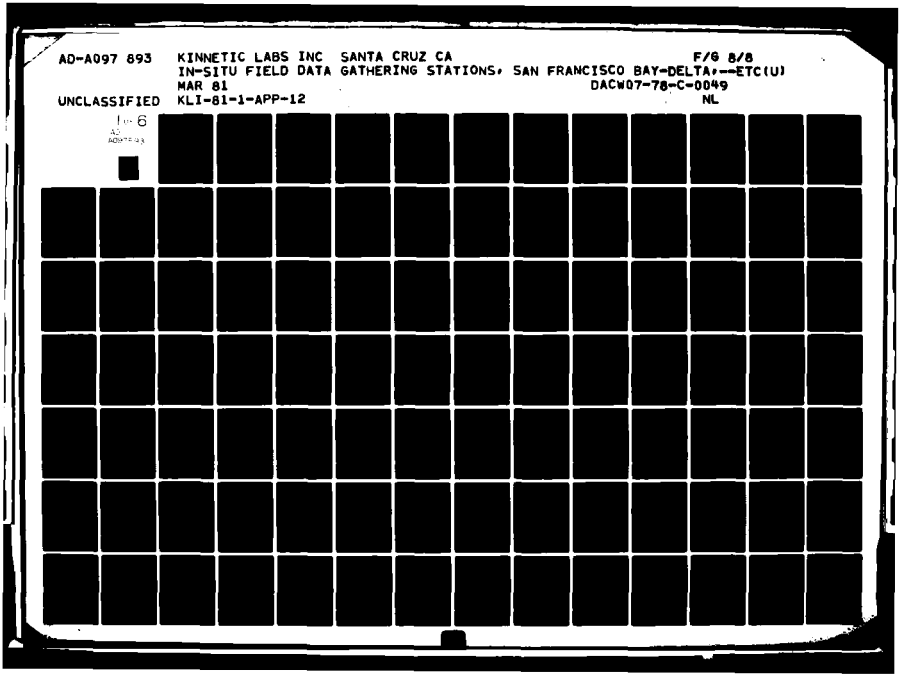
AD-A097 893 KINNETIC LABS INC SANTA CRUZ CA F/G 8/8
IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA,--ETC(U)
MAR 81 DACW07-78-C-0049
UNCLASSIFIED KLI-81-1-APP-12 NL



AD A097893

IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA SALINITY INTRUSION WITH NAVIGATION CHANNELS.

Contract No. DACW07-78-C-0049

FINAL REPORT.

APPENDIX 12.

APR 17 1981

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KLI-81-1-APP-12
16 January 1981
Revised 18 March 1981

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KINNETIC LABORATORIES INCORPORATED

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A-330

APPENDIX 12

Field Data Sheets

Data Logger Check Sheets

CORPS OF ENGINEERS PROJECT DACW07-78-C-0046

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo [9#] * STATION NUMBER * #1

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 8th * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1020

DEPARTURE TIME 1235

(leave blank)

RECORDER'S SIGNATURE Stephen Fox

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other Meter Installation

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	INTERNAL			0.6	-.13	-.10	257	-0.6	25.13	9.9	64.2
PROBE 2 (mid)		"		0.9	-.02	+.07	250	-0.8	26.42	9.98	69.5
PROBE 3 (bottom)		"		0.9	+.03	+.13	232	28.67	28.12	9.72	73.3

INTERROGATION TIME 1210

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* [C E] [N/A] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] [YES] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] * DID YOU CLOSE THE LATCH? [YES]

TIME RECORDER RESET 1229-50sec 1st record 1230-0sec

TIME ALL METERS SUBMERGED: Probe 3 1120 Probe 2 1135 Probe 1 1145

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
YES - 1st record 1230, 8 Feb. 79

REMARKS (problems with equipment, etc.):

IT WORKS!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez Straights [dock] * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 14 * YEAR 1977 *

CALIFORNIA ARRIVAL TIME 1600

DEPARTURE TIME 1740

(leave blank)

RECORDER'S SIGNATURE Stephen Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other Install METERS

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	+12.06	-12.07	0.2	-.68	+.4	142	-.2	18.26	10.5	24.7
PROBE 2 (mid)	0	+12.06	-12.07	1.4	-.76	+.5	136	-1.4	18.78	10.5	25.3
PROBE 3 (bottom)	0	+12.06	-12.07	1.0	-.11	+.2	183	22.89	18.98	10.6	29?

INTERROGATION TIME 1710 10.8

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] ✓ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1730:00

TIME ALL METERS SUBMERGED: Probe 3 1630 Probe 2 1640 Probe 1 1650

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1730:10

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia [#6] * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 9 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1200

DEPARTURE TIME 1345

(leave blank)

RECORDER'S SIGNATURE Stephen Tarr

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☐
4) Battery Change ☐
5) Damage Repair ☐
6) Other Meter installation ☑

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	+12.06	-12.08	1.5	-.10	+.19	254	1.5	13.6	9.3	31.5
PROBE 2 (mid)	0	+12.06	-12.08	.50	.01	+.05	79	.5	15.88	9.35	31.0
PROBE 3 (bottom)	0	+12.06	-12.08	+.4	+.06	+.01	95	28.8	16.00	9.40	15.0

INTERROGATION TIME 1325

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* C E | N/A | | . | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ONLY ONE ☑ DID YOU CLOSE THE LATCH?

TIME RECORDER RESET 1332:30 sec

TIME ALL METERS SUBMERGED: Probe 3 1300 Probe 2 1316 Probe 1 1320

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

Saw tape advance 10 sec after Reset

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago Σ=197 * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 14 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1340

DEPARTURE TIME 1415

(leave blank)

RECORDER'S SIGNATURE Stephen Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other METER INSTALLATION

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	+12.03	-12.05	0.7	+1.2	-.3	216	0.7	3.8	9.84	8.6
ROBE 2 (mid)	0	+12.03	-12.05	0.1	+.8	-.3	114	0.1	3.98	9.87	3.1
PROBE 3 (bottom)	0	+12.03	-12.05	1.2	+.5	-.2	1.7?	34.25	4.4	9.96	0.8

INTERROGATION TIME 1345

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET ~~1350:50~~ 1359:50

TIME ALL METERS SUBMERGED: Probe 3 1110 Probe 2 1120 Probe 1 1130

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1400:00

REMARKS (problems with equipment, etc.):

Check Dir value on probe #3

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island [#27] * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 14 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1206

DEPARTURE TIME 1315

(leave blank)

RECORDER'S SIGNATURE Stephen Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other Install METERS

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	+12.1	-12.1	+.3	-.8	-.7	265	.3	1.4	9.9	.1
PROBE 2 (mid)	0	+12.1	-12.1	+1.7	-.85	-.5	270	1.7	1.4	10.1	.4
PROBE 3 (bottom)	0	+12.1	-12.1	+1.6	-.8	+.2	270	19.4	1.4	10.2	.1

INTERROGATION TIME 1257

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 13:21:28

TIME ALL METERS SUBMERGED: Probe 3 1220 Probe 2 1230 Probe 1 1240

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1301:38

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzly Bay [Dolphin] * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 9 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1635

DEPARTURE TIME 1710

(leave blank)

RECORDER'S SIGNATURE Stephen Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☐
4) Battery Change ☐
5) Damage Repair ☐
6) Other METER INSTALLATION

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
~~PROBE 1~~ (top)											
~~PROBE 2~~ (mid)											
PROBE 3 (bottom)	0	12.1	12.1	1.3	–	–	–	1.3	1.69	8.94	9.3

INTERROGATION TIME 1650

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* [C E] [✓] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ON ONE ONLY] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 16:59:58 sec

TIME ALL METERS SUBMERGED: Probe 3 1645 Probe 2 N/A Probe 1 N/A

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1750 2/10/79

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo #97 * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 15 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1100

DEPARTURE TIME 1145

(leave blank)

RECORDER'S SIGNATURE Stephen Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☑ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	INTERNAL 0	+11.5	-11.5	0.6	-.1	-.06	270	.6	18.9	10.35	48.3
PROBE 2 (mid)	EXTERNAL	12.2	12.3	0.8	-.7	+.33	272	8	22.28	10.55	59.1
PROBE 3 (bottom)				0.9	-.5	+.2	269	16.9	24.32	10.25	38.0

INTERROGATION TIME 1146

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET N/A

TIME ALL METERS SUBMERGED: Probe 3 N/A Probe 2 N/A Probe 1 N/A

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1135

REMARKS (problems with equipment, etc.):

Note Depth on probe #3!?

...S OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo [#9] * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 0930

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE Rhys McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair. ☐ 6) Other

Power checked by disconnecting lead from buoy cond or data slight & may be unable

INTERROGATION VALUES

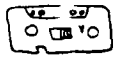
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	internal 0	+.05	-.07	0.6	+.3	-0.2	244	0.6	3.1	10.35	1.3
PROBE 2 (mid)	external	12.12	12.13	0.C	+.6	+0.07	245	0.8	4.8	10.42	41.8
PROBE 3 (bottom)				0.9	-.27	+.03	230	13.6	7.9	10.20	5.4

INTERROGATION TIME 0935

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 0925

OLD CASSETTE LABEL:* C E | 01 (↑Station Number (2 digits)) | 02 (↑ Start Month (2 digits)) | B ← write A or B

IS NEW TAPE IN CORRECTLY?  YES DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * YES DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 0930

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
YES 0930 28 February 1979

REMARKS (problems with equipment, etc.):
depth probe reads shallower ??
28' upon inst.; 2 wks later: 16', today 13'
??

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez Straits (dock) * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1025

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE Rhys McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0 internal	+12.02	12.04	0.2	+0.2	-0.4	152	0.2	.25	10.11	0.3
PROBE 2 (mid)	internal	11.9	12.5	1.4	-0.02	+0.1	149	1.4	.25	10.13	0.4
PROBE 3 (bottom)				1.0	-.01	-0.03	177	16.81	.25	10.10	0.1

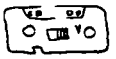
INTERROGATION TIME 1035

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1025

OLD CASSETTE LABEL:* C E | 02 | 02 | . B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ~~no~~ yes DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET ~~0939~~ 1030

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

YES, 1030, 28Feb 78

REMARKS (problems with equipment, etc.):

all ok

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benecia/Martinez Bridge (#6) * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1112

DEPARTURE TIME 1135

(leave blank)

RECORDER'S SIGNATURE Dave McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top) external	0	11.87	12.15	1.5	-.6	+.10	226	1.5	0.20	10.4	5.1
PROBE 2 (mid)				0.5	+.61	-.01	55	0.5	0.15	10.37	6.0
PROBE 3 (bottom)				0.4	+.30	-.09	65	27.93	0.19	10.4	3.6

INTERROGATION TIME 1116

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1125

OLD CASSETTE LABEL:* C E | 03 (Station Number, 2 digits) | 02 (Start Month, 2 digits) | B ← write A or B

IS NEW TAPE IN CORRECTLY? [illegible] YES DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 1130

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1130, 28 Feb 79

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago #19 * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 11.55

DEPARTURE TIME 1215

(leave blank)

RECORDER'S SIGNATURE Rhys McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top) internal	0	12.06	12.02	0.7	+.3	+.20	86	0.7	0.15	10.31	8.5
PROBE 2 (mid) external		12.1	12.11	0.1	-0.5	40.1	345	0.1	0.15	10.07	7.7
PROBE 3 (bottom)				1.2	-0.6	+0.11	1.7	17.08	0.14	10.19	6.7

INTERROGATION TIME 1205

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1158

OLD CASSETTE LABEL:* C E | 04 | 02 | B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] YES DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * OLD ONES DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 1200

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
YES - 1200, 28 Feb 79

REMARKS (problems with equipment, etc.):
stand-off pretty heavy in down river direction! — Data on Cassette recorded at 1 sec intervals

KPS OF ENGINEERS PROJECT # W07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island (#27) * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1227

DEPARTURE TIME 1250

(leave blank)

RECORDER'S SIGNATURE Ryan McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☑
3) Tape Change ☑
4) Battery Change ☐
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top) internal	0	12.00	12.01	.3	-.9	-.4	270	0.3	.12	9.68	3.2
PROBE 2 (mid) external		11.93	-9.9	1.7	-.9	-.3	271	1.7	.12	9.89	4.2
PROBE 3 (bottom)				1.6	-1.18	+0.4	272	3.6	.12	9.76	5.1

INTERROGATION TIME 1235

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1230

OLD CASSETTE LABEL:* C E | 05 (Station Number, 2 digits) | 02 (Start Month, 2 digits) | B ← write A or B

IS NEW TAPE IN CORRECTLY? [illegible] Yes

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old ones

DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1231

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

Yes, 1231 28 Feb 79 — old cassette 1229, 28 Feb 79

REMARKS (problems with equipment, etc.):

— battery power very low & sc'wy depth reading

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley Bay [Dolphin] * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) February * DAY 28 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1323

DEPARTURE TIME 1339

(leave blank)

RECORDER'S SIGNATURE Regina McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☑
3) Tape Change ☑
4) Battery Change ☐
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top) internal	0	12.00	12.1	1.3	—	—	—	1.3	0.14	9.91	4.0
PROBE 2 (mid) external		12.14	12.46								
PROBE 3 (bottom)											

INTERROGATION TIME 1334

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 06 | 02 | B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] YES DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1330, 28 Feb 79

REMARKS (problems with equipment, etc.):

all seems ok but covered in Bird S---!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo (#9) * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) March * DAY 19 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1230

DEPARTURE TIME 1450

(leave blank)

RECORDER'S SIGNATURE Rhyn M Donald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑
2) Instrument Check ☑
3) Tape Change ☑
4) Battery Change ☑
5) Damage Repair ☐
6) Other New Tines, New cable clamps

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	external	+12.68	-12.50	0.6	-.75	-.69	190	0.6	20.4	12.64	2.65
PROBE 2 (mid)	internal	+12.10	-12.13	0.8	-.4	-.11	245	-.08	24.15	12.46	1.43
PROBE 3 (bottom)				1.1	-.14	-.59	172	27.03	24.53	12.71	0.0

INTERROGATION TIME 1435-1440

TIME METERS OUT OF WATER: Probe 1 1300 Probe 2 1315 Probe 3 1345

TIME OLD CASSETTE REMOVED 1250

OLD CASSETTE LABEL:* C E | 01 | 03 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? [illegible]

TIME RECORDER RESET 1430

TIME ALL METERS SUBMERGED: Probe 3 1410 Probe 2 1415 Probe 1 1420

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

Yes 1430 3/19/79

REMARKS (problems with equipment, etc.):

turbidity sensors look bad!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

TATION (spell out) Carquinez Straits (dock) * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) March * DAY 19 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1600 PDT

DEPARTURE TIME 1820 PDT

(leave blank)

RECORDER'S SIGNATURE Robert D Fellers

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [X]
6) Other New Wire Clothesline + Hardware

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.05	12.7	0.2	-.02	+.25	150	0.2	9.25	13.36	48.9
PROBE 2 (mid)	0	"	"	1.4	-.13	+.03	140	1.4	11.02	13.40	20.5
PROBE 3 (bottom)	0	"	"	1.0	+.03	-.03	174	13.42 *	15.43	13.35	2.1

* STRANGE!

INTERROGATION TIME 1810 - 1815

TIME METERS OUT OF WATER: Probe 1 1 hr Probe 2 1 hr Probe 3 1 hr

TIME OLD CASSETTE REMOVED 1630

OLD CASSETTE LABEL:* C E | 02 (Station Number, 2 digits) | 03 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY?  Both

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old one

DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1800 - 1st record at 1830 Through

TIME ALL METERS SUBMERGED: Probe 3 1730 Probe 2 1745 Probe 1 1800

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): Batteries appear ok, disk. Recorder not advancing upon arrival. Out of tape, ~~memory~~, used up through ~~suspect~~ ~~not~~ mark data loss

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia/Martinez Bridge (E) * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) March * DAY 20 * YEAR 1978 *

CALIFORNIA ARRIVAL TIME 0840

DEPARTURE TIME 0925

(leave blank)

RECORDER'S SIGNATURE Rose McDonald / R. Sellers

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.4	12.6	1.5	+.5	-1.45	300	1.5	7.20	13.13	15.2
PROBE 2 (mid)				.5	+.2	+1.45	145	.5	10.22	13.10	22.1
PROBE 3 (bottom)				0.4	+0.1	+0.8	135	28.13	15.70	12.98	26.0

INTERROGATION TIME 0850

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 0845

OLD CASSETTE LABEL:* C E | 03 (Station Number, 2 digits) | 03 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY? [illegible] Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Yes DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 0900 + 1st record

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

Year = 0900 20 March 78

REMARKS (problems with equipment, etc.): Meters oscillating on line

Batteries [illegible] - line looks like the anchor may be off the bottom again - NOT twisted, however!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

ATION (spell out) Port Chicago (#19) * STATION NUMBER * 04

CALIFORNIA
CALENDER DATE: MONTH (spell out) March * DAY 20 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 0950 PDT

DEPARTURE TIME 10:35

(leave blank)

RECORDER'S SIGNATURE P Hebb

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other Recorder replacement

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.4	12.4	0.7	0.9	-1.7	070	0.7	0.36	13.96	10.3
PROBE 2 (mid)				0.1	1.1	-1.5	315	0.1	0.37	12.97	9.5
PROBE 3 (bottom)				1.2	1.3	-1.0	002	12.07 Nonsense !	0.33	14.13	9.6

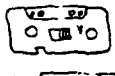
INTERROGATION TIME 10:15

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 0955

OLD CASSETTE LABEL:* [C E] [04] [03] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [YES] DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * [01] DID YOU CLOSE THE LATCH? [YES]

TIME RECORDER RESET 10:30 + 1st reading

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): Meter recorder not operating, even with new power supply. Installed new recorder-#6332228

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island (#27) * STATION NUMBER * 05

CALIFORNIA
CALENDER DATE: MONTH (spell out) March * DAY 20 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1050 PDT

DEPARTURE TIME 11:30

(leave blank)

RECORDER'S SIGNATURE R Bellew

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		1254	1264	0.3	+0.25 variable		288	0.3	0.20	14.18	13.5
PROBE 2 (mid)				1.7	+0.9 variable	-0.4	290	1.7	0.20	14.93	30.0
PROBE 3 (bottom)				0.9	-0.8 variable	+0.5	235	21.42	0.19	13.61	20.8

INTERROGATION TIME 11:05

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1055

OLD CASSETTE LABEL:* [C E] [05] [03] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ]

DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 1100

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): Sensors on top meter only slightly submerged
Lowered top meter 1 ft to immerse it
Top meter ½ exposed
Velocity readings highly variable
Old batteries dead!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley Bay dolphin * STATION NUMBER * 06

CALIFORNIA
CALENDER DATE: MONTH (spell out) March * DAY 20 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1235

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE RS Keller

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

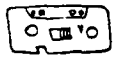
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.6	12.6	1.3	0	0	0	1.3	0.20	13.9	9.6
~~PROBE 2~~ (mid)											
~~PROBE 3~~ (bottom)											

INTERROGATION TIME 12:50

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 12:40

OLD CASSETTE LABEL:* C E | 06 (↑Station Number (2 digits)) | 03 (↑ Start Month (2 digits)) · A ← write A or B

IS NEW TAPE IN CORRECTLY?  Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 1300

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

(spell out) _____ * STATION NUMBER * _____

CALIFORNIA
CALENDER DATE: MONTH (spell out) April * DAY 4 * YEAR 1989 *

CALIFORNIA ARRIVAL TIME 0900

DEPARTURE TIME 0930

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [ ]
3) Tape Change [X]
4) Battery Change [ ]
5) Damage Repair [ ]
6) Other Bio Harris

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.4	12.6	0.6	+0.3	-0.7	297	-1C -.6	15		
PROBE 2 (mid)				0.8	+0.2	-0.5	295	-1C -0.8	29.8		
PROBE 3 (bottom)				-1.1	+0.22	-0.9	297	Depth 26	29.5	12.4	

INTERROGATION TIME 0925

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 0915

OLD CASSETTE LABEL:* [C E] [01 23] [02] · [R] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON ~~BOTH TAPE~~ CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 0930

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

Batteries were [illegible] - some data [illegible] on the tape

[illegible] OF THE NAVAL POSTGRADUATE SCHOOL

FOR SAN NICOLAS ISLAND

DATA RECORDER CHECK SHEET

STATION (spell out) [illegible] * STATION NUMBER * [illegible]

CALIFORNIA
CALENDER DATE: MONTH (spell out) April * DAY [illegible] * YEAR 1987 *

CALIFORNIA ARRIVAL TIME 1015

DEPARTURE TIME 1040

(leave blank)

RECORDER'S SIGNATURE Matt P Stevenson

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [ ]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.4 external	12.7	0.2	-0.6	+1.4	172	0.2	7.0	12.58	20
PROBE 2 (mid)				1.4	-0.3	+.3	157	1.4	7.39	14.64	717
PROBE 3 (bottom)				1.0	-.35	+.7	181	25.28	7.15	14.56	7.0

INTERROGATION TIME 1025

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1020

OLD CASSETTE LABEL:* C E | 02 | 03 . B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [OLD ONE]

DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1030

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1030 - 4 April 29

REMARKS (problems with equipment, etc.):

Turbidity problem on # 2
Batteries dead!

STATION (spell out) [illegible] * STATION NUMBER * [illegible]

CALIFORNIA
CALENDER DATE: MONTH (spell out) [illegible] * DAY [illegible] * YEAR [illegible] *

CALIFORNIA ARRIVAL TIME 1105

DEPARTURE TIME 1135

(leave blank)

RECORDER'S SIGNATURE [illegible]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☒
2) Instrument Check ☐
3) Tape Change ☑
4) Battery Change ☒
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.7	12.4	1.5	-0.30	-1.6	310	-10 / [illegible]	[illegible]	[illegible]	[illegible]
PROBE 2 (mid)				+.5	-0.[illegible]	-1.1	198	-10 / 2.5	4.5	[illegible]	12
PROBE 3 (bottom)				.4	-0.25	[illegible]	[illegible]	[illegible] 17.0	14.2	[illegible]	22

INTERROGATION TIME 1115-1120

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 03 | 03 . B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATIO

ON ~~BOTH TAPE~~ CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1130

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1130 - 4 April 79

REMARKS (problems with equipment, etc.):
Batteries are OK!

STATION (spell out) [illegible] * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) April * DAY 4 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1205

DEPARTURE TIME 1240

(leave blank)

RECORDER'S SIGNATURE Phyllis M Donald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [ ]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	ext grnd	12.1	12.1	0.7	+0.1	-1.0	97	0.7	0.21	14.9	14.1
PROBE 2 (mid)				0.1	-.5 to -.5	-2 to -6	10	0.1	0.21	14.9	15.3
PROBE 3 (bottom)				1.6	-.3	+20	177	30.7	0.21	14.9	14.0

INTERROGATION TIME 1220

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1210

OLD CASSETTE LABEL:* C E | 04 | 03 . B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] YES DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * OLD ONE DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1230

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1230 - 4 April 79

REMARKS (problems with equipment, etc.):
Batteries are not Dead - Plenty of Data on tapes. Would not load for me on old tape when we first arr / in new tape it did on old batteries

V_x V_y - probe 2 variable values

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

PAR ELECTRIC - SEATTLE DIVISION

DATA RECORDER CHECK SHEET

STATION (spell out) Chuppa Island * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) April * DAY 4 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1255

DEPARTURE TIME 1215

(leave blank)

RECORDER'S SIGNATURE Rhys McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☒ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

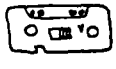
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	external	12.5	12.3	0.3	0.5	-1.2	338	0.3	0.20	14.75	1.7
PROBE 2 (mid)				1.7	+0.6	-1.6	331	1.7	0.20	15.03	7.3
PROBE 3 (bottom)				0.9	+0.8	-0.2	278	21.52	0.20	14.09	4.4

INTERROGATION TIME 1203

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1257

OLD CASSETTE LABEL:* C E | 05 | 03 . B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * old DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1300

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1300, April 4, 1979

REMARKS (problems with equipment, etc.):

...ATION (spell out) Grizzly Flat * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) April * DAY 4 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1345

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE Rhea McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☒ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

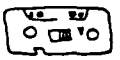
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	external	12.6	12.7	1.3	-	-	-	1.3	0.24	15.30	2.4
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1357

TIME METERS OUT OF WATER: Probe 1 ——— Probe 2 ——— Probe 3 ———

TIME OLD CASSETTE REMOVED 1350

OLD CASSETTE LABEL:* C E | 06 | 03 · B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ✓ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * old

DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1400

TIME ALL METERS SUBMERGED: Probe 3 ——— Probe 2 ——— Probe 1 ———

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1400, April 4, 1979

REMARKS (problems with equipment, etc.):

Batteries good, plenty of tape taken up

LOCATION (spell out) Santa Cruz

CALIFORNIA
CALENDER DATE: MONTH (spell out) April DAY 19 YEAR 1991

CALIFORNIA ARRIVAL TIME 0945

DEPARTURE TIME 1320

(leave blank)

RECORDER'S SIGNATURE Orelia Glasgow

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [ ]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.05	12.06	0.6	-.30	-2.8	332	.6	22.13	-.2	2[illegible].9
PROBE 2 (mid)				.8	+0.37	-2.3	329	.8	23.9	13.99	3.6
PROBE 3 (bottom)				1.1	+0.2	-1.1	310	23.9	27.5	13.92	0.8

INTERROGATION TIME 1055

TIME METERS OUT OF WATER: Probe 1 @ 1115 Probe 2 1130 Probe 3 1140

TIME OLD CASSETTE REMOVED 1050

OLD CASSETTE LABEL:* [C E] [01] [04] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [C ☐ O] [yes] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [old] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1230

TIME ALL METERS SUBMERGED: Probe 3 1235 Probe 2 1300 Probe 1 1310

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1230, 1300 (meter in water, 1 not)

REMARKS (problems with equipment, etc.): Batteries low - Tape [illegible] Data form switch recorders = 6330227 (new) (old) = 6330223

STATION NAMES

STATION 1	San Pablo (#9)
STATION 2	Carquinez Straits (dock)
STATION 3	Benicia/Martinez Bridge (#6)
STATION 4	Port Chicago (#19)
STATION 5	Chips Island (#27)
STATION 6	Grizzley Bay (dolphin)

Probe 3 Cond. test (w/ 500HM resistor #4)

49.85

STATION (spell out) [illegible] * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 19 * YEAR 1999 *

CALIFORNIA ARRIVAL TIME 1430

DEPARTURE TIME 1800

(leave blank)

RECORDER'S SIGNATURE Julia Krueger

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
(new batteries value) PROBE 1 (top)	—>	12.2	-2.7	0.2	-.3	+.7	165	0.2	7.45	14.81	509
PROBE 2 (mid)				1.4	-.4	+.5	155	1.4	7.28	14.94	713
PROBE 3 (bottom)				1.0	-.3	+.4	181	23.7	7.45	14.90	0.2

INTERROGATION TIME 1455

TIME METERS OUT OF WATER: Probe 1 1510 Probe 2 1515 Probe 3 1520

TIME OLD CASSETTE REMOVED 1500 (cassette not moving)

OLD CASSETTE LABEL:* C E | 02 | 04 | a ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  yes

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * yes

DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 1731 (bottom probe in water only)

TIME ALL METERS SUBMERGED: Probe 3 1700 Probe 2 1740 Probe 1 1750

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1731

REMARKS (problems with equipment, etc.): cassette not moving - dead spot on tape. Intermittent problem w/ tape drive. Problems w/ turbidity sensor again - same as last time. Meter change - see sheet #30 changed cable (Tur) on #1 sensor.

STATION NUMBER: 13

CALENDAR DATE: MONTH (spell out) April DAY 20 YEAR 79

CALIFORNIA ARRIVAL TIME [illegible]

DEPARTURE TIME 1110

(Leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		11.95	12.1	1.5	[illegible]	[illegible]	225	1.5	[illegible]	[illegible]	[illegible]
PROBE 2 (mid)				0.5	[illegible]	[illegible]	130	0.5	[illegible]	[illegible]	[illegible]
PROBE 3 (bottom)				0.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INTERROGATION TIME 0900

TIME METERS OUT OF WATER: Probe 1 0905 Probe 2 0925 Probe 3 0935

TIME OLD CASSETTE REMOVED 0858

OLD CASSETTE LABEL:* C E | 03 | 04 | · | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] [yes] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [yes] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1030 + Erasable record 1100hrs.

TIME ALL METERS SUBMERGED: Probe 3 1035 Probe 2 1040 Probe 1 1055

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1030 on 20 April 79

REMARKS (problems with equipment, etc.): Everything looks very good

lowered system ~ 1'

Battery readings are prior to changing batteries

LOCATION (spell out) [illegible] STATION NUMBER

CALIFORNIA

CALENDAR DATE: MONTH (spell out) [illegible] DAY [illegible] YEAR [illegible]

CALIFORNIA ARRIVAL TIME [illegible]

DEPARTURE TIME 1205

(leave blank)

RECORDER'S SIGNATURE [illegible]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [x] 2) Instrument Check [x]

3) Tape Change [x] 4) Battery Change [x]

5) Damage Repair [ ] 6) Other _____

old external

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		11.5	-12.3	7.	+3.3	-1.9	9.9	7.	7.60	[illegible]	[illegible]
PROBE 2 (mid)	New Ex -	+12.4	-12.65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.19	[illegible]	[illegible]
PROBE 3 (bottom)				1.6	+0.6	[illegible]	170	29	7.63	[illegible]	[illegible]
	w new batteries			3.6	+7.1	+7.8	341	-3.7	56.	53.	488

probe 1 OK probe 3 OK probe 2

INTERROGATION TIME 1500 & 1520

TIME METERS OUT OF WATER: Probe 1 1553 Probe 2 [illegible] Probe 3 [illegible]

TIME OLD CASSETTE REMOVED 1500

OLD CASSETTE LABEL:* C E | 04 | 04 . A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  Yes DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * old DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1700 (probes out of water)

TIME ALL METERS SUBMERGED: Probe 3 1730 Probe 2 _____ Probe 1 [illegible]

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1700 April 20, 1979

REMARKS (problems with equipment, etc.):

problem w recorder - seems to have been a sticky tape

Tightened cable, took out 3 twists!

ATION (spell out) Hyapos Island * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) April * DAY 20 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1215

DEPARTURE TIME 1415

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

OLD cassette removed

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		11.86	12 24	0.3	+0.9	-1.2	333	03	0.57	15 06	2.2
PROBE 2 (mid)				1.7	+1.0	-1.3	3.30	1.7	0.55	15.4	1 7
PROBE 3 (bottom)				0.9	+0.8	+0.5	276	/21.6	0 55	14 35	1 4

INTERROGATION TIME 1235

TIME METERS OUT OF WATER: Probe 1 1240 Probe 2 1250 Probe 3 1255

TIME OLD CASSETTE REMOVED 1240

OLD CASSETTE LABEL:* C E | 05 (Station Number, 2 digits) | 04 (Start Month, 2 digits) · A ← write A or B

IS NEW TAPE IN CORRECTLY? [ ] Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1330, 1st usable ~~Cal~~ at 1430

TIME ALL METERS SUBMERGED: Probe 3 1335 Probe 2 1350 Probe 1 ~~20~~ 1405

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
old tape 1230, 20 April 1979 (noted by RL on shore)
New tape 12 30, 20 April 1979

REMARKS (problems with equipment, etc.):

all OK

STATION (spell out) [illegible] * STATION NUMBER *

CALIFORNIA

CALENDER DATE: MONTH (spell out) April * DAY 20 * YEAR [illegible] *

CALIFORNIA ARRIVAL TIME ~ 1830

DEPARTURE TIME 1905

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]

3) Tape Change [X] 4) Battery Change [X]

5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)				1.3				1.3	0.97	15.9	0.1
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1850

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1840

OLD CASSETTE LABEL:* [C E] [0 6] [0 4] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [C ☐ 'O] [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [I only] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1900

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

~00 20 April 1979 new tape

REMARKS (problems with equipment, etc.):

meter checked by diver

SAN FABIAN - CHILE ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo #7 * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 02 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1015 PDT

DEPARTURE TIME 0955

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

old batteries

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		+12.0	-12.3	6.1	+1.2	-1.4	293	-5.73	22.76	15.7	52.5
PROBE 2 (mid)				5.33	+0.9	-1.1	300	-7.95	30.99	14.53	54.2
PROBE 3 (bottom)				11.09	+0.7	-1.04	311	26.05	31.46	15.13	35.9

INTERROGATION TIME 0930 PST

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED N/A PDT

OLD CASSETTE LABEL:* C E [ ] [ ] . [B] ← write A or B

↑Station Number (2 digits) ↑Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [C E 1 C] [Yes] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [Yes] DID YOU CLOSE THE LATCH? [Yes]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 1.2 Probe 2 1.1 Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

May 02, 1979 0955 PST

REMARKS (problems with equipment, etc.): All equipment appears to function properly

USE OF ENDANGERED SPECIES PERMIT-78-02-

SAN PABLO - CHILS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez Straits * STATION NUMBER * 02

CALIFORNIA
CALENDAR DATE: MONTH (spell out) May * DAY 02 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1010 PDT

DEPARTURE TIME 10:35

(leave blank)

RECORDER'S SIGNATURE R.S. Fellers

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		+12.45	-12.44	2.42	-0.39	+1.46	169	-1.7	17.5	162	43.5
PROBE 2 (mid)				12.43	-1.37	-0.16	110	15.37	17.68	16.30	39
PROBE 3 (bottom)				10.36	-.33	+.39	182	24.72	17.71	16.25	34

INTERROGATION TIME 1016

TIME METERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

TIME OLD CASSETTE REMOVED 10 35

OLD CASSETTE LABEL:* C E | 02 | 04 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] YES DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 10:30 PDT

TIME ALL METERS SUBMERGED: Probe 3 N/A Probe 2 N/A Probe 1 N/A

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

10:2 PDT May 02, 1979

REMARKS (problems with equipment, etc.) Strange I.D. numbers for middle meter

TEST OF PROTOTYPE PARKBELT DATA[illegible]

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Bernals / Martinez * STATION NUMBER * 03

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 03 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 11:10 PDT

DEPARTURE TIME 11:37

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [+]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		+12.25	-12.50	954	+1.5	-1.41	134	-14.61	10.95	16.50	15.5
PROBE 2 (mid)	↓			530	-.65	-.98	360	-4.69	12.62	16.15	10.5
PROBE 3 (bottom)	+.032			435	-.58	-.69	357	28.15	14.65	16.08	49

INTERROGATION TIME 11:16

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 11:25

OLD CASSETTE LABEL:* [C E] [03] [04] . [B] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [C ⊐ O] [Yes] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [Yes] DID YOU CLOSE THE LATCH? [YES]

TIME RECORDER RESET 11:33

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

11:30 + 11:33 May 2, 1979

REMARKS (problems with equipment, etc.): Load forward then Reset Power connection came loose after reset at 11:30. Initiated again at 11:33

[illegible] PROJECT [illegible]

SAN PABLO - TRIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Fort Chicago * STATION NUMBER * 04 *

CALIFORNIA
RECORDER DATE: MONTH (spell out) May * DAY 02 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 12:10 P.D.T.

DEPARTURE TIME 1300

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☒
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other Change Box 12:28

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		+12.29	+12.5V	+7.0	-1.82	-0.61	169	-6.8	3.77	16.9	+1.9
PROBE 2 (mid)				+.79	-.69	-1.73	014	-1.0	+6.23	16.4	+1.8
PROBE 3 (bottom)				+15.9	+1.30	-0.4	295	29.99'	4.46	16.5	+1.5

recheck: 0.07

INTERROGATION TIME 12:17 P.D.T.

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 12:25

OLD CASSETTE LABEL:* C E | 04 | 04 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] [illegible] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? [illegible]

TIME RECORDER RESET 1300

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 — Probe 1 —

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1300 May 2, 1979

REMARKS (problems with equipment, etc.):

Mid C first reading 0.08
Sec reading 0.07

Near bed doesn't work 1235
original box replaced in unit 1245

CORPS OF ENGINEERS PROJECT DACW07-76-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chipps Island * STATION NUMBER * 05

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 02 * YEAR 79

CALIFORNIA ARRIVAL TIME 1320 PDT

DEPARTURE TIME 1342

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		Internal		3.1	+.61	-1.44	336	-2.9	3.14	16.87	0.7
PROBE 2 (mid)				16.9	+.85	-1.49	335	-16.7	1.30	17.24	1.4
PROBE 3 (bottom)				9.0	0.89	+.05	271	20.75	0.97	16.12	1.5

INTERROGATION TIME 13:33 PDT

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1326

OLD CASSETTE LABEL:* C E | 05 | 04 | B ← write A or B

↑Station Number (2 digits) ↑Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [tape diagram] YES DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 13:30:00 PDT

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
13:30 PDT May 02, '79

REMARKS (problems with equipment, etc.): Old tape out and batteries changed before interrogation

CORPS OF ENGINEERS PROJECT LAEWOT-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley (Grr!) Bay * STATION NUMBER * 06

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 02 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1413 PDT

DEPARTURE TIME 1432 PDT

(leave blank)

RECORDER'S SIGNATURE Klimm

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	~~+ID~~	V_x	V_y	DIR	~~-ID/DEPTH~~	~~C~~	~~T~~	~~Tr~~
PROBE 1 (top)		+12.24	-12.47	+13.1	NA	NA	NA	- 13.0	3.97	17.13	0.6
PROBE 2 (mid)					N	A					
PROBE 3 (bottom)					N	A					

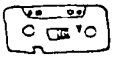
INTERROGATION TIME 1317

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1420 PDT

OLD CASSETTE LABEL:* C E | 06 | 04 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  YES DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * YES DID YOU CLOSE THE LATCH? Y

TIME RECORDER RESET 14:30:00 PDT May 2, 1979

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1430 May 2 1979

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-76-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 12 * YEAR 1979

CALIFORNIA ARRIVAL TIME 0745

DEPARTURE TIME 0945

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [ ]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other Cleaned, Change Tapes

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)	[illegible]	[illegible]	[illegible]	[illegible]							
PROBE 3 (bottom)											

INTERROGATION TIME —

TIME METERS OUT OF WATER: Probe 1 0815 Probe 2 0820 Probe 3 [illegible]

TIME OLD CASSETTE REMOVED 0800 - (Observed prior to interrogation)

OLD CASSETTE LABEL:* C E | 01 (↑Station Number (2 digits)) | 05 (↑ Start Month (2 digits)) | A ← write A or B

first good data 1000

IS NEW TAPE IN CORRECTLY? [illegible] YES DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * OLD DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 0930 (Probes out of Water)

TIME ALL METERS SUBMERGED: Probe 3 0910 Probe 2 0925 Probe 1 0935

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

0930 May 15, 1979

REMARKS (problems with equipment, etc.):

Blue box at front - Wet inside

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 17 * YEAR 1979

CALIFORNIA ARRIVAL TIME 0855

DEPARTURE TIME 1320

(leave blank)

RECORDER'S SIGNATURE Carquinez

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☑ 6) Other _____

(7.) changed from ~1.0 to 0.10 sec.

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 3 (~~top~~ B)	0	12.4	12.5	1.0	-0.2	+0.4	174°	23.6	16.3	17.9	6.2
PROBE 2 (mid)		"	"	0.0	-1.2	-0.4	75°	-0.22	15.7	17.9	10.2
PROBE 1 (~~bottom~~ T)		"	"	2.0	-0.7	+0.9	137°	-2.0	15.4	18.0	8.0

INTERROGATION TIME 1302 - 1310

TIME METERS OUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

TIME OLD CASSETTE REMOVED 0950

OLD CASSETTE LABEL:* C E | 02 (Station Number, 2 digits) | 05 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY? [illegible] yes DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * yes DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 1230 May 17 79

TIME ALL METERS SUBMERGED: Probe 3 1205 Probe 2 1225 Probe 1 1255

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1230 & 1300 May 17 79

REMARKS (problems with equipment, etc.):

Stainless Steel Support Cable broken - Probe on bottom (compressed from weight of cable)

USCE - SF ENGINEERS PROJECT (DA W[illegible]-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia - Martinez Br. * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 17 * YEAR 79

CALIFORNIA ARRIVAL TIME 1415

DEPARTURE TIME 1515

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [✓] 2) Instrument Check [✓]
3) Tape Change [✓] 4) Battery Change [✓]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES (old)

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.99	12.3	1.5	+.7	-.15	227	-1.5	6.9	18.5	2.4
PROBE 2 (mid)	"	"	"	0.5	-0.3	+0.1	47	-0.5	7.36	18.7	2.9
PROBE 3 (bottom)	"	"	"	0.4	-0.12	-0.23	38	27.7	7.78	18.7	0.6

INTERROGATION TIME 1435 - 1445

TIME METERS OUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

TIME OLD CASSETTE REMOVED 1435

OLD CASSETTE LABEL:* C E | 03 | 05 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  yes DID YOU WRITE THE CORRECT INFORMATIO

ON BOTH TAPE CASSETTES? * Yes DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1500 May 17 79

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

old tape - 1430, 17 May 79 new - 1500

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DA WOT-75-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 17 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1545

DEPARTURE TIME 1815

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.9	12.6	0.7	-0.02	+0.03	90°	0.7	1.2	19.4	3.6
PROBE 2 (mid)		"	"	1.7	-0.03	+0.01	280°	slightly c.b.g. 1.9	1.2	19.3	4.0
PROBE 3 (bottom)		"	"	1.6	+0.27	+0.24	149°	30.4	1.2	19.3	3.2

INTERROGATION TIME 1605 - 1615

TIME METERS OUT OF WATER: Probe 1 1615 Probe 2 1625 Probe 3 NOT

TIME OLD CASSETTE REMOVED 1605

OLD CASSETTE LABEL:* C E | 04 | 05 | · | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] yes DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * Yes DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1630

TIME ALL METERS SUBMERGED: Probe 3 — Probe 2 1645 Probe 1 ~1755

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1630 17 May 79 — first usable record 1800

REMARKS (problems with equipment, etc.):

~~recorder 6330229~~
changed to 6330[illegible]

Cleaned coil connector on probe. Freaks it to once!)
Couldn't find all cable connecti[illegible]
to get [illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 17 * YEAR 79

CALIFORNIA ARRIVAL TIME 1826

DEPARTURE TIME 1845

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.6	-12.6	0.3	-0.8	+1.0	259	-0.3	1.74	20.3	0.3
PROBE 2 (mid)	"	"	"	1.7	-0.3	+1.6	355	-1.7	1.75	20.5	0.0
PROBE 3 (bottom)	"	"	"	29	-1.0	+0.6	260	24.26'	1.77	19.30	5.3

INTERROGATION TIME 1835 - 1845

TIME METERS CUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

TIME OLD CASSETTE REMOVED 1825

OLD CASSETTE LABEL:* [C E] [05] [05] . [A] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] [yes] DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1830

TIME ALL METERS SUBMERGED: Probe 3 — Probe 2 — Probe 1 —

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1830 May 17 79

REMARKS (problems with equipment, etc.):
All OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0019

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION: (spell out) Grizzly Bay * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 17 * YEAR 79

CALIFORNIA ARRIVAL TIME 1915 P

DEPARTURE TIME 1935

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☑
3) Tape Change ☑
4) Battery Change ☑
5) Damage Repair ☐
6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	+12.32	12.6	1.3	—	—	—	1.3	S 96	19.25	1.0
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1923

TIME METERS OUT OF WATER: Probe 1 ← Probe 2 Probe 3

TIME OLD CASSETTE REMOVED 1920

OLD CASSETTE LABEL:* C E | 06 | 05 . A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [tape image] yes DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * ld DID YOU CLOSE THE LATCH? ye

TIME RECORDER RESET 1930

TIME ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1930, May 17, 79

REMARKS (problems with equipment, etc.):

All OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 31 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 0905

DEPARTURE TIME 0945

(leave blank)

RECORDER'S SIGNATURE P Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES (new)

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	000	12.62	12.49	0.6	+1.48	-2.2	290	0.6	26.59	12.8	140
PROBE 2 (mid)				vanish	-2.9	30	3-500	Variable	9-24		
PROBE 3 (bottom)				1.1	+0.50	-0.8	288	26.5	32.4	17.7	52.9

probe like 2nd cable on?

INTERROGATION TIME 0928 - ~~2:30~~ 40

TIME METERS OUT OF WATER: Probe 1 — Probe 2 NA Probe 3 —

TIME OLD CASSETTE REMOVED 0915

OLD CASSETTE LABEL:* [C E] [01] [05] . [B] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [yes] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [OLD] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 0930

TIME ALL METERS SUBMERGED: Probe 3 — Probe 2 NA Probe 1 —

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

0930 31 May 79

REMARKS (problems with equipment, etc.):

TR on #1 — probe 2 out!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 31 * YEAR 1979

CALIFORNIA ARRIVAL TIME 1028

DEPARTURE TIME 1050

(leave blank)

RECORDER'S SIGNATURE D. Dave McSmith

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☒
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0 ext.	12.4	12.5	0.2	-1.5	+0.7	122	0.2	16.33	12.0	25
PROBE 2 (mid)				0.1	-1.1	-1.2	58	0.1	16.33	12.2	260
PROBE 3 (bottom)				1.0	-.5	+.03	161	25.15	16.27	19.3	20

INTERROGATION TIME 1040

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 — Probe 3 —

TIME OLD CASSETTE REMOVED 1029

OLD CASSETTE LABEL:* C E | 02 | 05 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1031, again at 1034

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 — Probe 1 —

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1031, 1034 May 31 1979

REMARKS (problems with equipment, etc.):

Extra record at beginning ←
Power disconnect at 1039

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia Martinez Bridge * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 31 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1115

DEPARTURE TIME 1140

(leave blank)

RECORDER'S SIGNATURE R. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

NEW INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	12.56	12.2	1.5	+0.8	-1.9	283	1.5	9.82	19.67	3.1
PROBE 2 (mid)				0.5	-0.8	+1.0	105	0.5	9.09	19.72	3.8
PROBE 3 (bottom)				0.4	-0.8	+0.4	73	27.4	10.30	19.4	0.4

INTERROGATION TIME 1135 - 1135

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 NA Probe 3 NA

TIME OLD CASSETTE REMOVED 1120

OLD CASSETTE LABEL:* C E | 03 | 05 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * yes DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 1130

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 NA Probe 1 NA

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1130, 31 MAY 1979

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 31 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1205

DEPARTURE TIME 1320

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

variable

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	5.90		/	0.7	+0.6	-1.8	80	0.7	0.88	20.8	0.3
PROBE 2 (mid)			OK	1.4	+1-3	+1.3	220	1.4	087	20.8	0.2
PROBE 3 (bottom)			OK	1.6	-0.4	+2.0	148	29.16'	0.86	20.8	04

INTERROGATION TIME 1240

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1220

OLD CASSETTE LABEL:* C E | 04 | 05 | B ← write A or B

little to NO tape here

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] yes DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * old DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 1300

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1300, 31 May 79

REMARKS (problems with equipment, etc.):

(opened & put on various connectors & it worked again)

recorder problems on old tape

(Not a battery problem)

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chipps Island * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 31 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1340

DEPARTURE TIME 1410

(leave blank)

RECORDER'S SIGNATURE Rhys McDonald

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☒
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

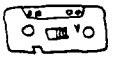
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	12.7	12.6	0.3	Var. +.3	-.8	310	0.3	0.22	19.83	1.7
PROBE 2 (mid)				1.7	+1.0	-0.3	302	1.7	0.23	20.35	4.0
PROBE 3 (bottom)				0.9	+7.4	+0.3	250	24.36	0.21	18.97	4.1

INTERROGATION TIME 1358. Probe 1 1404 Probes 2 & 3

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1345

OLD CASSETTE LABEL:* C E | 05 (Station Number, 2 digits) | 05 (Start Month, 2 digits) | B ← write A or B

IS NEW TAPE IN CORRECTLY?  Yes

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old

DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1400

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1400 May 31, 1979

REMARKS (problems with equipment, etc.):

old tape wouldn't load forward - it was running but tape would not advance - like the tape head drive was loose - tightened, but it was tight - maybe

CORPS OF ENGINEERS PROJECT DA:W07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzly Bay * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 31 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1435

DEPARTURE TIME 1510

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

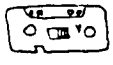
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	000	12.9	12.7	1.3	—	—	—	1.3	1.47		0.1
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1450

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1440

OLD CASSETTE LABEL:* C E | 0 6 (Station Number, 2 digits) | 0 5 (Start Month, 2 digits) | . | S ← write A or B

IS NEW TAPE IN CORRECTLY?  yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * OLD

DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 1500

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1500, 31 May 1979

REMARKS (problems with equipment, etc.):

NO OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo #9 * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 15 * YEAR 79

CALIFORNIA ARRIVAL TIME 0605

DEPARTURE TIME 0645

(leave blank)

RECORDER'S SIGNATURE Conrad Richard

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.6	12.7	0.6	-1.4	-0.1	265	0.6	33.6	17.78	81.0
PROBE 2 (mid)				1.2	+.02	+.03	206	22.62	35.85	17.41	80.0
PROBE 3 (bottom)				1.1	-.02	+1.0	245	29.05	36.35	17.60	89.0

INTERROGATION TIME 0635

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 0620

OLD CASSETTE LABEL:* C E | 01 | 04 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE CORRECTLY? [illegible] DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 0630

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

Saw it advance @ 0630 June 15

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) S. Carquinez Sta. * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 13 * YEAR 1979

CALIFORNIA ARRIVAL TIME 0925

DEPARTURE TIME 1200

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other cleaning

NEW INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.5	12.9	0.2	-.31	+.46	148	0.2	22.62	20	13.9
PROBE 2 (mid)				0.1	-.4	-.02	95	-0.1	22.08	20.1	10.3
PROBE 3 (bottom)				1.0	-.04	+0.5	218	24.75	24.52	20.2	14.3

INTERROGATION TIME 0940 - 0945

TIME METERS OUT OF WATER: Probe 1 1000 Probe 2 1015 Probe 3 1030

TIME OLD CASSETTE REMOVED 0935

OLD CASSETTE LABEL:* [C E] [02] [06] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [yes] DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * [old] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1130

TIME ALL METERS SUBMERGED: Probe 3 1135 Probe 2 1140 Probe 1 1147

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1130 June 13 1979

REMARKS (problems with equipment, etc.):

allOK HEAVY fouling

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia - Martinez Br. * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 13 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1230

DEPARTURE TIME 1510

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other Cleaning

Conductivity calibration = 10.5 & 11.16

-new- INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID DEPTH	S	T	Tr
PROBE 1 (top)	0.	12.43	12.45	1.5	0.93	0.4	307	1.5	11.02	21.22	3.9
PROBE 2 (mid)				0.5	0.8	0.25	143	.5	10.79	21.15	6.0
PROBE 3 (bottom)				.4	-0.05, 0.13		158	27.6	11.16	20.3	-.1

grew weeds

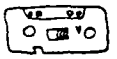
INTERROGATION TIME ~1300

TIME METERS OUT OF WATER: Probe 1 1310 Probe 2 1325 Probe 3 1330

TIME OLD CASSETTE REMOVED 1250

OLD CASSETTE LABEL:* C E | 03 | 06 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  yes

DID YOU WRITE THE CORRECT INFORMATIO ON BOTH TAPE CASSETTES? * old

DID YOU CLOSE THE LATCH? yes.

TIME RECORDER RESET 1500 — strong flood tide

TIME ALL METERS SUBMERGED: Probe 3 1438 Probe 2 1445 Probe 1 1453

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1500, 13 June 1979 OK

REMARKS (problems with equipment, etc.) probe 3 drifting — cable connectio

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 14 * YEAR 1979

CALIFORNIA ARRIVAL TIME 0930

DEPARTURE TIME 1055

(leave blank)

RECORDER'S SIGNATURE P. Cayente

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.0	12.74	12.75	0.7	+0.7	-2.2	80	0.7	9.0	20.8	2.6
PROBE 2 (mid)			/	1.4	+1.5	+1.6	225	1.4	10.0	20.8	2.3
PROBE 3 (bottom)			/	1.6	+0.5	+1.9	193	29.9	10.65	20.7	4.0

raw

INTERROGATION TIME 1010

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED NA

OLD CASSETTE LABEL:* C E | 04 ~~7~~ | 06 | · A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [yes] DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1030

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

~ 1030 June 1479 6330

REMARKS ~~(problems with equipment, etc.)~~:

recorder did not operate during last time period changed recorders — Batteries were OK Recorders changed — broke free twice — so we did not pull meters!

left ⇒ Big waves & wind picked up.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island * STATION NUMBER * #5

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 13 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1800

DEPARTURE TIME 1915

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

— new — INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.0	12.5	12.6	0.3	-.0	+1.2	32°	0.3	4.2	21.9	-0.3
PROBE 2 (mid)				1.7	-0.2	+1.2	35°	1.7	4.15	22.8	0.0
PROBE 3 (bottom)				0.9	-1.3	-0.0	299°	29.95	4.0	21.0	1.4

INTERROGATION TIME 1830

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 NA Probe 3 _____

TIME OLD CASSETTE REMOVED 1825

OLD CASSETTE LABEL:* C E | 05 | 06 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [yes] DID YOU WRITE THE CORRECT INFORMATIO

ON BOTH TAPE CASSETTES? * [old] DID YOU CLOSE THE LATCH? [yes]

TIME RECORDER RESET 1900

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 NA Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1900, 13 June 1979

REMARKS (problems with equipment, etc.):

all looks OK — meters not pulled
Top meter had good zinc and was clean — even Tr.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley Bay * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 14 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1120

DEPARTURE TIME 1200

(leave blank)

RECORDER'S SIGNATURE P. Campanile

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

-NEW- INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	000	12 6	12.7	1.3	—	—		1.3	9.29	19.5	0.0
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1135

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1125

OLD CASSETTE LABEL:* C E | 06 | 06 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  yes DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * (old) DID YOU CLOSE THE LATCH? yes

TIME RECORDER RESET 1130

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1:30, 14 June 1979

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo Bay * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 0921

DEPARTURE TIME 1000

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	OK	12.75	12.79	0.6	1.08	1.9	295	0.6	30.00	17.23	60.1
PROBE 2 (mid)	"			1.2	1.52	0.3	247	17.25	30.05	18.23	60.6
PROBE 3 (bottom)	"			1.1	0.45	-0.7	292	25.65	29.92	15.67	57.2

INTERROGATION TIME 0940 → 0943

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 0930

OLD CASSETTE LABEL:* C E | 01 | 06 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 0930

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

June 27, 79 0930

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Corazon Point * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1039

DEPARTURE TIME 1110

(leave blank)

RECORDER'S SIGNATURE P. C.

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	Ø	12.44	-12.76	0.2	-0.49	+033	137	0.2	20.67	18.67	36.9
PROBE 2 (mid)				0.1	-0.4	+0.1	96	+.13	-0.3	18.68	22.7
PROBE 3 (bottom)				1.0	-.09	+.23	220	24.53	21.32	18.70	Ø

INTERROGATION TIME 1053 → 1058

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1035

OLD CASSETTE LABEL:* C E | 02 (↑Station Number (2 digits)) | 06 (↑ Start Month (2 digits)) . B ← write A or B

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * old DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1100

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

June 27, 79 1100

REMARKS (problems with equipment, etc.):

Looks like a bad cable on probe 2
— growth on probe 3 —

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1135

DEPARTURE TIME 1210

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	Ø	12.53	12.57	1.5	0.1	1.1	135	-1.5	12.33	19.17	0.5
PROBE 2 (mid)				0.5	+0.1	-0.5	310	-0.5	12.25	19.18	0.7
PROBE 3 (bottom)				0.4	+0.1	-0.5	312	27.95	12.60	19.16	0.3

INTERROGATION TIME 1155

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 145

OLD CASSETTE LABEL:* C E | 03 | 06 | B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1200

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
June 27, 79 1200

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 27 * YEAR 79

CALIFORNIA ARRIVAL TIME 1400

DEPARTURE TIME 1435

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	Ø	12.53	12.93	0.7	+.09	+.15	112	0.7	4.12	20.4	4.5
PROBE 2 (mid)				1.4	-.18	-.03	265	1.4	4.11	20.3	3.2
PROBE 3 (bottom)				1.6	-0.3	-0.6	240	29.56	4.15	20.35	0.4

INTERROGATION TIME 14:12 → 12÷16

TIME METERS OUT OF WATER: Probe 1 ~~_____~~ Probe 2 ~~_____~~ Probe 3 _____

TIME OLD CASSETTE REMOVED 1403

OLD CASSETTE LABEL:* C E | 04 | 06 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATI(

ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1430

TIME ALL METERS SUBMERGED: Probe 3 _____ ~~Probe 2~~ _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

June 27, 79 1400 (old tape), 1430 (new tape)

REMARKS (problems with equipment, etc.):

Stopped @ Port Chicago - Checked Tape
Stopped @ Chipps Is - Checked Tape
[illegible]

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chipps Island * STATION NUMBER * 05

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1450

DEPARTURE TIME 1515

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.96	12.38	+0.3	-1.2	-0.1	295	0.3	4.02	20.7	-0.3
PROBE 2 (mid)				1.7	-1.3	+0.2	291	+45.2	55.5	80	75
PROBE 3 (bottom)				-0.9	+2.5	-3.7	200	-43.	3.64	9.7	6.9

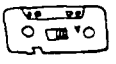
INTERROGATION TIME 1507 → 1509

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 450

OLD CASSETTE LABEL:* C E | 05 | 06 | . B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☑ DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1500

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

June 27, 79 1500

REMARKS (problems ~~with equipment, etc.~~):

#2 Probe - connection?!
#3 Probe + - currents, depth.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley Bay * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1550

DEPARTURE TIME 1608

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.75	12.68	1.3				1.3	8.82	19.7	0.0
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1558

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1554

OLD CASSETTE LABEL:* C E | 06 | 06 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATIC

ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1600

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

27 June 79 1600

REMARKS (problems with equipment, etc.):
Power disconnect 1601 reset 1602 Xtra record @ beginning

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) SAN PABLO * STATION NUMBER * 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out) JULY * DAY 17 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 10:41

DEPARTURE TIME 1415

(leave blank)

RECORDER'S SIGNATURE Frank Carmelli

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other CHANGE OUT PROBE 2

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.69	13.0	.6	+0.04	-0.2	277	.6	31.24	19.97	63
PROBE 2 (mid)				1.2	+0.09	+.03	210	21	33.96	18.9	68
PROBE 3 (bottom)				1.1	0.06	-.01	253	28.7	33.85	13.0	0

INTERROGATION TIME 1050

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1051 - (Recorder turned off)

OLD CASSETTE LABEL:* C E | 01 | 07 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] [X] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [X]

TIME RECORDER RESET 1300 (probes out of water)

TIME ALL METERS SUBMERGED: Probe 3 ~1250 Probe 2 ~1310 Probe 1 ~1320

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

PROBE 2 DEPTH = 21 FEET

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CARQUINEZ * STATION NUMBER * 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out) July * DAY 17 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1602

DEPARTURE TIME 1945

(leave blank)

RECORDER'S SIGNATURE C. Richards

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other

Old tether

INTERROGATION VALUES

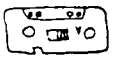
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	9.4	12.2	0.2	-0.06	+0.2	155	.2	14.02	21.00	3.8
PROBE 2 (mid)				0.1	-0.12	+0.07	115	.1	0.03	20.79	668 ← ?
PROBE 3 (bottom)				1.0	-0.03	+0.08	220	28.4	2062	20.79	7.0

INTERROGATION TIME 1613

TIME METERS OUT OF WATER: Probe 1 1625 Probe 2 ~1640 Probe 3 ~1700

TIME OLD CASSETTE REMOVED 1604

OLD CASSETTE LABEL:* C E | 02 (Station Number, 2 digits) | 07 (Start Month, 2 digits) · A ← write A or B

IS NEW TAPE IN CORRECTLY?  Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old

DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1630 (probes out of water)

TIME ALL METERS SUBMERGED: Probe 3 ~1850 Probe 2 ~1910 Probe 1 1930

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1630 July 17, 1979

REMARKS (problems with equipment, etc.):

We have tried to fix conductivity sensor at probe 2 by changing boards. - No luck. We broke a pin on turbidity wire connector. Probe 2 needs to be replaced

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) BENICIA * STATION NUMBER * 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out) JULY * DAY 13 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1009

DEPARTURE TIME 1509

(leave blank)

RECORDER'S SIGNATURE Conrad Reinsch

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other CHAIN DOWN WHEEL TO FIX TWIST IN WIRE

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	Ø	11.98	12.43	1.5	+.49	-.59	268	1.5	15.7	20.3	0.1
PROBE 2 (mid)				.5	-.06	+.45	82	.5	16.2	20.5	0.0
PROBE 3 (bottom)				.4	-.2	+.04	79	28.2	15.3	20.5	0.2

INTERROGATION TIME 1012

TIME METERS OUT OF WATER: Probe 1 ~1100 Probe 2 ~1130 Probe 3 ~1200

TIME OLD CASSETTE REMOVED 1016 (last record on tape @ 1000)

OLD CASSETTE LABEL:* C E | 03 (↑Station Number (2 digits)) | 07 (↑ Start Month (2 digits)) · a ← write A or B

IS NEW TAPE IN CORRECTLY?  YES

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * YES

DID YOU CLOSE THE LATCH? YES

TIME RECORDER RESET 1500

TIME ALL METERS SUBMERGED: Probe 3 ~1400 Probe 2 ~1420 Probe 1 ~1440

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): Battery Good, Tape Seems OK.

See Back For MORE →

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO - CHIPPS ISLAND

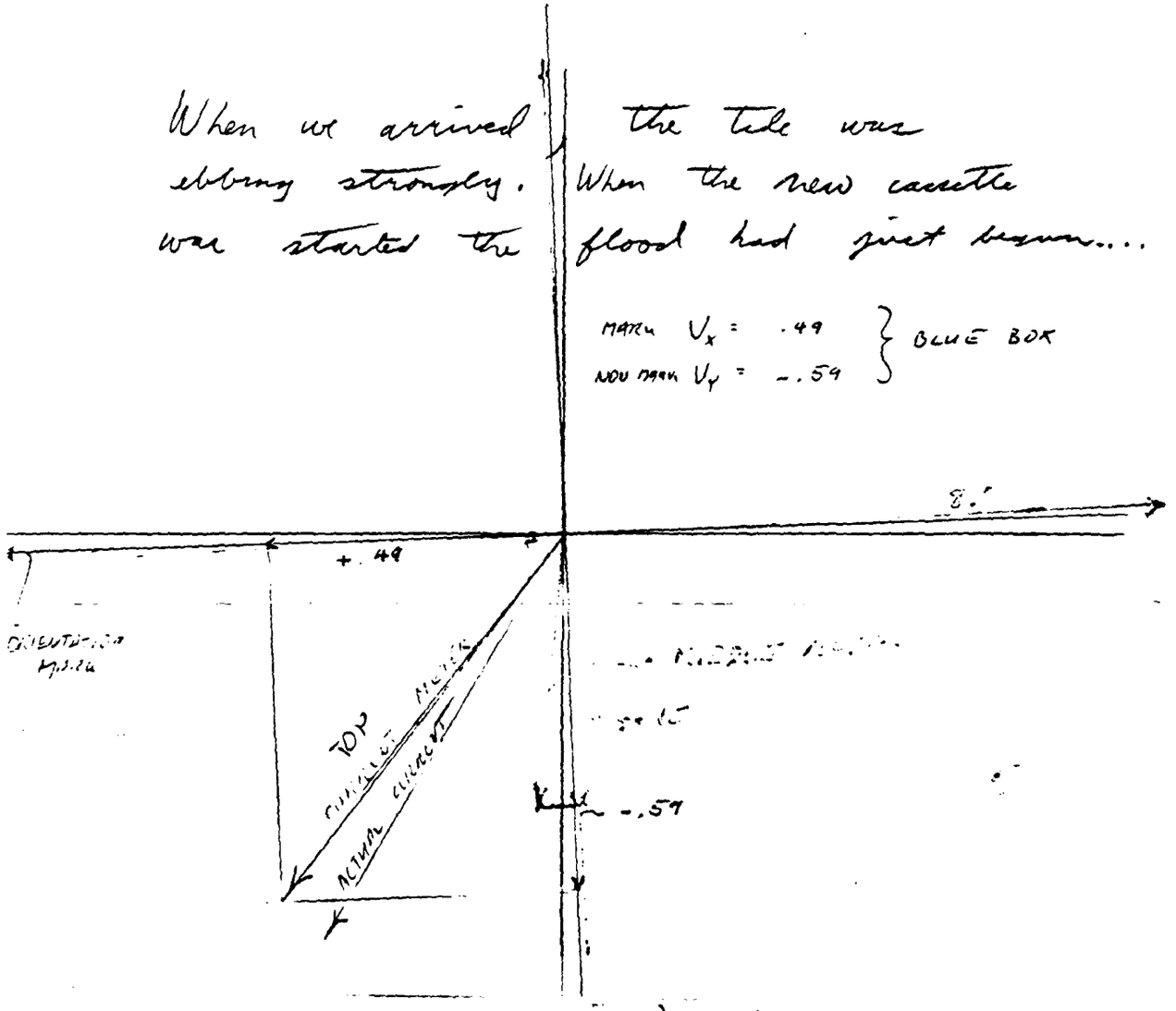
STATION NAMES

Station? (3) 13 July 1979

STATION 1	San Pablo (#9)
STATION 2	Carquinez Straits (dock)
STATION 3	Benicia/Martinez Bridge (#6)
STATION 4	Port Chicago (#19)
STATION 5	Chipps Island (#27)
STATION 6	Grizzley Bay (dolphin)

When we arrived the tide was ebbing strongly. When the new cassette was started the flood had just begun....

MARK V_x = .49 } BLUE BOX
NOW MARK V_y = -.59 }



CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) PORT CHICAGO * STATION NUMBER * 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out) JULY * DAY 13 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1613

DEPARTURE TIME 2015

(leave blank)

RECORDER'S SIGNATURE Conrad Rechsteiner

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other INSTALL NEW RECORDER

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.7	12.8	.7	-0.3	-.25	348	.7	7.95	21.9	0.4
PROBE 2 (mid)				1.4	0.2	-.16	132	1.4	7.56	21.86	0.5
PROBE 3 (bottom)				1.6	0.3	-.1	242	10.74	7.2	21.86	0.0

← NOTE BAD READING

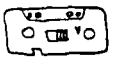
INTERROGATION TIME 1629

TIME METERS OUT OF WATER: Probe 1 ~1645 Probe 2 1700 Probe 3 1915

TIME OLD CASSETTE REMOVED 1618

OLD CASSETTE LABEL:* C E | BROKEN RECORDER | | . [ ] ← write A or B

↑ Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [X] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [X]

TIME RECORDER RESET 1930

TIME ALL METERS SUBMERGED: Probe 3 ~1920 Probe 2 ~1945 Probe 1 2006

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1930 13 July 1979

REMARKS (problems with equipment, etc.):

SEE BACK

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO - CHIPPS ISLAND

STATION NAMES

Station? (4) 13 July 1979

STATION 1	San Pablo (#9)
STATION 2	Carquinez Straits (dock)
STATION 3	Benicia/Martinez Bridge (#6)
STATION 4	Port Chicago (#19)
STATION 5	Chipps Island (#27)
STATION 6	Grizzley Bay (dolphin)

The depth sensor looks bad. We will have to change this one out. When we arrived, the flood was just beginning

Turbidity Sensor at bottom meter also looks bad.

When we left, the flood was just about over....

Blue box values seemed about as before

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CHIPPS ISLAND * STATION NUMBER * 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out) July * DAY 18 * YEAR 77 *

CALIFORNIA ARRIVAL TIME 0930

DEPARTURE TIME 1331

(leave blank)

RECORDER'S SIGNATURE C. Richard

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other INSTALL PROBE FROM SAN P. ON BOTTOM

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr	
PROBE 1 (top)		12.3	11.1	.8	-1.4	-0.1	270	.8	6.2	21.4	13.	
PROBE 2 (mid)				.3	-0.9	-1.4	240	.3	6.4	21.0	0.0	← ?
PROBE 3 (bottom)				.9	+3.2	-3.7	116	-60.1	9.12	18.43	0.1	← BAD

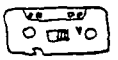
INTERROGATION TIME 1022

TIME METERS OUT OF WATER: Probe 1 ~1100 Probe 2 ~1115 Probe 3 ~1130

TIME OLD CASSETTE REMOVED 1002 [NOTE: THERE MAY BE A PROBLEM. WE BELIEVE THERE IS NO 1000 RECORD - ASSUME LAST RECORD @ 043.

OLD CASSETTE LABEL:* C E | 05 | 07 | . | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [X] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Old DID YOU CLOSE THE LATCH? [X]

TIME RECORDER RESET 1300 - Probes working well ... @ 1310

TIME ALL METERS SUBMERGED: Probe 3 ~1220 Probe 2 ~1240 Probe 1 ~1300

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

YES 1300 18 July 1977 -

REMARKS (problems with equipment, etc.):

ALL METERS DOWN 800

PROBE SPACING IS FUNNY. THIS SHOULD BE CHECKED BY PHILL

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) GRIZZLY BAY * STATION NUMBER * 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out) July * DAY 18 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1400

DEPARTURE TIME Conrad Rehrich 1645

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.95	13.02	1.3				1.3	5.82	2089	0
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1450

TIME METERS OUT OF WATER: Probe 1 APROX 1500 ~~Probe 2~~ Probe 3

TIME OLD CASSETTE REMOVED 1421

OLD CASSETTE LABEL:* [C E] [06] [07] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [Yes] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [Old] DID YOU CLOSE THE LATCH? [Yes]

TIME RECORDER RESET 1630

TIME ALL METERS SUBMERGED: ~~Probe 3~~ ~~Probe 2~~ Probe 1 ~ 1645

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

Much fouling. Shaded added in meter setup
Fouling probably led to bad turbidity readings

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) SAN PABLO BAY * STATION NUMBER * 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 6 * YEAR 77 *

CALIFORNIA ARRIVAL TIME [illegible]

DEPARTURE TIME 1005

(leave blank)

RECORDER'S SIGNATURE Conrad Rutsit

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	[illegible]	[illegible]	.6	[illegible]	[illegible]	[illegible]	.6	32.53	[illegible]	[illegible]
PROBE 2 (mid)				1.7	[illegible]	[illegible]	220	1.7	34.75	[illegible]	[illegible]
PROBE 3 (bottom)				1.1	[illegible]	[illegible]	190	29.2	34.26	[illegible]	[illegible]

INTERROGATION TIME [illegible]

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED [illegible]

OLD CASSETTE LABEL:* C E | 01 | C7 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? [illegible]

TIME RECORDER RESET 1000

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CHANNEL 2 * STATION NUMBER * 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 6 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1100

DEPARTURE TIME 1430

(leave blank)

RECORDER'S SIGNATURE Conrad Reichert

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☒
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other Bypass probe 2 (Pump turbidity comments)

OLD BATS

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		11.9	11.9	.2	+0.16	-0.5	183	-.2	20.26	20.14	3.6
PROBE 2 (mid)				.1	+0.5	-0.2	120	.1	26.43	20.05	0.0
PROBE 3 (bottom)				1.0	±0.0	-0.01	216	26.3	24.2	20.0	7.01 ??

some variation

INTERROGATION TIME 1115

TIME METERS OUT OF WATER: Probe 1 about 1200 all were out Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1115

OLD CASSETTE LABEL:* C E | 02 (Station Number, 2 digits) | 07 (Start Month, 2 digits) | P ← write A or B

IS NEW TAPE IN CORRECTLY? ☒ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☒ DID YOU CLOSE THE LATCH? ☒

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 APROX Probe 2 _____ Probe 1 1415

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

We saw it advance

REMARKS (problems with equipment, etc.):

Note. Conductivity on #2 is ok. We changed turbidity comments on probe 2. We cleaned turb. connection on probe 3.

NOTE: Probe 3 connector pin is ready to come out at the base. OVER →

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO - CHIPPS ISLAND

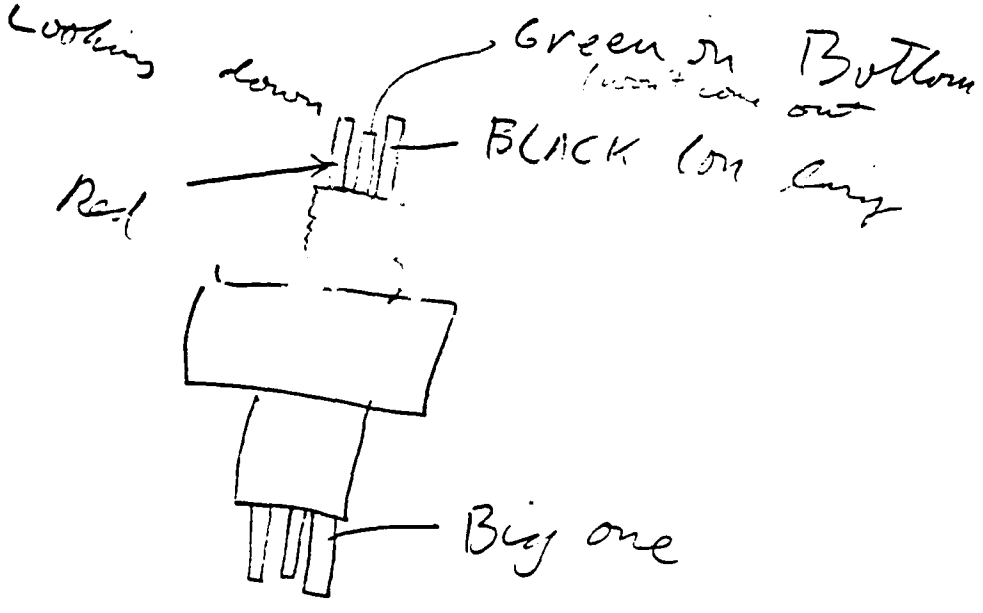
STATION NAMES

6 Aug 1979

STATION 1	San Pablo (#9)
STATION 2	Carquinez Straits (dock)
STATION 3	Benicia/Martinez Bridge (#6)
STATION 4	Port Chicago (#19)
STATION 5	Chipps Island (#27)
STATION 6	Grizzley Bay (dolphin)

When we first it, we got around 4 c. conductors
We changed the cable after noting
did not work. It now works fine
with a NEW
cable.
CR





CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) BENICIA * STATION NUMBER * 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 6 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1510

DEPARTURE TIME 1550

(leave blank)

RECORDER'S SIGNATURE Conrad Nichols

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	12.67	12.76	1.5	+.019	+.029	273	1.5	20.15	19.95	0.1
PROBE 2 (mid)				.5	+.013	-.042	128	.5	22.25	19.96	1.6
PROBE 3 (bottom)				.4	+.020	-.012	137	+31.30	20.90	19.95	-.1

} your calibrate.

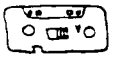
INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED ~ 1515

OLD CASSETTE LABEL:* | C E | 03 | 07 | . | B | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐

DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 1530

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):
CATTLE ICRAINIC PRETTY BADLY FROZEN - TOOK SOME TIME TO FIX

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) POINT CHICAGO * STATION NUMBER 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 6 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1805

DEPARTURE TIME 2045 !

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other CHANGE DEPTH PROBE

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	Unin...	internal		.7	04	-02	333	.7	2.6	52.5	428 ~??
PROBE 2 (mid)				1.4	+0.04	0.52	180	1.4	13.78	20.78	0.5
PROBE 3 (bottom)				.5	-0.08	+0.2	1.3	2.3	006	3.33	0.5 ~

INTERROGATION TIME 1815

TIME METERS OUT OF WATER: Probe 1 APROX 1900 Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1810

OLD CASSETTE LABEL:* C E | 04 | 07 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 2030

ONLY MIDDLE PROBE LEFT ON AND BOTTOM TOUCHED

TIME ALL METERS SUBMERGED: Probe 3 GONE Probe 2 0825 Probe 1 GONE

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.): OLD TAPE "BOTTOMED OUT" We don't know when it stopped. Old batteries not usable

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CHIPPS ISLAND * STATION NUMBER * 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out) August 6 * DAY 6 * YEAR 94 *

CALIFORNIA ARRIVAL TIME ~~DRIFT~~ 1630

DEPARTURE TIME 1735

(leave blank)

RECORDER'S SIGNATURE Conrad Rehrig

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	~~0.00~~	12.30	12.64	.8	+.20	-0.20	300	-.8	+9.70	21.5	7.2
PROBE 2 (mid)				.3	+0.05	-.10	298	-.30	+9.70	20.92	-.2
PROBE 3 (bottom)				1.25	+.025	-.015	243	21.34	+9.57	21.12	-.1

INTERROGATION TIME 1645

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1635

OLD CASSETTE LABEL:* C E | 05 (Station Number, 2 digits) | 07 (Start Month, 2 digits) · B ← write A or B

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐

DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET ~~1730~~ 1730

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): NOTE: TVC lists ~~1~~ first record. Tape was found formatted with a bad record. First valid record at 1700 is bad. Delete first data record. This was caused by a weak document.

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) GRIZZLY BAY * STATION NUMBER * 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 6 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 2135

DEPARTURE TIME 2207

(leave blank)

RECORDER'S SIGNATURE Conrad Reiboldt

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.0	12.5	12.2	1.3				1.3/	9.58	21.1	0.0
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 2150

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 2140

OLD CASSETTE LABEL:* C E | 06 | 07 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 2210

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 22 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1205

DEPARTURE TIME 1450

(leave blank)

RECORDER'S SIGNATURE Conrad Rebenitz

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

OLD 34775

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	11.7	12.0	.6	-0.7	-0.5	209	0.6	30.85	19.02	25.
PROBE 2 (mid)				1.7	-0.7	+.3	257	1.7	33.12	19.58	10
PROBE 3 (bottom)				1.1	-0.05	-0.06	172	30.8	33.78	19.97	0 ?

INTERROGATION TIME 1217

TIME METERS OUT OF WATER: Probe 1 APPOX 1230 Probe 2 ~ 1245 Probe 3 APPROX 1300

TIME OLD CASSETTE REMOVED 1215 => Last recorded 1200

OLD CASSETTE LABEL:* | C E | 01 | 08 | . | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  Yes

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * N/A

DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 ~ 1345 Probe 2 ~ 1415 Probe 1 ~ 1430

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1330 AUG 22 79

REMARKS (problems with equipment, etc.):

EPOXY PUT ON ALL CURRENT PROBES

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CARQUINEZ * STATION NUMBER * 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 22 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1620

DEPARTURE TIME 1830

(leave blank)

RECORDER'S SIGNATURE Conrad Rebich

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0000	11.8	12.5	.19	+.02	+.2	188	.19	32.62	20.23	46.7
PROBE 2 (mid)				.09	+.01	-.01	316	.10	29.79	20.24	30.9
PROBE 3 (bottom)				.99	-.01	-.02	227	29.22	30.91	20.25	-VE

Probably bad pin

INTERROGATION TIME 1630 (Possibly blue box in middle of recording)

TIME METERS OUT OF WATER: Probe 1 ~1620x 1645 STUCK Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1635 (last record 1630)

OLD CASSETTE LABEL:* C E | 02 (Station Number, 2 digits) | 08 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY? [sketch] Yes

DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * Yes

DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1700

TIME ALL METERS SUBMERGED: Probe 3 1745 Probe 2 ~1800 Probe 1 1720

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1700 August 22 1979

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) BENICIA * STATION NUMBER * 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 23 * YEAR 1977 *

CALIFORNIA ARRIVAL TIME 0855

DEPARTURE TIME 1145

(leave blank)

RECORDER'S SIGNATURE Conrad Rockmore

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BAT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	000	12.1	12.5	1.5	.33	.30	257	1.5	15.10	20.21	+.5
PROBE 2 (mid)				.5	-.1	+.1	070	-.5	19.01	20.22	00
PROBE 3 (bottom)				.4	-.25	-.1	040	27.94	13.09	20.2	0

INTERROGATION TIME 0918

TIME METERS OUT OF WATER: Probe 1 0920 Probe 2 ~0950 Probe 3 1000

TIME OLD CASSETTE REMOVED ~0905

OLD CASSETTE LABEL:* [C E] [03] [08] . [A] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [X] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [X]

DID YOU CLOSE THE LATCH? [X]

TIME RECORDER RESET 1100

TIME ALL METERS SUBMERGED: Probe 3 1040 Probe 2 ~ Probe 1 1120 DIDN'T

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):
MAY BE DATA PROBLEMS - GRND CONNECT MAY HAVE BEEN LOOSENED

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) PORT CHICAGO * STATION NUMBER * 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 23 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1900

DEPARTURE TIME 2030

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)	000	11.56	12.39	1.39	+.07	+.12	210	1.38	13.15	208	-3
PROBE 3 (bottom)											

INTERROGATION TIME APROX 1910

TIME METERS OUT OF WATER: Probe 1 — Probe 2 2015 Probe 3 ABOUT 2000

TIME OLD CASSETTE REMOVED 1915

OLD CASSETTE LABEL:* [C E] [04] [08] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ]

DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 1930

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CHIPPS ISLAND * STATION NUMBER * 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 23 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1600

DEPARTURE TIME 1815

(leave blank)

RECORDER'S SIGNATURE Conrad Rukeith

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	00	11.7	12.4	081	+.06	-1.4	210	.8	4.40	21.60	-1.0
PROBE 2 (mid)				.3	+.45	-1.5	198	-.3	6.0	21.11	-.4
PROBE 3 (bottom)				1.2	+1.3	-.2	138	21.9	4.44	21.5	-.1
					1.2	-.1	135				

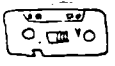
INTERROGATION TIME 1616

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1615

OLD CASSETTE LABEL:* [C E] [05] [08] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 1730

TIME ALL METERS SUBMERGED: Probe 3 ~1720 Probe 2 ~1745 Probe 1 1800

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1800 —

REMARKS (problems with equipment, etc.): ~~The tape would not advance w.~~ the old batteries. There is tape on the recorder. There may be problem at the end of the file. SEE BACK

CORPS OF ENGINEERS PROJECT DACW07-78-0049
SAN PABLO - CHIPPS ISLAND
STATION NAMES

STATION 1	San Pablo (#9)
STATION 2	Carquinez Straits (dock)
STATION 3	Benicia/Martinez Bridge (#6)
STATION 4	Port Chicago (#19)
STATION 5	Chipps Island (#27)
STATION 6	Grizzley Bay (dolphin)

TAPE MAY HAVE BEEN JAMMED.
WOULD NOT ADVANCE EXCEPT WITH
HEAD LATCH CLOSED. ALL OTHER TAPES &
RECORDERS ALLOW TAPE ADVANCE
WITHOUT LATCH CLOSED. NEW TAPE
ADVANCED NORMALLY

Station 5 - 23 Aug 79
cc0508.a

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) GRIZZLY BAY * STATION NUMBER * 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out) AUGUST * DAY 23 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1320

DEPARTURE TIME 1445

(leave blank)

RECORDER'S SIGNATURE Conrad Rehsteiner

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	000	12.3	12.6	1.31				1.31	4.40	2080	0
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1325

TIME METERS OUT OF WATER: Probe 1 ~1335 Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1327 (last good record 1300*) * MAY BE AN EARLY RECORD AT 1330 - BATTERIES RAISE 1329

OLD CASSETTE LABEL:* | C E | 06 | 08 | . | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [X] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [X] DID YOU CLOSE THE LATCH? [X]

TIME RECORDER RESET 1430

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 ~1428

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

NOTE: And there may be an extra record on top of that. So: Assume beginning of garbage is after 1300. Last good record at 1300.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA CALENDAR DATE: MONTH (spell out) SEPT. * DAY 17 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 0950

DEPARTURE TIME ~~0917~~ 1010

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐

3) Tape Change ☑ 4) Battery Change ☐

5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.002	12.4	12.5	0.6	-0.2	0.8	211	0.6	34.28	20.95	48
PROBE 2 (mid)				1.7	-0.5	+0.10	247	1.7	35.94	20.58	5.5
PROBE 3 (bottom)				1.1	-0.1	-0.6	176	30.7	35.45	20.97	0.3

INTERROGATION TIME 1005

TIME METERS OUT OF WATER: Probe 1 -NA- Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 0955

OLD CASSETTE LABEL:* C E | 01 (Station Number, 2 digits) | 08 (Start Month, 2 digits) · B ← write A or B

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1000

TIME ALL METERS SUBMERGED: Probe 3 -NA- Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1000, 17 SEPT. 79

REMARKS (problems with equipment, etc.):

all ok

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez * STATION NUMBER * 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out) Sept. * DAY 17 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1040

DEPARTURE TIME 1105

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☑
3) Tape Change ☑
4) Battery Change ☑
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.003	12.3	12.23	0.2	+0.1	-0.2	185	-0.2	27.28	21.65	0.6
PROBE 2 (mid)				0.1	-0	+0.05	316	-0.1	28.13	21.54	7.4
PROBE 3 (bottom)				1.0	-0.1	-0.2	220	29.9	29.06	21.58	29

INTERROGATION TIME 1055

TIME METERS OUT OF WATER: Probe 1 — NA — Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED ~~1042~~ 1042

OLD CASSETTE LABEL:* C E | 02 | 08 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1100

TIME ALL METERS SUBMERGED: Probe 3 — NA — Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1100 17 Sept 79

REMARKS (problems with equipment, etc.):

all seems OK-
trash, probe, fouled

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia * STATION NUMBER * 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out) Sept * DAY 17 YEAR 79 *

CALIFORNIA ARRIVAL TIME 1735

DEPARTURE TIME ~~1520~~ 1835

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	+0.001	11.94	-12.0	1.5	+0.67	-0.1	226	~~-2.15~~	18.8	21.9	20.7
PROBE 2 (mid)				0.5	~~-0.13~~	+0.66	53	-0.5	19.98	21.8	3.4
PROBE 3 (bottom)				0.4	-0.13	+0.12	71	28.9'	20.79	21.75	0.1

INTERROGATION TIME 1805 - 1812

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1745

OLD CASSETTE LABEL:* C E | 03 | 08 | 6 ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1900 1st usable 1830.

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1800 17 Sept. 1979

REMARKS (problems with equipment, etc.): Power interrupt: 1815 - recorder out
disconnect at 1830 and reset at 1830 new record
all seems OK (+,-)
Paper tape advanced

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out) Sept * DAY 17 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1230

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE R. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.0	12.3	12.3								
PROBE 2 (mid)				1.4	-0.2	0.7	360	-1.4	14.65	21.84	1
PROBE 3 (bottom)				0.9	-0.2	-0.8	180	31.3	13.7	21.04	0.5

INTERROGATION TIME 1340

TIME METERS OUT OF WATER: Probe 1 NA Probe 2 Probe 3

TIME OLD CASSETTE REMOVED 1325

OLD CASSETTE LABEL:* C E | 04 (↑Station Number (2 digits)) | 08 (↑ Start Month (2 digits)) · B ← write A or B

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 NA Probe 2 Probe 1

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1330, 17 Sept 79

REMARKS (problems with equipment, etc.):
replaced meter returned from Interocean w mounting tab (#004) missing - couldnt replace

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chipps Island * STATION NUMBER * 5

CALIFORNIA CALENDAR DATE: MONTH (spell out) Sept * DAY 17 * YEAR 79 *

CALIFORNIA ARRIVAL TIME @ 1540

DEPARTURE TIME 1625

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑

3) Tape Change ☑ 4) Battery Change ☑

5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.85	11.83	0.8	0.34	-0.18	295	0.8	+7.6	22.1	-1.0
ROBE 2 (mid)				0.3	0.28	-0.05	291	0.3	+9.87	22.4	-0.2
PROBE 3 (bottom)				1.2	0.15	0.14	235	2.5	8.20	22.0	-2.0

INTERROGATION TIME 1610-1619

TIME METERS OUT OF WATER: Probe 1 — NA Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1555 — ~1/3 full

OLD CASSETTE LABEL:* C E | 05 | 08 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 1600

TIME ALL METERS SUBMERGED: Probe 3 — Probe 2 NA Probe 1 —

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1606 17 Sept 79

REMARKS (problems with equipment, etc.): little tape taken up on old tape upon arrival — batteries dead recorder runs on new batteries

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley Bay * STATION NUMBER * 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out) Sept. * DAY 17 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1658

DEPARTURE TIME 1710

(leave blank)

RECORDER'S SIGNATURE R. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.0	12.37	12.59	1.3	—	—		-1.3	8 42	22.3	0.1
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1705

TIME METERS OUT OF WATER: Probe 1 _____ ~~Probe 2~~ _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1658

OLD CASSETTE LABEL:* C E | 06 (Station Number, 2 digits) | 08 (Start Month, 2 digits) · B ← write A or B

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1700

TIME ALL METERS SUBMERGED: Probe 3 — Probe 2 NA Probe 1 —

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1700 Sept 1779

REMARKS (problems with equipment, etc.):

OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

. ATION (spell out) Grizzly Bay * STATION NUMBER * 9

CALIFORNIA
CALENDAR DATE: MONTH (spell out) October * DAY 3 * YEAR 1978 *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME _____

(leave blank) last record 0506 on A - 1730 [illegible] 79

RECORDER'S SIGNATURE per data interrupt sheet

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☐
5) Damage Repair ☐
6) Other removed instrument

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

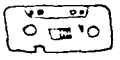
INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1630 = 1730

OLD CASSETTE LABEL:* [C E] [09] [10] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET _____

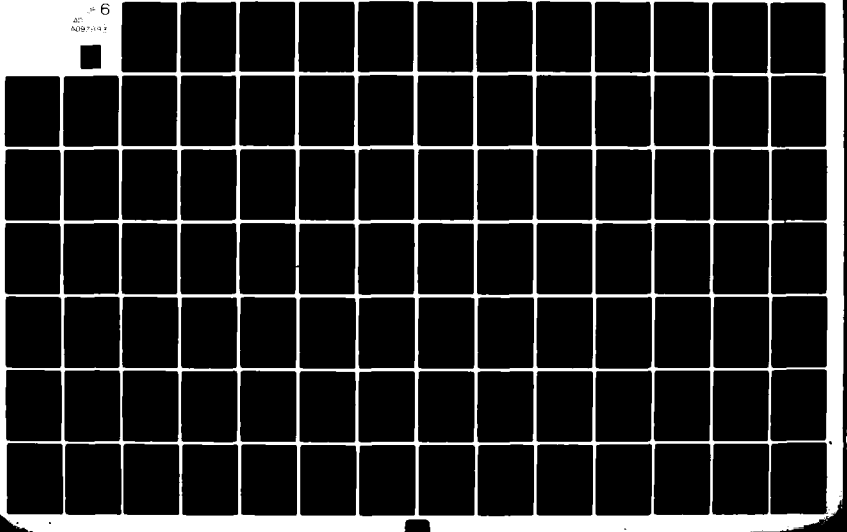
TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

AD-A097 893 KINNETIC LABS INC SANTA CRUZ CA F/G 8/8
IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA:--ETC(U)
MAR 81 DACW07-78-C-0049
UNCLASSIFIED KLI-81-1-APP-12 NL



CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

WL LOGGER CHECK SHEET

STATION (spell out) Chipps Island * STATION NUMBER * 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out) October * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME _____

(leave blank) last record recovered = 2300 275 1979

RECORDER'S SIGNATURE per data interrupt sheet

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other retrieved instruments

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1600 = 2300

OLD CASSETTE LABEL:* C E | 25 | 54 . A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

S NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

..TION (spell out) Part Chipps * STATION NUMBER * 7

CALIFORNIA
CALENDAR DATE: MONTH (spell out) October * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME _____

(leave blank) last record of file A = 2130 [illegible]

RECORDER'S SIGNATURE for data interrogation sheet

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☐
5) Damage Repair ☐
6) Other remove instrum[illegible]

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
ROBE 1 (top)											
..OBE 2 (mid)											
PROBE 3 (bottom)											

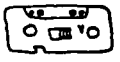
INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1430 = 2130

OLD CASSETTE LABEL:* [C E] [7 9] [1 0] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

S NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

F YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia * STATION NUMBER * 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out) October * DAY 3 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME _____

(leave blank) last record 0003CF A = 1900 276 1979

RECORDER'S SIGNATURE per data interrupt sheet

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☐
5) Damage Repair ☐
6) Other removed instruments

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 2000 = 1900

OLD CASSETTE LABEL:* [C E] [03] [09] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ☐

ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez * STATION NUMBER * C

CALIFORNIA
CALENDAR DATE: MONTH (spell out) October * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME _____

(leave blank) last record 0000 A: 1930 295 1979

RECORDER'S SIGNATURE per data interrupt sheet

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☐
5) Damage Repair ☐
6) Other removed instruments

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 12:30 = 1930

OLD CASSETTE LABEL:* C E | C2 | C9 | . | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

ATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out) Oct. 2 * DAY 2 * YEAR 79 *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME _____

(leave blank) last record written: [illegible]
recorder was [illegible]

RECORDER'S SIGNATURE per data interrupt sheet

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☐
5) Damage Repair ☐
6) Other remove [illegible]

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 10:30 = 1730

OLD CASSETTE LABEL:* C E [illegible] [illegible] . [illegible] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET ~

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

TATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) November * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1730

DEPARTURE TIME 1835

(leave blank)

RECORDER'S SIGNATURE Pacer Tops

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other INSTALL THE WORKS

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		+12.0	-9.5	0.0	-.25	+1.40	140		29.2	16.5	71.0
ROBE 2 (mid)				1.7	-.2	+1.22	155		29.5	16.5	17.0
PROBE 3 (bottom)				1.1	-.84	-.3	35	30.6	29.3	16.6	69.2

INTERROGATION TIME 1750

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ]

DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1900

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1900 2 Nov 79

REMARKS (problems with equipment, etc.):

PST Time Set

1725 Σ MC 0.68
Σ RC 0.68

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez Straights * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) November * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1610

DEPARTURE TIME 1705

(leave blank)

RECORDER'S SIGNATURE Peter Nolan

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other METER INSTALL

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.5	-11.75	.2	-.03	+1.8	181	.2	27.18	16.47	50
PROBE 2 (mid)				.1	-.09	+2.6	268	.1	27.33	16.60	40
PROBE 3 (bottom)				1.0	+.02	-0.12	348	25.2	27.4	16.32	38

INTERROGATION TIME 1625

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  Yes DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * N/A DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1700

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1700 November 2, 1979

REMARKS (problems with equipment, etc.):

PRT		T set
1030	MC	0
1030	RC	0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) November * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1105

DEPARTURE TIME 1305

(leave blank)

RECORDER'S SIGNATURE Peter M. Welch

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other METER INSTAL

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)				1.5	-.3	+.8	270	-1.49	+2.6	16.6F	15.8
PROBE 2 (mid)				.5	-.2	+.6	270	-.5.	+6.9	16.7	0
PROBE 3 (bottom)	0	+12.18	-12.2	.5	+.7	-0.9	91	+32.86	-.03	16.3	8.5

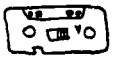
INTERROGATION TIME 1225

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | | | . | | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1300

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1300 2Nov79 PW

REMARKS (problems with equipment, etc.):

PRT		T Set
1030	MC	0
1127	RC	0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Point Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) November * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1330

DEPARTURE TIME 1535

(leave blank)

RECORDER'S SIGNATURE Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐

3) Tape Change ☐ 4) Battery Change ☐

5) Damage Repair ☐ 6) Other METER INSTAL

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	+12.52	-12.62	+.3	-.7	+.18	95	+.9	15.35	15.2	42.0
PROBE 2 (mid)				1.39	-.18	-.54	9	-13.8	16.3	16.7	39.2
PROBE 3 (bottom)				1.58	-.37	-.08	9	29.1	16.5	16.3	36.8

INTERROGATION TIME 1510

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1530

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1530 - 2 Nov 79

REMARKS (problems with equipment, etc.):

PTT	T SET	
1030	KC	0
1030	RC	0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

:ATION (spell out) Chipps Island * STATION NUMBER * 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out) November * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1005

DEPARTURE TIME 1037

(leave blank)

RECORDER'S SIGNATURE Peter M Welch

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other METER INSTAL.

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.37	-12.38	1.80	-1.28	1.55	150	1.79	4.62	16.8	4.3
OBE 2 (mid)				.81	-0.68	1.74	360	8.05	4.68	16.3	5.8
PROBE 3 (bottom)	0			1.2	1.35	0.82	90	/22.8	5.0	16.1	6.8

INTERROGATION TIME 1025

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED NA

OLD CASSETTE LABEL:* C E [ ][ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  Yes DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * NA DID YOU CLOSE THE LATCH? Yes

TIME RECORDER RESET 1030

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1030, November 2 1979

REMARKS (problems with equipment, etc.):

PTT		T Set
1030	RC	0
1030	RC	0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

:ATION (spell out) Grizzly Bay * STATION NUMBER * 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out) November * DAY 2 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1110

DEPARTURE TIME 1135

(leave blank)
Why?

RECORDER'S SIGNATURE Peter M Welde

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other Meter Test.

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.56	11.77								
ROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1121

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E [ ][ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

PRT		Test
1030	RC	0
1035	RC	0

+ID voltage not constant.
Meter giving unbelievable values -
Waiting to return to ship
for ...

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley Bay * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) November * DAY 6 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1130

DEPARTURE TIME 1240

(leave blank)

RECORDER'S SIGNATURE MB

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

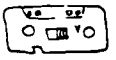
	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	+12.9	-12.4	1.3	—	—	—	—	10.7	15.9	20.9
ROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1220

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY?  ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1230

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1230 6 Nov' 79

REMARKS (problems with equipment, etc.):

PPT 12:20 { PC RC

clock values
9.79
9.80

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) SAN PABLO * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) Nov * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1635

DEPARTURE TIME 1705

(leave blank)

RECORDER'S SIGNATURE R. L. Green

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other

New B's { +12.3 / -12.5

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		11.4	12.0	0.6	+0.4	+0.1	68	0.6	26.1	12.9	328
OBE 2 (mid)				1.2							
PROBE 3 (bottom)				1.1	-0.1	+0.9	340	35.3	29.7	13.2	71.5

INTERROGATION TIME 1645 M.C. 6068 EC-5984 AT 1700 PST

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1650

OLD CASSETTE LABEL:* C E | 01 (Station Number, 2 digits) | 11 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ☑

ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1700

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1700 5 Dec 27 Nov 79

REMARKS (problems with equipment, etc.):

TR OF #332 Lock BAD

22 Acres
From water to BT

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CARQUINEZ * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) NOV * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1525

DEPARTURE TIME 1603

(leave blank)

RECORDER'S SIGNATURE R S Tuey

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☐
3) Tape Change ☒
4) Battery Change ☒
5) Damage Repair ☐
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.2	12.4	0.2	±0.2	±0.9	194	0.2	14.9	12.9	6.5
PROBE 2 (mid)				0.1	-1.7	±2.7	330	0.1	14.9	13.1	27.5
PROBE 3 (bottom)				1.0	±0.1	±0.0	346	27.2	15.3	12.7	38

INTERROGATION TIME 1552 M.C. 6059 R.C = 6064 AT 1600 PST

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1550

OLD CASSETTE LABEL:* C E | 02 (Station Number, 2 digits) | 11 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1600

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1600 PST 27 NOV 79

REMARKS (problems with equipment, etc.):

WATER in bottom of Box
Needs hole drilled

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) BENICIA * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) Nov * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1430

DEPARTURE TIME 1504

(leave blank)

RECORDER'S SIGNATURE R. L. [illegible]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

New Batteries: +12.2 / -12.1

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.3	11.6	1.5	±1.5	±0.6	190	1.5	11	13	26
PROBE 2 (mid)				0.5	±1.0	±0.4	193	0.5	2	13	29
PROBE 3 (bottom)				0.3	0.4	0.1	40	29.3	14.3	12.7	13

INTERROGATION TIME 1434 MC=6047 RC=6064 1500 PST

TIME METERS OUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

TIME OLD CASSETTE REMOVED 1434

OLD CASSETTE LABEL:* C E | 03 | 11 | A ← — write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET ~1500

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1500 S. Pace 27 Nov 79

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) PORT CHICAGO * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) NOV. * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 0940

DEPARTURE TIME 1545

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☒ 6) Other Exchange meter parts

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		11.9	11.9	.3	+2	-3	70°	.3	3.7	11.1	4
OBE 2 (mid)				1.9	-.9	-1.6	38°	1.9	4.8	12.7	3.5
PROBE 3 (bottom)				.9	-.9	-.6	[illegible]	28.4	5	11.9	2.9

INTERROGATION TIME Mc = 6302 Rc = 6298

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1515

OLD CASSETTE LABEL:* C E | 04 | 11 | . | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ ✓ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1530

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1530 S. Pace 28 Nov 79

R/S (problems with equipment, etc.):
PROBE #3 ERRATIC ON TURBIDITY BM-236
1318 on 1/10 Tape

BAD HEADING

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

ATION (spell out) CHIPPS ISLAND * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) NOV. * DAY 27 * YEAR '79 *

CALIFORNIA ARRIVAL TIME 0950

DEPARTURE TIME 1238

(leave blank)

RECORDER'S SIGNATURE R. E. Green

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0	11.4	11.2	1.8	-0.5	1.4	173	1.9	3.1	12.1	-3
OBE 2 (mid)				0.9	-0.4	2.7	43	2.9	3.7	12.6	-2
PROBE 3 (bottom)				1.2	0.5	3.3	2	-2.1	3.7	-.5	2.7

INTERROGATION TIME 1220 M.C. = 6025 R.C. 6020 AT 1230

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1020

OLD CASSETTE LABEL:* [C E] [05] [11] · [A] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1230

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

ARKS (problems with equipment, etc.):

241 cm to WATER Line From BM

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) GRIZZLEY BAY * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) Nov. * DAY 28 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1615

DEPARTURE TIME 1705

(leave blank)

RECORDER'S SIGNATURE R E. Brun

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other Reset meter clock

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.1	12.1	1.3	\	\	\	\	4.5	11.9	8.2
OBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1610 M.C. = 6315 R.C. = 6319 AT 1700 PST

TIME METERS OUT OF WATER: Probe 1 — Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1695

OLD CASSETTE LABEL:* C E | 06 (↑Station Number (2 digits)) | 11 (↑ Start Month (2 digits)) . A ← write A or B

IS NEW TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ☐

ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 1700

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1700 Nov 28 79

MARKS (problems with equipment, etc.):

...S OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

...TION (spell out) SAN PABLO * STATION NUMBER * 1

...LIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 11 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 10:45

DEPARTURE TIME 11:20

(leave blank)

RECORDER'S SIGNATURE Frank Cavanelli

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

NEW → +12 -11.7 INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	•	11.3	-12.3	.6	-.6	+.2	90°		27.7	12.3	105
...OBE 2 (mid)				1.7	-.9	-.1	24°		30.8	12.8	93
PROBE 3 (bottom)				1.1	+.2	-.9	273°	34.8	31.7	12.9	85

INTERROGATION TIME 11:10

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1055

OLD CASSETTE LABEL:* [C E] [01] [11] · [B] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [YES] [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 11:22

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1100 Sun 11 Dec 79

...ARKS (problems with equipment, etc.):
R.C.- 21.5Ω P.U.T. - 1100 M.C. 220Ω
B.V.-300 cm

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CARQUINEZ * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 11 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 12:00

DEPARTURE TIME 1445

(leave blank)

RECORDER'S SIGNATURE Frank Cranmell

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

NEW 12.2 11.7 INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	0.0 →	11.7	12.3	-2	+.3	1.1	200°		13.5	12.5	58
OBE 2 (mid)				.1	-1.1	+2.4	320°		13.3	12.4	54
PROBE 3 (bottom)				1	+.3	-.4	360°	27.3	19.1	12.2	55

INTERROGATION TIME 14:30

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [02] [11] . [B] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [YES OR NO] [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1430

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1430 Same 11 Dec 79

REMARKS (problems with equipment, etc.):

RC-2222
PAT-
AL-2243 BU-2244

TURBIDITY CABLE SEVERED SUB-ON PROBE #1.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0149

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) BENICIA * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 11 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1515

DEPARTURE TIME 1605

(leave blank)

RECORDER'S SIGNATURE Frank Caramelli

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☑ 6) Other REPAIRS

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.9	-12.7	1.5	+.4	-.1	247°		11.9	12.4	42
OBE 2 (mid)				.5	+.3	+.04	24½°		4.8	12.3	83
PROBE 3 (bottom)				2.5	+.1	-.3	62°	37.3	.06	12.0	58

INTERROGATION TIME 1545

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1530

OLD CASSETTE LABEL:* [C E] [03] [11] . [B] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [YES] [—] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [—] DID YOU CLOSE THE LATCH? [—]

TIME RECORDER RESET 1600

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1600 Sept 11 Dec 79

REMARKS (problems with equipment, etc.): Battery
BAT-1600 all Battery Empty of Acid - Broken
RC-2253 Broken Recorder Replaced Before [illegible]

TAPS OF ENGINEERS FROM T DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

TATION (spell out) PORT CHICAGO * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 12 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1045

DEPARTURE TIME 1135

(leave blank)

RECORDER'S SIGNATURE Frank Cucinelli

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
OBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1130

OLD CASSETTE LABEL:* C E | 04 | 11 | · | B | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? C ☐ C ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1130

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1130 5 Dec 79

REMARKS (problems with equipment, etc.):

BLUE BOX Broken
Replace Batteries

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CHIPPS ISLAND * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 12 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1153

DEPARTURE TIME 1240

(leave blank)

RECORDER'S SIGNATURE Frank Caramella

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [✓] 2) Instrument Check [✓]
3) Tape Change [✓] 4) Battery Change [✓]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)			✓								
PROBE 2 (mid)											
PROBE 3 (bottom)		50									

INTERROGATION TIME 1240 X 1

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [05] [11] . [B] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1230

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1730 S. Pulse 12 Dec '79

REMARKS (problems with equipment, etc.):

BLUE BOY BROKEN drive line

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) GRIZZLEY BAY * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER DAY 12 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1315

DEPARTURE TIME 1400

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other NEW ZINC

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME ✓

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1320

OLD CASSETTE LABEL:* C E | 02 | 11 | B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1330 S. Pac 12 Dec 79

REMARKS (problems with equipment, etc.): Changed Zinc Battery & Tape

BLUE BOX BOARD

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) PORT CHICAGO * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) DEC. * DAY 18 * YEAR '79 *

CALIFORNIA ARRIVAL TIME 1230

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE R.S. Green

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☒
3) Tape Change ☐
4) Battery Change ☐
5) Damage Repair ☐
6) Other Replace Standoff

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.9	12.7	11.4	1.1	1.0	105		10.8	10.9	169
PROBE 2 (mid)				1.4	0.9	1.5	48		14.0	11.2	46
PROBE 3 (bottom)				1.0	0.8	1.6	671	32	15.3	12.5	176

multiply by 10. for the reading.

INTERROGATION TIME Q.C. = 4200 (Intermittent) P.M.T. = 1700
M.C. = 3905

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ]

DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

USE OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) CHIPPS ISLAND * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 18 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 11:35

DEPARTURE TIME 1202

(leave blank)

RECORDER'S SIGNATURE Frank Casmelli

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☐ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

NEW = 12.5 - 12.3 INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.9	13.7	1.9	-0.1	+1.8	192°		5.5	125	2.9
PROBE 2 (mid)				.9	+0.4	+1.4	55°		5.8	95	6.4
PROBE 3 (bottom)				1.3	+1.7	-0.1	2°	24	5.9	95	124

INTERROGATION TIME 11:40

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 12:00

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

NEW BATTERIES.
NEW TAPE

...E OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) GRIZZLEY BAY * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) DECEMBER * DAY 18 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1040

DEPARTURE TIME 1050

(leave blank)

RECORDER'S SIGNATURE Frank Caramelli

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [✓] 2) Instrument Check [✓]
3) Tape Change [ ] 4) Battery Change [ ]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.2	11.9	1.3					10.9	10.9	21
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1045

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

...ERS (probe ...quipment):

BLUE BOX READS 0 FOR V_x, V_y
DIR, -ID.

[illegible] PROJECT LA[illegible]-7[illegible]-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo (#9) * STATION NUMBER * 41

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1248

DEPARTURE TIME 1425

(leave blank)

RECORDER'S SIGNATURE Jim Bann

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

old 10.9 -11.3 INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
ROBE 2 (mid)											
PROBE 3 (bottom)											

new 12.2 -12.5

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1315

OLD CASSETTE LABEL:* C E | 01 | 12 | . | A | ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ☑
ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET Reset at 1330 1400

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
Sept

REMARKS (problems with equipment, etc.):
50% EQUIPMENT SEE MY NOTES

... PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez Straits (dock) * STATION NUMBER * #2

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1445

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE Jim Bass

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other

old

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

new 12.2 12.5

INTERROGATION TIME

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? C E C ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☐ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET

TIME ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

[illegible] PROJECT [illegible]-78-C-0049

[illegible] - CHILE ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia (#6) * STATION NUMBER * #3

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1122

DEPARTURE TIME 1210

(leave blank)

RECORDER'S SIGNATURE Jane Bamm

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
old		11.9	11.8								
PROBE 1 (top)											
ROBE 2 (mid)											
PROBE 3 (bottom)											
new		11.4	12.2								

INTERROGATION TIME Blue Box Broken

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1140

OLD CASSETTE LABEL:* C E 0[illegible] 1[illegible] . A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☐ ✓ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ☐

TIME RECORDER RESET 1200

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1200 Else 27 Dec 79

REMARKS (problems with equipment, etc.):

Replaced Benicia recorder that Dave repaired & removed Coquimbo Recorder.

[illegible] PROJECT DACW07-78-C-0049

SAN [illegible] - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago (#19) * STATION NUMBER * #4

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 27 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1400

DEPARTURE TIME 1620

(leave blank)

RECORDER'S SIGNATURE Jeri Cary Bom

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [X]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
ROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 04 (Station Number, 2 digits) | 12 (Start Month, 2 digits) | A ← write A or B

IS NEW TAPE IN CORRECTLY? [C E 'C] [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.): Power off @ 1430

...S OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 27 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1215

DEPARTURE TIME 1045

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		15V	15V	?	—	—	Removed	—	—	—	—
PROBE 2 (mid)				"	—	—	Functioning, but	—	—	—	—
PROBE 3 (bottom)					—	—	—	NO Blue Box			Data

INTERROGATION TIME Blue Box Broke w/ TEST of other

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED

OLD CASSETTE LABEL:* C E 79 - 12 · A ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? C ☐ C ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET reset at 1030

TIME ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1030 Spun 27 Dec 79

REMARKS (problems with equipment, etc.):

...E OF ... RS PROJECT ...-78-C-0049

SAN PABLO - CHIP'S ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island (#27) * STATION NUMBER * #5

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 26 * YEAR 79 *

CALIFORNIA ARRIVAL TIME 1247

DEPARTURE TIME 1335

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [ ] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other _____

new batt. 12.0 12.0

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)				1.8	-0.6	-1.4	198°	-1.8	2.92	10.2	3.7
PROBE 2 (mid)				0.8	-0.4	-0.9	44°	-0.8	2.85	9.4	8.7
PROBE 3 (bottom)				1.3	-0.8	-0.6	2°	-1.3/24	2.95	9.8	2.6

old batt. 12.3 -12.1

INTERROGATION TIME 1315

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [05] [12] . [A] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1330 S. Pac 26 December 1979

REMARKS (problems with equipment, etc.):

salinity test w/ H_2O samples at 90-300 & 570 cm, respectively
Data Grab/Rock for Burst. 3 per $^{-1}$ for 5 minutes, THEN H_2O
sample on 2nd reset of 2 or 3rd hex head movements.

[illegible] PROJECT DAI-NOT-78-C-0049

SAN FRANCISCO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzly Bay (dolphin) * STATION NUMBER * #6

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 26 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1100

DEPARTURE TIME 1205

(leave blank)

RECORDER'S SIGNATURE Jean Cary Bam

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.9	12.1	1.3	✓	✓	✓	-1.3	6446	9.9	22.6
OBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME 1143

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 20 | 12 | A ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? C E C ☐ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1200

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1200 26 December 1979

REMARKS (problems with equipment, etc.):
Salinity test w/ Nistin Bottle SET for 1 METER Depth, Recorder SET to Data groups for Burst of 1 hex head Movement. 3sec⁻¹ to allow TYIME [illegible] THEM TOOK S‰ sample on DATA SETS MODE ON 2nd & 3 HEXSETS & 3rd hex head Movement.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 10 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1155

DEPARTURE TIME 1217

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT new	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.4	-12.5	.6	-4	-0.6	580	—	—	—	—
ROBE 2 (mid)											
OBE 3 (bottom)											

INTERROGATION TIME 1205

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED 1155

OLD CASSETTE LABEL:* C E | 01 (↑Station Number (2 digits)) | 01 (↑ Start Month (2 digits)) . A ← write A or B

S NEW TAPE IN CORRECTLY? C=C ✓ DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

IME RECORDER RESET 1200

IME ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

F YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1200 5 Pace

KS (problems with equipment, etc.):

blue box still broken

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez Straights * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 10 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1250

DEPARTURE TIME 1335

(leave blank)

RECORDER'S SIGNATURE S. Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

Blue Box Broken

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1310

OLD CASSETTE LABEL:* C E | 02 | 01 . A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

NEW TAPE IN CORRECTLY? C E C ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1330

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): 1330 S. Pace 10 JAN 80

NOTES (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia Bridge • STATION NUMBER • 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) JANUARY • DAY 10 • YEAR 1980 •

CALIFORNIA ARRIVAL TIME 1417

DEPARTURE TIME 1433

(leave blank)

RECORDER'S SIGNATURE D Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
ROBE 2 (mid)											
ROBE 3 (bottom)											

Blue Box Broken

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 03 | 01 | A ← — write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

W NEW TAPE IN CORRECTLY? C E C ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

IME RECORDER RESET 1430

ME ALL METERS SUBMERGED. Probe 3 _____ Probe 2 _____ Probe 1 _____

F YOU HAVE GIVEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1430 D Pace JAN 1980

...S (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 10 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1500

DEPARTURE TIME 1710

(leave blank)

RECORDER'S SIGNATURE S. Paul

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [✓] 2) Instrument Check [ ]

3) Tape Change [✓] 4) Battery Change [✓]

5) Damage Repair [✓] 6) Other replace recorder

INTERROGATION VALUES w/old Cassettes etc.

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME Blue Box Broken

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 04 | 01 | · | A | ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

NEW TAPE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [✓] DID YOU CLOSE THE LATCH? [✓]

TIME RECORDER RESET 1700

WERE ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): 1700 Sharp 10 January 1980

COMMENTS (problems with equipment, etc.): replaced Probe #1 & removed connection #3

Power down: 1520

Station was hit by recreation & Standing Damaged

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island * STATION NUMBER * 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 10 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1725

DEPARTURE TIME 1735

(leave blank)

RECORDER'S SIGNATURE S. Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
ROBE 2 (mid)											
BE 3 (bottom)											

INTERROGATION TIME Blue Box broken

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 05 | 01 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

NEW TAPE IN CORRECTLY? ☐ ✓ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ✓ DID YOU CLOSE THE LATCH? ✓

TIME RECORDER RESET 1730

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1730 S. Pace

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzley BAY * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) JANUARY * DAY 10 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1810

DEPARTURE TIME 1833

(leave blank)

RECORDER'S SIGNATURE S. Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)			Blue Dip Broken								

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 06 | 01 | A ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1830

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1830 S. Pace

COMMENTS (problems with equipment, etc.):

San Pablo
vandalized

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Carquinez * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE MONTH (spell out) January * DAY 29 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1223

DEPARTURE TIME 1250

(leave blank)

RECORDER'S SIGNATURE

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	old	+12.1	-11.6	.2	+.2	+.6	202	-.2	5.2	9.3	11.8
PROBE 2 (mid)	new	+11.9	-12.0	.1	-1.3	+2.1	317	-.1	5.1	9.4	9.2
PROBE 3 (bottom)				+1.0	+.06	-.2	357	29.4	5.6	8.9	4.2

INTERROGATION TIME 1235

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED 1225

OLD CASSETTE LABEL:* C E | 02 | 13 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

S NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

IME RECORDER RESET 1230

IME ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

F YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1230 S. Pace 29 January 1980

EMARKS (problems with equipment, etc.):

Probably should change again soon

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Benicia Martinez * STATION NUMBER * 3

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 29 * YEAR 80 *

CALIFORNIA ARRIVAL TIME 13.15

DEPARTURE TIME 2030

(leave blank)

RECORDER'S SIGNATURE H Jaa

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	new	11.9	-11.9	1.5	+.6	-.6	232	-1.5	.92	8.97	4
OBE 2 (mid)				+.5	+.7	-.07	222	-.5	.45	9.0	13.2
PROBE 3 (bottom)				+.2	-0.6	-0.2	14	28.6	5.0	8.9	10.5

INTERROGATION TIME 14 45

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1440

OLD CASSETTE LABEL:* C E | 03 (Station Number, 2 digits) | 13 (Start Month, 2 digits) | B ← write A or B

NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ☑

ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1500 turned off at 1730 on at 2000

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): S. Pole 29 JANUARY 1980

REMARKS (problems with equipment, etc.): Turbulent at probe #3 ~ 134.0 v.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Port Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 30 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1315

DEPARTURE TIME 1420

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☒ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	old	+11.6	-9.8	+.3	-1.2	-.01	80	-.3	.11	15.1	6.1
ROBE 2 (mid)	new	+11.8	-11.9	+1.4	-.8	-5.9	55	-1.4	.12	8.6	4.0
PROBE 3 (bottom)				+1.6	-.1	-.4	279	29.1	.11	8.2	6.8

INTERROGATION TIME 1608

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E | 04 | 13 | B ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1600

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1600 space 30 January 1980

REMARKS (problems with equipment, etc.):
replaced bottom meter. No direction. Bad for #1 TEMP. looks Bad

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chips Island • STATION NUMBER • 5

CALIFORNIA
CALENDER DATE: MONTH (spell out) January • DAY 30 • YEAR 80

CALIFORNIA ARRIVAL TIME 0950

DEPARTURE TIME 1050

(leave blank)

RECORDER'S SIGNATURE H Jaa

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑
2) Instrument Check ☑
3) Tape Change ☑
4) Battery Change ☑
5) Damage Repair ☐
6) Other ZINCS OK

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	old	+9.1	-12.0	+1.8	-.9	-.2	90	-1.8	.12	7.9	8.9
OBE 2 (mid)	new	+11.7	-11.7	+.8	-.9	+.03	290	-.8	.12	7.6	8.2
PROBE 3 (bottom)				+1.2	+.03	+.73	2	25.4	1.2	7.8	10

NTERROGATION TIME 1035

IME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

IME OLD CASSETTE REMOVED 1028

LD CASSETTE LABEL:* C E | 05 | 13 | B ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

NEW TAPE IN CORRECTLY? C E C ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

ME RECORDER RESET 1030

ME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

S. Pace 1030 30 January 1980 SJ

-KS (problems with equipment, etc.):

Power DOWN AT 1015

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Grizzly Bay * STATION NUMBER * 6

CALIFORNIA
CALENDER DATE: MONTH (spell out) January * DAY 30 * YEAR 1980 *

CALIFORNIA ARRIVAL TIME 1140

DEPARTURE TIME 1235

(leave blank)

RECORDER'S SIGNATURE [signature]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)	old	+12.1	-12.2	1.3				-1.3	.16	8.2	6.0
PROBE 2 (mid)	new	+12.2	-12.0								
PROBE 3 (bottom)											

INTERROGATION TIME 1212

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

_____

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

IAL H

(spell out) CARQUINEZ STRAIT * STATION NUMBER* 5

. CALENDAR DATE: MONTH (spell out) February * DAY 14 * YEAR 1980

. ARRIVAL TIME 0950 DEPARTURE TIME 1010

ave blank)

ACCOMPLISHED ON THIS STATION VISIT: Changed tape, batteries, ...

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
DP	+12.9 new	+0.2	-.03	-.36	180			-.2	14.8	10.8	14.7
D	-12.0	+0.1	-1.0	1.0	292			-.1	19.6	11.3	2.3
T	old	+1	-.06	+.0	328			30.64	20.8	10.9	-4.3

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 2.1 - 12.0	1146	120 cm	1026		12.1-12.7

ROGATION TIME 0950

METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

OLD CASSETTE REMOVED _____

ASSETTE LABEL: CE [ ] [ ] [ ] ← write A or B

Station Number (2 digits) Start Month (2 digits)

W TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [✓]

RECORDER RESET _____

ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

U HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

ES (PROBLEMS WITH EQUIPMENT, ETC.):

see bottom turbidity

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

IAL 11 DATA LOGGER CHECK SHEET

ON (spell out) * STATION NUMBER* 3

. CALENDAR DATE: MONTH (spell out) * DAY 14 * YEAR 19

. ARRIVAL TIME DEPARTURE TIME 1155

ave blank)

S ACCOMPLISHED ON THIS STATION VISIT: change batteries, check wiring

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
DP		1.5		-1.4		1.46	224		15.8		
ID						1.09	-7.1				
DT				-.4	113	0.5	53.2				

± 5 cm 1043

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY	1215	141	1074		12.92 ppt 14.32

ROGATION TIME 1145

METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

OLD CASSETTE REMOVED

ASSETTE LABEL:* CE | 03 (Station Number, 2 digits) | 14 (Start Month, 2 digits) · A ← write A or B

W TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

RECORDER RESET

ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

U HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

KS (PROBLEMS WITH EQUIPMENT, ETC.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

IAL F DATA LOGGER CHECK SHEET

(spell out) Port Chicago * STATION NUMBER* 4

. CALENDAR DATE: MONTH (spell out) February * DAY 14 * YEAR 1980

. ARRIVAL TIME 1225 DEPARTURE TIME

ave blank)

ACCOMPLISHED ON THIS STATION VISIT: change batteries, check meter readings, change tape

INTERROGATION VALUES

current was active, 115°

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
DP		.3	+.85	+.4	100			-.3	8.26	15.5	12
ID		1.4	+.4	+.78	300	.87	2.85	-1.4	8.4	10.5	9.1
OT		1.6	-.34	+.02	250	.34	70	32.99	8.35	10.2	8.3

1005.53

BATTERY 11.0 - 11.5	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY - 12.5	1228	1069	1159		TOP 5.71 BOT 6.63

ROGATION TIME 1244

METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

OLD CASSETTE REMOVED

ASSETTE LABEL:* CE [Station Number (2 digits)] [Start Month (2 digits)] · [ ] ← write A or B

W TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

RECORDER RESET

ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

U HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

KS (PROBLEMS WITH EQUIPMENT, ETC.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L CH

" (spell out) CHIPPS * STATION NUMBER* 5

CALENDAR DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

ARRIVAL TIME 1310 DEPARTURE TIME 1345

e blank)

ACCOMPLISHED ON THIS STATION VISIT: change batteries + tape.

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1.8	-.2	-.1	89			-1.8	1.3	10.2	10.0
	.8	-.1	+.01	283			-.8	3.9	9.9	.7
	1.2	+.009	+.07	1.6			26.05	4.1	9.9	9.9

Taut

TTERY Some sort of short problem RY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
-12.0	914	141	773		.89 3.12

GATION TIME 1331

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

D CASSETTE REMOVED 1325

SETTE LABEL: CE [ ] [14] · [ ] ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

CORDER RESET 1330

METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

1330 5 Dec

(PROBLEMS WITH EQUIPMENT, ETC.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL C/L DATA LOGGER CHECK SHEET

T (spell out) GRIZZLY * STATION NUMBER* 6

. CALENDAR DATE: MONTH (spell out) FEB * DAY 14 * YEAR 1979 *

. ARRIVAL TIME 1418 DEPARTURE TIME 1440

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Tape Change, Battery Change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
)	.	1.3						-1.3	3.7	10.1	24.3
)											
)											

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 01 - 12.2					

OGATION TIME 1435

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1425

SSETTE LABEL:* CE | 16 (Station Number, 2 digits) | 14 (Start Month, 2 digits) | A ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☑

ECORDER RESET 1430

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1430 FEB.

S (PROBLEMS WITH EQUIPMENT, ETC.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

ET

(spell out) Carquinez Straights * STATION NUMBER* 2

CALENDAR DATE: MONTH (spell out) February * DAY 26 * YEAR 1980 *

ARRIVAL TIME 1240 DEPARTURE TIME 1650

blank)

COMPLISHED ON THIS STATION VISIT: Changed tape & Batteries & zincs. removed TR0 Probe #2 (SN 627008) for faulty current sensor & Replaced w/ (SN 627012) Readjusted TR for #3 probe & Replaced TR CORD for #1 probe

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	2	+.5	-.23	204			-1.96	.13	11.50	0.1
	1.7	-.27	+.45	325			-1.65	.14	11.64	-0.00
	1.0	-.03	-.16	+.47			26.74	.14	11.23	-1.1

TERY 2 - 11.8	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY - 12.5		1' 1 cm	37' 10"		top / bot

Bogus

ATION TIME 1610

ERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

CASSETTE REMOVED 1400

TTE LABEL: CE | 52 (Station Number, 2 digits) | 14 (Start Month, 2 digits) · B ← write A or B

PE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

RDER RESET 1430

METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

VE BEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE SPELL MONTH): 1430 Thurs 26 Feb 1980

PROBLEMS WITH EQUIPMENT, ETC.):
Tide Down 1245
Tide up 1630

ADING: _____ TIME OBSERVED: _____

COE ... ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL JP

N (spell out) BENICIA * STATION NUMBER* 3

LENDAR DATE: MONTH (spell out) February * DAY 27 * YEAR 1980 *

ARRIVAL TIME 1210 DEPARTURE TIME 1420

e blank)

ACCOMPLISHED ON THIS STATION VISIT: TAPE CHANGE & Battery change change Probe # SN 6271005 to SN 6271015. because Conductivity current speed

2

~~INTERROGATION VALUES~~ Look DAD

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
#1	1.5	10.85	10.55	145				0.13	11.59	153
#2	1.1	-0.72	5.78	75				0.13	11.67	1.0
#3	0.3	-0.12	-0.70	345			31.82	0.13	11.24	25.3

Begin 33.82

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
- 11.9					
TTERY - 12.9		151cm	35'2"		top / bot

OGATION TIME 1410 .

ETERS OUT OF WATER: Probe 1 1240 Probe 2 1315 Probe 3 [illegible]

LD CASSETTE REMOVED 1215

SSETTE LABEL: CE | 03 (Station Number, 2 digits) | 14 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? ☑ ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

ECORDER RESET 1400

LL METERS SUBMERGED: Probe 3 — Probe 2 1330 Probe 1 1355

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

1400 S.Pue 27 Feb 80

S (PROBLEMS WITH EQUIPMENT, ETC.): Power Down: 1215

PTT=135 RC = 2967 MC = 6475

Reset RC = 6480 MC = 6455 PRT = 1357

READING: RC: 6486 MC=6454 TIME OBSERVED: 1410

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L SP

N (spell out) Port Chicago * STATION NUMBER* 04

LENDAR DATE: MONTH (spell out) February * DAY 27 * YEAR 1980 *

ARRIVAL TIME 1035 DEPARTURE TIME 1150

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Taped Battery change
Change probe #1 (Bad compass) SN# 627100 to SN 627109
Check Recorder - probe wiring

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
			Recorder failed to initiate							
			or tape advance							

3A'AS

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TTERY -		60cm	37'10½		top / bot

OGATION TIME

ETERS OUT OF WATER: Probe 1 Probe 2 Probe 3

LD CASSETTE REMOVED

SSETTE LABEL: CE | 04 (Station Number, 2 digits) | 14 (Start Month, 2 digits) | B ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

ECORDER RESET Bogus.

L METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

Recorder failed to initiate

(PROBLEMS WITH EQUIPMENT, ETC.):

Down at 1015
Removed Batteries & Recorder for Analysis S.Pu

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-[illegible]049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL SP

ON (spell out) Chipps Island * STATION NUMBER* 5

. ALENDAR DATE: MONTH (spell out) February * DAY 27 * YEAR 1980

. ARRIVAL TIME 0915 DEPARTURE TIME 1010

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Tape & Battery change
ld Measurements on Depth

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1	1.8	-0.07	+0.11	90				0.12	12.0	1.7
	2	0.8	-0.08	+0.13	122				0.13	11.6	1.3
	3	1.2	+0.10	+0.06	29			26.57	0.12	11.6	0.0

ATTERY - 11.9	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TTERY - 11.9		146cm	29'11" Dave		top / bot

OGATION TIME 0935

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 0955

SSETTE LABEL:* CE | 05 (Station Number (2 digits)) | 14 (Start Month (2 digits)) | B ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

CORDER RESET 1000

L METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

1000 Rec 27 Feb 80

(PROBLEMS WITH EQUIPMENT, ETC.): Power Down 0938 BAD Samples on # 2

PRT 1000 RC=6436 TC=6416

EADING: 6416 TIME OBSERVED: 1000

COE S. F. ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL SP

ION (spell out) Grizzley Bay * STATION NUMBER* 6

ALENDAR DATE: MONTH (spell out) February * DAY 27 * YEAR 80 *

. ARRIVAL TIME 1450 DEPARTURE TIME 1515

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Change Batteries & TAPE

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P	#1	+1.3	—	—	—	—	—	+1.3	0.11	11.77	9.3
D											
T											

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ATTERY 9 - 11.7					top / bot

ROGATION TIME 1510

METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1455

SSETTE LABEL: CE | 06 (Station Number, 2 digits) | 14 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 1500

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1500 S. Pac 27 Feb '80

S (PROBLEMS WITH EQUIPMENT, ETC.):

RC = 6492 MC = 6480 PRT 1500

READING: 6492 = RC TIME OBSERVED: 1500

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

CR

N (spell out) CARQUINEZ * STATION NUMBER* 2

CALENDAR DATE: MONTH (spell out) MARCH * DAY 12 WEDNESDAY * YEAR 1980 *

ARRIVAL TIME 0915 DEPARTURE TIME 0950

blank)

ACCOMPLISHED ON THIS STATION VISIT: FLY BY - RESET CARQUINEZ CLOCK - RESET MASTER CLOCK - BOTH RESET @ 0930 PST

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	.2	.01	-.03	200			-.2	1.75	12.26	2.5
	1.7	-.18	-.05	317			-1.7	2.31	12.44	2.2
	1.0	-0.01	-0-	048			31.35	4.80	12.16	2.8
							955			

BATTERY - 12.1	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
BATTERY - 12.5	= 956 cm 31.35 FT	168 cm	1123 cm		top bot

CALIBRATION TIME 0935

METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

CASSETTE REMOVED ~0925

CASSETTE LABEL: CE | 02 (Station Number, 2 digits) | 10 (Start Month, 2 digits) | a ← write A or B

TAPE IN CORRECTLY? [X] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [X]

ORDER RESET 0930

METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

it was done — seen advance 0930

(PROBLEMS WITH EQUIPMENT, ETC.): POWERED DOWN @ 0920 Batt Info +11.1 -12.1

Tandy Carquinez Clock 20324 @ 0929:30 RECORDER CLK RESET @ 0930

Master Clock 26615 — MASTER CLOCK RESET @ 0931 PST

READING: 0014 — ~~@ 0930~~ TIME OBSERVED: 0930 PST

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L CH

N (spell out) BENICIA * STATION NUMBER* 3

CALENDAR DATE: MONTH (spell out) MARCH * DAY WED 12 * YEAR 1988 *

ARRIVAL TIME 1015 DEPARTURE TIME 1125

e blank)

ACCOMPLISHED ON THIS STATION VISIT: RESET CLOCK @ 1100, "FLY BY ONLY"

HECK DEPTH SENSOR W. BLUE BOX (SEE BACK PAGE)

NOTE INTERROGATION VALUES

ACTUALLY IT'S A DEPTH READING FROM SAN PABLO METER —!

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1.5	0.13	.25	150	.28	213	-.5	.15	12.10	15.4
	1.1	-.26	+.1	56	.27	214	-2.1	.15	12.20	9.8
	.4	-.13	-.12	83	.19	225	32.17	.15	11.76	.8
							980.5			

POWER DOWN AT 1020

TTERY @ 1025 - 12.4	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SA
RY - 12.7	1189.5	209 cm	980.5		top bot

GATION TIME 1105

TERS OUT OF WATER: ~~Probe 1~~ Probe 2 Probe 3

D CASSETTE REMOVED 1025

SETTE LABEL:* CE | 03 (Station Number, 2 digits) | 15 (Start Month, 2 digits) | a ← write A or B

TAPE IN CORRECTLY? DEVO [X] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [X]

ORDER RESET 1100

METERS SUBMERGED: ~~Probe 3~~ Probe 2 ~~Probe 1~~

AVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

~1100

(PROBLEMS WITH EQUIPMENT, ETC.): SEE BACK FOR DEPTH SENSOR WORKUP

CLOCK READING BEFORE RESET 2652 @ 1052

RESET CLOCK VALUE 0013 @ 1100 PST

MASTER CLOCK READS 0001

ADING: 0013 TIME OBSERVED: 1100 PST

Depth Check

Rt. 3

Depth @ 1026

32.61 & 32.62

↳ = 994 cm

MK TO WL = 167 cm

MK TO DEPTH = 1161 cm

note [illegible]

1161 cm @ 1026 P.T.

1189 cm @ 1105 P.T.

28 cm difference!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L CK

N (spell out) PORT CHICAGO * STATION NUMBER* 4

LENDAR DATE: MONTH (spell out) MARCH * DAY 12 * YEAR 1980 *

ARRIVAL TIME 1155 DEPARTURE TIME 1330

e blank)

ACCOMPLISHED ON THIS STATION VISIT: INSTALL RECORDER, RESET RECORDER CLOCK

INTERROGATION VALUES Top one only is correct

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	.6	.4	.5	209		260.5	-.6	.14	12.26	24
	.14	.4	.4	70	.55	115	-1.4	.14	12.22	2.7
	1.6	-1.0	-1.0	300	1.4	165?	33.90	.13	11.88	3.0
							1033.3			

POWER DOWN AND BATTERIES

TTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
RY - 12.6	1155	152cm	1033.3	—	top / bot

GATION TIME 1235

TERS OUT OF WATER: Probe 1 Probe 2 Probe 3

D CASSETTE REMOVED. NO OLD CASSETTE

SETTE LABEL: CE | 04 (Station Number, 2 digits) | 15 (Start Month, 2 digits) | a ← write A or B

APE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

CORDER RESET 1230 PST

METERS SUBMERGED: Probe 3 Probe 2 Probe 1

AVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

yes 1230

(PROBLEMS WITH EQUIPMENT, ETC.):

old clock was 2078 @ 1229

musty clock 0026 @ 1231:15

NOTE @ 1230 EBB going strongly. See [illegible]

ADING: 0013 TIME OBSERVED: 1232:45

St. 4

Blue box depth @ 1220

Depth @ 1220

Depth 34.00 @ = 1036.32

144 cm

Level is falling at this point

1036.32 + 144 = 1180.32

C RPS OF ENGINEERS PROJECT DA W07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

IAL CR

ION (spell out) CHIPPS * STATION NUMBER* 5

CALENDAR DATE: MONTH (spell out) MARCH * DAY 12 * YEAR 1980 *

. ARRIVAL TIME 1400 DEPARTURE TIME 1520

ive blank)

ACCOMPLISHED ON THIS STATION VISIT: RESET RECORDER CLOCK, Change Tape

INTERROGATION VALUES (backwards current)

	MTR#	+ID	V_x	V_y	DIR	R	θ	ID/DP	C	T	TURB
P		1.8	+.3	+.2	223	.36	253	-1.8	.14	12.16	1.0
D		.8	+.08	-.3	91		15?	-.8	.14	11.14	1.4
		1.2	+.1	+.3	2		73?	23.98	.14	11.71	06

POWER DOWN @ 1435 730.9

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
0 - 11.8					
ATTERY	This was done in tide & round.				top
.1 - 12.6	984.9	254 cm	730.9		bot

OGATION TIME 1505

ETERS OUT OF WATER: ~~Probe 1~~ ~~Probe 2~~ ~~Probe 3~~

LD CASSETTE REMOVED 1435

SSETTE LABEL:* CE | 05 (Station Number, 2 digits) | 15 (Start Month, 2 digits) · a ← write A or B

TAPE IN CORRECTLY? ☒ ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

ECORDER RESET 1500

L METERS SUBMERGED: Probe 3 ~~Probe 2~~ ~~Probe 1~~

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

@ 1501

(PROBLEMS WITH EQUIPMENT, ETC.):

Beige clock read Recorder Clock was 2677 @ 1452 1450

Master Clock 0054 @ 1501

READING: 0015 TIME OBSERVED: 1500 30

St. 5

Depth @ 1435

BM TO WL
242 cm

24.34 FT
= 741.9 cm

A bit windy w. Ebb running hard—

742 + 242 = 984

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

1 of 2

IAL CK.

ION (spell out) GRIZZLY BAY * STATION NUMBER* 6

CALENDAR DATE: MONTH (spell out) MARCH * DAY 12 * YEAR 1980 *

F. ARRIVAL TIME 1550 DEPARTURE TIME 1610

ave blank)

S ACCOMPLISHED ON THIS STATION VISIT: RESET RECORDER CLOCK

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
DP		1.3						-1.3	.15	12.46	17.8
D											
T											

POWER DOWN @ 1555

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ATTERY 4 - 12.4					top / bot

ROGATION TIME ~1605

METERS OUT OF WATER: ~~Probe 1~~ Probe 2 ~~Probe 3~~

OLD CASSETTE REMOVED 1555

SSETTE LABEL:* CE | 06 (Station Number (2 digits)) | 15 (Start Month (2 digits)) | A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 1600

LL METERS SUBMERGED: ~~Probe 3~~ Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

~~1600~~ 1600

S (PROBLEMS WITH EQUIPMENT, ETC.):

RECORDER CLOCK BEFORE RESET 2685 @ 1601
RESET AT 1602
METER CLOCK 0064 @ 1603

READING: 0012 TIME OBSERVED: 1602.30

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L RGS

N (spell out) SAN PABLO * STATION NUMBER* 01

ALENDAR DATE: MONTH (spell out) March * DAY 21 * YEAR 80 *

ARRIVAL TIME Early DEPARTURE TIME Late

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Installed Cable recorder boy, recorder cable + meters - started from scratch + got it working again

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
2	1.49	1.4	-0.2	074			-1.47	4.85	12.70	26.4
8	1.2	-0.7	+0.86	300			-1.3	10.15	12.74	22.8
15	10.8	+0.16	+.34	015			35.9	21.89	12.83	2.8

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY - 15-1	Did not get due to adverse weather conditions, Could not stay on scaffold				top / bot

OGATION TIME 16:40 - 16:45

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED NA

SSETTE LABEL: * CE | 1.2 | | · | | ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? YES NO DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? YES

ECORDER RESET 1630

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): March 21

1630

S (PROBLEMS WITH EQUIPMENT, ETC.): Recorder clock reset Master Clock 22:13
Installed Station Bottom Probe 90 cm above turnbuckle
Middle Probe 520 cm " above turnbuckle
Top probe 820 cm above turnbuckle

READING: [illegible] TIME OBSERVED: 1630 PST

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

IAL CP

ION (spell out) CHIQUINEZ * STATION NUMBER* 2

F. CALENDAR DATE: MONTH (spell out) March * DAY 25 * YEAR 1980 *

F. ARRIVAL TIME 1525 DEPARTURE TIME 1605

ave blank)

S ACCOMPLISHED ON THIS STATION VISIT: Battery & Tape change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P				Black Box			Down				
D											
T											

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY -					top / bot

ROGATION TIME

METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

OLD CASSETTE REMOVED 1535

SSETTE LABEL: * CE [ ] [ ] · [1] ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? [✓] [–] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [–]

ECORDER RESET 1600

L METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

S (PROBLEMS WITH EQUIPMENT, ETC.):

Blue Box Down 15B

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL

ON (spell out) * STATION NUMBER* 3

. CALENDAR DATE: MONTH (spell out) March * DAY 25 * YEAR 1980 *

. ARRIVAL TIME 1117 DEPARTURE TIME 1205

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: TAPE & Battery Change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P					Blue	Box	Fried				
D					Packed Polarity OH						
T					Batteries probably						
					Fried Box.						

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY -					top / bot

OGATION TIME

ETERS OUT OF WATER: Probe 1 Probe 2 Probe 3

LD CASSETTE REMOVED 1125

SSETTE LABEL: CE | 03 (Station Number, 2 digits) | 15 (Start Month, 2 digits) | A ← write A or B

TAPE IN CORRECTLY? YES | 4 DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH?

ECORDER RESET Reset 1200

LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

S (PROBLEMS WITH EQUIPMENT, ETC.):

Tape [illegible] Because of Bad Battery

Mgt.

READING: TIME OBSERVED

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

N (spell out) + Chicago * STATION NUMBER* 4

LENDAR DATE: MONTH (spell out) March * DAY 25 * YEAR 1980 *

ARRIVAL TIME 1235 DEPARTURE TIME 1305

e blank)

CCOMPLISHED ON THIS STATION VISIT: Battery + tape change

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
			Blue	Box	Dio					

TTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
RY -					top / bot

ATION TIME

ERS OUT OF WATER: Probe 1 Probe 2 Probe 3

CASSETTE REMOVED 1240

ETTE LABEL: CE [ ] [ ] [ ] ← write A or B

Station Number (2 digits) Start Month (2 digits)

APE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [✓]

ORDER RESET

METERS SUBMERGED: Probe 3 Probe 2 Probe 1

VE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

PROBLEMS WITH EQUIPMENT, ETC.):

DING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

IAL SP

ION (spell out) Chipps Island * STATION NUMBER* 5

F. CALENDAR DATE: MONTH (spell out) March * DAY 25 * YEAR 1980

F. ARRIVAL TIME 1323 DEPARTURE TIME 1405

ave blank)

S ACCOMPLISHED ON THIS STATION VISIT: TAPE & Battery change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
DP				Blue	Box	out of					
D											
T											

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY -					top / bot

ROGATION TIME

METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

OLD CASSETTE REMOVED 1335

SSETTE LABEL: * CE | 05 (Station Number, 2 digits) | 15 (Start Month, 2 digits) · [ ] ← write A or B

V TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

ECORDER RESET 1400

LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

S (PROBLEMS WITH EQUIPMENT, ETC.): Down Down 1331

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL FT DATA LOGGER CHECK SHEET

ON (spell out) Grizzly Bay * STATION NUMBER* 6

. CALENDAR DATE: MONTH (spell out) March * DAY 25 * YEAR 80 *

. ARRIVAL TIME 0918 DEPARTURE TIME 0935

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Blue box check, change batteries + tape

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1.3							1.7	12.1	31.4

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ERY 1 - 12.2					top / bot

OGATION TIME 1935

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

D CASSETTE REMOVED 0930

SSETTE LABEL:* CE [ ] [ ] . [ ] ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [✓]

CORDER RESET _____

L METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

0930 March 25, 1980

(PROBLEMS WITH EQUIPMENT, ETC.):

EADING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL HT

ON (spell out) San Pablo * STATION NUMBER* 1

. CALENDAR DATE: MONTH (spell out) April * DAY 10 * YEAR 80 *

. ARRIVAL TIME 0853 DEPARTURE TIME 0920

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: TAPE & Battery Change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
)		1.5	+.5	-.2	112			-1.5	26.05	12.27	74
)		.1	+.2	+.5	0			-.1	28.87	11.90	2.3
:		1	+.2	-.002	60			37.88	30.32	11.72	42.8

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY .5-12.5		232			top / bot

OGATION TIME 0907

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED _____

SSETTE LABEL: * CE | 01 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 0900

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 0900 SPace 10 April 80

S (PROBLEMS WITH EQUIPMENT, ETC.):

inter-battery connector may have been loose

recorder # 6330229

READING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L 17

N (spell out) Carquinez * STATION NUMBER* 2

CALENDAR DATE: MONTH (spell out) April * DAY 10 * YEAR 80 *

ARRIVAL TIME 0954 DEPARTURE TIME 1012

e blank)

ACCOMPLISHED ON THIS STATION VISIT: change tape + batteries, ground with blue box check

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	+.2	+.014	+.2	184			-.2	14.78	13.42	16.2
	+1.7	+.1	-.1	300			-1.7	15.8	13.53	1.4
	+1	-.18	-.18	40			30.37	16.70	12.92	13

ATTERY 5 11.9	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
PY 12.2		209 cm			top / bot

GATION TIME

TERS OUT OF WATER: Probe 1 Probe 2 Probe 3

D CASSETTE REMOVED 0956

SETTE LABEL: CE 02 (Station Number, 2 digits) 16 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

CORDER RESET 1002

L METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

1002 Space 10 April '80

(PROBLEMS WITH EQUIPMENT, ETC.):

Recorder # 633-0226

EADING: TIME OBSERVED:

COPPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL HT DATA LOGGER CHECK SHEET

ON (spell out) Benicia Martinez * STATION NUMBER* 3

. CALENDAR DATE: MONTH (spell out) April * DAY 10 * YEAR 80 *

. ARRIVAL TIME 1035 DEPARTURE TIME 1114

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: TAPE & Battery CHANGE

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
)		+.3	-.7	+.4	84			-.3	10.19	19.02	10.8
)		+.5	-.08	-.04	70			-.5	14.31	13.54	9.8
		+.2	-.4	-.3	360			31.14	16.97	13.01	15.9

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY .2 - 12.4		252			top / bot

OGATION TIME 1107

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1056

SSETTE LABEL:* CE | 03 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 1101

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

1101 Stacie 10 April 80

S (PROBLEMS WITH EQUIPMENT, ETC.):

READING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L AT

(spell out) Port Chicago * STATION NUMBER* 4

CALENDAR DATE: MONTH (spell out) * DAY * YEAR *

ARRIVAL TIME 1145 DEPARTURE TIME 1216

e blank)

ACCOMPLISHED ON THIS STATION VISIT: TAPE & Battery Change

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	+.6	+.5	+.6	210			-.6	3.19	14.01	696
	+1.4	-.4	-.08	72			-1.4	4.94	13.95	1.3
	+1.6	-.1	-.1	290			34.82	5.70	13.59	17.4

TTERY shows - decimal RY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
9 - 12.1		180 cm			top / bot

GATION TIME 1205

TERS OUT OF WATER: Probe 1 Probe 2 Probe 3

D CASSETTE REMOVED 1159

SETTE LABEL:* CE | 04 (Station Number, 2 digits) | 16 (Start Month, 2 digits) | A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

CORDER RESET 1202

L METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

1202 S. Pace 10 April 80

(PROBLEMS WITH EQUIPMENT, ETC.):

bad turbidity on #1

Recorder # 6330223

Found HEAD NOT ENGAGED w/ TAPE 1 (on old one)

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL H

N (spell out) Chipps Island * STATION NUMBER* 5

. CALENDAR DATE: MONTH (spell out) April * DAY 10 * YEAR 80 *

. ARRIVAL TIME 1235 DEPARTURE TIME 1400

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: change tape + batteries, ground truth, blue box check

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
		+1.8	-.4	-.6	230			-1.8	.16	14.09	1
		+ .7	-.6	+.1	100			- .8	.16	13.65	1.7
		+1.2	+.2	+.4	2			23.53	.16	13.57	10.8

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ERY old 3-11.9 .5-12.5 new		269			top / bot

OGATION TIME 1345

ETERS OUT OF WATER: Probe 1 ✓ Probe 2 Probe 3

LD CASSETTE REMOVED 1245

ESSETTE LABEL: CE 05 16 A ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 1300

LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

1300 Space 10 April 80

S (PROBLEMS WITH EQUIPMENT, ETC.):

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L HT

N (spell out) Grizzley Bay * STATION NUMBER* 6

CALENDAR DATE: MONTH (spell out) April * DAY 10 * YEAR 80 *

ARRIVAL TIME 1435 DEPARTURE TIME 1515

e blank)

ACCOMPLISHED ON THIS STATION VISIT: change tape + batteries, ground with, blue box check

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1.3							.22	16.26	5.1

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
6 - 12.2					
ERY 5 - 12.2					top / bot

OGATION TIME 1442

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1445

SSETTE LABEL: CE | 06 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☑

ECORDER RESET 1500

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1500 - Space 10 April 80

S (PROBLEMS WITH EQUIPMENT, ETC.): one old battery (12.2 V) re-used

Recorder # 633 0224

READING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

SL SP

(spell out) San Pablo * STATION NUMBER* 01

CALENDAR DATE: MONTH (spell out) April * DAY 30 * YEAR 1980 *

ARRIVAL TIME 0910 DEPARTURE TIME 1030

e blank)

CCOMPLISHED ON THIS STATION VISIT: STRIP STATION OF Recorder, BATTERIES, INSTRUMENT CASE, CABLES, METERS

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
			NO Ground Lugth on Blue Box							
			VALUES RECORDED							

-TTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
-					
TERY					top
-					bot

OGATION TIME

ETERS OUT OF WATER: Probe 1 Probe 2 Probe 3

LD CASSETTE REMOVED

SSETTE LABEL: CE | 01 (Station Number, 2 digits) | 16 (Start Month, 2 digits) | E ← write A or B

TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

ECORDER RESET

LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

S (PROBLEMS WITH EQUIPMENT, ETC.):

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL FI DATA LOGGER CHECK SHEET

ON (spell out) Carquinez * STATION NUMBER* 2

CALENDAR DATE: MONTH (spell out) April * DAY 28 * YEAR 1980 * =

. ARRIVAL TIME 1400 DEPARTURE TIME 1435

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Trap Battery change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		.2	+.01	+.05	190			-.2	21.69	1508	.9
D		1.7	-.3	+.09	300			-1.7	22.04	15 19	.5
T		1	-.01	+.01	47			31.01	21.26	14.74	.4

BATTERY .9 →	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 2.4 - 12.5		184			top / bot

ROGATION TIME 1425

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1420

SSETTE LABEL: * CE | 01 (Station Number, 2 digits) | 16 (Start Month, 2 digits) | B ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE [illegible] INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 1430

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1430 S. Pac

S (PROBLEMS WITH EQUIPMENT, ETC.):

4121 M.C.
4142 Check value at 1430 PST

READING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL SP

ON (spell out) Carquinez * STATION NUMBER* 02

. CALENDAR DATE: MONTH (spell out) April * DAY 30 * YEAR 1980 *

. ARRIVAL TIME 1110 DEPARTURE TIME 1134

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Change + Battery + check depth

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
)											
								28.50			

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY .7-12.5		3.56 cm.			top / bot

OGATION TIME 1115

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED _____

SSETTE LABEL: * CE [ ] [ ] . [ ] ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? [✓] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [✓]

ECORDER RESET 1130

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1130 Date 30 April 80

S (PROBLEMS WITH EQUIPMENT, ETC.):

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L FT

N (spell out) Benicia Martinez * STATION NUMBER* 3

CALENDAR DATE: MONTH (spell out) April * DAY 30 * YEAR 80 *

ARRIVAL TIME 1240 DEPARTURE TIME 1415

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Changed tape & Batteries & 1 probe (Bad temp.) from # 2 from SAN PABLO.

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	+1.5	-1.1	-.1	200			-1.5	7.20	16.38	66.8
	+.5	+.4	-1.1	120			-.5	7.58	16.20	-.5
	-.5	+.5	-.1	60			31.47	7.33	17.84	85

Recall diff 0.5

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
2 - 9.9					top
TERY					bot
8 - 12.8		217			

GATION TIME 1345

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1340

SSETTE LABEL: * CE | 03 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☑

ECORDER RESET 1400

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1400 S. Pace

S (PROBLEMS WITH EQUIPMENT, ETC.): power down 1305

RC 4603
MC 4594

READING: _____ TIME OBSERVED: 1350

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL H DATA LOGGER CHECK SHEET

(spell out) Fort Chicago * STATION NUMBER* 1

. CALENDAR DATE: MONTH (spell out) April * DAY 30 * YEAR 80 *

. ARRIVAL TIME 1435 DEPARTURE TIME 1635

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Changed Batteries & Tape & Probe # 3 w/ Probe #3 From San Pablo

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
		.6	+.6	-.6	140			-.6	2.88	16.80	700
		1.4	-.2	+.4	352			-1.4	2.93	16.80	.3
		1.1	+.14	+.9	0			36.21	2.82	16.87	0

TTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY .8-12.8		115			top / bot

124 cm - 36.70'

OGATION TIME 1615

ETERS OUT OF WATER: Probe 1 Probe 2 Probe 3

LD CASSETTE REMOVED 1620

SSETTE LABEL: CE | 04 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☑

ECORDER RESET 1630

LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

1630 5 April

(PROBLEMS WITH EQUIPMENT, ETC.): power down 1440

~~no reading on all Cattanach~~ replaced bottom meter with meter from San Pablo # 3

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

FI

(spell out) Chipps Island * STATION NUMBER* 5

CALENDAR DATE: MONTH (spell out) April * DAY 30 * YEAR 80 *

ARRIVAL TIME 1655 DEPARTURE TIME 1715

e blank)

ACCOMPLISHED ON THIS STATION VISIT: blue box check, change batteries x
tape, ground truth

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	+1.8	+.14	+.11	155			-1.8	.36	18.31	2.0
	+.7	+.01	+.08	15			-.8	.36	17.85	2.6
should be 8	+1.2	-.03	+.01	100			25.58	.36	17.69	3.6

TTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ERY 7 - 12.7		~185			top / bot

GATION TIME 1705

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

D CASSETTE REMOVED 1650

SETTE LABEL: * CE | 05 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? OK ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

CORDER RESET 1700

L METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1700 S. Pace

(PROBLEMS WITH EQUIPMENT, ETC.):

EADING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

:L 17

:N (spell out) Grayling Bay * STATION NUMBER* 6

. CALENDAR DATE: MONTH (spell out) April * DAY 30 * YEAR 80 *

. ARRIVAL TIME 1755 DEPARTURE TIME 1807

:e blank)

ACCOMPLISHED ON THIS STATION VISIT: Change Batteries & Tape

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
		1.3						-1.3	1.68	17.44	11.7

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY .6-12.5					top / bot

OGATION TIME 1804

ETERS OUT OF WATER: Probe 1 ~~_____~~ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1755

SSETTE LABEL:* CE | 06 (Station Number, 2 digits) | 16 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? OK ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RES: 1800

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

AVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1800 > Now

: (PROBLEMS WITH EQUIPMENT, ETC.):

TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL HT DATA LOGGER CHECK SHEET

ME (spell out) Carquinez * STATION NUMBER* 7

CALENDAR DATE: MONTH (spell out) May * DAY 16 * YEAR 80 *

ARRIVAL TIME 1410 DEPARTURE TIME 1450

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Ck. Pwr elec, change batteries, Stop

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	+.2	-.06	-.36	195			-.2	6.50	16.25	0
	+1.7	-.40	+.04	290			-1.7	8.13	16.25	0
	+1	.3 to .1 +.1	+.34	50			30.11	8.81	15.77	1.2

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
5 - 12.2					top
TERY 5 - 12.6		205			bot

OGATION TIME 1435

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1420

SSETTE LABEL: * CE | 02 (Station Number, 2 digits) | 17 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? CORVO ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ORDER RESET 1420

L METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

1450 PDT

(PROBLEMS WITH EQUIPMENT, ETC.):

1242 N/C

RECEIVING: RC TIME OBSERVED: [illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL CK

(spell out) BENICIA * STATION NUMBER* 3

CALENDAR DATE: MONTH (spell out) MAY * DAY 19 MOUNT * YEAR 80

ARRIVAL TIME 1030 DEPARTURE TIME 1145

e blank)

ACCOMPLISHED ON THIS STATION VISIT: CHANGE RECORDER, CHANGE BATTERIES RESET CLOCK, BLUE BOX CHECK

INTERROGATION VALUES (very strong ebb!)

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T (A BIT HIGH)	TURB
	1.5	+1.4 G +2.1 ~1.8	-.08 ~	203°			-1.49	4.29	? 17.41	47.8
	0.5	-0.8 ~	+1±1	085°			-.5	4.23	17.38	0 and -.6
	0.48	-.5±.5	-.4±.3	027			20.35 jumpy	3.85	17.06	15.9

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
23 - 11.99					
TERY 22 - 12.30		134" ±3" (DOES, DUMP)		—	top / bot

GATION TIME 1120

ETERS OUT OF WATER: ~~Probe 1~~ ~~Probe 2~~ ~~Probe 3~~

LD CASSETTE REMOVED ~ 1245

SETTE LABEL: CE | 03 (Station Number, 2 digits) | 17 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? [ ]

DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [X]

CORDER RESET ~~1130~~ 1130

L METERS SUBMERGED: ~~Probe 3~~ ~~Probe 2~~ ~~Probe 1~~

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): ✓

(PROBLEMS WITH EQUIPMENT, ETC.): POWER OFF @ 1040

SEE DATA INTERRUPT SHEET

~~ING:~~ ~~TIME DEPARTED:~~

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

AL IT DATA LOGGER CHECK SHEET

N (spell out) Port Chicago * STATION NUMBER* 4

. CALENDAR DATE: MONTH (spell out) May * DAY 16 * YEAR 80 *

. ARRIVAL TIME 1745 DEPARTURE TIME 1834

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Plug box check Change tape + batteries, ground truth (no temps)

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
		+.6	+.7	-.5	140			-.6	1.23	17.21	107
		+1.4	+.03	-5.9	355			-1.4	1.29	17.19	0
		+1.1	±.02 0	+.4	360			37.37	1.31	17.28	.5

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
-12.3					top
TERY .5 - 12.9		131			bot

OGATION TIME 1755

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1750

SSETTE LABEL: CE | 04 (Station Number, 2 digits) | 17 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☑

ECORDER RESET 1830

L METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1830 Pace

S (PROBLEMS WITH EQUIPMENT, ETC.): Vy on middle meter is bad (-5.9)
SEE DATA INTERRUPT FOR 19 MAY
ALSO OTHER DATA LOGGER CHECK SHEET @ 19 May

WC 12.78

READING: RC 12.60 TIME OBSERVED: 1810

CORPS OF ENGINEERS PROJECT DA WC7-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

[illegible] A

[illegible] (spell out) Chipps Island * STATION NUMBER* 5

CALENDAR DATE: MONTH (spell out) May * DAY 16 * YEAR 80 *

ARRIVAL TIME 1705 DEPARTURE TIME 1735

[illegible] blank)

ACCOMPLISHED ON THIS STATION VISIT: Red Dot check, change Tape & batteries, ground truth (no temp)

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	+1.8	-.7	+.1	120			-1.8	0.22	18.57	4
	+.5	-.5	+.2	320			-.8	0.23	18.14	10
	+1.2	+.2	+.3	50			25.43	0.24	17.93	5

[illegible] ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
-12.3					
TERY .8-12.7		17.4			top / bot

[illegible] OGATION TIME 1715

[illegible] ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

[illegible] LD CASSETTE REMOVED 1715

[illegible] SSETTE LABEL: CE 05 (Station Number, 2 digits) 17 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

[illegible] CORDER RESET 1730

[illegible] LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

[illegible] HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1730 Pace

[illegible] S (PROBLEMS WITH EQUIPMENT, ETC.):

+ID has climbed to +.6

station has been hit, & knocked down. It appears damage is minor or none.

WC 1270

[illegible] READING: RC 1212 TIME OBSERVED: 13[illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L H

N (spell out) Grizzly Bay * STATION NUMBER* 6

CALENDAR DATE: MONTH (spell out) May * DAY 16 * YEAR 80 *

ARRIVAL TIME 1605 DEPARTURE TIME 1635

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Blue Box Check, Change Tape + Batteries, ground Truth (salinity only)

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1.3						-1.3	.70	17.21	4.2

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
- 13.6					
ERY					top
- 12.8					bot

GATION TIME 1620

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

D CASSETTE REMOVED 1615

SSETTE LABEL: CE 04 (Station Number, 2 digits) 04 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

CORDER RESET 1630

METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

1630 ✓

(PROBLEMS WITH EQUIPMENT, ETC.):

RC 1260

EADING: RC 1204 TIME OBSERVED: 1615

CORPS OF ENGINEERS ENGR. [illegible] WC7-73-C-0043

SAN PABLO - CHIPPS ISLAND

AL _____ DATA LOGGER CHECK SHEET

ON (spell out) Carquinez * STATION NUMBER* 2

. CALENDAR DATE: MONTH (spell out) June * DAY 2 * YEAR 1980 *

. ARRIVAL TIME 0812 DEPARTURE TIME 0845

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Fly by - charge batteries + tapes

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
		2.2	-0.35	+0.78	170			-0.2	+9.70	15.91	2.5
		1.7	+0.90	+0.02	270			-1.7	15.42	16.07	0(?)
		1.0	-0.05 variable	-0.40	42		+	29.22	12.76	15.64	-1.2 (?)

ATTERY - TERY 04-	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
					top
					bot

OGATION TIME 0929

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 0915

SSETTE LABEL: * CE | 02 (Station Number, 2 digits) | 17 (Start Month, 2 digits) | b ← write A or B

TAPE IN CORRECTLY? [illegible] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? yes

ECORDER RESET 0830

LL METERS SUBMERGED: Probe 3 — Probe 2 — Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

0830 June 2, 1980

S (PROBLEMS WITH EQUIPMENT, ETC.):

- Tr. probe 2 (?) is 3
- clock reading 2

READING: 0 - doesn't appear to(?) be working TIME OBSERVED: 0938

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

N (spell out) Benicia * STATION NUMBER* 3

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 2 * YEAR 1980 *

. ARRIVAL TIME 0914 DEPARTURE TIME 0950

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: change batteries + tapes

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		+1.5	+1.9	-0.10	210			1.5	10.75	16.27	34.8
D		+0.5	-0.7	+1.4	95			0.5	10.78	16.26	-0.6
S		+0.7	-0.4	-0.2	39.0			27.43	8.45	15.93	58.0

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY					top
12.3					bot

OGATION TIME 0940

ETERS OUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

LD CASSETTE REMOVED 0925

SSETTE LABEL: CE | 03 (Station Number, 2 digits) | 17 (Start Month, 2 digits) | b ← write A or B on cassette

TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ECORDER RESET 0930

LL METERS SUBMERGED: Probe 3 — Probe 2 — Probe 1 —

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): —

0930 2 June 1980

S (PROBLEMS WITH EQUIPMENT, ETC.): - clock ?

← turbidity of probes 2+3 (?)

READING: 1.050 - variable, 11... TIME OBSERVED: 0931

SAN PABLO - PHIPPS ISLAND

DATA LOGGER CHECK SHEET

N (spell out) Port Chicago * STATION NUMBER* 4

CALENDAR DATE: MONTH (spell out) JUNE * DAY 2 * YEAR 1980 *

. ARRIVAL TIME 09 DEPARTURE TIME 1045

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: change batteries + tapes

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		0.6	+0.7 −2.0 variable	+ 0.8 variable	235			0.6	1.18	17.55	225 (?)
D		0.3	+0.7	+0.5	310			0.3	1.18	17.28	0.5
T		1.1	−0.8	+1.0	80			33.18	1.17	17.66	0.8

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY					top
.2 - 12.3					bot

ROGATION TIME 1035 - 1040

METERS OUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

LD CASSETTE REMOVED 1025

SSETTE LABEL: * CE | 04 (Station Number, 2 digits) | 17 (Start Month, 2 digits) · b ← write A or B on cassette

V TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☑

ECORDER RESET 1030

LL METERS SUBMERGED: Probe 3 — Probe 2 — Probe 1 —

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1030 2 June 1980

S (PROBLEMS WITH EQUIPMENT, ETC.): - Turbidity - probe 1
- Clock
- V_x + V_y variable - all probes (wire was flopping!)

READING: no readings at all TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL _____

ON (spell out) Chipps Island * STATION NUMBER* 5

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 2 * YEAR 1980 *

. ARRIVAL TIME 1105 DEPARTURE TIME 1140

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: change batteries + tapes

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P											0
D		-0.65						-0.8			17.0
T											0

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TTERY -					top / bot

ROGATION TIME _____

METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

OLD CASSETTE REMOVED 1115

ASSETTE LABEL: CE | 05 (Station Number, 2 digits) | 17 (Start Month, 2 digits) | b ← write A or B

N TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

RECORDER RESET _____

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

J HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

S (PROBLEMS WITH EQUIPMENT, ETC.): Old Batteries okay (-12.0, +11.5) but recorder not working: will go fast forward but won't go into cycle. Blue box readings: +ID, -ID o. probe 2 don't match. ~~Turbidity~~ ~~values of all probes~~ ~~[illegible]~~ ~~~11:30~~ but slowly increasing Otherwise all checks out.

READING: 5242-10.78-10.80 TIME OBSERVED: Old Batteries replaced.

CORPS OF ENGINEERS ... DACW07-78-C-0049

SAN PABLO - CRIPPS ISLAND

DATA LOGGER CHECK SHEET

:AL _____

ON (spell out) Grizzley Bay * STATION NUMBER* 6

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 2 * YEAR 1980

. ARRIVAL TIME 1208 DEPARTURE TIME 1310

ave blank)

ACCOMPLISHED ON THIS STATION VISIT: Change batteries + tapes

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		1.3	—	—				1.3	170	17.45	1.2
D											
T											

BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TTERY > -12.4					top / bot

ROGATION TIME 1225

METERS OUT OF WATER: Probe 1 — Probe 2 — Probe 3 —

OLD CASSETTE REMOVED 1225

ASSETTE LABEL:* CE | 06 (Station Number, 2 digits) | 17 (Start Month, 2 digits) · b ← write A or B

W TAPE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

RECORDER RESET 1230

ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

U HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

1230 2 June, 1980

KS (PROBLEMS WITH EQUIPMENT, ETC.):

READING: 0.07 TIME OBSERVED: 1227

CORPS OF ENGINEERS PROJECT DACW07-79-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL CK

N (spell out) CHIPPS * STATION NUMBER* 5

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 3 * YEAR 80 *
WTING DAY

. ARRIVAL TIME 0830 DEPARTURE TIME 0910

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: BLUE BIX, INSTALL RECORDER FROM BEVICIM - 633025), RESET CLOCK - Meters not moved

INTERROGATION VALUES (drifting strongly! current moving 270°)

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	1	1.8	-1.28	-0.3	230			-1.8	41.69	17.46	Fluke -.2
	2	0.64	-1.0	-0.03	100			-0.8	1.89	17.10	14.4
	3	1.2	-0.10	+0.6	190			24.32	1.91	16.95	0.0

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 21 - 1231	229				top / bot

OGATION TIME 0848

ETERS OUT OF WATER: Probe 1 Probe 2 Probe 3

LD CASSETTE REMOVED

SSETTE LABEL: CE [Station Number (2 digits)] [Start Month (2 digits)] [ ] ← write A or B

TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

ECORDER RESET 0900 - CLOCK RESET ALSO

LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

S (PROBLEMS WITH EQUIPMENT, ETC.): First records may be bad - May have had wrong setting on recorder. Use second half hour as first good data (0930)

READING: — RESET TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

L JG

N (spell out) San Pablo * STATION NUMBER* 1

ALENDAR DATE: MONTH (spell out) June * DAY 24 * YEAR 1980 *

ARRIVAL TIME 1030 DEPARTURE TIME

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Battery and tape change

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
	0.9	-0.3	-0.2	225			34.51*	31.39	16.35	8.8
	1.6	-0.3	-0.7	180			1.4	28.31	16.55	44
	0.8	+0.7	+0.6	28			1.4	0.02	16.13	0.3

↑ looks broken

ITTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ERY					top
o 12.9					bot

GATION TIME 1045

TERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

O CASSETTE REMOVED 1145

SETTE LABEL: * CE | 01 (Station Number, 2 digits) | 8 (Start Month, 2 digits) · A1 ← write A or B

APE IN CORRECTLY? ✓ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ✓

ORDER RESET 1100

METERS SUBMERGED: Probe 3 N/A Probe 2 ——— Probe 1 ———

AVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1100 24 June 80

(PROBLEMS WITH EQUIPMENT, ETC.):

* looks like wires have been switched and top meter shows bottom reading

ADING: TIME OBSERVED:

CORPS OF ENG... RS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL JJ

N (spell out) Benicia * STATION NUMBER* 3

CALENDAR DATE: MONTH (spell out) June * DAY 24 * YEAR 1980 *

ARRIVAL TIME 0915 DEPARTURE TIME 0940

e blank)

ACCOMPLISHED ON THIS STATION VISIT: Battery change

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
		1.5	3.2	-0.3	180			1.5/	4.9	18.9	27.8
		0.5	+0.6	-0.2	80			.5/	5.7	18.8	0.8
		0.6	+0.4	+0.2	45			/32.35	2.8	18.3	14.0

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 9 -12.7					top
					bot

OGATION TIME 0930

TERS OUT OF WATER: Probe 1 N/A Probe 2 N/A Probe 3 N/A

LD CASSETTE REMOVED N/A (only few days on tape)

SSETTE LABEL: CE [ ] [ ] [ ] ← write A or B

Station Number (2 digits) Start Month (2 digits)

TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

ECORDER RESET 0930

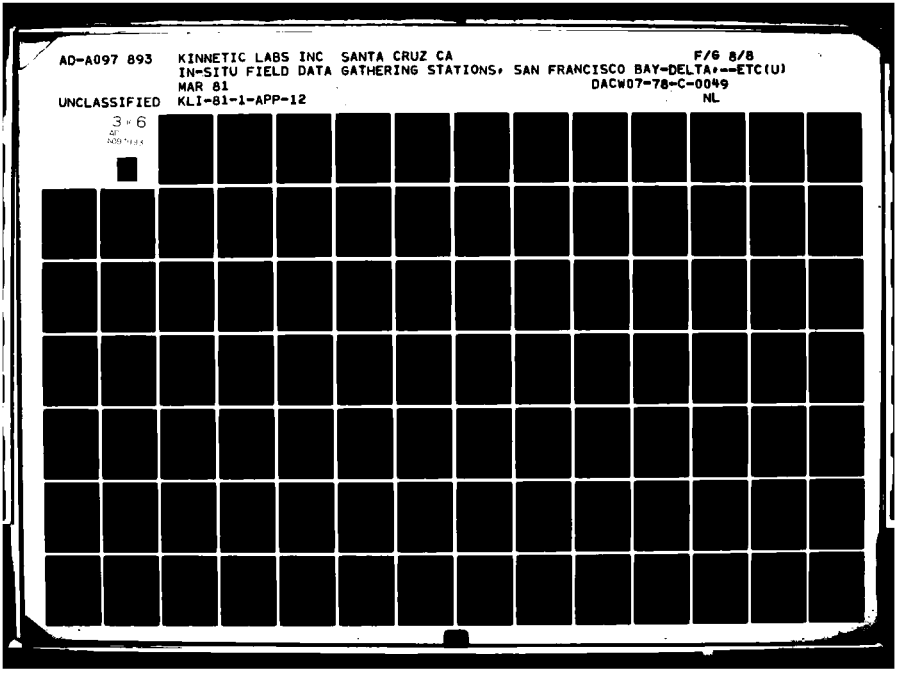
LL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH) 0930 24 June 80

(PROBLEMS WITH EQUIPMENT, ETC.):

READING: Pat taking TIME OBSERVED:

AD-A097 893 KINNETIC LABS INC SANTA CRUZ CA F/G 8/8
IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA,--ETC(U)
MAR 81 DACW07-78-C-0049
UNCLASSIFIED KLI-81-1-APP-12 NL



ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL C12

N (spell out) SAN PABLO * STATION NUMBER* Q1

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 20 * YEAR 80 *

. ARRIVAL TIME 0920 DEPARTURE TIME 1425

e blank)

ACCOMPLISHED ON THIS STATION VISIT: INSTALL STATION 90, 520, 820 cm from bottom
0 bottom, 10 mid, 19 top

INTERROGATION VALUES

MTR# (from depth zero)	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
19										
10										
20										

ATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ERY		not taken			top
					bot

OGATION TIME Pre interrogation - good until data taken

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED _____

SSETTE LABEL: CE [Station Number (2 digits)] [Start Month (2 digits)] [ ] ← write A or B

TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

ECORDER RESET 1400 - (CLOCK RESET)

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): above

1400 a

S (PROBLEMS WITH EQUIPMENT, ETC.): 520 - 90 = 430 cm

No blue box reading — No time. Weather danger
1 Battery is bad. Replace

READING: CLOCK RESET! TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL CLL

(spell out) CHIQUINEZ * STATION NUMBER* 2

CALENDAR DATE: MONTH (spell out) JUNE * DAY 20 * YEAR 80 *

. ARRIVAL TIME 0755 DEPARTURE TIME 0835

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: FLY BY

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		1.97	-.035	+0.005	182			-1.99	5.87	18.23	6.2
D		16.70	+0.02	-0.005	277			76.80	7.95	18.32	0.0
T		9.95	-0.5	-0.023	42			30.67	6.67	17.88	-1.2

BATTERY 11.43 - 11.76	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 12.22 - 12.49		211 cm			top / bot

ROGATION TIME 0825

TERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED ~0810

SSETTE LABEL: CE | 82 (Station Number, 2 digits) | 18 (Start Month, 2 digits) | A ← write A or B

TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? X

ECORDER RESET 0830

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

0830

S (PROBLEMS WITH EQUIPMENT, ETC.):

READING: TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL CR

ON (spell out) Benicia * STATION NUMBER* 3

. CALENDAR DATE: MONTH (spell out) June * DAY 20 * YEAR 80 *

. ARRIVAL TIME 0600 DEPARTURE TIME 0705

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Ft Cy Bay, This one probably

INTERROGATION VALUES — which one is wrong?

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
>		15.12	-0.30	-0.15	183 ~~190~~			14.95	7.85	18.5	34 + 34
)		5.0	+0.80	-0.50	87			-5.12	12.05	18.5	10.0
:		5.58	+0.9	+0.4	48			31.06	6.42	19.24	3.3

BATTERY - TERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
12.3 - 11.6		238 cm			top / bot

OGATION TIME 0650

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED ~ 0615

SSETTE LABEL: CE | 03 (Station Number, 2 digits) | 18 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ☒ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☒

ECORDER RESET 0700

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

0700 ~ above

S (PROBLEMS WITH EQUIPMENT, ETC.): Yes. Note battery — is old battery (new one bad). We will replace in a few days.

READING: _____ TIME OBSERVED: _____

...KPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL Ch

...N (spell out) PORT CHICAGO * STATION NUMBER* 4

CALENDAR DATE: MONTH (spell out) JUNE * DAY 19 * YEAR 1980 *

. ARRIVAL TIME 1630 DEPARTURE TIME 1735

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Fly By

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		5.9	+.14	-0.54	190			-5.93	.35	20.24	160?
D		3.01	±0 Plus.	±0 fluctuates	260			-3.01	0.36	20.08	-0.4
T		10.88	+0.01	+3.0 is this real? — The float	15			35.09	0.36	20.34	11.5

BATTERY — TERY 76 - 12.74	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
		172 cm			top / bot

ROGATION TIME 1706

'ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

)LD CASSETTE REMOVED 1650

'SSETTE LABEL: * CE | 04 (Station Number (2 digits)) | 18 (Start Month (2 digits)) | A ← write A or B

' TAPE IN CORRECTLY? [X] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [X]

RECORDER RESET 1700

'LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

J HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1700 —

'S (PROBLEMS WITH EQUIPMENT, ETC.): Note sun set at 2. I left it unburned or Cassette turned. started about 17 15 so you could see it. I don't know

READING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DA W07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL CH.

ON (spell out) CHIPPS IS. * STATION NUMBER* 5

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 19 * YEAR 80 *

. ARRIVAL TIME ~~1405~~ 1500 DEPARTURE TIME

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Fly Bag ~-

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		18.0 ~~12.75~~	-2.25	-.4	220			~~17.98~~ ~~12.69~~	.23	20.35	MOSTLY 6.0 16.6
D		6.25	-.54	-.14	80			-8.07	0.24	19.9	10.0
T		12.06	+.80	+.20	165			22.17	.24	19.7	4.0

BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY 15 - 12.69	No BM to depth - too soft				top - bot

ROGATION TIME 1540

IETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

)LD CASSETTE REMOVED 1520

ASSETTE LABEL: CE | 06 (Station Number, 2 digits) | 18 (Start Month, 2 digits) · A ← write A or B

TAPE IN CORRECTLY? ☒ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☒

ECORDER RESET 1530

LL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

I HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): 1530

Yes. We saw it @ 1600 ~~to~~

S (PROBLEMS WITH EQUIPMENT, ETC.): AGAIN, MAY BE CARRAGE AT START OF RECORD ~

Rolling badly...
Ebb just about over, water level low —

READING: _____ TIME OBSERVED: _____

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

AL CK

ON (spell out) GRIZZLY BAY * STATION NUMBER* 6

. CALENDAR DATE: MONTH (spell out) JUNE * DAY 19 * YEAR 80 *

. ARRIVAL TIME 1325 DEPARTURE TIME 1415

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Fly By

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
P		13.12						-1308	1.80	14.95	11.1
D											
T											

BATTERY - TERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
76-12.69					top / bot

ROGATION TIME 1350

METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

OLD CASSETTE REMOVED ~ 1355

ASSETTE LABEL: CE 06 (Station Number, 2 digits) 8 (Start Month, 2 digits) A ← write A or B

N TAPE IN CORRECTLY? [X] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [X]

RECORDER RESET 1400

ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

U HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): above 1400

KS (PROBLEMS WITH EQUIPMENT, ETC.):

There may be garbage at start of tape started to record @ 1358 or so — I loaded forward a bit then reset @ 1400,

READING: _____ TIME OBSERVED: our clock today

DATA

(spell out) SAN PABLO • STATION NUMBER 1

CALENDAR DATE: MONTH (spell out) JULY • DAY 2 • YEAR

ARRIVAL TIME DEPARTURE TIME

blank)

COMPLISHED ON THIS STATION VISIT: Pull out instrument

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB

ERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
ERY					top
					bot

TION TIME

RS OUT OF WATER: Probe 1 Probe 2 Probe 3

CASSETTE REMOVED last record on tape

TE LABEL: CE | 01 (Station Number (2 digits)) | 18 (Start Month (2 digits)) | G ← write A or B

E IN CORRECTLY? DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH?

DER RESET

ETERS SUBMERGED: Probe 3 Probe 2 Probe 1

E SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

ROBLEMS WITH EQUIPMENT, ETC.): NOTE. I measured to top water mark
I got 580 cm to Tenth Mark
TAKE OUT RECORDER # 63382

All tape was in! Something wrong

ING: TIME OBSERVED:

(spell out) _____ * STATION NUMBER* _____

CALENDAR DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

ARRIVAL TIME _____ DEPARTURE TIME _____

blank)

ACCOMPLISHED ON THIS STATION VISIT: pull out INSTRUMENTS

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB

TERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
RY					top
					bot

ATION TIME _____

ERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

CASSETTE REMOVED 1325 ⇒ last record @ 1300

ETTE LABEL: CE | 02 (Station Number, 2 digits) | 18 (Start Month, 2 digits) | B ← write A or B

APE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

ORDER RESET _____

METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

VE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

ROBLEMS WITH EQUIPMENT, ETC.): TAKE OUT RECORDER CALLED 'FORT CHICAGO' LOTS OF FOULING

See Back for measurements.

DING: _____ TIME OBSERVED:

7	95 Bottom of the 3rd meter
8	100
9	105.2
10	115.5 Bottom of the 3rd meter

(spell out) _____ * STATION NUMBER* _____

CALENDAR DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

ARRIVAL TIME _____ DEPARTURE TIME _____

blank)

COMPLISHED ON THIS STATION VISIT: PULL OUT INSTRUMENTS

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB

ERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
FRY					top
					bot

TION TIME _____

RS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

ASSETTE REMOVED 1625 (first round 1600)

TE LABEL: * CE | 03 (Station Number, 2 digits) | 18 (Start Month, 2 digits) | B ← write A or B

E IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

DER RESET _____

TERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

E SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

OBLEMS WITH EQUIPMENT, ETC.): TAKE OUT RECORDER CALLED 'SPARE RECORDER'

ING: _____ TIME OBSERVED: _____

5	75.0
6	90.5 Bottom of 1st Meter
2	117.0
8	113.6
9	94.2 Bottom of 2nd Meter
10	110.1
11	103.4
12	95.7
13	110.3 Bottom of 3rd Meter
14	
15	

N (spell out) _____ * STATION NUMBER* _____

CALENDAR DATE: MONTH (spell out) July * DAY _____ * YEAR 1988 *

. ARRIVAL TIME _____ DEPARTURE TIME _____

ve blank)

ACCOMPLISHED ON THIS STATION VISIT: Rescue Equipment except Standoff, Cables & Anchor

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
)											
)											

ATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
TERY -					top / bot

OGATION TIME No Blue Box

ETERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

LD CASSETTE REMOVED 1535

SSETTE LABEL: * CE | 04 (Station Number, 2 digits) | 18 (Start Month, 2 digits) · B ← write A or B

TAPE IN CORRECTLY? ☐ DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? ☐

CORDER RESET _____

L METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

(PROBLEMS WITH EQUIPMENT, ETC.):

Power Down 1530

EADING: _____ TIME OBSERVED: _____

(spell out) _____ * STATION NUMBER* ___ - ___

CENDAR DATE: MONTH (spell out) July * DAY 3 * YEAR 1986 *

RRIVAL TIME 1305 DEPARTURE TIME _____

blank)

COMPLISHED ON THIS STATION VISIT: Remove System Except for Hardware

INTERROGATION VALUES

MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB

ERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
					top
					bot

TION TIME NO Blue Box readings

RS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

CASSETTE REMOVED 1325

TE LABEL: * CE | 05 (Station Number (2 digits)) | 18 (Start Month (2 digits)) | B ← write A or B

E IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

DER RESET 0

ETERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

E SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH): _____

ROBLEMS WITH EQUIPMENT, ETC.):

Power Down 1350

ING: _____ TIME OBSERVED: ____

Instrument Change or Data Interrupt Sheets

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 21 March 79

STATION: Port Chicago (# 4)

INSTRUMENT PACKAGES INVOLVED: old removed: 6271018 (I.D. 1.2)
new replaced: 6271020 (ID 1.6)

DATE OF CHANGE: 21 March 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

bad depth sensor on old meter
recorder NOT turned off during operations
meters up ~ 1300, back down ~ 1500.

(went back to change meter)

1300 = 2100 GMT
1500 = 2300 GMT
first good record @ 2300 80 1979

012.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 21 March 79

STATION: Carquinez Straits (#2)

INSTRUMENT PACKAGES INVOLVED: old & new : no. 6271007 (I.D. 1.0)

DATE OF CHANGE: 21 March 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Bad depth sensor on meter; repaired and back down.

meters up ~ 1600 & back down ~ 1800.

was the recorder turned off? (No)

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

~~DATE: 19 April 1979~~

STATION: Carquinez Straight - Station #2

INSTRUMENT PACKAGES INVOLVED: old: 6271010 new: 6271018

DATE OF CHANGE: 19 April 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

meters changed because of bad turbidity sensor

I.D. old: +1.4

I.D. new: +1.2

(readjusted turbidity sensor on new meter before re-installing in water)

CORPS OF ENGINEERS CONTRACT DACW07-78-C-0049

SAN FRANCISCO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) _____ * STATION NUMBER * _____

CALIFORNIA
CALENDER DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME 1230

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [✓] 2) Instrument Check [ ]
3) Tape Change [ ] 4) Battery Change [✓]
5) Damage Repair [ ] 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [ ] [ ] [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [✓] [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): _____

REMARKS (problems with equipment, etc.): _____

ARMY CORPS OF ENGINEERS PROJECT DACW07-78-C-0149

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) _____ * STATION NUMBER * _____

CALIFORNIA
CALENDER DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

CALIFORNIA ARRIVAL TIME 0903

DEPARTURE TIME 0935

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)								-0.6	24.27		
PROBE 2 (mid)									24.88		
PROBE 3 (bottom)									25.88		

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED NOT

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [YES NO] [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) [illegible] * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) [illegible] * DAY [illegible] * YEAR [illegible] *

CALIFORNIA ARRIVAL TIME [illegible]

DEPARTURE TIME [illegible]

(leave blank)

RECORDER'S SIGNATURE [illegible]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☐ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other [illegible]

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROBE 2 (mid)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROBE 3 (bottom)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INTERROGATION TIME [illegible]

TIME METERS OUT OF WATER: Probe 1 [illegible] Probe 2 [illegible] Probe 3 [illegible]

TIME OLD CASSETTE REMOVED [illegible]

OLD CASSETTE LABEL:* C E [illegible] . [illegible] ← write A or B

↑Station Number (2 digits) ↑Start Month- (2 digits)

IS NEW TAPE IN CORRECTLY? [illegible] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [illegible] DID YOU CLOSE THE LATCH? [illegible]

TIME RECORDER RESET [illegible]

TIME ALL METERS SUBMERGED: Probe 3 [illegible] Probe 2 [illegible] Probe 1 [illegible]

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): [illegible]

REMARKS (problems with equipment, etc.): [illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 26 April 79

STATION: Carquinez Sta (# 2)

INSTRUMENT PACKAGES INVOLVED: old recorder 6330226
new " 6330223

DATE OF CHANGE: 26 April 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

No data interupt except old recorder was eating batteries for breakfast, lunch, & dinner & little tape used up.

old tape used

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 May, 1979

STATION: San Pablo #1

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 2 May, 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Removed old Cassette 0928 P.D.T.

Changed batteries - voltages looked good in old set.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Fort Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 7 * YEAR 1979

CALIFORNIA ARRIVAL TIME 0835

DEPARTURE TIME 1213

(leave blank)

RECORDER'S SIGNATURE Orrin Glasgow

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X]
2) Instrument Check [X]
3) Tape Change [ ]
4) Battery Change [ ]
5) Damage Repair [ ]
6) Other un-twist wire on middle meter

after mid measurings 2X. 1225.

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)			12.5	+6.9	-1.19	-.72	339	6.9	7.0	16.35	7.6
PROBE 2 (mid)				2.6				- . =	-.03		
PROBE 3 (bottom)				15.8	.95	-.20	104	32.8	7.29	16.35	10.0

777 12.2 calib still

INTERROGATION TIME (last "good" readings at 0930) 1145

TIME METERS OUT OF WATER: Probe 1 @ 0950 Probe 2 @ 1015 Probe 3 @ 1120

TIME OLD CASSETTE REMOVED

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET (1200)

TIME ALL METERS SUBMERGED: Probe 3 1105 Probe 2 1120 Probe 1 1135

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): - ID on middle meter jumping around, conductivity bad. Old ID = .1
did internal reset ⟹ new ID = 1.4

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 7 May

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: mid meter

DATE OF CHANGE: 7 May

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

meter change - mid old ID = .1 #6271008

at @ 1020 (new ID = 14 #6271010

last "good" reading (color rotor out of water)

at 0930

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 Sept. 79

STATION: 2, Carquinez

INSTRUMENT PACKAGES INVOLVED: mid-meter

DATE OF CHANGE: 17 May 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

old meter: ID = 1.2 #12

new meter: ID = 0.1 #3

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 8 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 0900

DEPARTURE TIME 1215

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [ ] 4) Battery Change [ ]
5) Damage Repair [ ] 6) Other Replace probe 2

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		8		0.6	-1.3	-0.8	218	0.6	29.83	18.75	62
PROBE 2 (mid)				1.2	+007	-1.04	150	20.22 d+h	32.02	18.06	59
PROBE 3 (bottom)				1.0	-.07	-.8	188	29.16	32.14	18.59	59.0

INTERROGATION TIME 1145

TIME METERS OUT OF WATER: Probe 1 0920 Probe 2 0925 Probe 3 0935

TIME OLD CASSETTE REMOVED NOT Applic:

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE ~~CORRECT~~ INFORMATIC ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 1100

TIME ALL METERS SUBMERGED: Probe 3 1040 Probe 2 1055 Probe 1 1115

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): up 1130 down 1158
1100 8 June 79

REMARKS (problems with equipment, etc.): recorder off at 0915 recorder on 1100 - first usable record at ~~1130~~ 1200 hrs. meter change - mid from 13 to 18 (I.D. 1.2)

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 8 June 79

STATION: San Pablo (#1)

INSTRUMENT PACKAGES INVOLVED: current meter (old) # 13

" " (new) # 18 (ID 1.2

DATE OF CHANGE: 8 June 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

bulkhead connector on probe system has pin broken - Cable is OK.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: June 79

STATION: P+C Chicago

INSTRUMENT PACKAGES INVOLVED: Recorder changed from 6330226 to 6330227

DATE OF CHANGE: 14 June 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Old Recorder craps out after couple days - will not advance tape - batteries are OK! -

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: June 7-9

STATION: Chicago

INSTRUMENT PACKAGES INVOLVED: Recorder changed from 6330226 to 6330227

DATE OF CHANGE: 14 June 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

old Recorder craps out after couple days - will not advance tape - batteries are OK! -

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 JULY 1979, Monday

STATION: NO. 4 – PORT CHICAGO BEACON 19

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 2 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

P. Carpenter climbed into tower and changed data cassette. His comments are as follows.

Old cassette taken out @ 0905
Recorder not touched (!)
First record on new tape should be at 0930.
This cassette is known as
ce 0407.a1

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chipps Is * STATION NUMBER * 05

CALIFORNIA
CALENDAR DATE: MONTH (spell out) July * DAY 2 * YEAR 79 *

CALIFORNIA ARRIVAL TIME ~~1000~~ 0950

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE PC

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☑ 6) Other Last Change

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED Turned off 1010

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1200 July 2 79

TIME ALL METERS SUBMERGED: Probe 3 1205 Probe 2 1215 Probe 1 1228

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1000, 1200 July 2 79 1st usable record 1230

REMARKS (problems with equipment, etc.):
2 probe hooked to cable # 1 & Visa Versa
1 probe came up flooded - broken current probe shaft
(# 12, ID 1.7 Changed to # 13, code 0.8

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 JULY 1979

STATION: CHIPPS ISLAND STATION 5

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 2 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

REMOVE CASSETTE

0930 - LAST DATA RECORD ON TAPE

-VE I.D.
Temp -
Turbidity
Conductivity
} ALL WRONG -

1045 - First Sensor up - Current Probe fell out ~~instrument~~ [illegible] H2O

Recorder Turned off @ 1010 - Change Batteries -

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 JULY 1979

STATION: CHIPPS ISLAND: NUMBER 5

INSTRUMENT PACKAGES INVOLVED: PROBE 3

DATE OF CHANGE: 18 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probe 3 was removed. A probe which had been in use at San Pablo was substituted.

The old probe is serial number 6271 019 (ID: 0.9)

The new probe (from San Pablo at mid-depth) is serial number 6271 018 (ID: 1.2)

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 JULY 1979

STATION: SAN PABLO : NUMBER 1

INSTRUMENT PACKAGES INVOLVED: PROBE 2

DATE OF CHANGE: 17 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probe 2 was exchanged. This probe was moved to Chipps on 18 JULY to go on the bottom there (since it had a pressure sensor). The old San Pablo probe and the new Chipps probe is serial number 6271018 (I.D.: 1.2).

The new probe 2, here at San Pablo is serial number 6271012 (I.D.: 1.7 VOLT).

There was no interruption to the data stream. Tapes were changed during a regular monthly service.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 JULY 1979

STATION: PORT CHICAGO, NUMBER 6

INSTRUMENT PACKAGES INVOLVED: DATA RECORDER

DATE OF CHANGE: 13 July 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Change Recorder. New recorder is serial number 6330226.

Records prior to this are (probably) no good.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 AUGUST, 1979

STATION: PORT CHICAGO #4

INSTRUMENT PACKAGES INVOLVED: 1 AND 3

DATE OF CHANGE: ABOVE

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probes 1 and 3 at Port Chicago were found to have broken seals at the current sensor. These are removed from record rest at 2030.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 23 AUGUST 1979

STATION: 4, PORT CHICAGO

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 23 AUGUST 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Bottom probe here was installed.
The serial number probably is 6271019 (ID=0.9)*

The first record from this meter was taken at 1930 (next time).

There is still no Top meter here.
There was no bottom meter up to the time this one was installed.

* This could be wrong. Double check I.D. value.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 20 Sept 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: Meter

DATE OF CHANGE: 20 Sept 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Power interrupted to recorder @ 1200 — Wire came unattached from battery while batteries being removed from case

Top meter added (has depth sensor)

Recorder ~~under~~ reset at 1230 but clip came off battery again after 1st cycle of readings. Recorder turned off

Recorder and 1st reading at 1300 Reset + 1st reading

CORPS OF ENG_NEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: Sept. 20, 1979

STATION: #5 - Chipps Is

INSTRUMENT PACKAGES INVOLVED: Recorder + battery change

DATE OF CHANGE: Sept. 20, 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Recorder failed to advance for 0930 reading
At 0938 I hand load feed. Recorder heated, clicked, and began to take up tape, After load fwd. released, recorder began to cycle through its readings. Allowed cycle to complete then turned off recorder and replaced it and bateries w/ a fresh set.

Voltage on old bateries: +9 V.

Initial reading at 1000 hrs PDT. with new recorder and old tape.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: San Pablo

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last reading @ 10:30. Power off ~ 10:40

Removed all 3 motors, recorder box and batteries for refitting, cleaning, antifouling paint, and recalibration. Left cables tied off to piling. Tape left in recorder

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: Carquinez Straits

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record @ 1230 P.M. Power down ≈ 12:45
Removed all 3 meters, recorder box and batteries. Left
Cables attached to wooden pilings. Tape left in recorder

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 3 Oct 1979

STATION: Benicia

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 3 Oct 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record at 1200 P.D.T.

Removed all 3 current meters, recorder and batteries for repair + recalibration

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record @ 2130 PM Power down ~ 2150
Removed all 3 meters, recorder box, and batteries
for cleaning retrofitting and recalibration. Left all cables
tied off to piling. Take light in recorder

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: Chipps Island

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct.

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last read 4:00 P.M., Power off ~ 4:15. Removed all 3 meters, recorder unit and batteries for cleaning, replacement of parts, and recalibration. Tape left in recorder.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 3 Oct 1979

STATION: Grizzley

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 3 Oct

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record @ 1030 P.D.T.

Removed meter, recorder unit and batteries for servicing meter very heavily fouled w/ several layers of barnacles and a few cat of Lydiacks

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: San Pablo

INSTRUMENT PACKAGES INVOLVED: installed RETERS #4

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to data acquisition mode
at 1900. after RETER overhauls & calibrations.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1978

STATION: Carquinez Straights

INSTRUMENT PACKAGES INVOLVED: INSTALLED METERS

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to data acquisition mode
After Meter over Hauls & recalibrations
up at 1700.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Benicia Bridge

INSTRUMENT PACKAGES INVOLVED: INSTALLED METERS

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to DATA ACQUISITION MODE After METER overhaul & recalibration.

UP AT 1300

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: METER INSTALLATION

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to DAS acquisition mode after meter overhaul & recalibration

up at 1530

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: CHipps Island

INSTRUMENT PACKAGES INVOLVED: RETER INSTALL

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned STATION TO DATA
ACQUISITION MODE After
RETER overhaul & Recalibration
up AT 1030

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Grizzley Bay

INSTRUMENT PACKAGES INVOLVED: INSTALL METER #3C

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Attempted & failed to return station to data ACQUISITION MODE i.e. bad sensor cable to METER.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 November 79

STATION: San Pablo

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 6 November 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Change batteries [one Low value -9.5V]

Arrive 0915

Clock recording: at PMT

OLD BATTERY CHECK - -10.8
+12.0

NEW - +12.6
-12.8

Down at 0915
Up at 0950

MASTER CLOCK - 9.47
REAL TIME - 0925
RECORDER CLOCK - 9.36
- 0935

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 November 1979

STATION: Carquinez straights

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 6 November 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Replaced Low batteries
+11.5v } - 11.6v

PMT	C values
~~10:30~~	~~RC-9.57~~
	RC 9.57

OLD BATTERIES - 11.7
+11.3

New batteries: + 12.6
- 12.6

Down at 1010
up at 1130

CORPS OF ENGINEERS PROJECT DACW07-78-00 9

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 November 1979

STATION: Grizzley Bay

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 6/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Replaced cable & returned station to data acquisition mode after meter overhaul & recalibration.

PST	check values
12:20	MC 9.79
	RC 9.50

New Batteries +12.9 ✓
−12.4 ✓

+ I.D. = 1.3
− I.D. = 1.3
C = +10.7
T = +15.9
TR = +20.9

UP AT: 1230

TEMP. 16.25°C
Salinity #139

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 27 November 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 27-28/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

CHANGE METER #20 (Bottom) for #19 (new bottom)
& repair STAND off. - recorder off 1330 27 Nov 79

START 1530 on 28 November 1979

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 27 November 1979

STATION: Chipps Island #5

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 27/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Raised meters for case-chassis check

~~Stop at 100~~ Last record 1000

New start 1230

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 28 November 1979

STATION: Grizzley Bay #C

INSTRUMENT PACKAGES INVOLVED: 20 ~~CHAN~~ Reset RC (clock) to TC

DATE OF CHANGE: 28/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last reading 1600

New reading 1700

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 4 December 1979

STATION San Pablo

INSTRUMENT PACKAGES INVOLVED: repair ~~Probe~~ Probe #2 [TT]

DATE OF CHANGE: 4 December 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

regero TR & Replace cord on Beam Transmissometer.
Down at 1140
up at 1530

replace fuses on probe #1-3.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

Data interrupt

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 4 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 1135

DEPARTURE TIME 1545

(leave blank)

RECORDER'S SIGNATURE Pace

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☑ 6) Other Repair TR on #2

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.0	12.5	.6	-.8	+.7	113		326	13.8	108 — off
PROBE 2 (mid)			1.8		-.7	-.1	60		34.5	13.6	93
PROBE 3 (bottom)				6.1	+.2	+.5	330	37	34	13.6	84

INTERROGATION TIME 1510

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1530

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1530 Pace 4 Dec 79

REMARKS (problems with equipment, etc.):

- Clocks

R.C. 0490
R.C. 0487

R.C. 0550
R.C. 0588

1520 PRT

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: #1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): December DAY 4 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1140

DEPARTURE TIME: 1545

RECORDER'S SIGNATURE: Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection [✓] 2) Instrument Check [✓]

3) Tape Change [ ] 4) Battery Change [ ]

5) Damage Repair [✓] 6) Other [ ]: repair Trans. on #2 probe

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270°

TIME: 1515 EBB OR FLOOD?: ~~Flood~~ Ebb

FLOW METER READINGS (start): 640,716 (end): 648533

FLOW METER TIMES (in water): 1515 (out of water) 1520

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 13.3° C

SALINITY BOTTLE NUMBER: #21

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 4 December 1979

STATION: Carquinez #2

INSTRUMENT PACKAGES INVOLVED: Recorder tape change

DATE OF CHANGE: 4 Dec. '79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Down at 1005

up at 1030

replace recorder tape

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

Data incomplete

STATION (spell out) Carquinez * STATION NUMBER * #2

CALIFORNIA
CALENDER DATE: MONTH (spell out) December * DAY 4 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME ~~0930~~ 1000

DEPARTURE TIME 1040

(leave blank)

RECORDER'S SIGNATURE Price

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☑ 6) Other replace recorder & TAP

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		12.1	12.4	.2	-.5	-.27	203		16.2	12.4	92.3
PROBE 2 (mid)				.1	-.6	+.8	320		16.8	12.4	98.2
PROBE 3 (bottom)				1.0	+.01	+.02	356	30.2	19.0	12.3	44.3

INTERROGATION TIME 1005

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED 1015

OLD CASSETTE LABEL:* C E | | | . | | ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? C ☐ O ☑ DID YOU WRITE THE CORRECT INFORMATION

ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1030

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

1030 Price 4 Dec 79

MARKS (problems with equipment, etc.): Clocks

Old Recorder	New recorder
R.C. 0485 1010 AMT	R.C. 0486 1020 FST
M.C. 0482	M.C. 0486

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: #2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): December DAY 4 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1000

DEPARTURE TIME:

RECORDER'S SIGNATURE: Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection	☑	2) Instrument Check	☑
3) Tape Change	☑	4) Battery Change	☐
5) Damage Repair	☑	6) Other ☐ : replace recorder & tape	

YSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): slack

TIME: 1015 EBB OR FLOOD?: ~

FLOW METER READINGS (start): 640,000 (end): 640,707

FLOW METER TIMES (in water): 1045 (out of water): 1020

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.4° C

SALINITY BOTTLE NUMBER: #125

(leave blank)

ARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 26 December 1979

STATION: Grizzley Bay

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE:

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Missed 1130 reading.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 29 January 1980

STATION: Benicia

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 29 Jan 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Power down 1315

power up 1500

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 30 Jan 1980

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: probe # 3 changed to SN/# 20

DATE OF CHANGE: 30 Jan 1980 ID ≈ 1.6V

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probe # 3 relocated to 150 from bottom of turnbuckle (it was 90 cm).

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 30 January 1980

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE:

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Exchanged SM 6271019 ID 0.9V
for SM 6271020 ID 1.6V
AT #3 probe (Bottom).

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 26 February 1980

STATION: Carquinez Straights

INSTRUMENT PACKAGES INVOLVED: change probe #2 (SN 6271008) to (SN6271011

DATE OF CHANGE: For replacement of Faulty current sensor
26th Feb 80

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Power Down @ 1245

power up : 1630

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 27 February 1980

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: change probe #3 (SN6271006) to (SN6271017)

DATE OF CHANGE: replace Bad compass 27 Feb. 80

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Power Down @ 1045

Not returned to service, because of faulty recorder (failed to initiate). Returned recorder to Lab. for shipment to InterOcean. No spare recorder AVAILABLE AS IT IS ALSO AT InterOcean (JAMS READOUT TAPES).

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 27 February 1980

STATION: Benicia / Martinez Bridge

INSTRUMENT PACKAGES INVOLVED: Changed probe #2 (SN 627101) to (SN 627101S

DATE OF CHANGE: replaced faulty conductivity & current sensors.
27 Feb 80

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Power Down: 1215

Power up: 1400

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: MARCH 19, WED, 1980

STATION: BENICIA, STN 3

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: MARCH 19, 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

We wanted to get out the second Benicia meter because it has a depth sensor (probe # 15).

So we replaced it with # 1

AND, since we were hit by a large wave by the USN ship Shoshone we probably damaged the top meter (# 2), This we replaced with meter # 6.

Sorry about all the complications, Blame the Navy. Comm Recbrief 1725

We stopped the tape and removed it.

Filename is ce0315.b1 —

New tape will have filename ce0315.b2

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 21 Mar 80

STATION: San Pablo

INSTRUMENT PACKAGES INVOLVED: Recorder

DATE OF CHANGE: 21 Mar 80

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Jumper cable disconnected from battery while being placed back into white box. First reset + record at 1630. Jumper cable off at 1645. New reset + 2nd record at 1700. Clock not reset at 1700.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

ITIAL CLR

CATION (spell out) Benicia * STATION NUMBER* 3

LL. CALENDAR DATE: MONTH (spell out) MARCH * DAY 19 (WED) * YEAR 1980 *

LIF. ARRIVAL TIME 1430 DEPARTURE TIME

leave blank)

SKS ACCOMPLISHED ON THIS STATION VISIT: INTERRUPT NORMAL SEQUENCE TO GET DEPTH PROBE MIDDLE METER - INSTALL METER #1 ON MID POSITION, #6 ON TOP

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
TOP	6	.3	+.38	-.1	53			-.3	.22	10.16	0.2
MID	1	.5	+.3	-.3	70			-.5	.22	12.25	2.5
BOT		.3	+.3	+0.5	05			32.24	.22	11.93	45
								982.7			

D BATTERY	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
12.0 - 12.3					
ERY	1179.7	197 cm	982.7		top
-					bot

ERROGATION TIME 1655 ~ flood almost over - but still flooding pretty -

E METERS OUT OF WATER: Probe 1 ~ 1500 Probe 2 1530 Probe 3 ~ 1545

E OLD CASSETTE REMOVED 1440

CASSETTE LABEL: CE | 03 (Station Number, 2 digits) | 15 (Start Month, 2 digits) | b1 ← write A or B

NOTE THE FIRST OF A 2 FILE SET. CLR.

NEW TAPE IN CORRECTLY? YES | X

DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? X

E RECORDER RESET 1701 ~ - should 1700:30

E ALL METERS SUBMERGED: Probe 3 always down Probe 2 ~ 1730 Probe 1 ~ 1750

OU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

yes ~ 1701

RKS (PROBLEMS WITH EQUIPMENT, ETC.): THERE IS A VIGOROUS FLOOD (1500) - TROUBLE WITH NAVY SHIP SHOSHONE - HEAVY WAVE AT APROX 1510 - SMASHED TURBIDITY SENSOR WIRE PLUS OTHER POSSIBLE DAMAGE C.A. 1525

other side →

K READING: no data taken TIME OBSERVED:

Section 5
3/19/80

install #1 (ID=0.5) in middle —
install #6 (ID=) on top —

$V_x \neq 0$ $V_y \sim -1$ $\theta = 235$ — on strong flood
should read 30°

(reverse axes and it works ok) —
Check again.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 30 April 1980

STATION: Carquinez STRAIGHTS

INSTRUMENT PACKAGES INVOLVED: Battery change

DATE OF CHANGE: 30 April 80

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Change + Battery

New Battery ≃ +12.7, -12.5

Power-Down 1115

Initialize at: 1130

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: MAY 19, 1980

STATION: BENICIA, #3

INSTRUMENT PACKAGES INVOLVED: RECORDER

DATE OF CHANGE: MAY 19, 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Corps Microfiche indicated recorder problems — Change in "spare recorder."
Blue box reading for this event.
Power down 1040 PDT

Power up @ 1130 - RECORDER CLOCK WILL BE RESET 1130 PDT
(Watch out for PDT @ N.)

Old cassette label will be CC0317.A

CORPS OF ENGINEERS PROJECT LACW07-78 C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

INITIAL CL

STATION (spell out) PORT CHICAGO * STATION NUMBER* 4

CALENDAR DATE: MONTH (spell out) MAY * DAY 19 * YEAR 80 *

ARRIV. ARRIVAL TIME 1225 DEPARTURE TIME 1525

(leave blank)

TASKS ACCOMPLISHED ON THIS STATION VISIT: VISIT STATION AND REMOVE MIDDLE PROBE

INTERROGATION VALUES

	MTR#	+ID	V_x	V_y	DIR	R	θ	-ID/DP	C	T	TURB
TOP	DIR										
MID	DIR INTER	.3	+1.2	+.4	255			-.3			
BOT		1.1	-.8	+1.1	46			(0.8)	.19	18.52	19.6

We are testing recs

OLD BATTERY -	BM TO DPTH	BM TO WL	DPTH	DK DPTH	CALC SALT
NEW BATTERY -					top / bot

INTERROGATION TIME

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED

NEW CASSETTE LABEL: ~~CE~~ [Station Number (2 digits)] [Start Month (2 digits)] - [ ] ~~write A or B~~ SAME CASSETTE

NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON THE CASSETTE AND DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET

TIME ALL METERS SUBMERGED: Probe 3 Probe 2 Probe 1

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (SPELL MONTH):

REMARKS (PROBLEMS WITH EQUIPMENT, ETC.): NOTE PREVIOUS DATA LOGGER CHECK SHEET, MAY 16 — LAURIE: WE WILL KEEP SAME CASSETTE — SPLIT FILE AND CORRECT FIRST PART — DATA NO GOOD BETWEEN 1300 AND 1500

DOCK READING: —Strong ebb most of the time — TIME OBSERVED:

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 MAY 1980

STATION: PORT CHICAGO

INSTRUMENT PACKAGES INVOLVED: MIDDLE PROBE

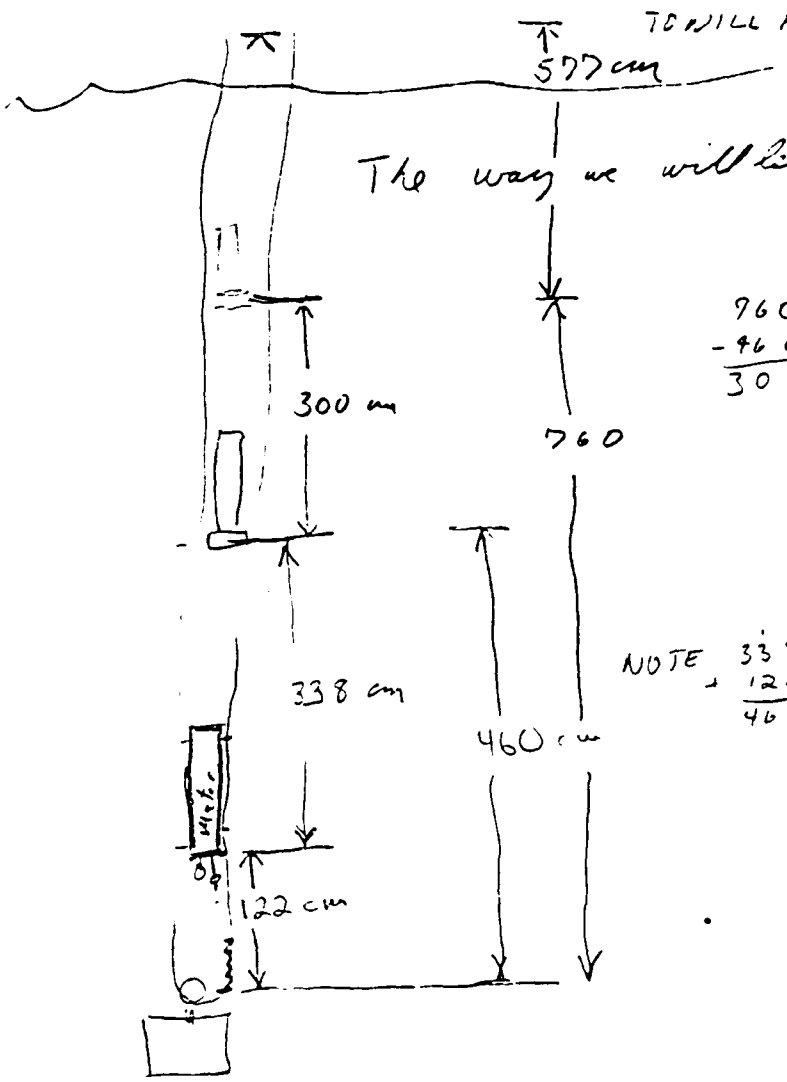
DATE OF CHANGE: 19 MAY 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

INSTALL # 06 (Just in from Interdem)

TAKE OUT # 10

See Data Logger Check Sheet for field notes C.K.



960
-460
300

NOTE 338
122
460

460
-150
310

+60
-122
-247
-61

460

246
92
338

SAVE

Pt Chicago - 12 May

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL A

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 16 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1410 DEPARTURE TIME: 1450

TASKS ACCOMPLISHED ON THIS STATION VISIT: Secchi, Current, Salinity, Batteries, ground truth

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1420 EBB OR FLOOD?:

FLOW MTR REVS (start): 937000 (end): 937041 (diff):

W MTR TIME (in water): 1427:30 (out): 1429:30 (diff):

REVS/MIN: SPEED:

MMENTS ON CURRENT: 1.5 knots

BUCKET TEMPERATURE °C: N/A

SALINITY BOTTLE NUMBER: 514 FIELD SALINITY:

(leave blank)

EMARKS (problems with equipment, etc.):

SIM SOSE Project borrowed Hydrometer

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 23 June 1980

STATION: San Pablo #9, Station #01

INSTRUMENT PACKAGES INVOLVED: ALL

DATE OF CHANGE: Friday, 20 June 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

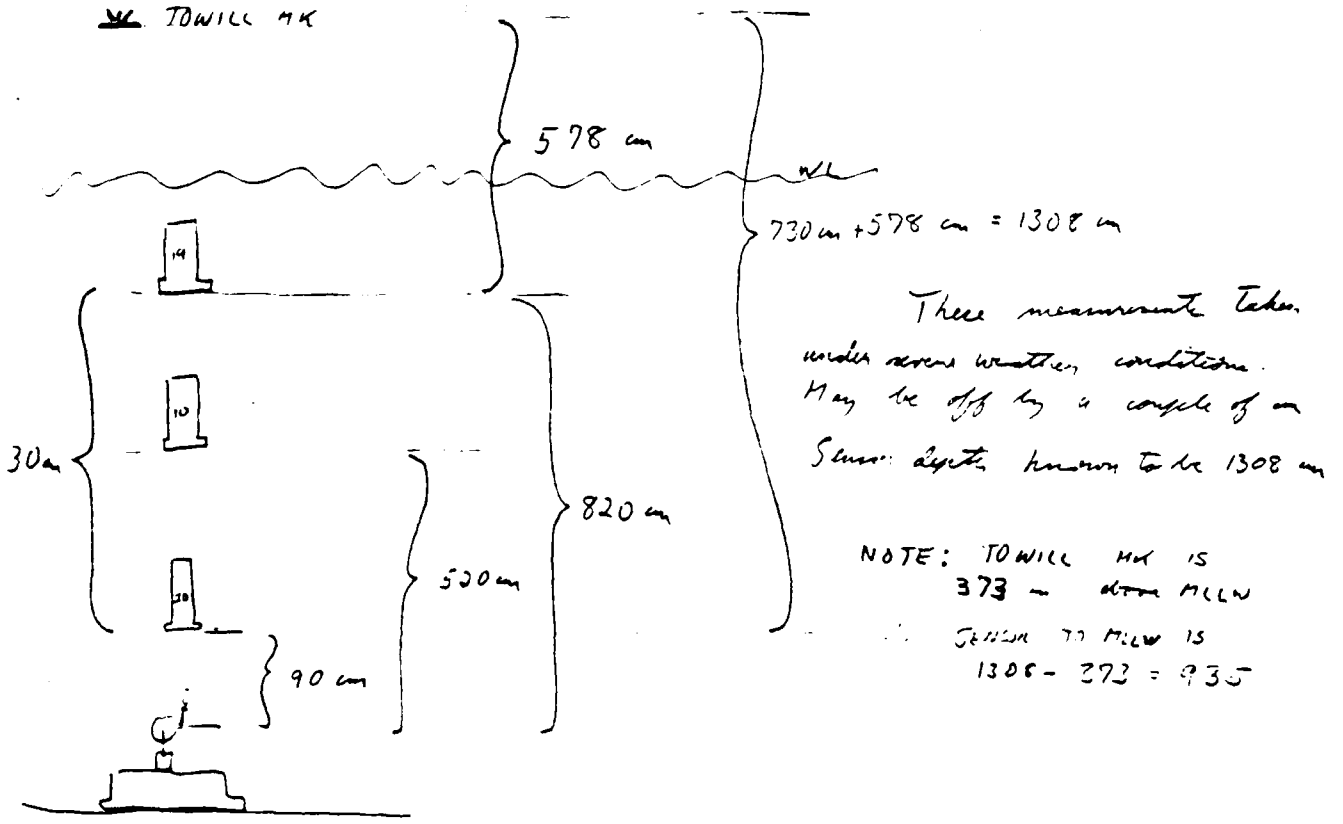
Install meters at San Pablo.

TOP #19
MID #10
BOTTOM #20

CLOCK RESET AND TAPE INITIALIZED @ 1400

ALSO INSTALL RECORDER 6330228

C.R. DID SENSOR MEASUREMENTS ↓↓↓



These measurements taken under severe weather conditions. May be off by a couple of cm

Sensor depths known to be 1308 cm

NOTE: TOWILL MK IS 373 - above MLLW

SENSOR TO MLLW IS 1308 - 373 = 935

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 23 June 1980

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: Bottom, Probe #3

DATE OF CHANGE: 30 April, 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Evidently meter #15 (from San Pablo) was emplaced to replace probe #20 (for Loch Lomond testing). [This notice completed late June to fill out paperwork.]

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 23 June 1980

STATION: Chipps Island, #5

INSTRUMENT PACKAGES INVOLVED: Recorder Change

DATE OF CHANGE: 3 June 1980

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Install recorder # 633025,
Reset Clock 0900

Take out recorder # 633@228 and send to Inter Ocean (This was put in at San Pablo 20 June 1980).

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 21 March 79

STATION: Port Chicago (# 4)

INSTRUMENT PACKAGES INVOLVED: old removed: 6271018 (I.D. 1.2)
new replaced: 6271020 (ID 1.6)

DATE OF CHANGE: 21 March 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

bad depth sensor on old meter

recorder NOT turned off during operations

meters up ~ 1300, back down ~ 1500.

(went back to change meter)

1300 = 2100 GMT

1500 = 2300 GMT

first good record @ 2300 80 1979

DJL.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 21 March 79

STATION: Carquinez Straits (#2)

INSTRUMENT PACKAGES INVOLVED: old & new : no. 6271007 (I.D. 1.0)

DATE OF CHANGE: 21 March 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Bad depth sensor on meter; repaired and back down.

meters up ~ 1600 & back down ~ 1800.

was the recorder turned off? (No)

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

~~DATE: 19 April 1979~~

STATION: Carquinez ~~Straits~~ - Station #2

INSTRUMENT PACKAGES INVOLVED: old: 6271010 new: 6271018

DATE OF CHANGE: 19 April 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

meters changed because of bad turbidity sensor

I.D. old: +1.4

I.D. new: +1.2

(readjusted turbidity sensor on new meter before mounting in water)

... OF ENGINEERS ... DACW07-...-C-0049

SAN FRANCISCO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) _____ * STATION NUMBER * _____

CALIFORNIA
CALENDER DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

CALIFORNIA ARRIVAL TIME _____

DEPARTURE TIME 17:30

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [✓]
2) Instrument Check [ ]
3) Tape Change [ ]
4) Battery Change [✓]
5) Damage Repair [ ]
6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED _____

OLD CASSETTE LABEL:* [C E] [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [C ⊂ C] [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES?* [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): _____

... (problems with equipment, etc.): _____

ARMY CORPS OF ENGINEERS PROJECT DACW07-78-C-0149

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) _____ * STATION NUMBER * _____

CALIFORNIA
CALENDER DATE: MONTH (spell out) _____ * DAY _____ * YEAR _____ *

CALIFORNIA ARRIVAL TIME 0903

DEPARTURE TIME 0935

(leave blank)

RECORDER'S SIGNATURE _____

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other _____

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)								-0.6	29.27		
PROBE 2 (mid)									24.88		
PROBE 3 (bottom)									25.88		

INTERROGATION TIME _____

TIME METERS OUT OF WATER: Probe 1 _____ Probe 2 _____ Probe 3 _____

TIME OLD CASSETTE REMOVED NOT

OLD CASSETTE LABEL:* C E [ ][ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET _____

TIME ALL METERS SUBMERGED: Probe 3 _____ Probe 2 _____ Probe 1 _____

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.):

all OK

[illegible] OF ENVIRONMENTS PROJECT CA/WQT-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) [illegible] * STATION NUMBER * 2

CALIFORNIA
CALENDER DATE: MONTH (spell out) [illegible] * DAY [illegible] * YEAR [illegible] *

CALIFORNIA ARRIVAL TIME [illegible]

DEPARTURE TIME [illegible]

(leave blank)

RECORDER'S SIGNATURE [illegible]

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☐
2) Instrument Check ☒
3) Tape Change ☐
4) Battery Change ☒
5) Damage Repair ☐
6) Other [illegible]

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROBE 2 (mid)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PROBE 3 (bottom)				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INTERROGATION TIME [illegible]

TIME METERS OUT OF WATER: Probe 1 [illegible] Probe 2 [illegible] Probe 3 [illegible]

TIME OLD CASSETTE REMOVED [illegible]

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? C ☐ C [ ] DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET [illegible]

TIME ALL METERS SUBMERGED: Probe 3 [illegible] Probe 2 [illegible] Probe 1 [illegible]

IF YOU HAVE SPAN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): [illegible]

REMARKS (problems with equipment, etc.): [illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 26 April 79

STATION: Carquinez Sta (# 2)

INSTRUMENT PACKAGES INVOLVED: old recorder 6330226
new " 6330223

DATE OF CHANGE: 26 April 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

No data interupt except old recorder was eating batteries for breakfast, lunch, & dinner & little tape used up.

old tape used

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 May, 1979

STATION: San Pablo #1

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 2 May, 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Removed old Cassette 9:28 P.D.T.

Changed batteries - voltages looked good in old set.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Fort Chicago * STATION NUMBER * 4

CALIFORNIA
CALENDER DATE: MONTH (spell out) May * DAY 7 * YEAR 1979

CALIFORNIA ARRIVAL TIME 0835

DEPARTURE TIME 1200

(leave blank)

RECORDER'S SIGNATURE Orrin Glasgow

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [ ] 4) Battery Change [ ]
5) Damage Repair [ ] 6) Other Un-twist wire on middle meter

after mid-ex. 1225 mid-morning

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)			12.5	+0.9	-1.19	-.72	339	6.9	7.0	16.35	7.6
PROBE 2 (mid)				2.3				-[illegible]	-.03		
PROBE 3 (bottom)				15.8	.95	-.20	104	32.8	7.29	16.35	10.0

777 12.5 cable still

INTERROGATION TIME (last "good" readings at 0930) (1145)

TIME METERS OUT OF WATER: Probe 1 @0950 Probe 2 @ 1015 Probe 3 @ 1120

TIME OLD CASSETTE REMOVED

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE CORRECT INFORMATI

ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET (1200)

TIME ALL METERS SUBMERGED: Probe 3 1105 Probe 2 1120 Probe 1 1135

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):

REMARKS (problems with equipment, etc.): - ID on middle meter bumping around, conductivity bad. Old ID=.1 all normal visit → new ID=1.4

[illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 7 May

STATION: Fort Chicago

INSTRUMENT PACKAGES INVOLVED: mid meter

DATE OF CHANGE: 7 May

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

meter change - mid old ID = .1 #6271008

at @ 1020 (new ID = 14 #6271010

last "good" reading (color meters out of water)

at 0930

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 Sept. 79

STATION: 2, Carquinez

INSTRUMENT PACKAGES INVOLVED: mid-meter

DATE OF CHANGE: 17 May 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

old meter: ID = 1.2 #13

new meter: ID = 0.1 #3

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) San Pablo * STATION NUMBER * 1

CALIFORNIA
CALENDER DATE: MONTH (spell out) June * DAY 8 * YEAR 1979 *

CALIFORNIA ARRIVAL TIME 0900

DEPARTURE TIME 1215

(leave blank)

RECORDER'S SIGNATURE P. Carpenter

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [ ] 4) Battery Change [ ]
5) Damage Repair [ ] 6) Other Replace probe 2

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)		3		0 6	-1 3	-0.8	218	0 6	29 83	18 75	62
PROBE 2 (mid)				1.2	+007	-1.04	150	20.22 d+h	32.02	18 06	59
PROBE 3 (bottom)				1 0	-.07	-.8	188	29 16	32 14	18 5	59 0

INTERROGATION TIME 1145

TIME METERS OUT OF WATER: Probe 1 0920 Probe 2 0925 Probe 3 0935

TIME OLD CASSETTE REMOVED NOT Applic:

OLD CASSETTE LABEL:* C E [ ][ ] . [ ] ← write A or B

↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? [ ] DID YOU WRITE THE ~~CORRECT~~ INFORMATIC ON BOTH TAPE CASSETTES? * [ ] DID YOU CLOSE THE LATCH? [ ]

TIME RECORDER RESET 1100

TIME ALL METERS SUBMERGED: Probe 3 1040 Probe 2 1055 Probe 1 1115

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month): up 1130 down 1158
1100 8 June 79

REMARKS (problems with equipment, etc.): ~~Sta~~ recorder off at 0915 recorder on 1100 - first usable record at ~~1130~~ 1200 hrs. meter change - mid from 13 to 18 (ID. 1.2)

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 8 June 79

STATION: San Pablo (#1)

INSTRUMENT PACKAGES INVOLVED: current meter (old) # 13

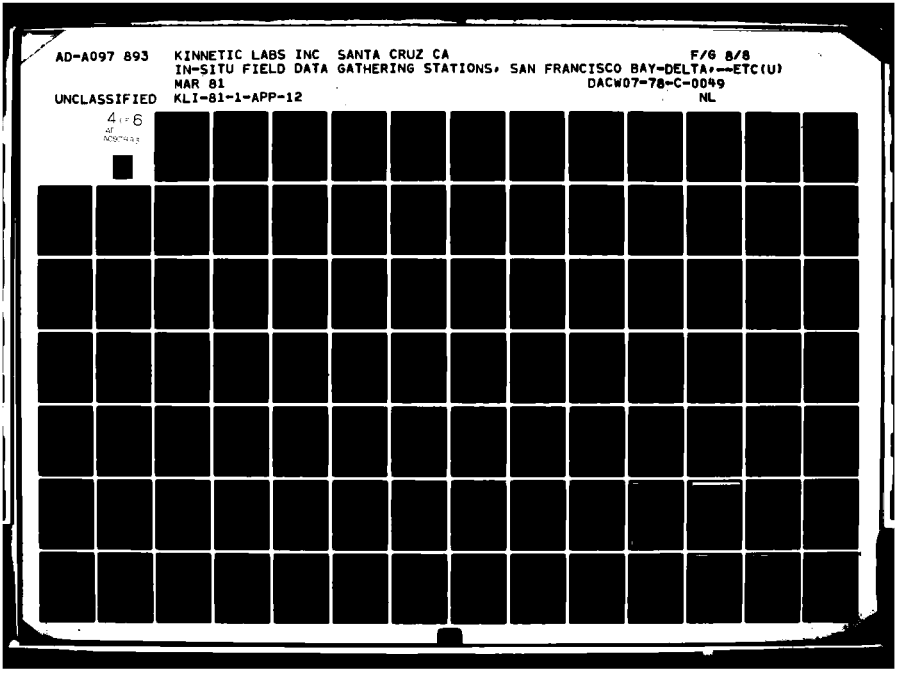
" " (new) # 18 (ID 1.2

DATE OF CHANGE: 8 June 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

bulkhead connector on probe system has pin broken - Cable is OK.

AD-A097 893 KINNETIC LABS INC SANTA CRUZ CA F/G 8/8
IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA,--ETC(U)
MAR 81 DACW07-78-C-0049
UNCLASSIFIED KLI-81-1-APP-12 NL



CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: June 79

STATION: Chicago

INSTRUMENT PACKAGES INVOLVED: Recorder changed from 6330226 to 6330227

DATE OF CHANGE: 14 June 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

old Recorder craps out after couple days - will not advance tape - batteries are OK! -

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: June 7-9

STATION: Chicago

INSTRUMENT PACKAGES INVOLVED: Recorder changed from 6330226 to 6330227

DATE OF CHANGE: 14 June 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

old Recorder craps out after couple days - will not advance tape - batteries are OK! -

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 JULY 1979, Monday

STATION: NO. 4 – PORT CHICAGO BEACON 19

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 2 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

P. Carpenter climbed into tower and changed data cassette. His comments are as follows.

Old cassette taken out @ 0905
Recorder not touched (!)
First record on new tape should be at 0930.
This cassette is known as
(c 0407).a1

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

DATA LOGGER CHECK SHEET

STATION (spell out) Chipps Is * STATION NUMBER * 05

CALIFORNIA
CALENDAR DATE: MONTH (spell out) July * DAY 2 * YEAR 79 *

CALIFORNIA ARRIVAL TIME ~~1000~~ 0958

DEPARTURE TIME

(leave blank)

RECORDER'S SIGNATURE PC

TASKS ACCOMPLISHED ON THIS STATION VISIT

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☑ 6) Other Dust Change

INTERROGATION VALUES

	ZERO	+BATT	-BATT	+ID	V_x	V_y	DIR	-ID/DEPTH	C	T	Tr
PROBE 1 (top)											
PROBE 2 (mid)											
PROBE 3 (bottom)											

INTERROGATION TIME

TIME METERS OUT OF WATER: Probe 1 Probe 2 Probe 3

TIME OLD CASSETTE REMOVED Turned off 1010

OLD CASSETTE LABEL:* C E [ ] [ ] . [ ] ← write A or B
↑Station Number (2 digits) ↑ Start Month (2 digits)

IS NEW TAPE IN CORRECTLY? ☑ DID YOU WRITE THE CORRECT INFORMATION ON BOTH TAPE CASSETTES? * ☑ DID YOU CLOSE THE LATCH? ☑

TIME RECORDER RESET 1200 July 2 79

TIME ALL METERS SUBMERGED: Probe 3 1205 Probe 2 1215 Probe 1 1228

IF YOU HAVE SEEN THE TAPE ADVANCE, PLEASE NOTE TIME AND DATE (spell month):
1000, 1200 July 2 79 1st usable record 1230

REMARKS (problems with equipment, etc.):
2 probe hooked to cable # 1 & Vice Versa
1 probe came up flooded - broken current probe shaft
(# 12, ID 1.7 Changed to # 13, code 0.8

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 JULY 1979

STATION: CHIPPS ISLAND STATION 5

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 2 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

REMOVE CASSETTE

0930 - LAST DATA RECORD ON TAPE

-ve I.D.
Temp -
Turbidity
Conductivity
} ALL WRONG -

1045 - First Sensor up - Current Probe fell out instrument back of H2O

Recorder Turned off @ 1010 - Change Batteries -

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 JULY 1979

STATION: CHIPPS ISLAND: NUMBER 5

INSTRUMENT PACKAGES INVOLVED: PROBE 3

DATE OF CHANGE: 18 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probe 3 was removed. A probe which had been in use at San Pablo was substituted.

The old probe is serial number 6271 019 (ID: 0.9)

The new probe (from San Pablo at mid-depth) is serial number 6271 018 (ID: 1.2)

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 JULY 1979

STATION: SAN PABLO : NUMBER 1

INSTRUMENT PACKAGES INVOLVED: PROBE 2

DATE OF CHANGE: 17 JULY 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probe 2 was exchanged. This probe was moved to Chipps on 18 JULY to go on the bottom there (since it had a pressure sensor). The old San Pablo probe and the new Chipps probe is serial number 6271018 (I.D.: 1.2).

The new probe 2, here at San Pablo is serial number 6271012 (I.D.: 1.7 VOLT).

There was no interruption to the data stream. Tape was changed during a regular monthly service.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 19 JULY 1979

STATION: PORT CHICAGO, NUMBER 4

INSTRUMENT PACKAGES INVOLVED: DATA RECORDER

DATE OF CHANGE: 13 July 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Change Recorder. New recorder is serial number 6330226.

Records prior to this are (probably) not good.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 AUGUST, 1979

STATION: PORT CHICAGO #4

INSTRUMENT PACKAGES INVOLVED: 1 AND 3

DATE OF CHANGE: ABOVE

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Probes 1 and 3 at Port Chicago were found to have broken seals at the current sensor. These are removed from record sent at 2030.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 23 AUGUST 1979

STATION: 4, PORT CHICAGO

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 23 AUGUST 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Bottom probe here was installed.
The serial number probably is 6271019 (ID=0.9)*

The first record from this meter was taken at 1930 (next time).

There is still no Top meter here.

There was no bottom meter up to the time this one was installed.

* This could be wrong. Double check I.D. value.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 20 Sept 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: Meter

DATE OF CHANGE: 20 Sept 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Power interrupted to recorder @ 1200 – Wire came Unattached from battery while batteries being removed from case

Top meter added (has depth sensor)

Recorder ~~was~~ reset at 1230 but clip came off battery again after 1st cycle of readings. Recorder turned off

Recorder and 1st reading at 1300 Reset + 1st reading

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: Sept. 20, 1979

STATION: #5 - Chipps Is

INSTRUMENT PACKAGES INVOLVED: Recorder + battery change

DATE OF CHANGE: Sept. 20, 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Recorder failed to advance for 0930 reading
At 0938 I pushed load fwd. Recorder heated, clicked, and began to take up tape. After load fwd released, recorder began to cycle through its readings. Allowed cycle to complete then turned off recorder and replaced it and batteries w/ a fresh set.

Voltage on old batteries: +9 V.

Initial reading at 1000 hrs PDT. with new recorder and old tape.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: San Pablo

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last reading @ 10:30. Power off ~ 10:40

Removed all 3 meters, recorder box and batteries for refitting, cleaning, antifouling paint, and recalibration. Left cables tied off to piling. Tape left in recorder

CORPS OF ENGINEERS PROJECT DACW07-78-00[illegible]

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: Carquinez Straits

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record @ 1230 PM. Power down = 1245
Removed all 3 meters, recorder box and batteries. Left
Cables attached to wooden railings. Tape left in recorder

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 3 Oct 1979

STATION: Benicia

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 3 Oct 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record at 1200 P.D.T.

Removed all 3 current meters, records and batteries for repair + recalibration

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record @ 2:30 PM Power down ~ 2:50

Removed all 3 meters, recorder box, and batteries for cleaning, retrofitting, and recalibration. Left all cables tied up to piling. Took left in recorder

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 Oct 1979

STATION: Chipps Island

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 2 Oct.

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record 4:00 P.M., Power off ~ 4:15. Removed all 3 meters, recorder unit and batteries for cleaning, replacement of parts, and recalibration. Tape left in recorder.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 3 Oct 1979

STATION: Grizzley

INSTRUMENT PACKAGES INVOLVED: All

DATE OF CHANGE: 3 Oct

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last record @ 1030 P.D.T.

Removed meter, recorder unit and batteries for servicing meter very heavily fouled w/ several layers of barnacles and a fair coat of hydroids

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: San Pablo

INSTRUMENT PACKAGES INVOLVED: installed meters 9

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to data acquisition mode
at 1900. after meter overhauls & calibrations

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1978

STATION: Carquinez Straights

INSTRUMENT PACKAGES INVOLVED: INSTALLED METERS

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to data acquisition mode
After Meter over Hauls & recalibrations
up at 1700.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Benicia Bridge

INSTRUMENT PACKAGES INVOLVED: INSTALLED METERS

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to DATA ACQUISITION MODE After METER overhaul & recalibration.

UP AT 1300

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED: METER INSTALLATION

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned station to DATA ACQUISITION MODE After METER overhaul & recalibration

Up AT 1530

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Chipps Island

INSTRUMENT PACKAGES INVOLVED: RETER INSTALL

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Returned STATION TO DATA ACQUISITION MODE After RETER overhaul & Recalibration up AT 1030

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 2 November 1979

STATION: Grizzley Bay

INSTRUMENT PACKAGES INVOLVED: INSTALL METER #1C

DATE OF CHANGE: 2/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Attempted & Failed to return station to data ACQUISITION MODE ie. bad Sensor cable to METER.

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 November 79

STATION: SAN PABLO

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 6 November 79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Change batteries [one Low val -9.5v]

Arrive 0915

Clock recording: at PST

OLD BATTERY CHECK — -10.8
+12.0

NEW — +12.6
-12.8

Down at 0915
Up at 0950

MASTER CLOCK - 9.47
REAL TIME - 0925
RECORDER CLOCK - 9.36
- 0930

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 November 1979

STATION: Carquinez straights

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 6 November 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Replaced low batteries
+11.5V } - 11.0V

PMT — Cvalues
10:30 — ~~MC-9.57~~ RC 9.57

OLD BATTERIES - 11.7
+11.3

New batteries: + 12.6
- 12.6

Down at 1010
up at 1030

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 6 November 1979

STATION: Grizzley Bay

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 6/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Replaced cable & returned station to data acquisition mode after meter overhaul & recalibration.

PST	check values
12:20	MC 9.79
	RC 9.50

New Batterys +12.9 ✓
−12.4 ✓

+ I.D. = 1.3
− I.D. = 1.3
C = +10.7
T = +15.9
TR = +20.9

UP AT: 1230

TEMP. 16.25°C
Salinity # 139

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 27 November 1979

STATION: Port Chicago

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 27-28/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

CHANGE METER #20 (Bottom) for #19 (new bottom)
& repair STAND off. - recorder off 1330 27-Nov 79

START 1530 on 28 November 1979

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 27 November 1979

STATION: Chipps Island #5

INSTRUMENT PACKAGES INVOLVED:

DATE OF CHANGE: 27/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Raised METERS For case-chassis check

~~Stop at 800~~ Last record 1000

New start 1230

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 28 November 1979

STATION: Grizzley Bay #C

INSTRUMENT PACKAGES INVOLVED: 20 ~~CHAR~~ Reset RC (clock) to TC

DATE OF CHANGE: 28/11/79

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

Last reading 1600

New reading 1700

CORPS OF ENGINEERS PROJECT DACW07-78-0049

SAN PABLO BAY - CHIPPS ISLAND

NOTICE OF INSTRUMENT CHANGE OR DATA INTERRUPT

DATE: 4 December 1979

STATION San Pablo

INSTRUMENT PACKAGES INVOLVED: repair ~~[illegible]~~ Probe #2 [T+]

DATE OF CHANGE: 4 December 1979

NATURE OF CHANGE OR DATA INTERRUPT (INCLUDE ALL TIMES):

rezero TR & Replace cord on BEAM TRANSMISSOMETER.
Down at 1140
up at 1530

replace guns on probes #1-3.

Ground Truth Data Sheets

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo - #9 STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 8 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1235

DEPARTURE TIME: 1250

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : Meter Installation

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 210° (taken between 2 risp plates)

TIME: 1237 EBB OR FLOOD?: begin of Ebb

FLOW METER READINGS (start): 900000 (end): 92987

FLOW METER TIMES (in water): 1239 - 0 sec (out of water): 1234 - 0 sec

(leave blank)

COMMENTS ON CURRENT: barely moving

BUCKET TEMPERATURE °C: NO THERMOMETER

SALINITY BOTTLE NUMBER: NOT ALONG

(leave blank)

REMARKS (problems with equipment, etc.):

SCREW UP!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia [#6] STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 9 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1200

DEPARTURE TIME: 1345

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : METER INSTALLATION

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 234

TIME: 1335 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 093000 (end): 093442

FLOW METER TIMES (in water): 1333 (out of water): 1338

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.0°C

SALINITY BOTTLE NUMBER: 69

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzley Bay [Dolphin] STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 9 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1635

DEPARTURE TIME: 1710

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☑ : INSTALL

PHYSICAL DATA: METER

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 220° MAGNETIC

TIME: 1655 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): ~~09479~~ No Flow METER (end):

FLOW METER TIMES (in water): ~~1655~~ (out of water):

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12°C SURFACE

SALINITY BOTTLE NUMBER: 54

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez Straights [dock] STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 14 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1600

DEPARTURE TIME: 1740

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☐
3) Tape Change	☐	4) Battery Change	☐
5) Damage Repair	☐	6) Other [✓]:	

PHYSICAL DATA: Install METERS

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 265° Mag

TIME: 1715 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 000000 (end) 004213

FLOW METER TIMES (in water): 1716 (out of water): 1721

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.8°C

SALINITY BOTTLE NUMBER: 10

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): ~~Pt~~ Chicago [= 19] STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): ~~October~~ DAY 14 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1340

DEPARTURE TIME: 1415

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☐
3) Tape Change	☐	4) Battery Change	☐
5) Damage Repair	☐	6) Other ☑ : METER installation	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 85° Mag

TIME: 1345 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 000000 (end): 028332

FLOW METER TIMES (in water): 1345 (out of water): 1350

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.7°C

SALINITY BOTTLE NUMBER: 65

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island [E27] STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 14 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1200

DEPARTURE TIME: 1315

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : METER Installation

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 105°Mg

TIME: 1300 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 093300 (end): 101540

FLOW METER TIMES (in water): 1310 (out of water): 1315

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.3

SALINITY BOTTLE NUMBER: 123

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo [#9] STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 15 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1100

DEPARTURE TIME: 1145

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☑ 6) Other ☐ : _____

HYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 260° Mag

TIME: 1130 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 0 (end): 1664

FLOW METER TIMES (in water): 1130 (out of water): 1135

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: 11°C

SALINITY BOTTLE NUMBER: 62

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 28 YEAR 1978

(leave blank)

CALIFORNIA ARRIVAL TIME: 0925

DEPARTURE TIME: 0950

RECORDER'S SIGNATURE: R. M. Porter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

YSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 0950 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): TOO ROUGH (out of water): _____

(leave blank)

COMMENTS ON CURRENT: nearly slack - ebb ~ 1/4 kt.

BUCKET TEMPERATURE °C: broken thermo !

SALINITY BOTTLE NUMBER: 123

(leave blank)

REMARKS (problems with equipment, etc.): Pipe bobbing cables loose from pole again
Very windy & Rough !

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez Strait STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 28 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1020

DEPARTURE TIME: 1050

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA: Buoy check

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 90°

TIME: 1035 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 0 (end): 387

FLOW METER TIMES (in water): 1033 (out of water): 1038

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: Bucket thermometer

SALINITY BOTTLE NUMBER: 137

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-76-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia [#6] STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 28 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1110

DEPARTURE TIME: 1135

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

HYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 30°

TIME: 1115 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 0 (end): 4028

FLOW METER TIMES (in water): 1115 (out of water): 1120

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: Broken thermometer

SALINITY BOTTLE NUMBER: 128

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago [19c] STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 28 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1155

DEPARTURE TIME: 1210

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 90°

TIME: 1200 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 0 (end): 721

FLOW METER TIMES (in water): 1200 (out of water): 1205

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: Bucket thermometer

SALINITY BOTTLE NUMBER: 66

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island [*27] STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 28 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1228

DEPARTURE TIME: 1250

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 135°

TIME: 1229 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 0 (end): 5290

FLOW METER TIMES (in water): 1230 (out of water): 1235

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: Broken thermometer

SALINITY BOTTLE NUMBER: No number, but "A"

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzley Bay [dolphin] STATION NO.: #6 (error 37 2nd)

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 28 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1323

DEPARTURE TIME:

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☐
3) Tape Change	☑	4) Battery Change	☐
5) Damage Repair	☐	6) Other ☐ :	

HYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): N/A

TIME: 1324 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): N/A (end):

FLOW METER TIMES (in water): N/A (out of water):

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: Broken thermometer

~~SALINITY~~ BOTTLE NUMBER: O2 bottle #26

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo [#9] STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 19 YEAR '79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1230

DEPARTURE TIME:

RECORDER'S SIGNATURE: Stephen Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection [✓] 2) Instrument Check [✓]
3) Tape Change [✓] 4) Battery Change [✓]
5) Damage Repair [ ] 6) Other [ ] :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): N/A

TIME: 1435 EBB OR FLOOD?:

FLOW METER READINGS (start): N/A (end):

FLOW METER TIMES (in water): N/A (out of water):

(leave blank)

COMMENTS ON CURRENT: Slack

BUCKET TEMPERATURE °C: 14.1°C

SALINITY BOTTLE NUMBER: 55

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 19 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1600

DEPARTURE TIME: 1915

RECORDER'S SIGNATURE: B. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☑ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☑ (corrosion) 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 1800 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: very slight ebb at interog. time

BUCKET TEMPERATURE °C: —

SALINITY BOTTLE NUMBER: 64

(leave blank)

REMARKS (problems with equipment, etc.):

see Data Logger ck. sheets

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia [6] STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 20 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 0840

DEPARTURE TIME: 0925

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection	☑	2) Instrument Check	☑
3) Tape Change	☑	4) Battery Change	☑
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 220° Ships, COSTP

TIME: 0916 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 0 (end): 8326

FLOW METER TIMES (in water): 0916 (out of water): 0921

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 13.3

SALINITY BOTTLE NUMBER: #82

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 04

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 20 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 0950

DEPARTURE TIME: 1035

RECORDER'S SIGNATURE: RBFelder

PURPOSE OF STATION VISIT:

1) Visual Inspection	[ ]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [X] : recorder change	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 250 Ships compass

TIME: 10:00 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 00000 (end): 20,844

FLOW METER TIMES (in water): [illegible] (out of water): 1005

(leave blank)

COMMENTS ON CURRENT: moderate ebb

BUCKET TEMPERATURE °C: 14.4°C

SALINITY BOTTLE NUMBER: 67

(leave blank)

REMARKS (problems with equipment, etc.): New recorder installed

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island #2? STATION NO.: 05

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 20 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 10:50 PDT

DEPARTURE TIME: 11:30

RECORDER'S SIGNATURE: RBFelder

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 265 Ship's Compass

TIME: 11:15 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 0000 (end): 9890

FLOW METER TIMES (in water): 1100 (out of water): 1105

(leave blank)

COMMENTS ON CURRENT: Moderate ebb

BUCKET TEMPERATURE °C: 14.5°

SALINITY BOTTLE NUMBER: 96

(leave blank)

REMARKS (problems with equipment, etc.): Batteries dead on arrival
top meter half out of water
Sensors only slightly submerged

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzley Bay (Adpt.) STATION NO.: 06

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 20 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1235

DEPARTURE TIME: _____

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	[ ]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] : _____	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: _____ EBB OR FLOOD?: _____

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: —

BUCKET TEMPERATURE °C: 16.5

SALINITY BOTTLE NUMBER: 52

(leave blank)

REMARKS (problems with equipment, etc.):

...S OF ...GINEERS PROJECT DACW07-...-C-0049
...N PABLO - CHIPS ISLAND
...OUND TRUTH DATA SHEET

STATION(spell out): ... STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH(spell out): April DAY 4 YEAR 19...

(leave blank)

CALIFORNIA ARRIVAL TIME: 0900

DEPARTURE TIME: 0940

RECORDER'S SIGNATURE: ...

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] : ...

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 232°

TIME: 0918 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 001515 (end): 002357

FLOW METER TIMES (in water): 0918 (out of water): 0936

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °F:

SALINITY BOTTLE NUMBER: 4

(leave blank)

REMARKS (problems with equipment, etc.):

STATION (spell out): [illegible] STATION NO.: 4 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 9 YEAR 1975

(leave blank)

CALIFORNIA ARRIVAL TIME: 1015

DEPARTURE TIME: 1040

RECORDER'S SIGNATURE: Mary L. Stevens

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[ ]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 272

TIME: 1033 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 29358 (end): 45032

FLOW METER TIMES (in water): 1029:30 (out of water): 1037:00

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 15°C

SALINITY BOTTLE NUMBER: 5

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT [illegible]
[illegible]
[illegible] DATA SHEET

STATION (spell out): [illegible] STATION NO.: [illegible]

CALIFORNIA
CALENDAR DATE: MONTH (spell out): [illegible] DAY 4 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1105

DEPARTURE TIME:

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 220

TIME: 1112 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 45030 (end): 72859

FLOW METER TIMES (in water): [illegible] (out of water): 1123:30

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16

SALINITY BOTTLE NUMBER: 53

(leave blank)

REMARKS (problems with equipment, etc.):

STATION (spell out): Point Chicago (#19) STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 4 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1205

DEPARTURE TIME: 1240

RECORDER'S SIGNATURE: Ron McDonald

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[ ]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 258

TIME: 1215 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 72860 (end): 104531

FLOW METER TIMES (in water): 1210 (out of water): 1226

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 15.7

SALINITY BOTTLE NUMBER: 85

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island (R27) STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 4 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1255

DEPARTURE TIME: 1315

RECORDER'S SIGNATURE: Rhys M. Donald

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[ ]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 268

TIME: 1300 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 104530 (end): 131446

FLOW METER TIMES (in water): 1300 (out of water): 1314

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 15.0

SALINITY BOTTLE NUMBER: 57

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-[illegible]-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzley Bay STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 4 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1345

DEPARTURE TIME:

RECORDER'S SIGNATURE: Rhp McDonald

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: EBB OR FLOOD?:

FLOW METER READINGS (start): NA (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: —

BUCKET TEMPERATURE °C: 18°C (surface)

SALINITY BOTTLE NUMBER: 84

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT [illegible]
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 19 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0945

DEPARTURE TIME: 1320

RECORDER'S SIGNATURE: Julia Glasgow

PURPOSE OF STATION VISIT

1) Visual Inspection	[X]	2) Instrument Check	[ ]
3) Tape Change	[X]	4) Battery Change	[ ]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic,): 225°

TIME: 1255 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 132660 (end): 151596

FLOW METER TIMES (in water): 1248 (out of water): 1254

(leave blank)

COMMENTS ON CURRENT: Strong Flood

BUCKET TEMPERATURE °C: 15.5°

SALINITY BOTTLE NUMBER: 36

(leave blank)

REMARKS (problems with equipment, etc.):

...S OF ...INEERS PROJECT DATA SHEET
SAN PABLO - RACE ISLAND
...ROUND TRUTH DATA SHEET

STATION (spell out): Carquinez Straits STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 19 YEAR 1977

(leave blank)

CALIFORNIA ARRIVAL TIME: 1430

DEPARTURE TIME: 1800

RECORDER'S SIGNATURE: Gillian Fraser

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[X]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 265

TIME: 1537 EBB OR FLOOD?: end of ebb

FLOW METER READINGS (start): n/a (not turning) (end): (-133)

FLOW METER TIMES (in water): _____ (out of water): _____

(leave blank)

COMMENTS ON CURRENT: Floating by observation time

BUCKET TEMPERATURE °C: 15.5°

SALINITY BOTTLE NUMBER: 29

(leave blank)

REMARKS (problems with equipment, etc.):

Station Sheet

(CORPS OF ENGINEERS PROJECT MONITORING
SAN FRANCISCO BAY REGION
FIELD DATA SHEET

STATION (spell out): Bodega Harbor STATION NO.: #3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 20 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 0850

DEPARTURE TIME:

RECORDER'S SIGNATURE: Martyl L Hermann

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [X] : Dive to attach rope around piling to anchor-prevent swaying	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 215

TIME: 10:45 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 150,000 (end): 159,520

FLOW METER TIMES (in water): 1045 (out of water): 1050

(leave blank)

COMMENTS ON CURRENT: Light ebb

BUCKET TEMPERATURE °C: 15.5°C

SALINITY BOTTLE NUMBER: 38

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT [illegible]
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): [illegible] STATION NO.: [illegible]

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY [illegible] YEAR [illegible]

(leave blank)

CALIFORNIA ARRIVAL TIME: 1440

DEPARTURE TIME: 1805

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	☒	2) Instrument Check	☐
3) Tape Change	☒	4) Battery Change	☐
5) Damage Repair	☒	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): Slack

TIME: 1750 EBB OR FLOOD?: Slight flood

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: Slack, slight flood

BUCKET TEMPERATURE °C: 15.9

SALINITY BOTTLE NUMBER: 37

(leave blank)

REMARKS (problems with equipment, etc.):

STATION (spell out): Chappo Island (22) STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 20 YEAR 71

(leave blank)

CALIFORNIA ARRIVAL TIME: 1215

DEPARTURE TIME: 1415

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[✓]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 258°

TIME: 1310 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 160000 (end): 170362

FLOW METER TIMES (in water): 1310 (out of water): 1315

(leave blank)

COMMENTS ON CURRENT: Moderate ebb

BUCKET TEMPERATURE °C: 15.8°C

SALINITY BOTTLE NUMBER: 22 [illegible]

(leave blank)

REMARKS (problems with equipment, etc.): Refractometer, Salinity-turbidity cable to not working

STATION (spell out): _____ STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 29 YEAR 19__

(leave blank)

CALIFORNIA ARRIVAL TIME: 1930

DEPARTURE TIME: 1905

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA: _____

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: _____ EBB OR FLOOD?: _____

FLOW METER READINGS (start): _____ (end): _____

FLOW METER TIMES (in water): _____ (out of water): _____

(leave blank)

COMMENTS ON CURRENT: /

BUCKET TEMPERATURE °C: 15.5°C

SALINITY BOTTLE NUMBER: 35

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chipps Is. STATION NO.: 05

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 02 YEAR 78

(leave blank)

CALIFORNIA ARRIVAL TIME: 1320

DEPARTURE TIME: 1342

RECORDER'S SIGNATURE: S. Pace

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270

TIME: 1340 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 210000 (end): 218578

FLOW METER TIMES (in water): 1337 (out of water): 1341

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: 17.2 °C

SALINITY BOTTLE NUMBER: _____

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 04

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 2 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1210

DEPARTURE TIME: 1305

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☒
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 215

TIME: 1225 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 199000 (end): 209789

FLOW METER TIMES (in water): 1230 (out of water): 1235

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 17.0°C

SALINITY BOTTLE NUMBER:

(leave blank)

REMARKS (problems with equipment, etc.):

[illegible] OF [illegible] [illegible]
SAN FRANCISCO BAY AND
[illegible] DATA SHEET

STATION (spell out): Patricia Martinez STATION NO.: 03

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 02 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1110

DEPARTURE TIME: 1137

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☒
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 225

TIME: 1125 EBB OR FLOOD?: Ebb > 3FPS

FLOW METER READINGS (start): 190500 (end): 199406

FLOW METER TIMES (in water): 11:21:00 (out of water): 11:26:00

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16.8

SALINITY BOTTLE NUMBER:

(leave blank)

REMARKS (problems with equipment, etc.):
Tide Gage 0.0' MLLW

CORPS OF ENGINEERS PROJECT [illegible]

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez Strait STATION NO.: 02

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 02 YEAR 77

(leave blank)

CALIFORNIA ARRIVAL TIME: 1010

DEPARTURE TIME: 1035

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270

TIME: 10:20:00 EBB OR FLOOD?: Ebb ≅ 3 Fps

FLOW METER READINGS (start): 183500 (end): 190551

FLOW METER TIMES (in water): 10 20:00 (out of water): 1025

(leave blank)

COMMENTS ON CURRENT: Moderate ebb

BUCKET TEMPERATURE °C: 16.0

SALINITY BOTTLE NUMBER: —

(leave blank)

REMARKS problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-[illegible]

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 01

CALIFORNIA
CALENDAR DATE: MONTH (spell out): [illegible] DAY 02 YEAR 87

(leave blank)

CALIFORNIA ARRIVAL TIME: 0915

DEPARTURE TIME: [illegible]

RECORDER'S SIGNATURE: [illegible]

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[ ]
3) Tape Change	[X]	4) Battery Change	[ ]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): --

TIME: 0930 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): NA (end): NA

FLOW METER TIMES (in water): (out of water):

(leave blank)

COMMENTS ON CURRENT: Light Ebb

BUCKET TEMPERATURE °C: 11.0°

SALINITY BOTTLE NUMBER: NA

(leave blank)

REMARKS (problems with equipment, etc.): NONE

Didn't find this until we left station on [illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C 0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION(spell out): San Pablo STATION NO.: 01

CALIFORNIA
CALENDAR DATE: MONTH(spell out): May DAY 18 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0735

DEPARTURE TIME: 0945

RECORDER'S SIGNATURE: RBillers

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [X] :	Cleaned, Changed Zincs

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~~120~~ 120

TIME: 0810 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 230.000 (end): 241055

FLOW METER TIMES (in water): 0810:00 (out of water): 0825:0

(leave blank)

COMMENTS ON CURRENT: Slight ebb

BUCKET TEMPERATURE °C: 17.2

SALINITY BOTTLE NUMBER: 44

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzley Bay STATION NO.: 06

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1915

DEPARTURE TIME: 1935

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☐
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): NA

TIME: 1915 EBB OR FLOOD?: NA

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: Nap

BUCKET TEMPERATURE °C: 19.8

SALINITY BOTTLE NUMBER: 417

(leave blank)

REMARKS (problems with equipment, etc.): Too much wind + surf!

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chipps Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1820

DEPARTURE TIME: 1845

RECORDER'S SIGNATURE: R Gibbons

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA: _____

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: 1830 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 230,000 (end): 236,106

FLOW METER TIMES (in water): 1825 30 (out of water): 1830 30

(leave blank)

COMMENTS ON CURRENT: Moderate flood

BUCKET TEMPERATURE °C: 21° C

SALINITY BOTTLE NUMBER: 48

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 04

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1605

DEPARTURE TIME: 1815

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): Slack

TIME: 1610 EBB OR FLOOD?: Slack

FLOW METER READINGS (start): 229,000 (end): 229,469

FLOW METER TIMES (in water): 1610 (out of water): 1615

(leave blank)

COMMENTS ON CURRENT: Slack

BUCKET TEMPERATURE °C: 19.5°C

SALINITY BOTTLE NUMBER: 39

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia STATION NO.: 03

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1430

DEPARTURE TIME: 1515

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 235

TIME: 1440 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 225000 (end): 229150

FLOW METER TIMES (in water): 1440 (out of water): 1445

(leave blank)

COMMENTS ON CURRENT: Light ebb

BUCKET TEMPERATURE °C: 19.2

SALINITY BOTTLE NUMBER: 41

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PA[illegible] - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: 02

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 17 YEAR 78

(leave blank)

CALIFORNIA ARRIVAL TIME: 0900

DEPARTURE TIME: 1315

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[
3) Tape Change	[X]	4) Battery Change	[
5) Damage Repair	[X]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 265

TIME: 1300.00 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 220000 (end): 228960

FLOW METER TIMES (in water): 1300 co (out of water): 1305

(leave blank)

COMMENTS ON CURRENT: Strong ebb

BUCKET TEMPERATURE °C: 18.4°C

SALINITY BOTTLE NUMBER: 43

(leave blank)

REMARKS (problems with equipment, etc.): replaced missing cable ties again. Cable had corroded through

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Central Bay (Delta) STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 02 YEAR 78

(leave blank)

CALIFORNIA ARRIVAL TIME: 1413

DEPARTURE TIME: 1432

RECORDER'S SIGNATURE: S. Pla...

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☑
3) Tape Change	☑	4) Battery Change	☑
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 1419 EBB OR FLOOD?: No current

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: None measurable

BUCKET TEMPERATURE °C: 18.5°C

SALINITY BOTTLE NUMBER:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 31 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0905

DEPARTURE TIME: 0945

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☒
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~218

TIME: 0915 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 242851 (end): 257281

FLOW METER TIMES (in water): 0916 - 0 (out of water): 0921-0

(leave blank)

COMMENTS ON CURRENT: moderate

BUCKET TEMPERATURE °C: 20.2°

SALINITY BOTTLE NUMBER: 65

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 21 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1023

DEPARTURE TIME: 1050

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 276°M

TIME: 1040 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 235110 (end): 235134

FLOW METER TIMES (in water): 1035-0 (out of water): 1045-0

(leave blank)

COMMENTS ON CURRENT: Strong ebb

BUCKET TEMPERATURE °C: 19.4

SALINITY BOTTLE NUMBER: 66

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 31 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1115

DEPARTURE TIME: 1140

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 224°

TIME: 1125 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 255130 (end): 268816

FLOW METER TIMES (in water): 1117-30 (out of water): 1122-30

(leave blank)

COMMENTS ON CURRENT: fairly strong ebb

BUCKET TEMPERATURE °C: 20.0 °C

SALINITY BOTTLE NUMBER: 62

(leave blank)

REMARKS (problems with equipment, etc.):

all OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 31 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1205

DEPARTURE TIME: 1320

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 272

TIME: 1215 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 268816 (end): 281805

FLOW METER TIMES (in water): 1210-30 (out of water): 1215-30

(leave blank)

COMMENTS ON CURRENT: weakening/moderate EBB

BUCKET TEMPERATURE °C: 21.1°

SALINITY BOTTLE NUMBER: 70

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chipps Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 31 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1340

DEPARTURE TIME: 1410

RECORDER'S SIGNATURE: Rhys M Donald

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270°M

TIME: 1350 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 281810 (end): 292042

FLOW METER TIMES (in water): 1350 - 0 (out of water): 1355 - 0

(leave blank)

COMMENTS ON CURRENT: light ebb (near slack)

BUCKET TEMPERATURE °C:

SALINITY BOTTLE NUMBER: 69

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION(spell out): Grizzly Bay STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH(spell out): May DAY 31 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1435

DEPARTURE TIME: 1510

RECORDER'S SIGNATURE: R. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): NA

TIME: EBB OR FLOOD?:

FLOW METER READINGS (start): NA (end):

FLOW METER TIMES (in water): (out of water):

(leave blank)

COMMENTS ON CURRENT: NA

BUCKET TEMPERATURE °C: 22.5°C

SALINITY BOTTLE NUMBER: 128

(leave blank)

REMARKS (problems with equipment, etc.):

OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo Bay **STATION NO.:** 1

CALIFORNIA CALENDAR DATE: MONTH (spell out): June DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0921

DEPARTURE TIME: 1000

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 210

TIME: 0935 **EBB OR FLOOD?:** Ebb 210° M

FLOW METER READINGS (start): 381000 **(end):** 403290

FLOW METER TIMES (in water): 0929 00 **(out of water):** 0938 00

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 18

SALINITY BOTTLE NUMBER: 109

(leave blank)

REMARKS (problems with equipment, etc.):

OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez Strait STATION NO.: 2

CALIFORNIA CALENDAR DATE: MONTH (spell out): June DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1039

DEPARTURE TIME: 1110

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 255

TIME: EBB OR FLOOD?: Ebb 21 Fm:

FLOW METER READINGS (start): 403300 (end): 413436

FLOW METER TIMES (in water): 104100 (out of water): 105100

(leave blank)

COMMENTS ON CURRENT: nearly slack

BUCKET TEMPERATURE °C: 19

SALINITY BOTTLE NUMBER: 44

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): June DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1140

DEPARTURE TIME:

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 195

TIME: 1145 EBB OR FLOOD?: Ebb 2 fps

FLOW METER READINGS (start): 413400 (end): 425380

FLOW METER TIMES (in water): 114500 (out of water): 115320

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 19

SALINITY BOTTLE NUMBER: 61

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 4

CALIFORNIA CALENDAR DATE: MONTH (spell out): June DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: ~~1430~~ 1400

DEPARTURE TIME: 1435

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☑
3) Tape Change	☑	4) Battery Change	☑
5) Damage Repair	☐	6) Other ☐ :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): Slack

TIME: 1404 EBB OR FLOOD?: Slack (Slight Flooding)

FLOW METER READINGS (start): 425425 (end): 426813

FLOW METER TIMES (in water): 1404 (out of water): 1417

(leave blank)

COMMENTS ON CURRENT: Slack

BUCKET TEMPERATURE °C: 21

SALINITY BOTTLE NUMBER: 47

(leave blank)

REMARKS (problems with equipment, etc.):

OK

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): June DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1450

DEPARTURE TIME: 1515

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 120

TIME: 1459 EBB OR FLOOD?: Flood ≈2 kts

FLOW METER READINGS (start): 427000 (end): 436280

FLOW METER TIMES (in water): 1457 (out of water): 1504

(leave blank)

COMMENTS ON CURRENT: flood, strong as leaving

BUCKET TEMPERATURE °C: 21.2

SALINITY BOTTLE NUMBER: 71

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzly Bay STATION NO.: 6

CALIFORNIA CALENDAR DATE: MONTH (spell out): June DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1550

DEPARTURE TIME: 1608

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 40

TIME: 1555 EBB OR FLOOD?: Flood < 1 gps

FLOW METER READINGS (start): NA (end): NA

FLOW METER TIMES (in water): NA (out of water): NA

(leave blank)

COMMENTS ON CURRENT: Slight flood

BUCKET TEMPERATURE °C: 20.4

SALINITY BOTTLE NUMBER: 127

(leave blank)

REMARKS (problems with equipment, etc.):

NA Not Applicable

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 7

CALIFORNIA
CALENDAR DATE: MONTH (spell out): July DAY 17 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1041

DEPARTURE TIME:

RECORDER'S SIGNATURE: Frank Caramelli

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ]: CHANGE PROBE 2

PHYSICAL DATA:

WHAT FLOW THERE IS, IS ABOUT SLACK WATER
DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 10:56 EBB OR FLOOD?: START OF EBB

FLOW METER READINGS (start): 458155 (end): 460391

FLOW METER TIMES (in water): 5 MINS. (out of water): 11:01

(leave blank)

COMMENTS ON CURRENT: SLACK WATER but beginning of ebb

BUCKET TEMPERATURE °C: 19.75

SALINITY BOTTLE NUMBER: 114A

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CARQUINEZ STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): July DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1602

DEPARTURE TIME: 1945

RECORDER'S SIGNATURE: C. Nichols

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): COMMS NOT TAKEN BUT FLOW ACROSS PIER (SEE CHART)

TIME: 1614 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 460400 (end): 465292

FLOW METER TIMES (in water): 1615 (out of water): 1620

(leave blank)

COMMENTS ON CURRENT: fairly mild ebb

BUCKET TEMPERATURE °C: 21.5°

SALINITY BOTTLE NUMBER: 116 A

(leave blank)

REMARKS (problems with equipment, etc.):
Slack water @ 1705
We have on a mild flood

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benecia STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JULY DAY 13 YEAR 79
typo!

(leave blank)

CALIFORNIA ARRIVAL TIME: 1009

DEPARTURE TIME:

RECORDER'S SIGNATURE: Conrad Nichols

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] : TAKE OUT TWIST	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 210

TIME: 1015 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 436378 (end): 447587

FLOW METER TIMES (in water): 1017 (out of water): 1022

(leave blank)

COMMENTS ON CURRENT: Strong ebb

BUCKET TEMPERATURE °C: Thermometer just broken

SALINITY BOTTLE NUMBER: 117 A

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): July DAY 13 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1613

DEPARTURE TIME:

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] : RECORDER CHANGE

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 88°

TIME: EBB OR FLOOD?: F

FLOW METER READINGS (start): 447614 (end): 014865

FLOW METER TIMES (in water): 1620 / 0902 (out of water): 1625 / 0907

(leave blank)

COMMENTS ON CURRENT: Flood

BUCKET TEMPERATURE °C: broken (sorry)

SALINITY BOTTLE NUMBER: 112 A

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CHIPPS ISLAND STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): July 18 DAY 18 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0930

DEPARTURE TIME: 1331

RECORDER'S SIGNATURE: C. Rubink

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 80°

TIME: 1000 EBB OR FLOOD?: flood

FLOW METER READINGS (start): 465690 (end): 477633

FLOW METER TIMES (in water): 1002 (out of water): 1007

(leave blank)

COMMENTS ON CURRENT: fair flood - HEAVY W. WINDS

BUCKET TEMPERATURE °C: 22.0°

SALINITY BOTTLE NUMBER: 115A

(leave blank)

REMARKS (problems with equipment, etc.):

Heavy W. WINDS

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): GRIZZLY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): July 18 DAY 18 YEAR 77

(leave blank)

CALIFORNIA ARRIVAL TIME: 1400

DEPARTURE TIME:

RECORDER'S SIGNATURE: Conrad Richards

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1423 EBB OR FLOOD?:

FLOW METER READINGS (start): (end):

FLOW METER TIMES (in water): (out of water):

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 23° C

SALINITY BOTTLE NUMBER: 111A

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): SAN PABLO BAY STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 6 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: [illegible]

DEPARTURE TIME: 1005

RECORDER'S SIGNATURE: Conrad Nichols, [illegible]

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 60°

TIME: 0745 EBB OR FLOOD?: [illegible]

FLOW METER READINGS (start): [illegible] (end): 483857

FLOW METER TIMES (in water): [illegible] (out of water): [illegible]

(leave blank)

COMMENTS ON CURRENT: START OF FLOOD

BUCKET TEMPERATURE °C: 20.0

SALINITY BOTTLE NUMBER: 129

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CARQUINEZ STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 6 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1100

DEPARTURE TIME: 1430

RECORDER'S SIGNATURE: Carroll Nichols

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☒ 6) Other ☐ : _____

PHYSICAL DATA: (for turbo comments on #2)

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 80°

TIME: 1100 EBB OR FLOOD?: FLOOD

FLOW METER READINGS (start): 463864 (end): 473540

FLOW METER TIMES (in water): 1103 (out of water): 1[illegible]

(leave blank)

COMMENTS ON CURRENT: BEGINNING OF FLOOD

BUCKET TEMPERATURE °C: 20.0°

SALINITY BOTTLE NUMBER: 139

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): BENICIA STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 6 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1510

DEPARTURE TIME: 1530

RECORDER'S SIGNATURE: Conrad Nichols

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: 1515 EBB OR FLOOD?: FLOOD

FLOW METER READINGS (start): 496975 (end): 45[illegible]5

FLOW METER TIMES (in water): 1515 (out of water): 1520

(leave blank)

COMMENTS ON CURRENT: STILL FLOODING A LITTLE BIT BUT JUST ABOUT SLACK

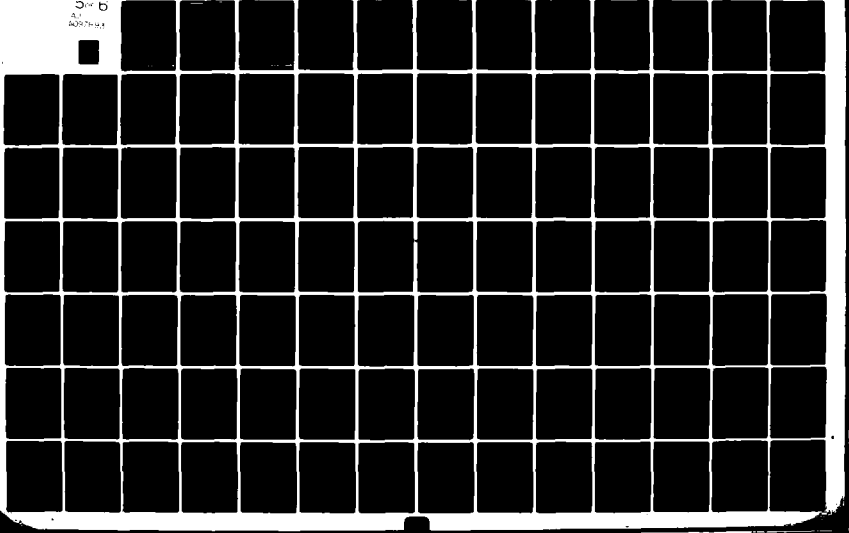
BUCKET TEMPERATURE °C: 22.2°

SALINITY BOTTLE NUMBER: 40

(leave blank)

REMARKS (problems with equipment, etc.):

AD-A097 893 KINNETIC LABS INC SANTA CRUZ CA F/G 8/8
IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA,--ETC(U)
MAR 81 DACW07-78-C-0049
UNCLASSIFIED KLI-81-1-APP-12 NL



CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN [illegible] - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): POINT CHICAGO STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 6 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1805

DEPARTURE TIME: 2045

RECORDER'S SIGNATURE:

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☒ 6) Other ☐ :

PHYSICAL DATA: Removed probe 183

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 242°

TIME: 1806 EBB OR FLOOD?: MODERATE EBB

FLOW METER READINGS (start): 483545 (end): 491389

FLOW METER TIMES (in water): 1808 (out of water): 1913

(leave blank)

COMMENTS ON CURRENT: MODERATE EBB DIED @ 2030

BUCKET TEMPERATURE °C: 22.2°

SALINITY BOTTLE NUMBER: 124

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CHIPPS ISLAND STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 6 YEAR 77

(leave blank)

CALIFORNIA ARRIVAL TIME: 1650

DEPARTURE TIME: 1735

RECORDER'S SIGNATURE: Conrad Reichel

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 1630 EBB OR FLOOD?: ABSOLUTELY SLACK

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: DEAD SLACK

BUCKET TEMPERATURE °C: 22.2°C

SALINITY BOTTLE NUMBER: 142

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): GRIZZLY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 6 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 2135

DEPARTURE TIME: 2207

RECORDER'S SIGNATURE: Conrad Rehnke, Robert Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA: _____

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: _____ EBB OR FLOOD?: _____

FLOW METER READINGS (start): _____ (end): _____

FLOW METER TIMES (in water): _____ (out of water): _____

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: 21.7°

SALINITY BOTTLE NUMBER: 131

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 22 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1205

DEPARTURE TIME: 1450

RECORDER'S SIGNATURE: Conrad Kubick

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 350

TIME: 1214 EBB OR FLOOD?: FLOOD

FLOW METER READINGS (start): 495085 (end): 509106

FLOW METER TIMES (in water): 1214 (out of water): 1219

(leave blank)

COMMENTS ON CURRENT: 140D. FLOOD

BUCKET TEMPERATURE °C: 21°

SALINITY BOTTLE NUMBER: 1

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CARQUINEZ STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 22 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1620

DEPARTURE TIME: 1730

RECORDER'S SIGNATURE: Conrad Nerbuit

PURPOSE OF STATION VISIT:

1) Visual Inspection	☒	2) Instrument Check	☒
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☐	6) Other ☐ :	

HYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ITS SLACK

TIME: 1625 EBB OR FLOOD?: beginning of ebb

FLOW METER READINGS (start): 504150 (end): 504327

FLOW METER TIMES (in water): 1624 (out of water): 1629

(leave blank)

COMMENTS ON CURRENT: High water slack

BUCKET TEMPERATURE °C: 20.5

SALINITY BOTTLE NUMBER: #2

(leave blank)

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): BEUICIA STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 23 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0855

DEPARTURE TIME: 1145

RECORDER'S SIGNATURE: Conrad Nichols

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 220°

TIME: 0902 EBB OR FLOOD?: STRONG EBB

FLOW METER READINGS (start): 504325 (end): 515373

FLOW METER TIMES (in water): 0904 (out of water): 0909

(leave blank)

COMMENTS ON CURRENT: STRONG EBB

BUCKET TEMPERATURE °C: 20.1

SALINITY BOTTLE NUMBER: 3

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINE. .S PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): PORT CHICAGO STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MON'H (spell out): AUGUST DAY 23 YEAR 77

(leave blank)

CALIFORNIA ARRIVAL TIME: 1900

DEPARTURE TIME: 2030

RECORDER'S SIGNATURE: C. Nelson

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] : _____

.HYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 260

TIME: _____ EBB OR FLOOD?: SLACK HIGH

FLOW METER READINGS (start): 541286 (end): 544475

FLOW METER TIMES (in water): 1916 (out of water): 1923

(leave blank)

COMMENTS ON CURRENT: START OF EBB

BUCKET TEMPERATURE °C: 21.0

SALINITY BOTTLE NUMBER: 4

(leave blank)

.EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CHIPPS ISLAND STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): AUGUST DAY 23 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1600

DEPARTURE TIME: ~~1615~~ 1815

RECORDER'S SIGNATURE: Conrad Richard

PURPOSE OF STATION VISIT:

1) Visual Inspection	[X]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [ ] :	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 098

TIME: 1610 EBB OR FLOOD?: FLOOD

FLOW METER READINGS (start): 532125 (end): 541275

FLOW METER TIMES (in water): 1618 (out of water): 1623

(leave blank)

COMMENTS ON CURRENT: Very heavy flood

BUCKET TEMPERATURE °C: 21

SALINITY BOTTLE NUMBER: 5 (@ Chipps

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION(spell out): GRIZZLY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH(spell out): AUGUST DAY 23 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1320

DEPARTURE TIME: 1415

RECORDER'S SIGNATURE: Conrad Reibeid

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [X]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] :

HYSICAL DATA: 1330

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1330 EBB OR FLOOD?:

FLOW METER READINGS (start): (end):

FLOW METER TIMES (in water): (out of water):

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 20.5

SALINITY BOTTLE NUMBER: 6

(leave blank)

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-[illegible]049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): SEPT. DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0945

DEPARTURE TIME: 1000

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection [N/A] 2) Instrument Check [✓]
3) Tape Change [✓] 4) Battery Change [✓]
5) Damage Repair [ ] 6) Other [ ] : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 54°

TIME: 0955 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 544635 (end): 556292

FLOW METER TIMES (in water): 5.0 min (out of water): _____

(leave blank)

COMMENTS ON CURRENT: slight flood, near end of flood

BUCKET TEMPERATURE °C: 21

SALINITY BOTTLE NUMBER: 18

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Sept. DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1040

DEPARTURE TIME: 1105

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 84°

TIME: 1045 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 554288 (end): 555892

FLOW METER TIMES (in water): 1045-0sec (out of water): 1050-0sec

(leave blank)

COMMENTS ON CURRENT: very low flood - nearly slack

BUCKET TEMPERATURE °C: 22°

SALINITY BOTTLE NUMBER: 3

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Sept DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1735

DEPARTURE TIME: 1820

RECORDER'S SIGNATURE: R. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 218

TIME: 1740 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 562264 (end): 568479

FLOW METER TIMES (in water): 1741 - 30 sec (out of water): 1746 - 30 sec

(leave blank)

COMMENTS ON CURRENT: Moderate (beginning)

BUCKET TEMPERATURE °C: 22.4

SALINITY BOTTLE NUMBER: 8

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

GROUND TRUTH DATA SHEET

(See 2 upside down sheets before blank change sheets)

STATION (spell out): Port Chicago STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Sept DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1230 ish

DEPARTURE TIME: 1358

RECORDER'S SIGNATURE: P. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 102°

TIME: _____ EBB OR FLOOD?: flood

FLOW METER READINGS (start): 555888 (end): 562257

FLOW METER TIMES (in water): 1350 (out of water): 1355

(leave blank)

COMMENTS ON CURRENT: Moderate to heavy flood

BUCKET TEMPERATURE °C: 22.2

SALINITY BOTTLE NUMBER: 4-

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chipps Islands STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Sept DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1540

DEPARTURE TIME:

RECORDER'S SIGNATURE: R. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): Slack

TIME: 1545 EBB OR FLOOD?:

FLOW METER READINGS (start): SLACK (end):

FLOW METER TIMES (in water): (out of water):

(leave blank)

COMMENTS ON CURRENT: Dead slack

BUCKET TEMPERATURE °C: 22.8

SALINITY BOTTLE NUMBER: 14

(leave blank)

(problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Grizzly Bay STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Sept DAY 17 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1655

DEPARTURE TIME: 1710

RECORDER'S SIGNATURE: R. Carpenter

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ : _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: _____ EBB OR FLOOD?: _____

FLOW METER READINGS (start): _____ (end): _____

FLOW METER TIMES (in water): _____ (out of water): _____

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: 22.8°

SALINITY BOTTLE NUMBER: 22

(leave blank)

REMARKS (problems with equipment, etc.):

no ground truth
data sheets for
service 10/2-10/3 ea.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo Bay STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Nov. DAY 2 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1750

DEPARTURE TIME: 1835

RECORDER'S SIGNATURE: R. S. Dunn

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☐ : _____

IYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~240°

TIME: 1930 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 605330 (end): 611609

FLOW METER TIMES (in water): T=0 (out of water): +=5 min.

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16.8°

SALINITY BOTTLE NUMBER: 134

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CARQUINEZ STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): NOV DAY 2 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1610

DEPARTURE TIME: 1705

RECORDER'S SIGNATURE: R. L. [illegible]

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : Meter set-up

HYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1630 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 59-50 (end): 60-330

FLOW METER TIMES (in water): 1-0 (out of water): 1-15

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.C

SALINITY BOTTLE NUMBER: 19

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Nov. DAY 2 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME:

DEPARTURE TIME:

RECORDER'S SIGNATURE: R J Gruna

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : Meter

PHYSICAL DATA: setup

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~ 60°

TIME: 1235 EBB OR FLOOD?: FLOOD

FLOW METER READINGS (start): 580020 (end): 584491

FLOW METER TIMES (in water): 1235 (out of water): 1240

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 17.1

SALINITY BOTTLE NUMBER: 54

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): PORT CHICAGO STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): NOV DAY 2 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 15:30

DEPARTURE TIME: 15:35

RECORDER'S SIGNATURE: R E Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : Set up meters

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~240°

TIME: 1510 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 584500 (end): 593527

FLOW METER TIMES (in water): 4:0 (out of water): 4:5 min.

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16.8

SALINITY BOTTLE NUMBER: 142

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chipps Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): NOV. DAY 2 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1005

DEPARTURE TIME: 1037

RECORDER'S SIGNATURE: R. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : Meter Installation

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~100°

TIME: 1010 EBB OR FLOOD?: Flood

FLOW METER READINGS (start): 568240 (end): 550020

FLOW METER TIMES (in water): + - 0 min (out of water): + 5 min

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16.5

SALINITY BOTTLE NUMBER: 40

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): GRIZZLY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Nov DAY 2 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 11:10

DEPARTURE TIME: 11:35

RECORDER'S SIGNATURE: R. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : meter or cable malfunction

'SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 11:15 EBB OR FLOOD?: —

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: —

BUCKET TEMPERATURE °C: 16.5

SALINITY BOTTLE NUMBER: 139

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Nov. DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1635

DEPARTURE TIME: 1705

RECORDER'S SIGNATURE: R. E. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 230

TIME: 1640 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 629700 (end): 631114

FLOW METER TIMES (in water): 1640 (out of water): 1650

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 13.0°

SALINITY BOTTLE NUMBER: —

(leave blank)

RKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CARQUINEZ STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): NOV DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1525

DEPARTURE TIME: 1603

RECORDER'S SIGNATURE: R. S. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

TECHNICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 260

TIME: 1530 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 623970 (end): 629698

FLOW METER TIMES (in water): 1550 (out of water): 1555

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: 13°

SALINITY BOTTLE NUMBER: —

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): BENICIA STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Nov. DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1430

DEPARTURE TIME: 1504

RECORDER'S SIGNATURE: R. S Dean

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

YSICAL DATA:

DIRECTION TQWARD WHICH CURRENT IS FLOWING (degrees magnetic): 210

TIME: 1430 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 612370 (end): 623972

FLOW METER TIMES (in water): 1440 (out of water): 1445

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 13°

SALINITY BOTTLE NUMBER: —

(leave blank)

ARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): PORT CHICAGO STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): NOV. DAY 28 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0940

DEPARTURE TIME:

RECORDER'S SIGNATURE: R. E. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☐
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☒	6) Other ☐ : Exchange meter parts	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1535 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 631110 (end): 642126

FLOW METER TIMES (in water): 1535 (out of water): 1540

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 13°

SALINITY BOTTLE NUMBER: —

(leave blank)

MISC (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CHIPPS ISLAND STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Nov. DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 0950

DEPARTURE TIME: 1238

RECORDER'S SIGNATURE: R. S. Dean

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ] : _____

YSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 240°

TIME: 1115 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 611670 (end): 612375

FLOW METER TIMES (in water): 1120 (out of water): 1125

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 13

SALINITY BOTTLE NUMBER: —

(leave blank)

MARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): GRIZZLEY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): NOV. DAY 28 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1615

DEPARTURE TIME: 1705

RECORDER'S SIGNATURE: R. J. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : Reset meter clock

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 1640 EBB OR FLOOD?: —

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.3

SALINITY BOTTLE NUMBER: —

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): SAN PABLO STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 11 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1045

DEPARTURE TIME: 1120

RECORDER'S SIGNATURE: R. B. Dean

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~210°

TIME: 1055 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 6[illegible] (end): 6[illegible]

FLOW METER TIMES (in water): 1012 (out of water): 1017

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.5°

SALINITY BOTTLE NUMBER: 3

(leave blank)

REMARKS (problems with equipment, etc.):

dynamic height = 300 cm

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 11 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1200

DEPARTURE TIME: 1445

RECORDER'S SIGNATURE: R L Green

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [ ]: replaced zincs

TIDAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~260°

TIME: EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 660660 (end): 668408

FLOW METER TIMES (in water): 0 min. (out of water): 5 min

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.5°

SALINITY BOTTLE NUMBER: 8

(leave blank)

REMARKS (problems with equipment, etc.):

dynamic height = 264 cm.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): BENICIA STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): Dec. DAY 11 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1515

DEPARTURE TIME: 1605

RECORDER'S SIGNATURE: R. S. Gran

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ :

TYPICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~210°

TIME: 1545 EBB OR FLOOD?: Ebb

FLOW METER READINGS (start): 668400 (end): 673112

FLOW METER TIMES (in water): 0 min (out of water): 10 min.

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.5

SALINITY BOTTLE NUMBER: 14

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): PORT CHICAGO STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 12 YEAR '79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1045

DEPARTURE TIME: 1135

RECORDER'S SIGNATURE: R S. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐

3) Tape Change ☒ 4) Battery Change ☒

5) Damage Repair ☐ 6) Other ☐ : _____

BICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~240°

TIME: 1100 EBB OR FLOOD?: EARLY EBB

FLOW METER READINGS (start): 673110 (end): 675197

FLOW METER TIMES (in water): t=0 min (out of water): 10 min.

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 11.5°

SALINITY BOTTLE NUMBER: 124

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

TATION (spell out): CHIPS ISLAND STATION NO.: 5

CALIFORNIA
ALENDAR DATE: MONTH (spell out): DEC. DAY 12 YEAR 79

(leave blank)

ALIFORNIA ARRIVAL TIME: 1153

EPARTURE TIME: 1240

ECORDER'S SIGNATURE: R. S. Green

URPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

CAL DATA:

IRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~270°

IME: 1155 EBB OR FLOOD?: EBB

OW METER READINGS (start): 681970 (end): 687275

OW METER TIMES (in water): 0 min. (out of water): 5 min.

(leave blank)

VENTS ON CURRENT:

RET TEMPERATURE °C: 11.9°

INITY BOTTLE NUMBER: 42

(leave blank)

RKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): GRIZZLY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 12 YEAR '79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1315

DEPARTURE TIME: 1410

RECORDER'S SIGNATURE: R.S. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection [X] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [X] : replaced

'SICAL DATA: Zinc.

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 1330 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): / (end): /

FLOW METER TIMES (in water): / (out of water): /

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 11.8°

SALINITY BOTTLE NUMBER: 4

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78 C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): PORT CHICAGO STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 18 YEAR '79

(leave blank)

CALIFORNIA ARRIVAL TIME: 12:30

DEPARTURE TIME:

RECORDER'S SIGNATURE: R. S. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [ ]
4) Battery Change [ ]
5) Damage Repair [ ]
6) Other [ ]: Replace Handoff

SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~250°

TIME: 1655 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 694870 (end): 209176

FLOW METER TIMES (in water): 0 min. (out of water): 5 min.

(leave blank)

MMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.5°

SALINITY BOTTLE NUMBER: —

(leave blank)

HERS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CHIPPS ISLAND STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 18 YEAR '79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1135

DEPARTURE TIME: 1200

RECORDER'S SIGNATURE: R. S Stern

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☒
3) Tape Change	☐	4) Battery Change	☒
5) Damage Repair	☐	6) Other	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~ 135°

TIME: 1135 EBB OR FLOOD?: FLOOD

FLOW METER READINGS (start): 687270 (end): 694967

DRIFT METER TIMES (in water): 0 min (out of water): 5 min

(leave blank)

COMMENTS ON CURRENT:

WATER TEMPERATURE °C: 10°

SAMPLE BOTTLE NUMBER: —

(leave blank)

NOTES (e.g. floats with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): GRIZZLY BAY STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DEC. DAY 18 YEAR '79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1040

DEPARTURE TIME: 1050

RECORDER'S SIGNATURE: R. E. Green

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☐ 4) Battery Change ☐
5) Damage Repair ☐ 6) Other ☒ : _____

'SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): /

TIME: 1045 EBB OR FLOOD?: /

FLOW METER READINGS (start): / (end): /

FLOW METER TIMES (in water): / (out of water): /

(leave blank)

MMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.5

SALINITY BOTTLE NUMBER: —

(leave blank)

...S (or blems with equipment, etc.):

... OF ... PROJECT DACW07-78-C-0019

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): San Pablo STATION NO.: # 1

CALIFORNIA
CALENDAR DATE: MONTH (spell out): December DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1248

DEPARTURE TIME:

RECORDER'S SIGNATURE: Jeri Baum

PURPOSE OF STATION VISIT:

1) Visual Inspection [ ] 2) Instrument Check [ ]
3) Tape Change [X] 4) Battery Change [X]
5) Damage Repair [ ] 6) Other [X]: Salinity experiment

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 722465 (end): 739440

FLOW METER TIMES (in water): 1320 (out of water): 1325

(leave blank)

COMMENTS ON CURRENT:

WATER TEMPERATURE °C: 9.5 Time: 1315

SALINITY BOTTLE NUMBER: Time: 1327

Top # 135 / Middle # - 122 / Bottom # - 11

(leave blank)

OTHER (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-76-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): CARQUINEZ STRAITS STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): DECEMBER DAY 27 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1445

DEPARTURE TIME:

RECORDER'S SIGNATURE: S. Hawes

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☐
3) Tape Change	☑	4) Battery Change	☑
5) Damage Repair	☐	6) Other [ ]:	

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1452 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 739460 (end): 747620

FLOW METER TIMES (in water): 1458 (out of water): 1503

(leave blank)

COMMENTS ON CURRENT: —

BUCKET TEMPERATURE °C: 9.5 - PST 1455

SALINITY BOTTLE NUMBER: Surface - #49 - PST 1502

(leave blank)

ERRS (problems with equipment, etc.):

no
ground truth
for station 3

[illegible] PROJECT D4CW07-78-C-0019

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago (#19) STATION NO.: #4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): December DAY 27 YEAR 79

(leave blank)

CALIFORNIA ARRIVAL TIME: 1015

DEPARTURE TIME: 1045

RECORDER'S SIGNATURE: Jane Baum

PURPOSE OF STATION VISIT:

1) Visual Inspection [ ] 2) Instrument Check [Y]
3) Tape Change [Y] 4) Battery Change [Y]
5) Damage Repair [Y] 6) Other [ ]:

SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 0957 EBB OR FLOOD?:

FLOW METER READINGS (start): 719305 (end): 722463

FLOW METER TIMES (in water): 0957 (out of water): 1002

(leave blank)

EVENTS ON CURRENT:

SOCKET TEMPERATURE °C: 965 1025

SALINITY BOTTLE NUMBER: #24

time 1030

(leave blank)

PROBS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): December DAY 26 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1247

DEPARTURE TIME:

RECORDER'S SIGNATURE: S. Howes

PURPOSE OF STATION VISIT:

1) Visual Inspection	[ ]	2) Instrument Check	[X]
3) Tape Change	[X]	4) Battery Change	[X]
5) Damage Repair	[ ]	6) Other [X] : Salinity	

TYPICAL DATA: ~~exposure~~

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270°

TIME: 1300 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 709446 (end): 718310

FLOW METER TIMES (in water): 1308 (out of water): 1313

(leave blank)

COMMENTS ON CURRENT: —

SHEET TEMPERATURE °C: 10° 1315

SALINITY BOTTLE NUMBER: top - #6 / mid - #9 / bottom - #17

Time 1325

(leave blank)

REMARKS (problems with equipment, etc.):

239cm from benchmark to water surface - 1315 hrs

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzley Bay STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): December DAY 26 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1100

DEPARTURE TIME:

RECORDER'S SIGNATURE: S. Hawes

PURPOSE OF STATION VISIT:

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other [X] : Salinity experiment

TECHNICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: — EBB OR FLOOD?: —

FLOW METER READINGS (start): — (end): —

FLOW METER TIMES (in water): — (out of water): —

(leave blank)

COMMENTS ON CURRENT: —

BUCKET TEMPERATURE °C: 9.5°

SALINITY BOTTLE NUMBER: #56 - 1200pm

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

S. ION(spell out): San Pablo STATION NO.: 1

CALIFORNIA
CALENDAR DATE: MONTH(spell out): January DAY 10 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1155

DEPARTURE TIME: 1217

RECORDER'S SIGNATURE: Howard Ins

PURPOSE OF STATION VISIT:

1) Visual Inspection	☐	2) Instrument Check	☒
3) Tape Change	☒	4) Battery Change	☒
5) Damage Repair	☒	6) Other ☐ :	

SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 230

TIME: 1155 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 747600 (end): [illegible]403

FLOW METER TIMES (in water): 1157 (out of water): 1202

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 9.6

SALINITY BOTTLE NUMBER: 23

(leave blank)

COMMENTS (problems with equipment, etc.):

blue box broken

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION(spell out): Carquinez Straits STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH(spell out): January DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1303

DEPARTURE TIME: 1334

RECORDER'S SIGNATURE: Howard Jan

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ : _____

TECHNICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270

TIME: 1308 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 756400 (end): 766686

FLOW METER TIMES (in water): 1305 (out of water): 1310

(leave blank)

COMMENTS ON CURRENT: _____

POCKET TEMPERATURE °C: 10.0

SALINITY BOTTLE NUMBER: 129

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

ST ION (spell out): Benicia / Martinez STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JAN. DAY 10 YEAR '80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1417

DEPARTURE TIME: 1433

RECORDER'S SIGNATURE: R S. Dacey

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☐ 6) Other ☐ : _____

SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~ 225°

TIME: 1420 EBB OR FLOOD?: EBB

FLOW METER READINGS (start): 766700 (end): 776926

LOW METER TIMES (in water): 1420 (out of water): 1425

(leave blank)

MENTS ON CURRENT:

UCKET TEMPERATURE °C:

ALINITY BOTTLE NUMBER: 10

(leave blank)

MA S (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 10 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1515

DEPARTURE TIME: 1710

RECORDER'S SIGNATURE: Howard Ives

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☑ 6) Other ☐ :

TYPICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 240

TIME: 1859 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 777 000 (end): 779441

FLOW METER TIMES (in water): 1658 (out of water): 1703

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 9.6

SALINITY BOTTLE NUMBER: 1

(leave blank)

REMARKS (problems with equipment, etc.):
Stand off damaged.
recorder [illegible] changed
1 compass removed

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

ST[illegible] ON (spell out): Chips Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 10 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1725

DEPARTURE TIME: 1735

[illegible]ECORDER'S SIGNATURE: Howard Jeas

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ :

[illegible]ICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 260°

TIME: 1930 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 779390 (end): 779738

FLOW METER TIMES (in water): 1728 (out of water): 1733

(leave blank)

[illegible]MENTS ON CURRENT:

[illegible]UCKET TEMPERATURE °C: 9.5°

[illegible]ALINITY BOTTLE NUMBER: 112 A

(leave blank)

[illegible]S (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

S[illegible]TION (spell out): Grizzley Bay STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1810

DEPARTURE TIME: 1833

RECORDER'S SIGNATURE: Howard Jones

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☐

3) Tape Change ☑ 4) Battery Change ☑

5) Damage Repair ☐ 6) Other ☐ : _____

[illegible]ICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

[illegible]IME: _____ EBB OR FLOOD?: —

[illegible]LOW METER READINGS (start): _____ (end): _____

[illegible]LOW METER TIMES (in water): _____ (out of water): _____

(leave blank)

[illegible]MENTS ON CURRENT:

[illegible]CKET TEMPERATURE °C: 9.2°

[illegible]LINITY BOTTLE NUMBER: 116 A

(leave blank)

[illegible]S (problems with equipment, etc.):

San Pablo
vandalized

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Carquinez STATION NO.: 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 29 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1222

DEPARTURE TIME: 1250

RECORDER'S SIGNATURE: H Jan

PURPOSE OF STATION VISIT:

1) Visual Inspection [ ]
2) Instrument Check [X]
3) Tape Change [X]
4) Battery Change [X]
5) Damage Repair [ ]
6) Other [ ]:

SICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270°

TIME: 1226 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 780000 (end): 783000

FLOW METER TIMES (in water): 1227 (out of water): 1232

(leave blank)

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 9.3°

SALINITY BOTTLE NUMBER: 224

162 cm benchmark to water

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Benicia Martinez STATION NO.: 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 29 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1315

DEPARTURE TIME: 2015

OBSERVER'S SIGNATURE: HJ

PURPOSE OF STATION VISIT:

1) Visual Inspection [✓] 2) Instrument Check [✓]
3) Tape Change [✓] 4) Battery Change [✓]
5) Damage Repair [ ] 6) Other [✓]: Tines installed

TIDAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 230°

TIME: 1340 EBB OR FLOOD?: ebb

WATER METER READINGS (start): 783000 (end): 789958

TIMES (in water): 1340 (out of water): 1345

[illegible]

[illegible] wire wrong

[illegible] 9.0

[illegible] 114 A

[illegible]

Data cables all messed up. Something wrong [illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

SAN PABLO - CHIPS ISLAND

GROUND TRUTH DATA SHEET

STATION (spell out): Port Chicago STATION NO.: 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 30 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1315

DEPARTURE TIME: 1620

RECORDER'S SIGNATURE: [signature]

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☒
3) Tape Change ☒ 4) Battery Change ☒
5) Damage Repair ☒ 6) Other ☐ : _____

ICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 250

TIME: 1555 EBB OR FLOOD?: ebb

FLOW METER READINGS (start): 795500 (end): 802684

FLOW METER TIMES (in water): 1556 (out of water): 1601

(leave blank)

COMMENTS ON CURRENT: _____

SHEET TEMPERATURE °C: 7.9

SALINITY BOTTLE NUMBER: 20

(leave blank)

REMARKS (problems with equipment, etc.):
bench mark 163 cm.

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Chips Island STATION NO.: 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 30 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 0950

DEPARTURE TIME: 1050

RECORDER'S SIGNATURE: H Jan

PURPOSE OF STATION VISIT:

1) Visual Inspection	☑	2) Instrument Check	☑
3) Tape Change	☑	4) Battery Change	☑
5) Damage Repair	☐	6) Other ☐ :	inspect

ICAL DATA: zeros OK

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 120°

TIME: 1012 EBB OR FLOOD?: flood

FLOW METER READINGS (start): 790000 (end): 795507

LOW METER TIMES (in water): 1016 (out of water): 1021:30

(leave blank)

MMENTS ON CURRENT:

CKET TEMPERATURE °C: 7.8°

ALINITY BOTTLE NUMBER: 16

(leave blank)

RKS (problems with equipment, etc.):

Benchmark 176 cm at 1024

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
SAN PABLO - CHIPS ISLAND
GROUND TRUTH DATA SHEET

STATION (spell out): Grizzly Bay STATION NO.: 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): January DAY 30 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1140

DEPARTURE TIME: 1235

RECORDER'S SIGNATURE: M Jan

PURPOSE OF STATION VISIT:

1) Visual Inspection ☐ 2) Instrument Check ☑
3) Tape Change ☑ 4) Battery Change ☑
5) Damage Repair ☐ 6) Other ☐ : _____

ICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): _____

TIME: _____ EBB OR FLOOD?: _____

FLOW METER READINGS (start): _____ (end): _____

FLOW METER TIMES (in water): _____ (out of water): _____

(leave blank)

COMMENTS ON CURRENT: _____

BUCKET TEMPERATURE °C: 8.4

SALINITY BOTTLE NUMBER: 13

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

(TIAL AF

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 14 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 0950 DEPARTURE TIME: 1:10

TASKS ACCOMPLISHED ON THIS STATION VISIT: visual, clamac batteries
replace recorder [illegible] tape

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~~250~~

TIME: 0952 EBB OR FLOOD?: ~~ebb~~

FLOW MTR REVS (start): 802700 (end): [illegible] (diff):

MTR TIME (in water): 0954 (out): 1000 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.5°C

SALINITY BOTTLE NUMBER: 134 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TRIAL 11

STATION (spell out): [illegible] STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): F[illegible] DAY 11 YEAR [illegible]

(leave blank)

CALIFORNIA ARRIVAL TIME: 11[illegible] DEPARTURE TIME: 1155

TASKS ACCOMPLISHED ON THIS STATION VISIT: [illegible] tape

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): [illegible]

TIME: [illegible] EBB OR FLOOD?: Flood

FLOW MTR REVS (start): [illegible] (end): 812545 (diff): [illegible]

MTR TIME (in water): 1146 (out): 1152:30 (diff): [illegible]

REVS/MIN: [illegible] SPEED: [illegible]

COMMENTS ON CURRENT: STRONG CURRENT

BUCKET TEMPERATURE °C: 11.0

SALINITY BOTTLE NUMBER: *4 FIELD SALINITY: [illegible]

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL HT

STATION (spell out): PORT CHICAGO STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 14 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1215 DEPARTURE TIME: 1240

TASKS ACCOMPLISHED ON THIS STATION VISIT: FLT BY - INTAKE TAPE

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 115

TIME: 1230 EBB OR FLOOD?: Flood

FLOW MTR REVS (start): 812530 (end): 824934 (diff):

MTR TIME (in water): 1234 (out): 1243 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: GENTLE FLOOD

BUCKET TEMPERATURE °C: 10.4

SALINITY BOTTLE NUMBER: 21 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL CL

STATION (spell out): CHIPPS ISLAND STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February 1· DAY 14 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1310 DEPARTURE TIME: 1345

TASKS ACCOMPLISHED ON THIS STATION VISIT: change batteries, check meters

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 120 ~ ANGLE, W 150°

TIME: 1315 EBB OR FLOOD?: FLOOD (TOP

FLOW MTR REVS (start): 923978 SLACK (end): @ 1320 (diff):

W MTR TIME (in water): ~~1314~~ (out): (diff):

REVS/MIN: SLACK SPEED:

COMMENTS ON CURRENT: ... E FLOOD MEAN HIGH SLACK

BUCKET TEMPERATURE °C: 1[illegible]C

SALINITY BOTTLE NUMBER: 102 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL PJL

STATION (spell out): GRIZZLY BAY STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): FEB DAY 14 YEAR 1979

(leave blank)

CALIFORNIA ARRIVAL TIME: 1148 DEPARTURE TIME: 1240

TASKS ACCOMPLISHED ON THIS STATION VISIT: Tape change, Battery Check

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: EBB OR FLOOD?:

FLOW MTR REVS (start): (end): (diff):

MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 10.2

SALINITY BOTTLE NUMBER: 124 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL FI

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 26 . YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1240 DEPARTURE TIME: 1450

TASKS ACCOMPLISHED ON THIS STATION VISIT: Change batteries Tape. Pull all meters. Re-zero turb. m Citter. Changed mirrors replaced turb cable on top rig. Take photos depth measurement

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): Slack

TIME: 1640 EBB OR FLOOD?: Slack

FLOW MTR REVS (start): ~~824200~~ (end): (diff):

MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12°

SALINITY BOTTLE NUMBER: 305 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

Strong currents moving out 50 m from pier in channel

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL H

STATION (spell out): Benicia - Martinez STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 27 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1200 DEPARTURE TIME: 1425

TASKS ACCOMPLISHED ON THIS STATION VISIT: Surge Tape + Batteries, Blue box replaced middle meter

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 215°

TIME: 1420 EBB OR FLOOD?: Ebb

FLOW MTR REVS (start): 824245 (end): 830465 (diff):

MTR TIME (in water): 1415 (out): 1420 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.1°C

SALINITY BOTTLE NUMBER: 120 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.): replaced middle meter. Replaced [illegible] meter

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL HH

STATION (spell out): Chips Island STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 27 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 0915 DEPARTURE TIME: 1010

TASKS ACCOMPLISHED ON THIS STATION VISIT: change tape x batteries check
mtr. Rev. Counter Cord adapter Light

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 25°

TIME: 0950 EBB OR FLOOD?: Flood

FLOW MTR REVS (start): 824200 (end): 824247 (diff):

MTR TIME (in water): 0939 (out): 0945 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: Very slow

BUCKET TEMPERATURE °C: 12.2

SALINITY BOTTLE NUMBER: 120 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL _____

STATION (spell out): Grizzly Bay STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): February DAY 27 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1455 DEPARTURE TIME: 1510

TASKS ACCOMPLISHED ON THIS STATION VISIT: _____

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 190

TIME: 1500 EBB OR FLOOD?: Ebb

FLOW MTR REVS (start): _____ (end): _____ (diff): _____

MTR TIME (in water): _____ (out): _____ (diff): _____

REVS/MIN: _____ SPEED: _____

COMMENTS ON CURRENT: Ebb

BUCKET TEMPERATURE °C: 12.4°

SALINITY BOTTLE NUMBER: 226 FIELD SALINITY: _____

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL SP

STATION (spell out): Carquinez Straights STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 12 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 0920 DEPARTURE TIME: 0950

TASKS ACCOMPLISHED ON THIS STATION VISIT: Tape & Battery & clock change & Ground truth

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): Slackwater

TIME: 0940 EBB OR FLOOD?:

FLOW MTR REVS (start): (end): (diff):

OW MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: SLACK

BUCKET TEMPERATURE °C: 12.3°C

SALINITY BOTTLE NUMBER: FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL [illegible]

STATION (spell out): BENICIA STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 12 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1015 DEPARTURE TIME: 1125

TASKS ACCOMPLISHED ON THIS STATION VISIT: FCT BY, RESET RECORDER CLOCK

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 210°

TIME: 1110 EBB OR FLOOD?: START OF EBB

FLOW MTR REVS (start): 832940 (end): 833796 (diff):

LOW MTR TIME (in water): 1113 (out): 1119 (diff): 6 min

REVS/MIN: SPEED:

COMMENTS ON CURRENT: AT HOUR (1100) TIDE WAS BARELY STARTING TO EBB

BUCKET TEMPERATURE °C: 12.5°

SALINITY BOTTLE NUMBER: 219 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL CR

STATION (spell out): PORT CHICAGO STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 12 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1155 DEPARTURE TIME: 1330

TASKS ACCOMPLISHED ON THIS STATION VISIT: FLY BY - INSTALL RECORDER, RESET RECORDER CLOCK

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 250°

TIME: 1243 EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 833800 (end): 840027 (diff):

FLOW MTR TIME (in water): 1243 (out): 1249 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: EBB NOW GOING PRETTY WELL - WE ARE AT HIGH WATER

BUCKET TEMPERATURE °C: 12.6°C

SALINITY BOTTLE NUMBER: 216 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

→ Tide is dropping now and ebb current is strong - water calm

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL C.L.

STATION (spell out): CHIPPS ISLAND STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 12 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1400 DEPARTURE TIME: 1520

TASKS ACCOMPLISHED ON THIS STATION VISIT: RESET RECORDER CLOCKS, Change tapes

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 260

TIME: 1515 EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 840634 (end): 351347 (diff):

FLOW MTR TIME (in water): 1513 (out): 1518 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: Ebbing hard

BUCKET TEMPERATURE °C: 12 3

SALINITY BOTTLE NUMBER: 19 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL CK

STATION (spell out): GRIZZLY BAY STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 12 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1550 DEPARTURE TIME: 1610

TASKS ACCOMPLISHED ON THIS STATION VISIT: RESET RECORDER CLOCK; CHANGE TAPE

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: ~ 1605 EBB OR FLOOD?:

FLOW MTR REVS (start): (end): (diff):

FLOW MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.2 °C

SALINITY BOTTLE NUMBER: 42 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL SP

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): March DAY 25 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1525 DEPARTURE TIME: 1605

TASKS ACCOMPLISHED ON THIS STATION VISIT: battery, Tape change

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270° Magnetic

TIME: 1530 EBB OR FLOOD?: Ebb

FLOW MTR REVS (start): 873000 (end): 894637 (diff):

FLOW MTR TIME (in water): 1530:15 (out): 1535:15 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: Strong Ebb

BUCKET TEMPERATURE °C: 12.9°C

SALINITY BOTTLE NUMBER: 71 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL RP

STATION (spell out): BENICIA STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 25 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 11:17 A.M. DEPARTURE TIME:

TASKS ACCOMPLISHED ON THIS STATION VISIT: TAPE & BATTERY CHANGE

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: (EBB) OR FLOOD?:

FLOW MTR REVS (start): 354871 (end): 358759 (diff): 3888

W MTR TIME (in water): 11:25:45 (out): 11:30:45 (diff): 5 min

REVS/MIN: 7776 SPEED:

COMMENTS ON CURRENT: EBB [illegible]

BUCKET TEMPERATURE °C: 12.2°

SALINITY BOTTLE NUMBER: 83 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

Both [illegible] coated with red algae, [illegible] in loosing the [illegible] was [illegible] [illegible] the [illegible] [illegible] 1422. [illegible] [illegible] [illegible].

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL RR

STATION (spell out): PORT CHICAGO STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 25 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1235 DEPARTURE TIME: 1:105

TASKS ACCOMPLISHED ON THIS STATION VISIT: CHANGE BATTERIES + TAPE

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 12:35 EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 858770 (end): 864807 (diff):

FLOW MTR TIME (in water): 12:42:00 (out): 12:47:00 (diff): 0005

REVS/MIN: 1207.4 SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 12.2°C

SALINITY BOTTLE NUMBER: 51 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):
Terminal post problem

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL RR

STATION (spell out): CHIPPS ISLAND STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MARCH DAY 25 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 13:23 DEPARTURE TIME: 14:05

TASKS ACCOMPLISHED ON THIS STATION VISIT: CHANGE TAPES + BATTERIES

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 13:23 EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 864950 (end): 873942 (diff): 8992

FLOW MTR TIME (in water): 13:26:15 (out): 13:31:15 (diff): 5 min

REVS/MIN: 1798.4 SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 11.8°C

SALINITY BOTTLE NUMBER: 61 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

ITIAL AT

ATION (spell out): Grizzly Bay STATION NO. 7

LIFORNIA
LENDAR DATE: MONTH (spell out): March DAY 25 YEAR 80

(leave blank)

LIFORNIA ARRIVAL TIME: 0918 DEPARTURE TIME: 0935

SKS ACCOMPLISHED ON THIS STATION VISIT: blue box check, change batteries & tape

YSICAL DATA:

RECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

ME: EBB OR FLOOD?:

OW MTR REVS (start): (end): (diff):

OW ~ TIME (in water): (out): (diff):

VS/MIN: SPEED:

MMENTS ON CURRENT: normal

CKET TEMPERATURE °C: 12.0 C

LINITY BOTTLE NUMBER: 53 FIELD SALINITY:

(leave blank)

MARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

ITIAL 17

'TION (spell out): San Pablo STATION NO. 1

LIFORNIA
LENDAR DATE: MONTH (spell out): April DAY 10 YEAR 80

.leave blank)

LIFORNIA ARRIVAL TIME: 0853 DEPARTURE TIME: 0920

SKS ACCOMPLISHED ON THIS STATION VISIT: TAPE & Battery Change

/SICAL DATA:

RECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 220

4E: 0900 EBB OR FLOOD?: ebb

)W MTR REVS (start): 894600 (end): 895367 (diff):

)W MTR TIME (in water): 0905:30 (out): 0910:30 (diff):

/S/MIN: SPEED:

IMENTS ON CURRENT: minimal

:KET TEMPERATURE °C: 13.5

.INITY BOTTLE NUMBER: 1 FIELD SALINITY:

(leave blank)

:ARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL H

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 0954 DEPARTURE TIME: 1012

TASKS ACCOMPLISHED ON THIS STATION VISIT: change tape + batteries, ground truth, blue box check

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 345

TIME: 1000 EBB OR FLOOD?:

FLOW MTR REVS (start): 895400 (end): 896193 (diff):

FLOW MTR TIME (in water): 0955:15 (out): 1000:15 (diff): 5 min

REVS/MIN: SPEED:

COMMENTS ON CURRENT: slow

BUCKET TEMPERATURE °C: 13.8

SALINITY BOTTLE NUMBER: 54 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL A

STATION (spell out): Benicia - Martinez STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1035 DEPARTURE TIME: 1114

TASKS ACCOMPLISHED ON THIS STATION VISIT: change tape & batteries, ground truth, blue box check

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 320

TIME: 1004 EBB OR FLOOD?: ebb

FLOW MTR REVS (start): 896200 (end): 899842 (diff):

FLOW MTR TIME (in water): 1101 (out): 1105 (diff): 4 min

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 14.2

SALINITY BOTTLE NUMBER: 11 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL IT

STATION (spell out): Port Chicago STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1145 DEPARTURE TIME: 1216

TASKS ACCOMPLISHED ON THIS STATION VISIT: change batteries + tape, ground truth, blue box check

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1200 EBB OR FLOOD?: ebb

FLOW MTR REVS (start): 899999 (end): 909903 (diff):

FLOW MTR TIME (in water): 1153 (out): 1202 (diff): 9 min

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 15.0

SALINITY BOTTLE NUMBER: 122 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL H

STATION (spell out): Chipps Island STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1235 DEPARTURE TIME: 1400

TASKS ACCOMPLISHED ON THIS STATION VISIT: change tape + batteries, ground truth, blue box check

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270

TIME: 1255 EBB OR FLOOD?: ebb

FLOW MTR REVS (start): 909900 (end): 919844 (diff):

FLOW MTR TIME (in water): 1353 (out): 1358 (diff): 5 min

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 14.6

SALINITY BOTTLE NUMBER: 69 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL AF

STATION (spell out): Grizzley Bay STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 10 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1435 DEPARTURE TIME: 1515

TASKS ACCOMPLISHED ON THIS STATION VISIT: change batteries + tape, ground truth, Rho box check

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 200

TIME: 1440 EBB OR FLOOD?: Ebb

FLOW MTR REVS (start): ~~_____~~ (end): ~~_____~~ (diff): ~~_____~~

FLOW MTR TIME (in water): ~~_____~~ (out): ~~_____~~ (diff): ~~_____~~

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16.5

SALINITY BOTTLE NUMBER: 9 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

IAL F

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 28 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1400 DEPARTURE TIME:

TASKS ACCOMPLISHED ON THIS STATION VISIT:

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 280

TIME: 1410 EBB OR FLOOD?: ebb

FLOW MTR REVS (start): 919800 (end): 920398 (diff):

MTR TIME (in water): 1415:00 (out): 1423:00 (diff): 8 min

REVS/MIN: SPEED:

COMMENTS ON CURRENT: minima)

BUCKET TEMPERATURE °C: 15.8

SALINITY BOTTLE NUMBER: 138 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL A

STATION (spell out): Benicia - Martinez STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 30 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1240 DEPARTURE TIME:

TASKS ACCOMPLISHED ON THIS STATION VISIT: change top meter, blue box check change batteries & tape

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 350

TIME: 1345 EBB OR FLOOD?: flood

FLOW MTR REVS (start): 920000 (end): 928445 (diff):

MTR TIME (in water): 1331 (out): 1336 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 17.4

SALINITY BOTTLE NUMBER: 135 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

I IAL A

STATION (spell out): Port Chicago STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 30 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1435 DEPARTURE TIME: 1635

TASKS ACCOMPLISHED ON THIS STATION VISIT: blue box check, change batteries + tape. Changed bottom meter to check it for depth

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 70

TIME: 1440 EBB OR FLOOD?: Flood

FLOW MTR REVS (start): 928500 (end): 936673 (diff):

MTR TIME (in water): 1623 (out): 1631 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 16.8

SALINITY BOTTLE NUMBER: 134 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL A

STATION (spell out): Chipps Island STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 30 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1655 DEPARTURE TIME: 1712

TASKS ACCOMPLISHED ON THIS STATION VISIT: blue dot chart, change batteries & tape, ground truth

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

TIME: 1710 EBB OR FLOOD?: —

FLOW MTR REVS (start): 936700 (end): 936923 (diff):

FLOW MTR TIME (in water): 1700 (out): 1705 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: no noticeable current due to tide

POCKET TEMPERATURE °C: 18°

SALINITY BOTTLE NUMBER: 134 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL A

STATION (spell out): Grizzly Bay STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): April DAY 30 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1555 DEPARTURE TIME: 1807

TASKS ACCOMPLISHED ON THIS STATION VISIT: Plus box check, change batteries, Tape, ground Truth

PHYSICAL DATA:

IRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): —

ME: 1800 EBB OR FLOOD?:

LOW MTR REVS (start): (end): (diff):

MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 17.5

SALINITY BOTTLE NUMBER: 125 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL CK

STATION (spell out): BENICIA STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): MAY DAY 19 MONDAY YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1030 DEPARTURE TIME: 1145

TASKS ACCOMPLISHED ON THIS STATION VISIT: CHANGE RECORDER, CHANGE BATTERIES
RESET CLOCK

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 220°

TIME: EBB OR FLOOD?: STRONG EBB

FLOW MTR REVS (start): 952230 (end): 973687 (diff):

MTR TIME (in water): 1101 (out): 1111 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: STRONG EBB INTO 15 KNOT BREEZE (NW!)

BUCKET TEMPERATURE °C: — no Thermometer

SALINITY BOTTLE NUMBER: 130 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

ITIAL A

STATION (spell out): Port Chicago STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 16 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1745 DEPARTURE TIME: 1835

TASKS ACCOMPLISHED ON THIS STATION VISIT: blue box check, change tapes + batteries, ground truth

PHYSICAL DATA:

IRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 90

IME: 1753 EBB OR FLOOD?: ebb

LOW MTR REVS (start): 944300 (end): 952232 (diff):

W MTR TIME (in water): 1751 (out): 1758 (diff): 7

EVS/MIN: SPEED:

MMENTS ON CURRENT:

JCKET TEMPERATURE °C: N/A

SALINITY BOTTLE NUMBER: 507 FIELD SALINITY:

(leave blank)

EMARKS (problems with equipment, etc.):

San Jose Inst. Hg Barometer

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL IF

STATION (spell out): Chipps Island STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 16 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1705 DEPARTURE TIME: 1735

TASKS ACCOMPLISHED ON THIS STATION VISIT: Dive for Grab, Songe
Tape + Batteries, ground truth (no temp)

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 110

TIME: 1710 EBB OR FLOOD?: Flood

FLOW MTR REVS (start): 937000 (end): 944295 (diff):

MTR TIME (in water): 1713:30 (out): 1721:30 (diff): 8

EVS/MIN: SPEED:

MMENTS ON CURRENT:

JCKET TEMPERATURE °C: N/A

SALINITY BOTTLE NUMBER: 227 FIELD SALINITY:

(leave blank)

EMARKS (problems with equipment, etc.):
San Jose project has the monster

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL A

STATION (spell out): Dingley Bay STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): May DAY 16 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1605 DEPARTURE TIME: 1635

TASKS ACCOMPLISHED ON THIS STATION VISIT: Clear box cheek, Change Tape & Batteries, ground truth

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: 1610 EBB OR FLOOD?: flood

FLOW MTR REVS (start): (end): (diff):

FLOW MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: N/A

SALINITY BOTTLE NUMBER: S 17 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

San Jose project has thermometer

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL_____

STATION (spell out): Carquinez STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): June DAY 2 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 0812 DEPARTURE TIME: 0845

TASKS ACCOMPLISHED ON THIS STATION VISIT: fly by

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 260

TIME: 0815 EBB OR FLOOD?: ebb

FLOW MTR REVS (start): 973600 (end): 974210 (diff):

MTR TIME (in water): 0814 (out): 0819 (diff): 5min

FS/MIN: SPEED:

MMENTS ON CURRENT: minimal

BUCKET TEMPERATURE °C: 16.0

SALINITY BOTTLE NUMBER: 511 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

(TIAL _____

STATION (spell out): Benicia STATION NO. 31

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 2 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 0914 DEPARTURE TIME: 0950

TASKS ACCOMPLISHED ON THIS STATION VISIT: change batteries + tapes

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 214°

TIME: 0914 EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 974210 (end): 985207 (diff): _____

MTR TIME (in water): 0916 (out): 0921 (diff): 5 min

EVS/MIN: _____ SPEED: _____

MENTS ON CURRENT: strong

BUCKET TEMPERATURE °C: 16

SALINITY BOTTLE NUMBER: 508 FIELD SALINITY: _____

(leave blank)

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL_____

STATION (spell out): Port Chicago STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 2 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1026 DEPARTURE TIME: 1045

TASKS ACCOMPLISHED ON THIS STATION VISIT: Change batteries + tapes

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 255

TIME: _____ EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 985200 (end): 996680 (diff): _____

TR TIME (in water): 0922 (out): 0927 (diff): 5min

EVS/MIN: _____ SPEED: _____

MENTS ON CURRENT: Strong

BUCKET TEMPERATURE °C: 17

SALINITY BOTTLE NUMBER: 519 FIELD SALINITY: _____

(leave blank)

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL _____

STATION (spell out): Chipps Island STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 2 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1105 DEPARTURE TIME: 1140

TASKS ACCOMPLISHED ON THIS STATION VISIT: change batteries + tapes

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 270

TIME: 1105 EBB OR FLOOD?: EBB

FLOW MTR REVS (start): 996666 (end): _____ (diff): _____

MTR TIME (in water): 1111 (out): 1119 (diff): 8

REVS/MIN: _____ SPEED: _____

MMENTS ON CURRENT: strong

BUCKET TEMPERATURE °C: 17.5

SALINITY BOTTLE NUMBER: 001 FIELD SALINITY: _____

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

(TIAL_____

STATION (spell out): Grizzley Bay STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 2 YEAR 1980

(leave blank)

CALIFORNIA ARRIVAL TIME: 1208 DEPARTURE TIME: 1310

TASKS ACCOMPLISHED ON THIS STATION VISIT: change batteries + tapes

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):_____

TIME:_____ EBB OR FLOOD?:_____

FLOW MTR REVS (start):_____ (end):_____ (diff):_____

MTR TIME (in water):_____ (out):_____ (diff):_____

EVS/MIN:_____ SPEED:_____

MENTS ON CURRENT: mild - none

BUCKET TEMPERATURE °C: 7.8

SALINITY BOTTLE NUMBER: 002 FIELD SALINITY:_____

(leave blank)

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL Ch

STATION (spell out): CHIPPS STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): June DAY 3 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 0835 DEPARTURE TIME: 0910

TASKS ACCOMPLISHED ON THIS STATION VISIT: Put in Rd Benning Recorder, Blue Box check, Rent Clock, Next Cassette

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): ~ 250°

TIME: 0855 EBB OR FLOOD?: Strong ebb

FLOW MTR REVS (start): 015548 (end): 026734 (diff):

MTR TIME (in water): 0902 (out): 0908 (diff): 6 min

REVS/MIN: SPEED:

MENTS ON CURRENT: Strong ebb (Wind & Tide opposite - 15 KNOTS±)

BUCKET TEMPERATURE °C: 17.5

SALINITY BOTTLE NUMBER: 003 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

TIAL CRPS.K.

STATION (spell out): SAN PABLO STATION NO. 01

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 20 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 0920 DEPARTURE TIME: 1425

TASKS ACCOMPLISHED ON THIS STATION VISIT:

INTACK STATION

PHYSICAL DATA:

IRECTION ~~TOWARD WHICH~~ CURRENT IS FLOWING (degrees magnetic): down channel

ME: Q=4984 EBB OR FLOOD?: Q460 ?/

FLOW MTR REVS (start): (end): (diff):

W MTR TIME (in water): 2,47 1447 (out): 2 1452 (diff):

-EVS/MIN: SPEED:

OMMENTS ON CURRENT: strong ebb

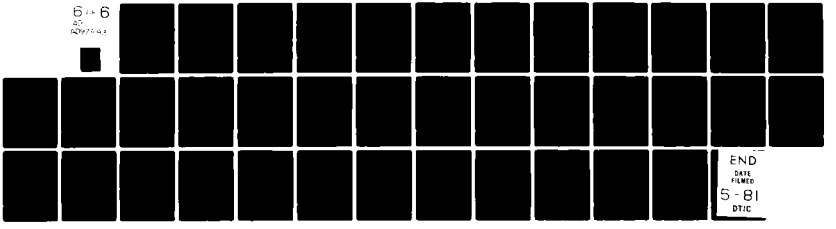
BUCKET TEMPERATURE °C: 19.1

SALINITY BOTTLE NUMBER: 216 FIELD SALINITY:

(leave blank)

EMARKS (problems with equipment, etc.):

AD-A097 893 KINNETIC LABS INC SANTA CRUZ CA F/G 8/8
IN-SITU FIELD DATA GATHERING STATIONS, SAN FRANCISCO BAY-DELTA,--ETC(U)
MAR 81 DACW07-78-C-0049
UNCLASSIFIED KLI-81-1-APP-12 NL



CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

126

121

TRIAL CH

STATION (spell out): CARQUINEZ STATION NO. 2

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 20 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 0755 DEPARTURE TIME: 0835

TASKS ACCOMPLISHED ON THIS STATION VISIT: FLY BY

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): TIDE SLACK

TIME: 0800 EBB OR FLOOD?: SLACK

FLOW MTR REVS (start): SLACK WATER (end): (diff):

MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: SLACK

BUCKET TEMPERATURE °C: 16.3

SALINITY BOTTLE NUMBER: 310 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL CR

STATION (spell out): Benicia STATION NO. 3

CALIFORNIA
CALENDAR DATE: MONTH (spell out): June DAY 20 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 0600 DEPARTURE TIME: 0725

TASKS ACCOMPLISHED ON THIS STATION VISIT: Ely Bay

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 40°

TIME: 0615 EBB OR FLOOD?: Slight flood

FLOW MTR REVS (start): 034658 (end): 035001 (diff):

MTR TIME (in water): 6:15 (out): 6:20 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: Still barely flooding ~ Almost high slack

BUCKET TEMPERATURE °C: 18.8

SALINITY BOTTLE NUMBER: 19 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

± 3

1,121.

2,138

3,101

4,118

5,74

6,26

578 cm

TOTAL DISTANCE in
FROM UPPERMOST
METER MARK TO TOWILL
MARK SAN PABLO +
RECORDED BY CONRAD RECKSIEK
AND SEAN KINNEY
20 JUNE 1980

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

INITIAL CR

STATION (spell out): PORT CHICAGO STATION NO. 4

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 19 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1630 DEPARTURE TIME: 1735

TASKS ACCOMPLISHED ON THIS STATION VISIT: Fly By

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): CURRENT IS SLACK

TIME: 1645 EBB OR FLOOD?: SLACK

FLOW MTR REVS (start): 032287 (end): 34658 (diff):

MTR TIME (in water): 4:55 (out): 5'00 (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT: SLACK, BUT WIND VERY STRONG 240°

BUCKET TEMPERATURE °C: 20.3

SALINITY BOTTLE NUMBER: 226 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

CAL CR & S.K.

STATION (spell out): Chipps Is. STATION NO. 5

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY 19 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1500 DEPARTURE TIME: 1605

TASKS ACCOMPLISHED ON THIS STATION VISIT: Fly By

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic): 2600

TIME: ~1530 EBB OR FLOOD?: ebb

FLOW MTR REVS (start): 026746 (end): 032766 (diff):

(ITR TIME (in water): 3'25 (out): 3'30 (diff):

EVS/MIN: SPEED:

MMENTS ON CURRENT:

BUCKET TEMPERATURE °C: ~~20.0~~ 20.1

SALINITY BOTTLE NUMBER: 219 FIELD SALINITY:

(leave blank)

EMARKS (problems with equipment, etc.):

CORPS OF ENGINEERS PROJECT DACW07-C-0049
SAN PABLO - CHIPPS ISLAND
GROUND TRUTH DATA SHEET

(TIAL CR

STATION (spell out): GRIZZLY BAY STATION NO. 6

CALIFORNIA
CALENDAR DATE: MONTH (spell out): JUNE DAY ~~June~~ 19 YEAR 80

(leave blank)

CALIFORNIA ARRIVAL TIME: 1325 DEPARTURE TIME: 1415

TASKS ACCOMPLISHED ON THIS STATION VISIT: Fly Bag

PHYSICAL DATA:

DIRECTION TOWARD WHICH CURRENT IS FLOWING (degrees magnetic):

TIME: EBB OR FLOOD?:

FLOW MTR REVS (start): (end): (diff):

MTR TIME (in water): (out): (diff):

REVS/MIN: SPEED:

COMMENTS ON CURRENT:

BUCKET TEMPERATURE °C: 21.0°

SALINITY BOTTLE NUMBER: 308 FIELD SALINITY:

(leave blank)

REMARKS (problems with equipment, etc.):

Ground Truth Data Summary Sheets

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049 no. 2
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	39	2010	1 0.6	25.13	9.9	22.158	2037	ø	ø
			2 0.8	26.42	9.98	23.361			
			3 0.9	28.12	9.72	25.204			
2 Carquinez	46	0110	1 0.2	18.36	10.54	15.430	0115	15.4	10.8
			2 1.4	18.78	10.57	15.803			
			3 1.0	18.48	10.6	15.515			
3 Benicia	40	2125	1 1.5	13.6	9.3	11.512	2135	7.7	10.0
			2 0.5	15.88	9.35	13.610			
			3 0.4	16.00	9.40	13.703			
4 Pt Chicago	45	2145	1 0.7	3.8	9.84	2.879	2145	2.4	10.7
			2 0.1	3.98	9.82	3.026			
			3 1.2	4.4	9.96	3.355			
5 Chipps Is.	45	2057	1 0.3	1.4	9.9	.976	2100	1.3	10.3
)			2 1.7	1.4	10.1	.970			
			3 1.6	1.4	10.2	.967			
6 Grizzly Bay	41	0050	1.3	1.69	8.94	1.234	0055	0.8	12.0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pedro	59	1925	1 0.6	3.1	10.36	2.283	1750	1.3	ø
			2 0.8	4.8	10.42	3.436			
			3 0.9	9.7	10.30	7.735			
2 Carquinez	59	1836	1 0.2	.25	10.11	.097	1835	1.3	ø
			2 1.4	.25	10.13	.097			
			3 1.0	.25	10.10	.097			
3 Benicia	59	1914	1 1.5	.20	10.4	.058	1915	0.6	ø
			2 0.5	.18	10.32	.044			
			3 0.4	.19	10.4	.051			
11 Richmond	59	2005	1 0.9	.15	10.31	.021	2000	0.6	ø
			2 1.1	.15	10.07	.022			
			3 1.2	.14	10.19	.014			
5 Alameda	59	2035	1 0.3	.12	9.68	.001	2020	0.4	ø
			2 1.7	.12	9.89	.003			
			3 1.6	.12	9.70	.001			
6 Dumbarton	59	2134	1 1.3	.14	9.91	.015	2124	ø	ø

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

no 2

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1			1 0.6	20.4	12.64	16.362	2235	7.18	14.1
			2 0.8	24.15	12.46	19.786			
			3 1.1	24.53	12.77	19.963			
2		0210	1 0.2	9.35	13.36	6.872	0200	5.26	
			2 1.4	11.02	13.40	8.199			
			3 1.0	15.43	13.35	11.834			
3	79		1 1.5	7.20	13.13	5.219	1416	2.68	15.3
			2 0.5	10.22	13.10	7.617			
			3 0.4	15.90	12.98	12.178			
11	79	1815	1 6.7	.37	13.96	.161	1800	0.15	14.4
			2 0.1	.36	13.97	.154			
			3 1.2	.33	14.13	.133			
	79	1905	1 0.3	.20	14.98	.042	1915	0.05	14.5
			2 1.7	.20	14.43	.044			
			3 0.9	.19	13.61	.040			
	79	2050	1 1.3	.21	13.9	.046	2035	2.19	16.5

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	94	1725	1 0.6	15.8	14.1	11.908	1918	7.6	15.5
			2 0.8	22.8	13.2	23.554			
			3 1.1	29.5	13.4	24.060			
2 Carquinez	94	1805	1 0.2	7.0	12.54	5,143	1833	3.7	15.
			2 0.4	7.39	14.64	5.162			
			3 1.0	12.15	14.56	9.902			
3 Benicia	94	[illegible]	1 [illegible]	2.6	15.2	1.661	[illegible]	1.6	15.
			2 0.5	4.8	14.4	3.230			
			3 0.4	14.6	14.4	10.841			
4 Pt Chicago	94	2000	1 [illegible]	0.21	14.1	.049	2015	.08	15.2
			2 0.1	0.21	14.1	.049			
			3 1.6	0.21	14.1	.049			
5 Chipps Is	94	2003	1 0.3	0.20	[illegible]	.043	2100	.09	15.0
			2 1.4	0.20	[illegible]	.042			
			3 0.4	[illegible]	14.2	045			
6 Grizzly Bay	94	[illegible]	1 1.3	0.20	[illegible]	[illegible]	2145	0.1	15.3

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	109	1855	1 0.6	22.13	14.2	17.173	2055	13.86	15.5
			2 2.5	23.7	13.99	18.781			
			3 1.1	27.5	13.72	21.959			
2 Corgwin 2	109	2255	1 0.2	7.45	14.81	5,184	2337	4.46	15.0
			2 1.4	7.28	14.94	5,040			
			3 1.0	7.45	14.90	5.172			
3 Benicia	110	1705	1 1.5	8 75	14.3	6.244	1845	6.14	15.5
			2 0.5	19.06	14.52	14,459			
			3 0.11	17.63	19.5	12.179			
4 Pt Chicago	110	2310	1 9.07	0.60	15.66	.302	0155 111	0.33	15.9
			2 3.67	0.64	15.7	.328			
			3 1.1	0.63	15.67	.322			
5 Chipps Is	110	2035	1 0.3	0.57	15.06	.288	2110	0.27	15.8
			2 [illegible]	0.55	15.4	.271			
			3 [illegible]	0.55	14.57	.280			
6 Grizzly Bay	111	0250	1 1.3	0.42	15.46	[illegible]	0230	0.77	15.6

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

no. 4

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	122	1620	1 0.6	22.18	15.7	17.060	1630	Ø	16.0
			2 0.8	30.94	14.88	24.407			
			3 1.1	31.46	15.18	24.671			
2 Carquinez	122	1716	1 0.2	17.5	16.2	12.619	1720	Ø	16.0
			2 1.2	17.68	16.30	12.729			
			3 1.0	17.71	16.25	12.769			
3 Benicia	122	1816	1 1.5	10.45	16.52	7.519	1825	Ø	16.8
			2 0.5	12.62	16.15	8.850			
			3 0.4	14.65	16.06	10.431			
4 Pt. Chicago	122	1917	1 0.7	3.77	16.69	2.385	1925	Ø	17.0
			2 0.1	0.08	16.64	-.039			
			3 1.6	4.46	16.57	2.863			
5 Chipps Is	122	2033	1 0.3	0.14	16.87	-.001	2014	Ø	17.2
			2 1.7	1.30	16.24	.542			
			3 0.9	0.97	16.12	539			
6 Grizzly Bay	122	2017	1 1.3	3.94	16.13	2.493	2119	Ø	18.5

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	138						1510	19.62	17.2
			blue box wet						
2 Carquinez	137	2002	1 1.0	16.38	17.9	11 256	2000	10.37	18.4
			2 0.1	15.7	17.9	10.747			
			3 2.0	16.4	18.0	10.498			
3 Benicia	137	2135	1 1.5	6.9	18.8	4.327	2140	4.285	19.2
			2 0.5	7.34	18.7	4.634			
			3 0.4	7.78	18.76	4.926			
4 Pt Chicago	137	2305	1 0.7	1.2	19.4	.633	2310	0.648	19.8
			2 1.7	1.2	19.3	.635			
			3 1.6	1.2	19.3	.635			
5 Chipps Is	138	0135	1 0.3	1.74	20.3	.942	0130	0.845	21.0
			2 1.7	1.75	20 75	.938			
			3 0.9	1.14	19.6	.977			
6 Grizzly Bay	138	0223	1 1.3	5.96	11.25	3.659	0215	3.624	19.8

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	151	1640	1 0.6	26.59	18.8	18.733	[illegible]	15.244	20.2
			2 vol:	—	-	—			
			3 1.1	32.4	17.7	23.932			
2 Carquinez	151	1740	1 0.2	16.98	19.0	11.399	1740	11.358	19.4
			2 0.1	16.35	19.02	10.933			
			3 1.0	16.27	19.03	10,872			
3 Benicia	151	1825	1 1.5	9.82	[illegible]	6.193	1825	6.320	20.0
			2 0.5	9.09	[illegible]	5.692			
			3 0.4	[illegible]	[illegible]	6.562			
4 Pt Chicago	151	1940	1 0.7	0.88	20.6	.422	1915	0.524	21.1
			2 1.4	0.87	20.8	.417			
			3 1.6	0.86	20.78	.411			
5 Chipps Is	151	2045	1 0.3	0.22	19.85	.040	2050	[illegible]	20.8
			2 1.7	0.23	20.35	.044			
			3 0.9	0.21	18.94	.037			
6 Grizzly Bay	151	2150	1 1.3	1.47	21.3	.761	[illegible]	[illegible]	[illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Nicolas	166	1335	1 0.6	33.6	17.73	24.897	[illegible]	[illegible]	18.0
			2 1.2	35.85	17.41	29964			
			3 1.1	36.38	17.6	27.279			
2 Carquinez	164	1640	1 0.2	22.62	20.1	15.201	1635	14.506	20.5
			2 0.1	22.08	[illegible]	14.800			
			3 1.0	24.51	20.12	16.588			
3 Benicia	164	2000	1 1.5	11.02	21.22	6.764	1950	7.133	22.0
			2 0.5	10.79	21.15	6.622			
			3 0.4	11.16	208	6.924			
4 Pt Chicago	165	1710	1 0.7	9.0	20.8	5.490	1740	[illegible]15 3	21.2
			2 1.4	10.0	208	6.150			
			3 1.6	10.65	2076	6.589			
5 Chipps Is	165	0130	1 0.3	4.2	21.9	2.365	[illegible]	2.214	22.5
			2 1.7	4.15	22.35	2.311			
			3 0.9	4.0	21.0	2.291			
6 [illegible] Bay	165	1835	1 [illegible]	4.27	[illegible].5	5.857	[illegible]0	[illegible]	20.0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 Sandholm	178	1643	1 0.6	30.0	18.23	21.697	1635	21.426	18.0
			2 1.2	30.05	18.23	21.737			
			3 1.1	29.92	18.67	21.404			
2 Sandpiper	178	1758	1 0.2	20.67	18.67	14.248	1745	15.5	19
			2 0.1	20.37	18.68	—			
			3 1.0	21.32	18.70	14.730			
3 Conclin	178	1855	1 1.5	12.33	17.17	8.015	1845	7.854	19
			2 0.5	12.25	17.10	7.957			
			3 0.4	12.60	17.16	8.208			
4 Nelson	178	2112	1 0.7	4.12	20.4	2.398	2104	2.451	21
			2 1.4	4.11	20.3	2.392			
			3 1.6	4.15	20.35	2.420			
5 Collins	178	2207	1 0.3	4.02	20.75	2.317	2159	2.193	21.2
			2 1.0	5.2 !	80 !	15.601			
			3 0.9	4.04	19.12	2.134			
6 Gull	178	2258	1 1.3	5.11	19.27	3.501	2247	3.164	20.4

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
[illegible]	198	[illegible]	[illegible]	[illegible]	[illegible]	22.823	[illegible]	25.2[illegible]	19.75
			2 12	[illegible]	[illegible]	24.226			
			3 [illegible]	[illegible]	[illegible]	24.340			
2 [illegible]	198	2313	1 0.2	[illegible]	[illegible]	8.825	2314	10.707	21.5
			2 0.1	[illegible]	[illegible]	-0.093			
			3 1.0	20.12	[illegible]	13.[illegible]			
3 Sonicau	194	[illegible]	[illegible]	[illegible]	[illegible]	10.080	1915	13305	∅
			2 0.5	[illegible]	[illegible]	10.450			
			3 0.4	[illegible]	[illegible]	9.819			
4 A Colregs	194	2329	[illegible]	[illegible]	[illegible]	4.685	2313	5.286	∅
			2 1.4	7.56	[illegible]	4.403			
			3 [illegible]	7.2	[illegible]	4.216			
5 Chapps Is	199	1732	1 0.8	[illegible]	[illegible]	3.230	1733	5.571	22.0
			2 3.3	[illegible]	[illegible]	3.790			
			3 [illegible]	[illegible]	[illegible]	5.887			
6 [illegible]	199	2150	1 1.3	5.82	[illegible]	3.432	[illegible]	7.776	23.0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

no. 2

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	218	1052	1 0.6	32 53	19 7	22.905	1640	22 896	20.0
			2 1.2	34 75	19 47	24 778			
			3 1.1	34.06	19 83	24.026			
2 Carquinez	218	1815	1 0.2	20.26	20 14	13,458	1800	14.701	20 0
			2 0.1	21 14	20.05	14.343			
			3 1.0	21 12	20.01	15.407			
3 Benicia	218	2215	1 1.5	20.15	19 98	13.428	2215	14 596	20 2
			2 0.5	22 25	19 96	14 978			
			3 0.4	20 70	19 75	13 840			
4 Pt Chicago	219	0115	1 0.7	2.6	52 5!	.791	0106	8 452	22.2
			2 1.4	13.78	20.58	8,685			
			3 0.5	008	3.33!	-.018			
5 Chipps Is	218	2345	1 0.8	8.70	21.5	5.209	2330	4 951	22.2
			2 0.3	9.70	20 92	5.935			
			3 1.25	9 57	21 1	5 822			
6 Grizzly Bay	219	0450	1 1.3	9 58	21.1	5 832	0435	9.676	21.7

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

mo 7

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	234	1917	1 0.6	30.85	17.63	21.636	1914	24.285	21
			2 1.7	33.12	19.5	23.477			
			3 1.1	33.78	19.49	24.001			
2 Carquinez	234	2330	1 0.2	32.62	20.25	22.678	2325	22.402	20.5
			2 0.1	29.99	20.24	20.670			
			3 1.0	30.71	20.24	21.372			
3 Benicia	235	1618	1 1.5	15.10	20.21	9.746	1602	13.348	20.1
			2 0.5	18.01	20.22	11.809			
			3 0.4	13.08	20.2	8 339			
4 Pt Chicago	236	0210					0200	9.657	21.0
			2 1.4	13.15	20.8	8.271			
5 Chipps Is	235	2316	1 0.8	4.4	21.6	2.583	2310	4.823	21.0
			2 .3	6.0	21.11	3.528			
			3 1.2	4 14	21.5	2.350			
6 Grizzly Bay	235	2025	1 1.3	4 9	20 87	2.856	2030	7.444	20.8

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
San Pablo	260	1105	1 3.6	3428	2105	23.569	1055	24.810	21.0
			2 1.7	3544	2056	25.065			
			3 1.1	3545	2097	24.450			
2 Carquinez	260	1135	1 0.2	2128	2105	18.016	1145	17.273	22.0
			2 0.1	2813	2156	18.675			
			3 1.0	2906	2156	19.357			
3 Benicia	261	0105	1 1.5	1886	2119	11.902	0040	14.78	22.4
			2 0.5	1948	2116	12.751			
			3 0.4	2079	2175	13.334			
4 Pt Chicago	260	2040					2000	11.209	22.2
			2 1.4	1405	2156	9,079			
			3 0.9	1301	2104	8.599			
5 Chipps Is	260	2310	1 0.8	716	2201	4,444	2243	4.087	22.8
			2 0.3	987	2204	5.846			
			3 1.2	830	2200	4,832			
6 Grizzly Bay	261	0005	1 .3	842	2203	4,938	0000	8.594	22.8

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

no. 8

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo									
			no	blue boy readings			no ground truth		
2 Carquinez									
3 Benicia									
4 Pt Chicago									
5 Chipps Is									
6 Grizzly Bay									

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	307	0150	1 0.6	29.2	16.5	21.977 22.09	0130	21.99	16.8
			2 1.7	29.5	16.5	22.2[illegible]			
			3 1.1	29.3	16.6	22.005			
2 Carquinez	307	0025	1 0.2	27.18	16.48	20.31[illegible] 20.41	0030	19.79	17.0
			2 1.1	27.33	16.60	20.[illegible]			
			3 1.0	27.4	16.22	20.[illegible]			
3 Benicia	306	2100	1 1.5	24.6	16.67	18.117 18.21	2035	16.47	17.0
			2 0.5	6.16	16.67	4.599			
			3 0.4	-.03	16.3	∅			
4 [illegible]	306	2[illegible]0	1 0.[illegible]	15.[illegible]5	15.2	11.217 11.26	[illegible]10	8 0[illegible]	16.8
			[illegible] 1.4	16.[illegible]	[illegible].7	11.532			
			3 1.6	16.5	16.3	11.804			
5 Chipps Is.	306	1830	1 [illegible]	4.02	16.8	2.957 2.99	1810	2.14	16.5
			[illegible] [illegible].1	4.08	16.3	3.035			
			3 1.2	3.0	16.1	3.274			
6 Grizzly Bay	310	2030	1 [illegible]	10.14	15.9	9.346 9.48	no	[illegible]mparable	data

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049

GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	332	[illegible]45	1 [illegible]	26.1	12.9	21.300 21.35	0040	∅	13.0
			2 [illegible]	29.9	13.1	24.214			
			3 1.1	29.7	[illegible].2	24.3[illegible]			
2 Carquinez	331	2352	1 0.2	14.4	[illegible].1	11.527			13.0
			2 0.1	14.3	[illegible].1	11.467			
			3 1.0	5.3	[illegible].2	[illegible].928			
3 Benicia	331	2324	1 1.5	[illegible].11	[illegible].5	[illegible].3[illegible]			13.0
			2 0.5	2	13	1.324			
			3 0.3	14.3	12.7	[illegible].241			
4 Pt Chicago	332	2335	1 0.3	3.7	11.1	[illegible].[illegible]3			13.0
			2 1.4	4.6	12.7	3.420			
			3 0.1	5	11.9	3.[illegible]2			
5 Chipps Is.	331	2020	1 1.8	3.1	12.9	[illegible].281			13.0
			2 0.8	3.8	12.6	2.671			
			3 1.2	3.4	13.5	2.754			
6 Grizzly Bay	333	0010	1 1.2	41.5	11.9	3.260			12.3

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	345	1410			12.8	23.108 23.16	1855	19.36	12.5
						29.686			
				31.7					
2 [illegible]	345	2250		18.5	12.5	14.71	2230	14.72	12.5
						14.978			
						15.403			
3 Benicia	345	2315				9.149 9.17	2345		12.5
					2.5	3.456			
			2.0			-.047			
4 [illegible]	346								
			Filter						
5 Chains Is.	346						1455	3.81	11.9
6 [illegible]	346								

Wire box broke

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

no. 12

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
[illegible]	361						315	16.81	9.5
		blue box broken							
2 Carquinez	361						2252	15.54	9.5
		blue box broken							
3 Benicia	361								
		blue box broken						no ground truth	
4 Mt [illegible]	361						1154	4.23	9.5
		blue box broken							
5 [illegible]	360	2115	[illegible]	2.[illegible]	[illegible]	2.150	2100	2.[illegible]	10
			[illegible]	2.35	[illegible]	2.142			
			[illegible]	2.15	[illegible]	2.198			
6 [illegible]	360	1943	1 1.3	3.45	[illegible]	5.065	1900	5.17	9.5

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	10	2005		blue	box broken		1955	10.67	9.6
2 San Pablo	10						2058	10.93	10.0
				blue	box broken				
3 Benicia	10						2200	~.034	9.7
				blue	box broken				
4 Carquinez	1						2259	~.026	9.6
				blue	box broken				
5 Grizzly Is	11						0230	~.009	9.5
				blue	box broken				
6 Grizzly Is	11			blue	box broken		0230	~.038	9.2

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

mo. 13

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	29								
		Station vandalized.							
2 [illegible]	29	2235	1 0.2	5.2	9.3	4.085 4.09	2230	[illegible]	9.3
			2 0.1	5.1	[illegible]	3.940			
			3 1.0	5.[illegible]	[illegible]	4.042			
3 San [illegible]	29	2245	1 1.5	.12	[illegible]	.6211 .62	2240	[illegible]	9.0
			2 0.5	.[illegible]5	[illegible]	.254			
			3 0.2	5.0 I double checked this	[illegible]	3.943 (.50 = .247)	?		
4 [illegible]	30	2408	1 0.3	.11	15.1	-.018	2355	-.001	9.9
			2 1.7	.12	8.6	.003			
			3 1.6	.11	[illegible]	-.004			
5 [illegible]	30	1835	1 1.8	.12	[illegible]	.005	1812	.31	9.5
			2 0.8	.12	[illegible]	.006			
			3 1.2	1.2	[illegible]	(12 = .005) [illegible]	?		
6 [illegible]	30	2012	1 1.5	[illegible]	[illegible]	.036	[illegible]	[illegible]	[illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

mo 14

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pedro									
			—	OUT	—				
2 Sarasinez	45	[illegible]0	[illegible]	14.8	[illegible]	12.108 12.12	[illegible]	[illegible]8	10.8
			[illegible] 1.1	19.6	[illegible]	16.234 16.26			
			[illegible] 1.0	20.8	[illegible]	12.515			
3 Benicia	45	1945	1 1.5	15.8	[illegible]	12.967 12.99	[illegible]	[illegible]	11.0
			2 0.5	[illegible]	[illegible]	1.551			
			[illegible] 0.4	[illegible]	[illegible]	14.304			
4 Pt. Chicago	45	2044	1 [illegible]	[illegible]	[illegible]	5.692 5.71	[illegible]	[illegible]	10.4
			[illegible]	[illegible]	[illegible]	6.610			
			[illegible]	[illegible]	[illegible]	6.622			
5 Chipps Is.	45	2131	[illegible]	[illegible]	[illegible]	.891 .89	2115	.45	10.0
			2 0.8	[illegible]	[illegible]	[illegible]			
			3 1.2	[illegible]	[illegible]	3.117			
6 Grizzly Bay	45	2235	[illegible]	[illegible]	[illegible]	2.378 2.38	2218	[illegible]	[illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

mo. 14

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
San Pablo									
				—— OUT	——				
2 Carquinez	58	0010	1 0.2	.13	11.50	.004	0040	-.01	12.0
			2 1.7	.14	11.50	.011			
			3 1.0	.14	11.53	.012			
3 Benicia	58	2210	1 1.5	.13	11.51	.003	2220	-.01	12.1
			2 1.1	.13	11.52	003			
			3 2.5	.13	11.54	.004			
4 Pt Chicago	58	no disc bx readings					missing salinity sample		
		recorder would not initialize							
5 Chipps Is.	58	1435	1 1.8	.12	12.0	-.005	1450	-.004	12.2
			2 0.8	.13	11.9	.003			
			3 1.2	.12	11.9	-.004			
	58	2310	1 1.3	.11	11.7	-.011		-.01	12.4

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

mo. 15

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	72	1535							
2 Carquinez	72	1355	1 [illegible]	1.75	[illegible]	1.168 1.17	[illegible]	[illegible]	12.3
			[illegible]	[illegible]	[illegible]	[illegible]			
			[illegible]	[illegible]	[illegible]	3.69			
3 Benicia	72	1905	1 [illegible]	[illegible]	[illegible]	.016 .016	[illegible]	.005	12.5
			2 [illegible]	[illegible]	[illegible]	.016			
			3 [illegible]	[illegible]		.017			
4 Pt Chicago	72	2035	1 3.6	[illegible]	[illegible]	.009	2043	.00	[illegible]
			2 1.4	[illegible]	[illegible]	.009			
			3 1.6	[illegible]	??	.003			
5 Chicago Is	72	2305	1 1.8	[illegible]	[illegible]	.009	2315	[illegible]	2.3
			2 0.8	[illegible]	[illegible]	.010			
			3 1.2	[illegible]	[illegible]	.010			
6 Grizzly Bay	73	1005	1 1.3	[illegible]	[illegible]	.015	[illegible]	[illegible]	[illegible]

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	81	0040	1 1.5	probably wrong see Bridge Data		3.534			
			2 1.0			15.200			
			3 [illegible]		12.83	19.588			
2 Carquinez	85	0000	blue box broken				2330 84	2.293	12.4
3 Benicia	84		blue box broken				[illegible]25	1.319	[illegible]
4 Pt. Sur[illegible]	84		blue box broken				[illegible]55	.018	12.2
5 [illegible]	84		blue box broken				2133	.014	11.8
[illegible]	85	1735	1 1.3	1.7	12.10	1136	[illegible]8	.015	12.0

CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	101	1709	1 1.5	26.05	12.27	21.614	1700	11.565	13.5
			2 0.1	28.8[illegible]	[illegible]	24.447			
			3 1.0	30.32	11.72	25.931			
2 Carquinez	101	~1800	1 0.2	14.78	13.42	11.271	[illegible]00	10.947	15.8
			2 1.7	15.6	13.53	11.920			
			3 0.1	16.90	12.22	13.047			
3 Benicia	101	1907	1 0.3	10.[illegible]	[illegible]	6.545	1904	3.648	14.2
			2 0.5	[illegible].31	13.[illegible]	10.84[illegible]			
			3 0.2	[illegible]	12.31	13.24[illegible]			
4 Mt. Chicago	101	2005	1 0.6	3.[illegible]	14.01	2.134	2000	.166	15.0
			2 1.7	[illegible].34	15.95	3.413			
			3 1.6	5.40	13.54	4.015			
5 Chipps Is.	101	2145	1 1.8	.16	[illegible]	.018	2055	.023	14.6
			2 0.9	.16	[illegible]	.015			
			3 1.2	.16	[illegible]	.019			
[illegible] Bay	101	2242	1 1.3	.22	16.26	.051	2240	.052	16.5

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GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	121								
			no blue box values				no ground truth		
			(station dismantled)						
2 Carquinez	119	2125	1 0.2	21.69	15.08	16.422	2110	4.72	15.8
			2 1.4	22.04	15.19	16.664			
			3 1.0	21.26	14.94	16.206			
3 Benicia	121	2045	1 1.5	7.20	16.38	4.804	2045	2.32	17.4
			2 0.5	7.58	16.20	5.099			
			3 (0.4) 0.5	7.33	16.54	4.724			
4 Pt. Chicago	121	2315	1 0.6	3.88	16.30	2.378	2140	1.47	16.8
			2 1.0	3.33	16.30	1.814			
			3 1.1	3.82	16.44	1.126			
5 Chipps Is.	122	0005	1 1.8	.36	18.31	.131	0010	0.088	18.0
			2 (0.8) 0.7	.36	17.85	.133			
			3 1.2	.36	17.69	.134			
6 Suisun Bay	122	0104	1 1.3	1.68	17.44	.933	0130	0.500	17.8

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GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
[illegible]		- Station out -							
2 [illegible]	137	2135	1 2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			2 1?	[illegible]	[illegible]	[illegible]			
			3 8.1	[illegible]	[illegible]	[illegible]			
3 [illegible]	140	1820	[illegible]	[illegible]	[illegible]	[illegible]	1801	[illegible]	Ø
			2 [illegible]	[illegible]	[illegible]	[illegible]			
			3 [illegible]	[illegible]	[illegible]	[illegible]			
4 [illegible]	138	0105	1 [illegible]	[illegible]	[illegible]	[illegible]	0052	[illegible]	Ø
			2 [illegible]	[illegible]	[illegible]	[illegible]			
			3 [illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	0015	1 18	[illegible]	[illegible]	[illegible]	0010	[illegible]	Ø
			2 [illegible]	[illegible]	[illegible]	[illegible]			
			3 12	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2351	[illegible]	[illegible]

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GROUND TRUTH SUMMARY

mo. 17

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 [illegible]									
		– station out							
2 Carrabelle	154	[illegible]	2	9.70	[illegible]	[illegible]	1515	[illegible]	16.0
			2	15.42	[illegible]	1.027			
			3	10	[illegible]	[illegible]			
3 Bon 12a	154	1640	1	.5	[illegible]	9.417	1614	[illegible]	16.0
			2	3.5	[illegible]	9.441			
			3	[illegible]	[illegible]	[illegible]			
4 [illegible]	154	1735	1	[illegible]	[illegible]	[illegible]	1726	[illegible]	17.0
			2	0.3	[illegible]	17.28			
			3	1.1	[illegible]	[illegible]			
5 [illegible]	155	1 18		[illegible]	[illegible]	[illegible]	1805	[illegible]	17.5
		2 [illegible]	2	0.6	[illegible]	[illegible]			
		[illegible] 2	3	[illegible]	[illegible]	[illegible]			
6 [illegible]	154	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1938	[illegible]	17.5

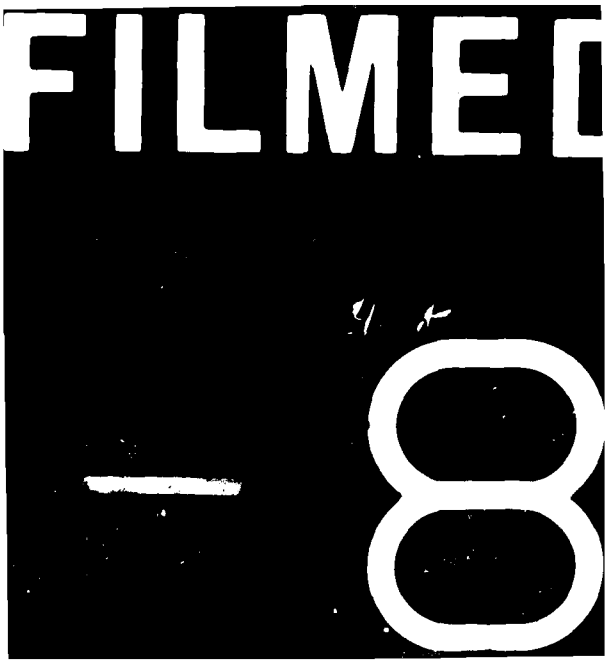
CORPS OF ENGINEERS PROJECT DACW07-78-C-0049
GROUND TRUTH SUMMARY

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
1 San Pablo	172		1 0.9	not [illegible]			2100	10.96	19.1
			2 1.4	[illegible]					
			3 1.6						
2 [illegible]	172	0825	1 1.07	5.814	[illegible]	3.687	1500	10.66	18.3
			2 16.4	7.35	18.32	5.095			
			3 [illegible]	6.67	[illegible]	4.266			
3 [illegible]	172	1355	1 15.12	7.85	18.57	5.000	1315	4.27	18.8
			2 [illegible]50	12.05	18.51	7.943			
			3 5.58	6.42	18.24	4.059			
4 [illegible]	172	0006	5.9	.35	20.24	.115	2345 171	0.25	20.3
			2 [illegible]31	.36	20.08	.122			
			3 [illegible]88	.36	20.34	.121			
5 [illegible]	171	2240	1 [illegible]8.0	.23	20.35	.0441	2230	0.20	20.1
			2 [illegible]6.26	.24	19.9	.052			
			3 [illegible]6.06	.24	19.9	.052			
6 Grizzly Bay	171	2030	1 13.12	1.80	19.95	.987	2025	1.30	21.0

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GROUND TRUTH SUMMARY

no. 18

Station No.	Julian Day	Interrog. Time (GMT)	Meter Level, ID	Conductiv.	Temp.	Calculated Salinity	Field GMT	Sample Salinity	Temp.
San Pablo	176	[illegible]	1 1.9	[illegible]	16.35	23.894		no	
			2 1.6	[illegible]	14.55	21.212	ground truth		
			3 0.8	0.02	12.13	-.097			
2 Carquinez									
		no blue box							
3 Benicia									
4 Chipps									
5 Chipps Is									
6 Grizzly Bay									


FILME
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