

Texas A&M University

Department of
OCEANOGRAPHY

AD 674916



HYDROGRAPHIC STATION DATA,
GULF OF MEXICO

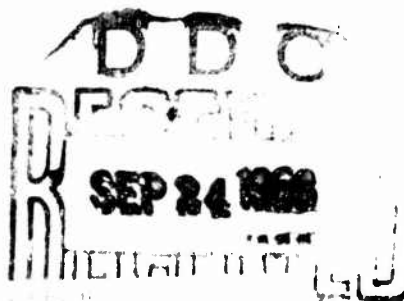
August-November STD, 1965-1967

by

Dale F. Leipper

Office of Naval Research
Contract Nonr 2119(04)
A&M Project 286-4

Reference 68-14T
August 1968



Research Conducted
through the
Texas A&M
Research Foundation
College Station, Texas

THE TEXAS A&M UNIVERSITY
DEPARTMENT OF OCEANOGRAPHY
College Station, Texas

Research conducted through the
TEXAS A&M RESEARCH FOUNDATION

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NOTES ON THE OVER-ALL PROGRAM

This is one of four data reports based primarily upon cruises conducted by the author. A fifth report is planned for Cruise 68-A-8 (August 17 - September 5, 1968). The data represent hydrographic casts obtained either with the standard Nansen bottle and reversing thermometer equipment or with the Bissett-Berman salinity-temperature and depth data acquisition system (STD), model 9006. The computer program which was used is reproduced in report number 68-15T. The numbered columns which are tabulated represent the following quantities: (See table following page).

The series of cruises was planned in an effort to get synoptic pictures of the temperature-depth structure of the Gulf in the various seasons. The primary emphasis was in the warmest and coldest parts of the year, usually August and February. Cruises were limited by ship time available. This was of the order of 14 to 20 days for each cruise. Because of the short duration of the cruises, primary emphasis was placed upon the observation of the east Gulf loop current with only occasional lines of stations in the west Gulf. Standard lines of observations were repeated on successive cruises where feasible and the positions of the lines were chosen to best describe features of the flow at given times. Working Reports prepared during the cruises are available for most of them.

3

Column NumberQuantity Tabulated

(at Observed Depths)

1	Z m
2	T °C
3	S ‰
4	O ₂ ml/L

(at Standard Depths)

5	Z m
6	T °C
7	S ‰
8	σ_t g/L

(Computed Quantities)

9	$10^5 \delta_{S, T}$
10	$10^5 \delta_{S, T, p}$
11	V _s m/sec
12	$\Sigma \Delta D$ dyn. m.
13	$\Sigma \Delta Q$ m ³ /sec

The track of each cruise is shown by a plot of positions where BTs and hydrographic casts were made. There is one consecutive numbering system for BTs and another which applies to stations whether they be made by Nansen cast or STD. Symbols indicate the various types of stations. The direction in which the ship headed is indicated by increasing station numbers.

The Nansen cast data, being standard in form and in processing method, are presented separately in two reports, one representing primarily the late summer (to November in one instance) and the other late winter. The STD data appear under separate covers, again with one report for each of the extreme seasons. There is as yet no accepted procedure for handling STD data. However, a general approach will be outlined and specific comments will be made concerning the STD data from the different cruises.

On many of the casts using the STD, Nansen bottles were attached to give an indication of the accuracy of the STD instrument. In other instances, a full Nansen cast was made as well as an STD. In the later cruises the practice became standard of taking STD casts at three-hour intervals and adding a Nansen cast at every fourth STD station.

Considerable attention was given to the desirability of applying to STD salinity data the correction which is dependent upon rate of descent

and vertical temperature structure. The lag of the instrument is apparently about one-third of a second. Thus the temperature gradients involved would be those over depth increments of the order of one-third meter. Such gradients often vary widely and it would be expected that corrections based upon such gradients would be erratic. Use of temperature gradients over greater depth increments would be meaningless unless the gradient was almost constant. Our studies indicate that this is not the case and we have chosen to present uncorrected salinity data from the STD. One type of error has been noted which increased in magnitude almost linearly with pressure from zero at 400 to 500 m to about $0.04^{\circ}/\text{oo}$ at 1200 m. Indicated salinities on the STD are too high. Further studies are needed on this subject.

On Cruise 68-A-2, all STD data were recorded on magnetic tape by Mr. Dan Blenis and Mr. James Shull of the NASA Mississippi Test Facility. Observations were utilized at intervals of 20 milliseconds, and five such points were averaged and plotted, thus giving a point representing every 0.1 seconds on the graph. When the salinity correction was applied to such points the scatter of the resulting plot - or the "noise" introduced - indicated that the uncorrected data were probably better than the corrected ones. For this particular cruise the data have been processed and plotted in various forms by computer. Available are temperature-depth and

salinity-depth plots from 0 to 150 m, 0 to 300 m, and 0 to 1200 m.

Also, there are T-S diagrams, comparative plots of temperature-depth and density-depth, and cross sections of temperature and salinity.

The objectives in early cruises of the series were to describe in the top 300 m of the Gulf the temperature structure in the various seasons with a view to learning to forecast this structure. Thus, in some of these early cruises, data were obtained primarily with the Bathythermograph (BT) and in some instances with the towed thermal chain (TT), an observation cable containing 32 thermistors placed at 25' intervals. With these instruments data collection was limited to the upper 300 m. As the importance of advection in forecasting thermal structure became clear, it was decided that the small amount of added time required to run stations to 1200 m at regular intervals for geostrophic computations of current was well justified and such observations were made in the later cruises of the series.

It is the intent to deposit these hydrographic data in the National Oceanographic Data Center. However, the preparation and limited distribution of this report series was indicated for several reasons:

1. There has been but little hydrographic data available in the late summer in the Gulf and it would be convenient to have this data set under one cover.

2. The cruises are all part of a planned series conducted primarily by one Principal Investigator for a given purpose.
3. Persons planning to participate in the proposed intensive investigations in the Gulf in the near future might find such a data compilation valuable.
4. It was believed important that all of the STD data be presented in some standard form which would be useful to other investigators.

The major advantage of the STD observation is that it makes a record which is continuous with depth. However, how to utilize such observations to the maximum advantage and how to fit them in with other types of data are still open to question. Thus, we have extracted data from the STD records at or near the accepted standard depths and, from this point, have processed them in an identical manner to that used for Nansen cast data. The original STD records are of course available and may be used for studies requiring more detailed observations of the vertical temperature and salinity structures. For geostrophic computations it would be desirable to obtain a mean density for the water column utilizing the entire trace of the STD. However, if this were done, the dynamic heights computations would not be statistically comparable to those based on Nansen cast data and it has not been done in this report.

Considerable work has already been done with the data presented here and supplemental information is available from the author and from the file at Texas A&M University. A discussion of the ocean current patterns during the periods of many of the different cruises may be obtained from Leipper [1967], "A Sequence of Current Patterns in the Gulf of Mexico", Reference 67-9, or from the modified version of this which has been submitted for publication. Distribution of this report has been limited because of its specialized nature. Those not receiving copies but having need for them may submit requests to the Defense Documentation Center (see distribution list).

STANDARD PROCEDURE

1. The STD or Nansen data were read and put on summary sheets.
2. T-S curves were drawn and necessary corrections made.
3. Data cards were punched and checked against the summary sheets.
4. Header cards were punched and checked against the Captain's log.
5. The data were run on a computer program which interpolated the data to standard depths and calculated other parameters. (See report number 68-15T for the computer program. This is a slightly modified version of a program developed by Dr. Worth D. Nowlin, Jr.)

NOTES ON INDIVIDUAL CRUISES

65-A-1.

The primary instrumentation on this cruise was the thermal tow. Both an analogue and a digital record were made of the data. Nansen casts were taken for calibration purposes but these required the retrieval of the TT system and thus only four stations were taken. The BT was used for 151 observations, usually made by lowering while the TT was being towed, thus obtaining duplicate information in the upper 300 meters for checking. The STD was not yet available. Strong easterly winds over the entire Gulf made it necessary to alter the cruise plan and disrupted the work on the westerly leg between BTs 132 and 135. The pattern of the major current can be seen, as it can for all cruises included in this data report, on the figure presenting the topography of the 22 C isothermal surface. (On one cruise, 68-A-2, the Gulf was colder than usual and the 18°C surface was used.) On these charts the dashed lines indicate that data were insufficient to define the topography well. The solid lines are more firmly determined.

65-A-11.

The object of the portion of this cruise between stations 3 and 18 was to measure the condition of that part of the Gulf undisturbed by

hurricane passage so that observations on the identical lines made the previous year after hurricane Hilda could be compared. The remainder of the cruise was to describe the east Gulf loop as best it could be done in the time available. The TT was again the primary instrumentation although 30 Nansen casts and 309 BT observations were made. By this time it was known that BTs and the TT clearly indicated the position of the loop and the only Nansen stations taken were in clearly indicated water masses within the loop, within the detached eddy and in the waters outside both of these. Stations 25, 26 and 27 were chosen as standard locations to be repeated on other cruises when feasible. The STD was not available for use on this cruise. At station 23 on this cruise the surface Nansen bottle was lost and surface data were taken by bucket.

65-A-13.

This was not a planned part of the series. However, the passage of hurricane Betsy disrupted the original plans for use of the ship by other scientists and the ALAMINOS became available to the author. Since the hurricane crossed three lines of observations just completed was decided to repeat the identical lines to measure changes caused by the passage of the storm. Two additional lines were made to complete a better description. The data included 322 BTs and 63 Nansen casts. Station 50 was deleted because the data appeared faulty.

From this time forward the TT was not used. A better picture could be obtained from BTs supplemented by hydrographic casts. Little time was saved by the TT. Although it could provide data while the ship was underway, it required a ship speed of less than eight knots for observations to 275 meters depth.

66-A-3.

This cruise was only eleven days. Observations included 66 hydrographic casts with Nansen bottles and 242 BTs. Due to a shift in numbering stations, no station number 10 was made. The STD was not available. Lines were extended to the northern coast to measure winter cooling near shore and to obtain sections off the Mississippi River.

66-A-11.

Here, for the first time in this series, the STD was used. Both an analogue and a digital record were made. With this instrument 94 casts were made while there were 11 Nansen casts and 172 BTs. At station 3 (Nansen cast) the surface salinity sample was lost and the recorded value was read from the STD. All STD data for this cruise were read from the analogue record. The records for stations 38 and 39 were apparently lost.

66-A-15.

This cruise was conducted in two legs with the change occurring in Key West, Florida. From this point, Prof. John Cochrane served as chief scientist. The consecutive numbering system terminated at Key West and the consecutive numbers of the second leg may be identified by their being underlined. Bad weather made it impossible to obtain Nansen casts between the positions of stations 26 and 27. On Leg I, 29 Nansen casts and 168 BT observations were made. Surface salinity for station 26 was obtained by bucket sample. The STD was not available for use on Leg I. On Leg II, for inclusion in this report there were available 9 STDs, 12 Nansen casts and 156 BTs. All STD data for this cruise were read from the Dymec digital print-out.

67-A-1.

These legs across the Gulf were made respectively at the beginning and ending of a longer cruise to the equatorial Pacific. Leg I was laid out in view of what had been observed on the preceding cruise, 66-A-15. It was hoped to cross the major components of the current system. Only BTs were made on Leg I. On Leg V returning, STDs to 300 m and BTs were made. The STD data were read from the analogue.

67-A-6.

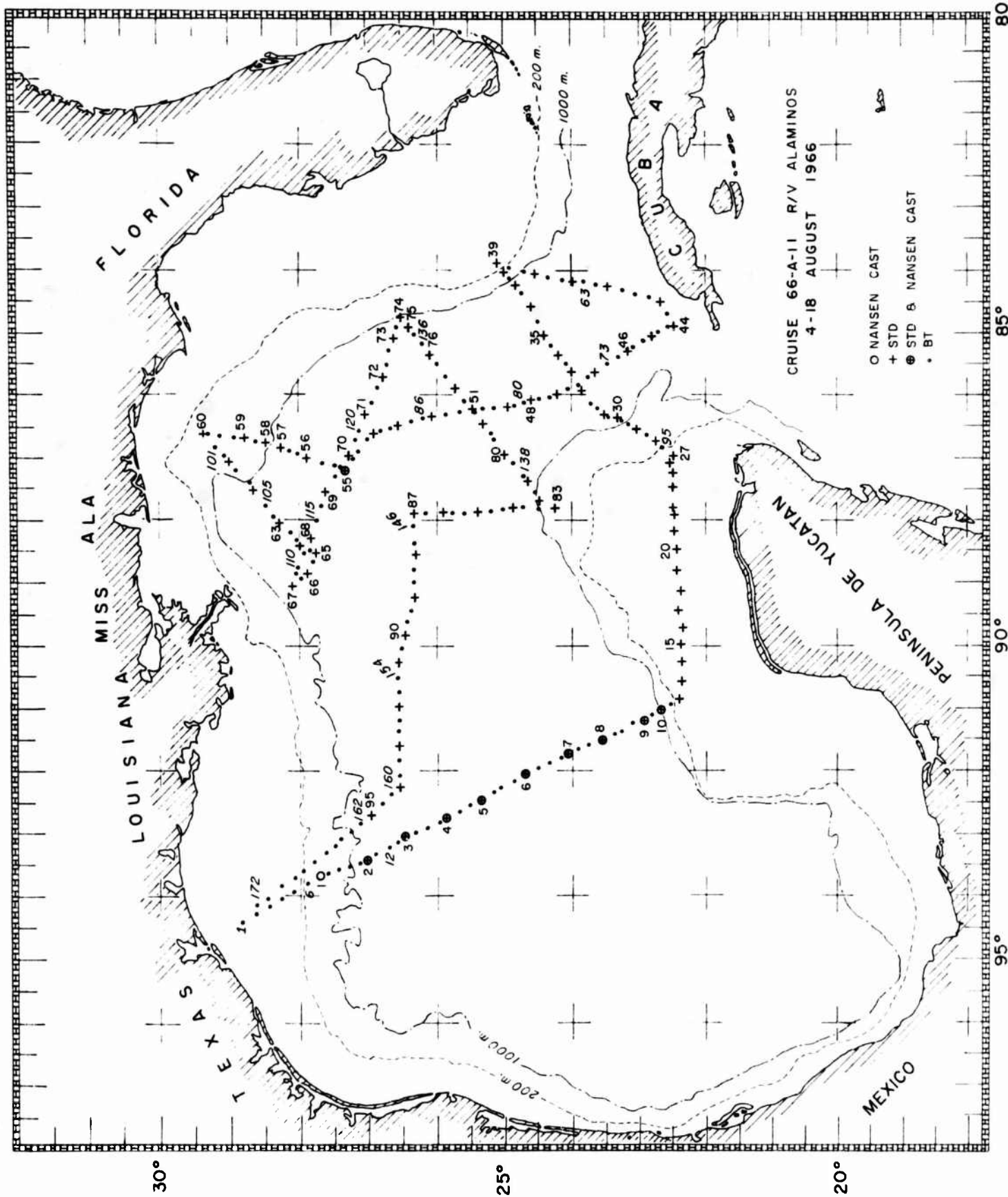
There were 18 days available for the work of this cruise allowing considerably better coverage of the loop current than in the previous shorter cruises. Observations included 112 STDs, 31 Nansen stations, and 265 BTs. The STD were read off the analogue after many attempts to process the punched paper tape proved unsuccessful. Stations 4 and 93 involved only biological data.

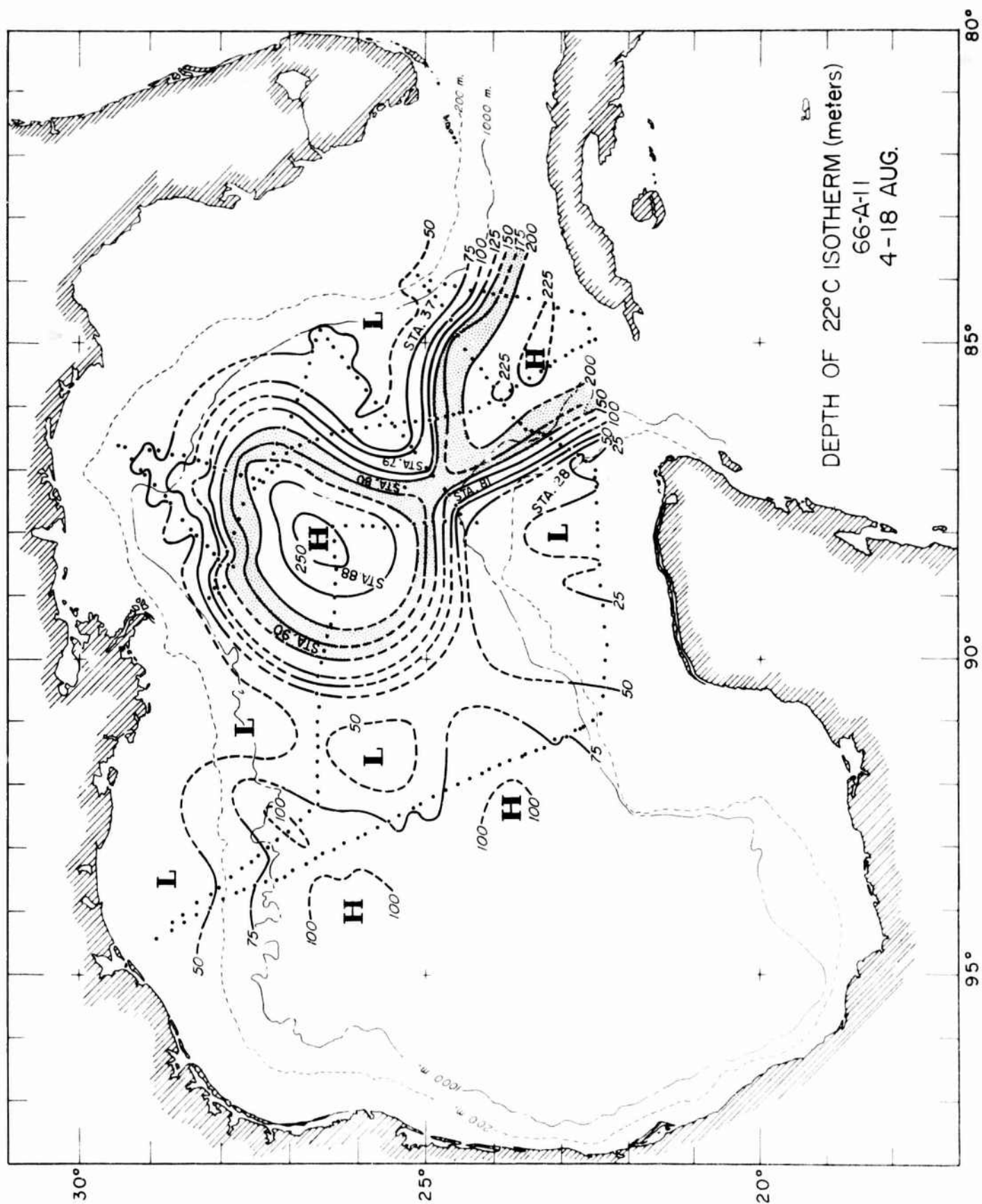
68-A-2.

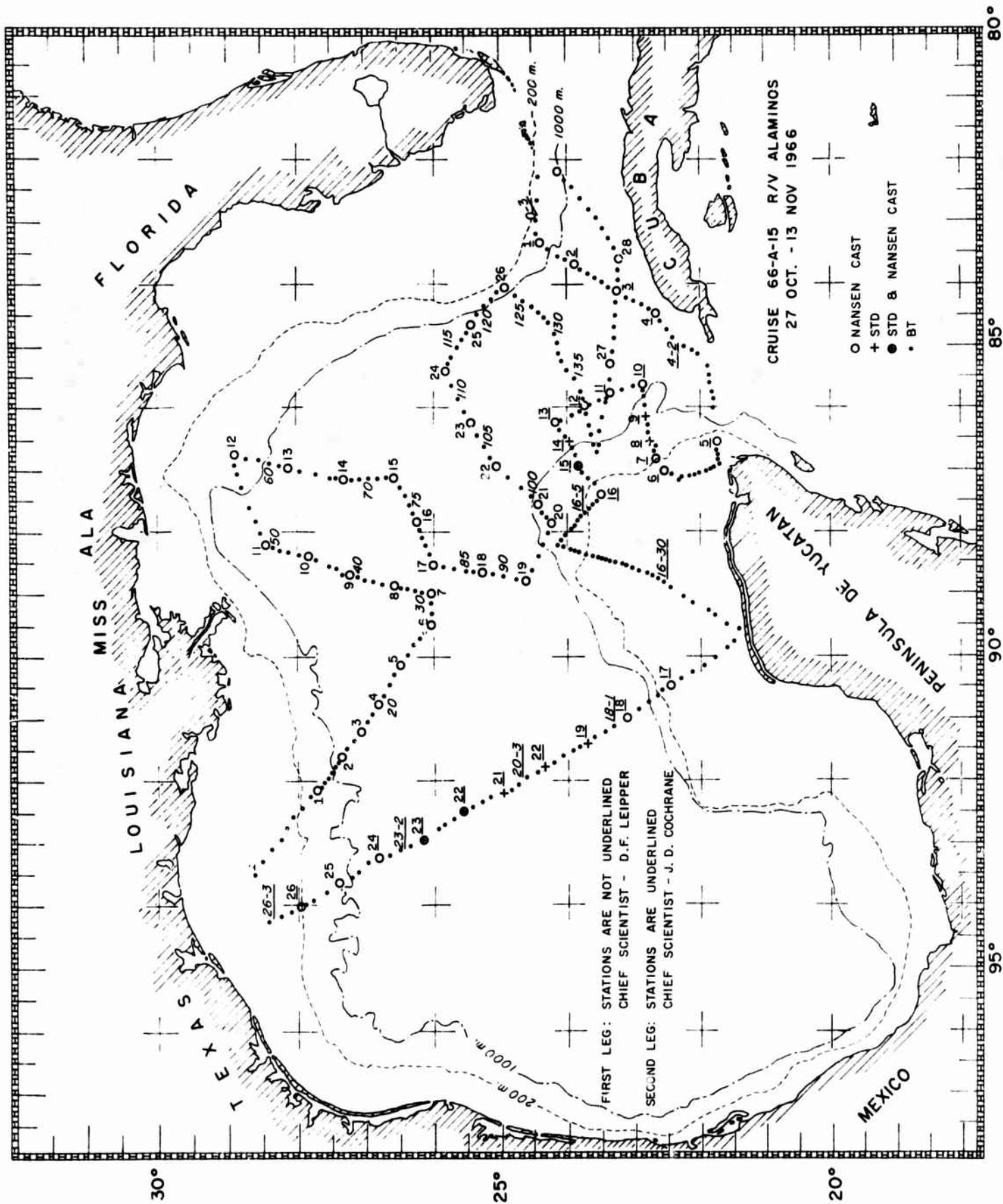
On this cruise there were 103 STDs, 28 Nansen casts and 287 BTs. The STD data were recorded on magnetic tape by Mr. Dan Blenis and Mr. James Shull of the NASA Mississippi Test Facility, and they were processed by them at the NASA computer facility there. From this work we obtained digital STD values at standard depths and ran them through the same computer program as was used in the other cruises. Station 33 involved data at only one depth and was not included. Data for stations 46, 54 and 55 were not returned after computer processing. Station 95 was incomplete because of rough weather. In the northwest Gulf, observations made as the cruise began were different from those in the same area when the ship returned some 18 days later due to changes which occurred in this period. For this reason, only one of the sets of data (the one at the end of the cruise) in this area were used in the plot of isothermal topography.

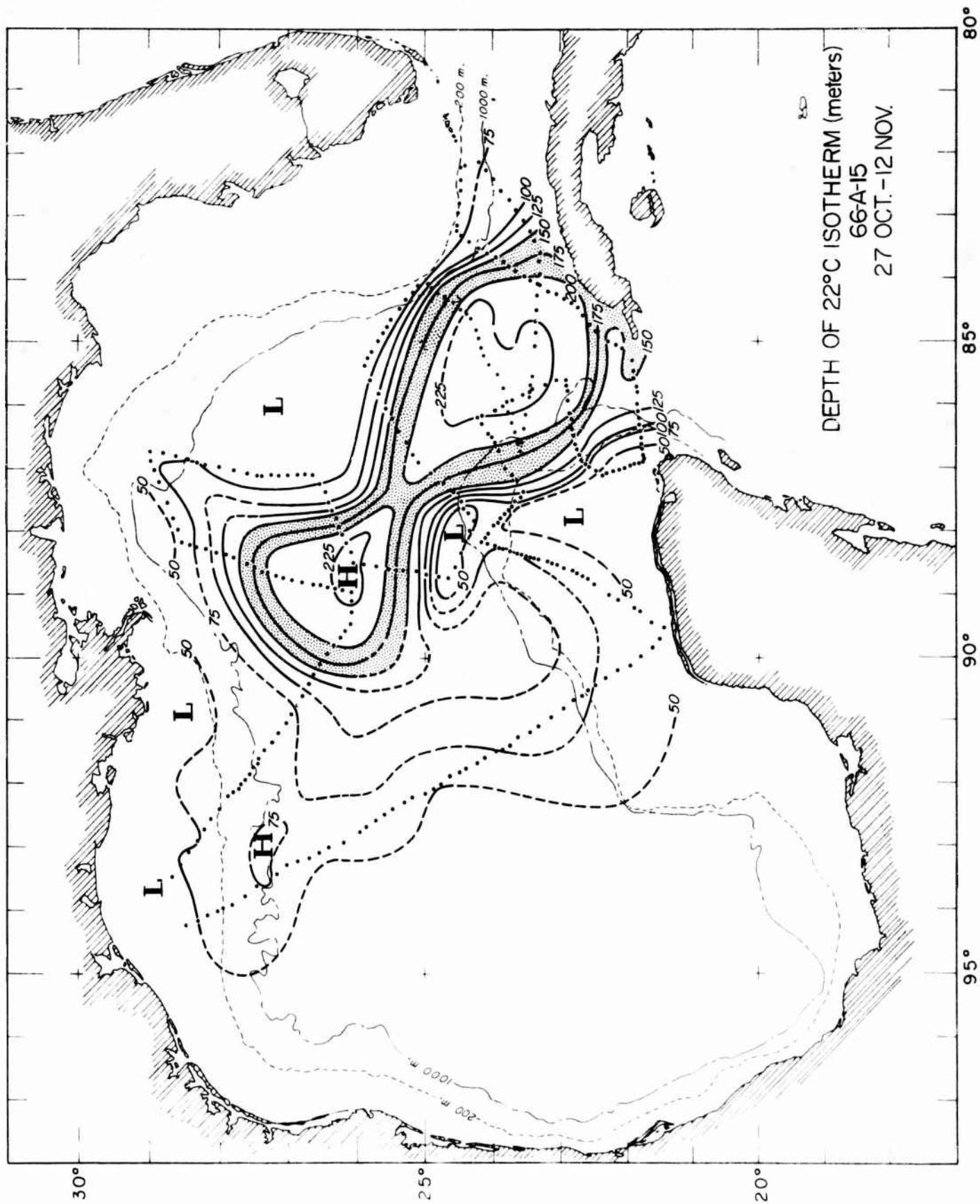
ACKNOWLEDGMENTS

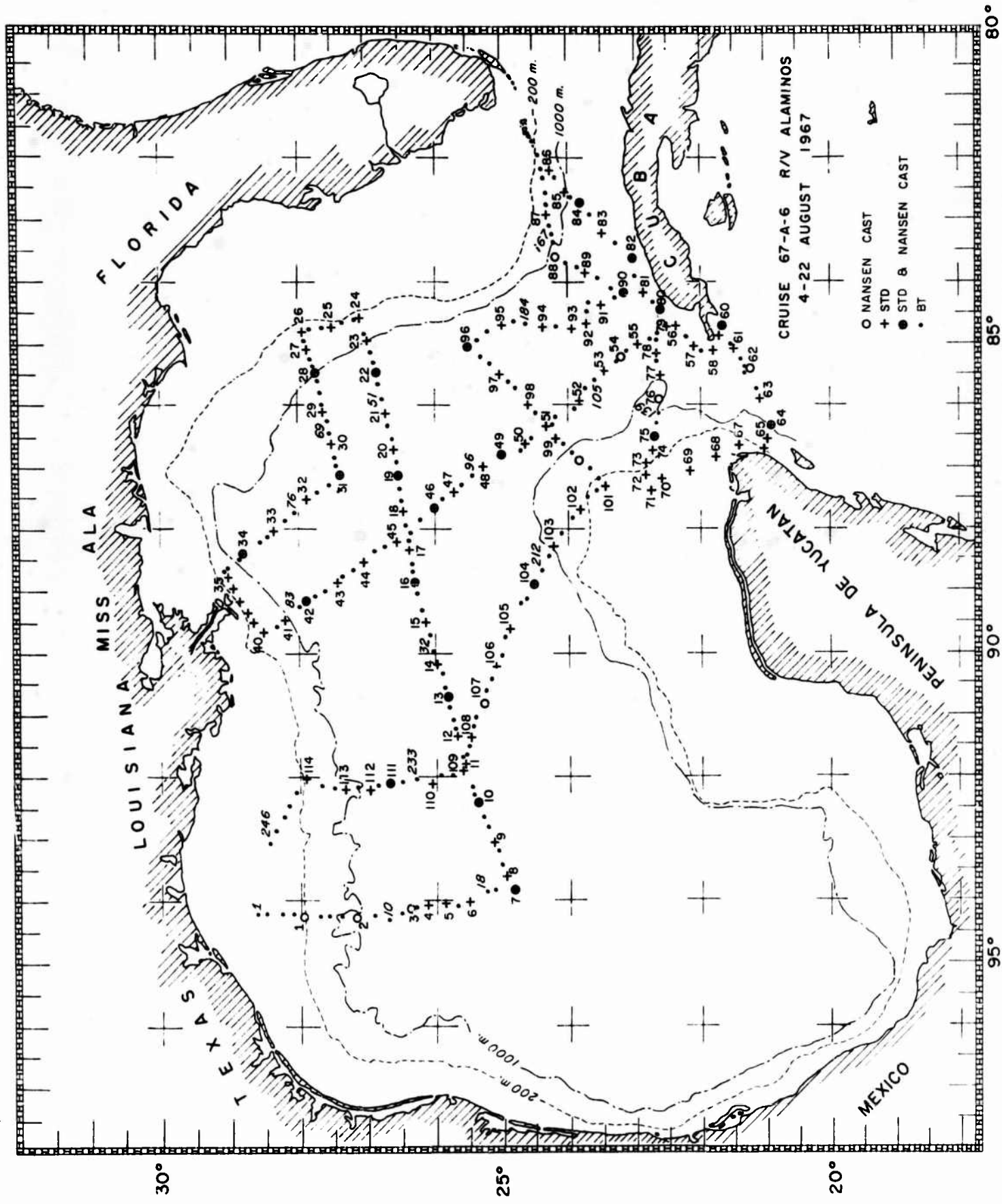
Final compilation of the data was supervised by William Merrell, graduate assistant. Others assisting were John McGraw, research assistant; Dean Letzring, chief technician; Margaret Holdredge, technician; Oscar Chancey and O. D. Baker, draftsmen; Bill Gross, student assistant; Hector Cornelio, research assistant; and Lydia Fenner, secretary. The R/V ALAMINOS was used for all cruises. Captains of the ship were Lewis Newton, Charles K. Holzer, and Homer Hadley.



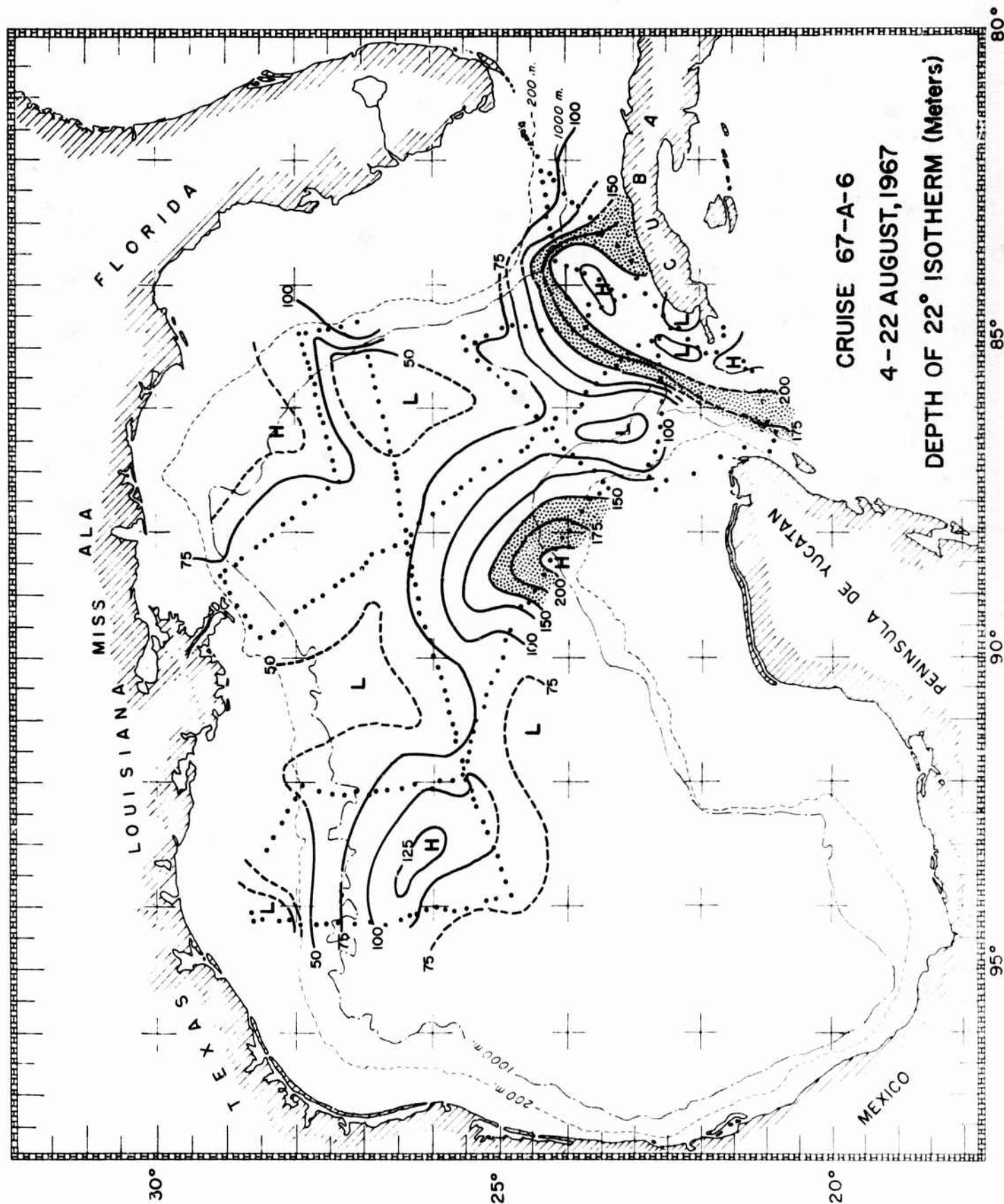








95° 90° 85° 80°



26 28.0 N 93 05.0 W

[illegible]

25 53.0 N 92 46.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.82	35.520		0	29.82	35.520	22.20	564.1	564.1	1546.31	0.0	0.0
15	29.53	35.900		10	29.63	35.773	22.45	539.6	540.0	1546.31	0.0552	2.8
30	26.66	36.050		20	28.65	36.013	22.96	491.1	492.0	1544.65	0.1068	10.9
45	24.92	35.290		30	26.66	36.050	23.64	426.5	427.7	1540.46	0.1528	23.8
60	23.28	36.310		40	25.43	35.495	23.60	429.8	431.3	1537.25	0.1957	41.3
75	21.88	36.330		50	24.35	35.587	24.00	392.0	393.9	1534.93	0.3270	62.9
90	20.87	36.300		75	21.88	36.330	25.28	270.0	272.9	1529.82	0.3204	132.6
105	20.26	36.440		100	20.43	36.388	25.72	227.9	231.7	1526.42	0.3834	220.5
120	19.83	36.510		150	18.50	36.330	26.18	184.3	189.5	1521.78	0.4887	438.6
135	19.31	36.430		200	16.78	36.054	26.39	164.2	170.8	1517.26	0.5788	705.5
150	18.50	36.330		250	15.16	35.906	26.65	139.8	147.5	1512.93	0.6584	1014.8
165	18.16	36.430		300	13.47	35.640	26.81	124.7	133.1	1507.99	0.7295	1361.5

5-STD

5, 1966

92 27.0 W

[illegible]

24 40.0 N 92 05.0 W

	4	5	6	7	8	9	10	11	12	13
1	2	3								
0	29.96	35.540	0	29.96	35.540	22.16	567.3	567.3	1546.62	0.0
15	29.96	35.550	10	29.96	35.547	22.17	566.8	567.2	1546.79	0.0567
30	26.70	36.020	20	29.01	35.693	22.60	525.4	526.2	1545.10	0.1114
45	24.30	36.280	30	26.70	36.020	23.60	429.9	431.1	1540.53	0.1593
60	22.95	36.350	40	24.99	36.216	24.28	365.1	366.7	1536.91	0.1992
75	21.10	36.310	50	23.82	36.320	24.71	323.9	325.9	1534.32	0.2338
90	19.60	36.300	75	21.10	36.310	25.48	250.8	253.7	1527.75	0.3062
105	18.70	36.340	100	18.96	36.333	25.07	195.2	198.8	1522.30	0.3628
120	17.90	36.210	150	16.72	36.035	26.39	164.4	169.3	1516.27	0.4548
135	17.20	36.080	200	15.14	35.787	26.57	147.9	154.0	1511.91	0.5356
165	16.25	35.970	250	13.34	35.574	26.79	127.0	134.0	1506.70	0.6076
180	16.80	36.070	300	11.80	35.310	26.89	117.5	125.0	1501.97	0.6724
195	15.80	35.890								
210	14.80	35.740								
225	14.25	35.660								
240	13.65	35.610								
255	13.20	35.550								
270	12.70	35.420								
285	12.35	35.390								
300	11.80	35.310								
315	11.75	35.360								

24 02.0 N 91 45.0 W

	4	5	6	7	8	9	10	11	12	13
1	2	3								
0	29.94	36.300	0	29.94	36.300	22.74	512.1	512.1	1547.26	0.0
15	29.94	36.400	10	29.94	36.367	22.79	507.3	507.7	1547.47	0.0510
30	29.93	36.500	20	30.20	36.469	22.78	508.4	509.3	1548.25	0.1018
45	25.20	35.950	30	29.93	36.500	22.90	497.4	498.7	1547.89	0.1522
60	23.35	36.220	40	26.88	36.124	23.62	427.8	429.5	1541.19	0.1986
75	22.35	36.310	50	24.38	36.004	24.31	362.5	364.5	1535.39	0.2383
90	21.55	36.320	75	22.35	36.310	25.13	284.1	286.9	1531.02	0.3198
105	20.70	36.290	100	21.00	36.302	25.50	248.7	252.5	1527.87	0.3872
120	19.65	36.260	150	18.20	36.140	26.11	190.9	196.1	1520.73	0.4994
135	18.95	36.240	200	15.80	35.851	26.47	157.4	163.7	1514.05	0.5893
150	18.20	36.140	250	13.71	35.608	26.73	131.8	138.9	1507.95	0.6650
165	17.35	36.090	300	12.20	35.330	26.82	123.3	131.1	1503.37	0.7325
180	16.65	35.990								
195	16.05	35.890								
210	15.30	35.780								
225	14.70	35.720								
240	14.15	35.660								
255	13.50	35.580								
270	13.00	35.490								
285	12.65	35.450								
300	12.20	35.330								
315	12.15	35.370								

23 32.0 N 91 31.0 W

[illegible]

9-5-D

6, 1966

91 13.0 W

	4	5	6	7	8	9	10	11	12	13
1	2	3								
0	29.60	36.300				501.0	500.9	1546.56	0.0	0.0
15	29.35	36.380				491.7	492.2	1546.42	0.0497	2.5
30	28.35	36.090				490.6	491.5	1546.10	0.0988	9.9
45	24.20	36.260				475.9	477.3	1544.23	0.1473	22.2
60	23.00	36.390				385.2	386.9	1538.29	0.1905	39.1
75	21.70	36.340				319.3	321.3	1533.88	0.2259	59.9
90	20.65	36.320				264.5	267.3	1529.36	0.2995	125.6
105	19.60	36.280				222.1	225.8	1524.93	0.3611	208.2
120	19.10	36.320				169.9	175.0	1518.10	0.4613	413.8
135	18.15	36.240				141.3	147.3	1510.94	0.5418	664.5
150	17.30	36.140				124.7	131.5	1505.27	0.6115	952.9
165	16.60	36.070				114.9	122.4	1501.64	0.6750	1274.5
180	15.95	35.960								
195	15.10	35.830								
210	14.35	35.720								
225	13.90	35.670								
240	13.35	35.570								
255	12.75	35.470								
270	12.35	35.420								
285	11.95	35.370								
300	11.70	35.320								
315	11.60	35.350								

22 39.0 N 91 02.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.70	36.370		0	29.70	36.370	22.88	499.2	499.2	1546.82	0.0	0.0
15	29.40	36.390		10	29.50	36.383	22.95	491.7	492.2	1546.58	0.0496	2.5
30	28.15	36.370		20	29.17	36.387	23.07	480.9	481.8	1546.06	0.0983	9.9
45	24.45	36.330		30	28.15	36.370	23.40	449.5	450.9	1544.04	0.1449	22.0
60	22.45	36.270		40	25.72	36.346	24.15	377.2	378.9	1538.74	0.1864	38.6
75	20.65	36.260		50	23.68	36.308	24.75	320.8	322.8	1533.96	0.2215	59.0
90	19.80	36.290		75	20.65	36.260	25.57	242.8	245.6	1526.49	0.2925	123.2
105	19.20	36.280		100	19.42	36.289	25.92	209.6	213.2	1523.54	0.3499	203.5
120	18.05	36.210		150	16.40	36.020	26.46	158.3	163.1	1515.27	0.4439	402.0
135	17.15	36.120		200	13.76	35.610	26.73	132.5	138.2	1507.29	0.5193	642.8
150	16.40	36.020		250	11.98	35.378	26.90	115.8	122.2	1501.88	0.5844	918.7
165	15.60	35.910		300	10.75	35.200	27.00	107.1	114.1	1498.17	0.6435	1225.7

CRUISE 66-A-11 STATION 11-STD

0259 GMT AUGUST 7, 1966

22 22.0 N 90 53.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.70	36.480		0	29.70	36.480	22.96	491.3	491.3	1546.91	0.0	0.0
15	29.60	36.500		10	29.63	36.493	22.99	488.2	488.6	1546.95	0.0490	2.4
30	27.45	36.180		20	29.06	36.391	23.11	476.9	477.8	1545.83	0.0973	9.8
45	24.20	36.250		30	27.45	36.180	23.48	441.3	442.6	1542.35	0.1433	21.8
60	22.10	36.410		40	25.28	36.200	24.18	374.6	376.2	1537.57	0.1843	38.2
75	20.30	36.290		50	23.42	36.314	24.83	313.2	315.2	1533.32	0.2188	58.3
90	19.50	36.430		75	20.30	36.290	25.68	231.7	234.5	1525.57	0.2876	121.6

CRUISE 66-A-11 STATION 12-STD

0451 GMT AUGUST 7, 1966

22 21.0 N 90 36.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.50	36.340		0	29.50	36.340	22.92	494.8	494.8	1546.38	0.0	0.0
15	29.35	36.340		10	29.40	36.340	22.96	491.6	492.0	1546.34	0.0493	2.5
30	28.00	36.390		20	29.14	36.367	23.06	481.4	482.2	1545.99	0.0981	9.8
45	23.45	36.200		30	28.00	36.390	23.46	443.4	444.7	1543.73	0.1444	22.0
60	21.60	36.270		40	24.99	36.262	24.32	361.7	363.4	1536.95	0.1848	38.4
75	20.70	36.350		50	22.63	36.208	24.98	299.0	301.0	1531.24	0.2180	58.6
				75	20.70	36.350	25.62	237.6	240.4	1526.71	0.2857	121.5

CRUISE 66-A-11 STATION 13-STD

0650 GMT AUGUST 7, 1966

22 20.0 N 90 19.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.05	36.190		0	29.05	36.190	22.96	491.1	491.1	1545.32	0.0	0.0
15	28.80	36.200		10	28.88	36.197	23.02	485.2	485.7	1545.13	0.0488	2.4
30	24.05	36.220		20	27.34	36.202	23.53	436.4	437.2	1541.96	0.0950	9.6
45	21.60	36.320		30	24.05	36.220	24.57	337.7	338.8	1534.47	0.1338	21.1
				40	22.42	36.287	25.10	287.5	289.1	1530.60	0.1652	36.0

CRUISE 66-A-11 STATION 14-STD

0835 GMT AUGUST 7, 1966

22 19.0 N 90 01.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.50	36.070		0	28.50	36.070	23.06	482.1	482.1	1544.05	0.0	0.0
15	28.45	36.070		10	28.47	36.070	23.07	481.1	481.5	1544.14	0.0482	2.4
30	22.65	36.250		20	26.62	36.129	23.71	419.5	420.4	1540.27	0.0933	9.5
45	20.80	36.270		30	22.65	36.250	25.00	296.5	297.7	1531.01	0.1292	20.6
				40	21.42	36.263	25.36	262.5	264.0	1527.98	0.1573	34.9

CRUISE 66-A-11 STATION 15-STD

1024 GMT AUGUST 1966

22 18.0 N 89 44.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	36.120		0	29.00	36.120	22.93	494.5	494.5	1545.15	0.0	0.0
15	29.00	36.120		10	29.00	36.120	22.93	494.5	494.9	1545.31	0.0495	2.5
30	21.20	36.240		20	26.46	36.156	23.78	412.7	413.5	1539.93	0.0949	9.7
45	20.20	36.320		30	21.20	36.240	25.40	258.5	259.7	1527.22	0.1286	20.9
				40	20.53	36.293	25.62	237.4	238.9	1525.65	0.1535	35.0

CRUISE 66-A-11 STATION 16-STD

1219 GMT AUGUST 7, 1966

22 20.0 N 89 27.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.15	36.220		0	29.15	36.120	22.88	499.3	499.3	1545.47	0.0	0.0
15	29.00	36.220		10	29.05	36.187	22.96	491.3	491.7	1545.48	0.0496	2.5
30	22.80	36.320		20	26.99	36.256	23.69	421.7	422.6	1541.22	0.0953	9.7
45	21.65	36.380		30	22.80	36.320	25.01	295.6	296.7	1531.45	0.1312	21.0
				40	22.03	36.360	25.26	271.9	273.4	1529.68	0.1597	35.6

CRUISE 66-A-11 STATION 17-STD

1419 GMT AUGUST 7, 1966

22 22.0 N 89 08.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.30	36.070		0	29.30	36.070	22.79	507.7	507.7	1545.74	0.0	0.0
15	25.80	35.890		10	26.97	35.950	23.46	443.0	443.4	1540.74	0.0476	2.4
30	22.00	36.310		20	24.34	36.016	24.33	360.7	361.5	1534.84	0.0878	9.1
45	21.90	36.380		30	22.00	36.310	25.23	274.6	275.7	1529.39	0.1197	19.5
				40	21.93	36.357	25.29	269.5	271.1	1529.42	0.1470	32.9

CRUISE 66-A-11 STATION 18-STD

1458 GMT AUGUST 7, 1966

22 22.0 N 89 05.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.80	36.020		0	28.80	36.020	22.92	495.3	495.3	1544.64	0.0	0.0
15	24.20	35.250		10	25.73	35.507	23.52	437.8	438.2	1537.49	0.0467	2.3
30	21.70	36.280		20	23.12	35.546	24.33	360.2	361.0	1531.35	0.0866	9.0
45	21.55	36.360		30	21.70	36.280	25.29	268.8	269.9	1528.58	0.1182	19.2
				40	21.60	36.333	25.36	262.3	263.8	1528.53	0.1449	32.4

CRUISE 66-A-11 STATION 19-STD

1631 GMT AUGUST 7, 1966

22 24.0 N 88 50.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.55	36.120		0	28.65	36.120	23.04	483.3	483.3	1544.41	0.0	0.0
15	23.55	35.100		10	25.12	35.440	23.66	424.5	424.9	1535.97	0.0454	2.3
30	19.55	34.840		20	21.83	34.879	24.19	373.5	374.2	1527.30	0.0854	8.8
45	18.80	36.240		30	19.55	34.840	24.78	317.9	318.9	1521.23	0.1200	19.1
				40	19.05	35.773	25.62	238.0	239.4	1521.03	0.1479	32.5

CRUISE 66-A-11 STATION 20-STD

1827 GMT AUGUST 7, 1966

22 25.0 N 88 32.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.15	36.090		0	29.15	36.090	22.85	501.5	501.5	1545.44	0.0	0.0
15	23.50	36.190		10	25.38	36.157	24.12	380.7	381.1	1537.29	0.0441	2.2
30	20.70	36.280		20	22.37	36.230	25.07	290.4	291.2	1530.12	0.0777	8.3
45	18.55	36.190		30	20.70	36.280	25.57	242.6	243.8	1525.93	0.1045	17.4
				40	19.27	36.220	25.90	210.9	212.3	1522.09	0.1273	29.0

CRUISE 66-A-11 STATION 21-STD

2012 GMT AUGUST 7, 1966

22 26.0 N 88 13.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.40	36.090		0	29.40	36.090	22.77	509.5	509.5	1545.96	0.0	0.0
15	21.30	36.080		10	24.00	36.083	24.48	346.1	346.5	1533.90	0.0428	2.1
30	19.05	36.150		20	20.17	36.105	25.58	241.6	242.4	1524.15	0.0722	7.9
45	17.85	36.100		30	19.05	36.150	25.90	210.6	211.7	1521.25	0.0949	16.3
				40	18.25	36.117	26.08	193.8	195.2	1519.09	0.1153	26.8

CRUISE 66-A-11 STATION 22-STD

2151 GMT AUGUST 7, 1966

22 26.0 N 87 56.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.30	36.110		0	29.30	36.110	22.82	504.9	504.9	1545.77	0.0	0.0
15	19.05	36.200		10	22.47	36.170	24.99	297.3	297.7	1530.14	0.0401	2.0
30	17.75	35.980		20	18.06	36.128	26.14	188.6	189.3	1518.24	0.0645	7.2
45	17.45	36.050		30	17.75	35.980	26.10	191.9	192.9	1517.34	0.0836	14.6
				40	17.55	36.027	26.19	183.9	185.2	1516.96	0.1025	23.9

CRUISE 66-A-11 STATION 23-STD

2235 GMT AUGUST 7, 1966

22 27.0 N 87 50.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	27.60	35.920		0	27.60	35.920	23.24	464.7	464.7	1541.96	0.0	0.0
15	19.65	36.160		10	22.30	36.080	24.97	299.3	299.7	1529.63	0.0382	1.9
30	19.45	36.370		20	19.15	36.244	25.95	206.2	206.9	1521.45	0.0635	7.0
45	19.35	36.350		30	19.45	36.370	25.97	204.5	205.6	1522.58	0.0842	14.4
				40	19.38	36.357	25.98	203.9	205.3	1522.55	0.1047	23.8

CRUISE 66-A-11 STATION 24-STD

0023 GMT AUGUST 8, 1966

22 27.0 N 87 31.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	27.70	35.970		0	27.70	35.970	23.24	464.2	464.1	1542.22	0.0	0.0
15	23.90	36.010		10	25.17	35.997	24.06	385.9	386.3	1536.63	0.0425	2.1
30	20.15	36.130		20	22.44	36.039	24.90	306.1	306.9	1530.11	0.0772	8.1
45	20.10	36.360		30	20.15	36.130	25.60	239.5	240.5	1524.29	0.1045	17.2
				40	20.12	36.283	25.73	227.5	229.0	1524.50	0.1280	28.8

CRUISE 66-A-11 STATION 25-STD

0208 GMT AUGUST 8, 1966

22 28.0 N 87 15.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.65	35.900		0	28.65	35.900	22.88	499.1	499.1	1544.21	0.0	0.0
15	24.25	35.700		10	25.72	35.767	23.72	418.6	419.0	1537.71	0.0459	2.3
30	21.60	36.180		20	23.13	35.832	24.55	340.0	340.7	1531.67	0.0839	8.8
45	21.40	36.480		30	21.60	36.180	25.24	273.4	274.5	1528.22	0.1147	18.7
				40	21.47	36.380	25.43	255.4	256.9	1528.22	0.1412	31.5

CRUISE 66-A-11 STATION 26-STD

0318 GMT AUGUST 8, 1966

22 28.0 N 87 07.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.45	35.950		0	28.45	35.950	22.98	489.2	489.2	1543.83	0.0	0.0
15	23.75	35.940		10	25.32	35.943	23.98	394.1	394.5	1536.94	0.0442	2.2
30	22.10	36.370		20	22.26	36.077	24.78	317.4	318.1	1531.46	0.0798	8.4
45	21.80	36.470		30	22.10	36.370	25.25	273.0	274.1	1529.70	0.1094	17.9
				40	21.90	36.437	25.36	262.8	264.4	1529.41	0.1364	30.2

CRUISE 46-A-11 STATION 27-STD

0541 GMT AUGUST 1966

22 29.0 N 86 59.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.35	35.950		0	28.35	35.950	23.01	486.0	486.0	1543.62	0.0	0.0
15	25.75	35.750		10	26.62	35.817	23.48	442.0	442.3	1539.82	0.0464	2.3
30	21.20	36.040		20	24.12	35.819	24.25	368.4	369.2	1534.10	0.0870	9.0
45	20.70	36.330		30	21.20	36.040	25.25	273.0	274.1	1527.03	0.1192	19.3
60	20.20	36.320		40	20.64	36.250	25.56	243.3	244.8	1525.90	0.1451	32.5
75	19.55	36.260		50	20.54	36.346	25.66	233.8	235.7	1525.88	0.1651	48.2
90	19.15	36.330		75	19.55	36.260	25.86	215.0	217.7	1523.48	0.2259	97.6
105	19.00	36.330		100	19.05	36.330	26.04	197.5	201.2	1522.55	0.2782	160.6

22 45.0 N 86 46.0 W

[illegible]

23 02.0 N 86 35.0 W

[illegible]

23 17.0 N 86 22.0 W

[illegible]

24 33.0 N 84 37.0 W

[illegible]

43-STD

AUGUST 10, 1966

84 30.0 W

[illegible]

CRUISE 66-A-11 STATION 45-STD

1330 GMT AUGUST 10, 1966

22 46.0 N 85 06.0 W

23 08.5 N 85 20.0 W

[illegible]

24 10.0 N 86 01.0 W

[illegible]

CRUISE 66-A-11 STATION 49-STD

0522 GMT AUGUST 11, 1966

24 32.5 N 86 07.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.45	35.910	.	0	29.45	35.910	22.62	524.1	524.1	1545.91	0.0	0.0
15	29.30	35.920	.	10	29.35	35.917	22.66	520.4	520.8	1545.87	0.0522	2.6
30	28.75	35.890	.	20	29.14	35.913	22.72	513.9	514.6	1545.59	0.1040	10.4
45	28.15	35.840	.	30	28.75	35.890	22.84	503.0	504.2	1544.91	0.1550	23.4
60	27.60	35.920	.	40	28.35	35.851	22.94	493.1	494.8	1544.18	0.2049	41.4
75	27.10	35.970	.	50	27.96	35.861	23.08	480.2	482.3	1543.50	0.2538	64.3
90	26.60	36.050	.	75	27.10	35.970	23.44	445.7	448.8	1542.11	0.3702	142.3
105	25.60	36.130	.	100	25.94	36.100	23.90	401.1	405.3	1539.98	0.4769	248.2
120	25.05	36.270	.	150	23.70	36.430	24.83	312.6	318.6	1535.74	0.6579	531.9
150	23.70	36.430	.	200	20.45	36.548	25.84	216.8	224.2	1528.23	0.7936	894.8
195	20.70	36.560	.	250	18.48	36.355	26.21	181.9	190.6	1523.35	0.8973	1317.5
240	18.80	36.390	.	300	17.05	36.170	26.42	162.0	171.9	1519.79	0.9880	1788.8
300	17.05	36.170	.	400	14.12	35.675	26.70	135.1	146.6	1511.76	1.1472	2856.4
375	14.90	35.810	.	500	11.26	35.231	26.93	113.7	125.7	1503.22	1.2834	4071.7
450	12.60	35.420	.	600	9.05	34.920	27.07	100.3	112.3	1496.48	1.4023	5414.6
525	10.65	35.150	.	700	7.36	34.758	27.20	87.9	99.4	1491.48	1.5082	6869.8
600	9.05	34.920	.	800	6.38	34.750	27.33	75.7	87.2	1489.26	1.6015	8424.6
675	7.70	34.780	.	900	5.70	34.780	27.44	65.2	77.0	1488.23	1.6836	10067.2
750	6.80	34.740	.	1000	5.29	34.814	27.51	57.9	70.1	1488.25	1.7571	11787.5
825	6.20	34.760	.	1200	4.75	34.850	27.61	49.2	62.5	1489.36	1.8897	15434.4
900	5.70	34.780	.									
1050	5.15	34.830	.									
1200	4.75	34.850	.									

26 02.0 N 86 21.0 W

[illegible]

57-STD

1620 GMT AUGUST 12, 1966

28 14.5 N 86 49.0 W

[illegible]

28 26.5 N 86 46.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.30	32.190	.	0	28.30	32.190	20.21	754.7	754.7	1539.01	0.0	0.0
15	28.60	33.500	.	10	28.50	33.063	20.80	698.2	698.6	1540.85	0.0727	3.6
30	27.00	35.900	.	20	28.21	34.357	21.86	596.2	596.9	1542.01	0.1374	14.1
45	24.65	36.180	.	30	27.00	35.900	23.42	447.6	448.9	1541.09	0.1897	30.5
60	23.05	36.230	.	40	25.43	36.217	24.15	377.8	379.4	1537.95	0.2312	51.5
75	21.70	36.340	.	50	24.06	36.206	24.56	339.0	341.0	1534.81	0.2672	76.5
90	20.30	36.380	.	75	21.70	36.340	25.34	264.5	267.3	1529.36	0.3432	152.8
105	18.95	36.380	.	100	19.41	36.388	25.99	202.1	205.7	1523.60	0.4023	246.0
120	17.45	36.270	.	150	14.80	35.940	26.76	129.6	134.2	1510.21	0.4873	468.4
150	14.80	35.940	.	200	12.30	35.582	27.00	106.6	111.8	1502.40	0.5488	727.4
195	12.50	35.610	.	250	10.56	35.325	27.13	94.7	100.6	1496.86	0.6019	1015.1
240	10.90	35.380	.	300	9.05	35.080	27.19	88.5	94.5	1491.86	0.6507	1328.2
300	9.05	35.080	.	400	7.13	34.859	27.31	77.3	83.8	1485.92	0.7398	2023.5
375	7.45	34.890	.	500	6.42	34.827	27.38	70.4	77.8	1484.68	0.8207	2803.7
450	6.70	34.830	.	600	5.85	34.830	27.46	63.2	71.4	1484.04	0.8953	3661.7

28 54.0 N 86 42.0 W

[illegible]

29 21.0 N 86 37.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.05	32.700	.	0	28.05	32.700	20.67	710.2	710.2	1539.20	0.0	0.0
15	26.10	33.600	.	10	26.75	33.300	21.54	627.1	627.5	1537.26	0.0669	3.3
30	22.70	35.800	.	20	25.00	34.374	22.89	497.8	498.6	1534.66	0.1232	12.8
45	20.20	35.970	.	30	22.70	35.800	24.65	330.4	331.5	1530.70	0.1647	27.2
60	19.20	36.210	.	40	20.90	36.022	25.32	266.5	267.9	1526.37	0.1947	45.2
75	17.90	36.270	.	50	19.80	36.056	25.64	236.0	237.8	1523.57	0.2200	65.9
90	17.20	36.230	.	75	17.90	36.270	26.29	174.4	176.9	1518.79	0.2718	127.4
105	16.70	36.220	.	100	16.87	36.227	26.50	153.7	157.0	1516.09	0.3135	200.6
120	16.00	36.120	.	150	14.85	35.890	26.71	134.3	138.9	1510.32	0.3875	375.8
135	15.40	36.000	.	200	13.17	35.604	26.84	121.4	126.9	1505.34	0.4540	586.2
150	14.85	35.890	.	250	11.93	35.427	26.95	111.2	117.6	1501.76	0.5151	828.5
165	14.55	35.840	.	300	10.45	35.240	27.08	99.1	105.9	1497.15	0.5710	1100.0

28 59.0 N 87 03.5 W

[illegible]

28 37.0 N 87 33.5 W

[illegible]

CRUISE 66-A-111

1130 GMT AUGUST 13, 1966

28 16.0 N 88 03.0 W

[illegible]

27 35.0 N 87 34.0 W

[illegible]

26 23.0 N 84 53.0 W

[illegible]

25 39.0 N 85 56.0 W

[illegible]

25 16.0 N 86 27.0 W

[illegible]

24 14.0 N 87 50.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.55	36.090	.	0	28.55	36.090	23.05	482.3	482.3	1544.17	0.0	0.0
15	27.95	36.090	.	10	28.15	36.090	23.19	469.6	470.0	1543.77	0.0476	2.4
30	24.35	36.080	.	20	26.85	36.079	23.60	430.1	430.9	1540.75	0.0927	9.4
45	22.00	36.220	.	30	24.35	36.080	24.37	356.3	357.4	1535.07	0.1321	20.6
60	20.35	36.270	.	40	22.67	36.170	24.93	303.0	304.6	1531.16	0.1652	35.5
75	19.20	36.260	.	50	21.38	36.245	25.35	263.0	264.9	1528.04	0.1937	53.4
90	18.05	36.250	.	75	19.20	36.260	25.95	206.3	209.0	1522.50	0.2529	109.3
105	16.75	36.220	.	100	17.18	36.237	26.44	160.0	163.3	1517.03	0.2994	178.3
120	15.70	36.080	.	150	11.70	35.600	27.13	94.3	98.1	1499.57	0.3648	344.4
135	13.95	35.890	.	200	9.06	35.044	27.16	91.3	95.4	1490.27	0.4132	538.8
150	11.70	35.600	.	250	8.39	34.945	27.19	88.6	93.3	1488.43	0.4603	757.2
165	10.40	35.300	.	300	7.95	34.910	27.23	84.8	90.2	1487.52	0.5062	998.9

85-STD

AUGUST 16, 1966

87 55.0 W

[illegible]

25 53.0 N 87 54.0 W

[illegible]

26 16.5 N 87 53.5 W

[illegible]

26 16.5 N 88 35.0 W

[illegible]

26 16.5 N 89 15.0 W

[illegible]

26 31.0 N 90 58.0 W

[illegible]

26 31.0 N 92 16.0 W

[illegible]

CRUISE 66-A-11 STATION 95-STD

0357 GMT AUGUST 18, 1966

26 58.0 N 92 40.0 W

[illegible]

CRUISE 66-A-15 STATION 8-STD

1440 GMT OCTOBER 29, 1966

26 40.0 N 88 51.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	27.59	36.045	.	0	27.59	36.045	23.34	455.4	455.4	1542.05	0.0	0.0
10	27.59	36.048	.	10	27.59	36.048	23.34	455.2	455.5	1542.21	0.0455	2.3
20	27.59	36.048	.	20	27.59	36.048	23.34	455.2	456.0	1542.38	0.0911	9.1
30	27.59	36.047	.	30	27.59	36.047	23.34	455.2	456.5	1542.54	0.1367	20.5
40	27.58	36.047	.	40	27.58	36.047	23.34	454.9	456.6	1542.68	0.1824	36.5
51	27.57	36.048	.	50	27.58	36.046	23.34	455.0	457.1	1542.84	0.2281	57.0
75	25.85	36.326	.	75	25.85	36.046	24.10	382.3	385.4	1539.58	0.3334	127.2
100	24.35	36.568	.	100	24.35	36.568	24.74	321.1	325.2	1536.64	0.4222	221.6
150	21.69	36.746	.	150	21.69	36.746	25.65	234.9	240.7	1530.90	0.5637	468.1
200	19.15	36.529	.	200	19.15	36.529	26.17	185.6	192.8	1524.62	0.6721	777.1
250	17.93	36.426	.	250	17.93	36.426	26.40	163.8	172.4	1521.84	0.7634	1135.9
300	16.81	36.243	.	300	16.81	36.243	26.53	151.2	161.1	1519.15	0.8468	1538.5
400	13.24	35.650	.	400	13.24	35.650	26.87	119.5	130.5	1508.84	0.9926	2458.1
500	11.10	35.306	.	500	11.10	35.306	27.01	105.3	117.3	1502.75	1.1164	3512.6
600	9.25	35.076	.	600	9.25	35.076	27.16	91.8	104.1	1497.42	1.2271	4684.4

CRUISE 66-A-15 STATION 9-STD

1930 GMT OCTOBER 29, 1966

27 15.5 N 88 41.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	27.17	36.130	.	0	27.17	36.130	23.53	436.3	436.3	1541.19	0.0	0.0
10	27.16	36.132	.	10	27.16	36.132	23.54	435.9	436.2	1541.34	0.0436	2.2
20	27.16	36.132	.	20	27.16	36.132	23.54	435.9	436.7	1541.50	0.0873	8.7
30	27.16	36.132	.	30	27.16	36.132	23.54	435.9	437.1	1541.66	0.1310	19.6
40	27.16	36.134	.	40	27.16	36.134	23.54	435.7	437.4	1541.82	0.1747	34.9
50	27.17	36.134	.	50	27.17	36.134	23.54	436.0	438.1	1542.01	0.2185	54.6
75	27.17	36.136	.	75	27.17	36.136	23.54	435.9	439.1	1542.42	0.3281	122.9
100	25.89	36.246	.	100	25.89	36.246	24.03	389.3	393.4	1540.01	0.4322	217.9
150	23.49	36.624	.	150	23.49	36.624	25.04	292.8	298.8	1535.39	0.6052	477.3
200	20.89	36.672	.	200	20.89	36.672	25.81	219.2	226.8	1529.53	0.7366	812.7
250	18.71	36.460	.	250	18.71	36.460	26.23	179.9	188.8	1524.12	0.8404	1206.9
300	17.13	36.259	.	300	17.13	36.259	26.47	157.3	167.4	1520.12	0.9295	1649.4
400	14.76	35.856	.	400	14.76	35.856	26.70	135.0	147.0	1514.01	1.0866	2657.5
500	12.20	35.467	.	500	12.20	35.467	26.93	113.2	126.1	1506.74	1.2232	3812.4
600	9.92	35.162	.	600	9.92	35.162	27.11	96.1	109.1	1499.97	1.3408	5094.4
700	7.96	34.941	.	700	7.96	34.941	27.25	82.6	95.1	1494.04	1.4429	6486.2
800	6.92	34.884	.	800	6.92	34.884	27.36	72.6	85.2	1491.57	1.5330	7974.2
900	5.88	34.891	.	900	5.88	34.891	27.50	59.0	71.3	1489.10	1.6113	9546.3
1000	5.17	34.932	.	1000	5.17	34.932	27.62	47.7	59.8	1487.92	1.6768	11190.3

CRUISE 66-A-15 STATION 14-STD

0020 GMT OCTOBER 31, 1966

27 19.0 N 87 08.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	27.22	36.057	.	0	27.22	36.057	23.46	443.1	443.1	1541.24	0.0	0.0
10	27.23	36.058	.	10	27.23	36.058	23.46	443.3	443.7	1541.43	0.0443	2.2
20	27.23	36.058	.	20	27.23	36.058	23.46	443.3	444.1	1541.59	0.0887	8.9
30	27.23	36.056	.	30	27.23	36.056	23.46	443.5	444.7	1541.75	0.1332	20.0
40	27.23	36.058	.	40	27.23	36.058	23.46	443.3	445.0	1541.91	0.1777	35.5
50	27.24	36.156	.	50	27.24	36.156	23.53	436.6	438.6	1542.18	0.2218	55.5
75	27.24	36.156	.	75	27.24	36.156	23.53	436.6	439.7	1542.59	0.3316	124.7
100	27.23	36.158	.	100	27.23	36.158	23.54	436.1	440.3	1542.97	0.4416	221.3
150	24.91	36.428	.	150	24.91	36.428	24.47	347.4	353.4	1538.67	0.6401	491.7
200	21.75	36.734	.	200	21.75	36.734	25.62	237.3	245.1	1531.86	0.7897	849.2
250	19.76	36.474	.	250	19.76	36.474	25.97	204.7	213.8	1527.08	0.9044	1272.7
300	17.99	36.446	.	300	17.99	36.446	26.40	163.7	174.1	1522.83	1.0014	1749.2
400	15.50	35.975	.	400	15.50	35.975	26.63	141.9	154.3	1516.47	1.1656	2832.6
500	12.95	35.574	.	500	12.95	35.574	26.87	119.4	132.9	1509.40	1.3092	4070.0
600	10.81	35.288	.	600	10.81	35.288	27.05	101.7	115.7	1503.31	1.4335	5441.4
700	8.76	35.022	.	700	8.76	35.022	27.19	88.3	101.9	1497.15	1.5423	6929.2
800	7.58	34.910	.	800	7.58	34.910	27.29	79.6	93.2	1494.16	1.6398	8520.3
900	6.22	34.878	.	900	6.22	34.878	27.45	64.1	76.9	1490.44	1.7249	10202.7
1000	5.60	34.904	.	1000	5.60	34.904	27.55	54.7	67.7	1489.62	1.7972	11963.8

CRUISE 66-A-15 STATION 15-STD

0620 GMT OCTOBER 31, 1966

26 35.0 N 87 03.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	24.89	36.057	.	0	24.89	36.057	24.19	373.5	373.5	1535.87	0.0	0.0
30	27.53	36.039	.	10	25.77	36.051	23.92	399.7	400.1	1538.10	0.0387	1.9
40	27.38	36.138	.	20	26.65	36.045	23.64	426.5	427.4	1540.27	0.0801	7.9
50	27.22	36.181	.	30	27.53	36.039	23.35	454.0	455.2	1542.40	0.1242	18.1
75	27.05	36.202	.	40	27.38	36.138	23.47	442.2	443.9	1542.32	0.1691	32.7
100	25.48	36.226	.	50	27.22	36.181	23.56	434.2	436.3	1542.16	0.2131	51.9
150	22.37	36.717	.	75	27.05	36.202	23.63	427.5	430.6	1542.21	0.3215	118.7
200	19.85	36.629	.	100	25.48	36.226	24.14	378.6	382.7	1539.03	0.4232	211.8
250	17.98	36.424	.	150	22.37	36.717	25.44	255.2	261.1	1532.64	0.5841	463.6
300	16.74	36.226	.	200	19.85	36.629	26.06	195.8	203.1	1526.66	0.7001	784.7
400	14.31	35.829	.	250	17.98	36.424	26.38	165.1	173.7	1521.98	0.7943	1158.3
500	11.95	35.446	.	300	16.74	36.226	26.53	150.9	160.8	1518.92	0.8780	1576.4
600	9.90	35.202	.	400	14.31	35.829	26.78	127.7	139.4	1512.54	1.0281	2529.4
700	7.18	34.892	.	500	11.95	35.446	26.96	110.2	122.9	1505.86	1.1592	3623.0
800	5.67	34.906	.	600	9.90	35.202	27.15	92.8	105.9	1499.95	1.2736	4839.4
900	5.04	34.941	.	700	7.18	34.892	27.33	75.5	86.9	1490.98	1.3700	6161.2
				800	5.67	34.906	27.54	55.4	66.0	1486.66	1.4464	7569.4
				900	5.04	34.941	27.65	45.5	56.3	1485.78	1.5076	9046.4

24 36.5 N 88 47.0 W

[illegible]

CRUISE 66-A-15

1500 GMT NOVEMBER 1, 1966

25 03.0 N 86 56.0 W

1	2	3	4	5	5	7	8	9	10	11	12	13
0	24.71	36.338	.	0	24.71	36.338	24.46	348.0	348.0	1535.69	0.0	0.0
10	24.71	36.338	.	10	24.71	36.338	24.46	348.0	348.5	1535.85	0.0348	1.7
20	24.77	36.400	.	20	24.77	36.400	24.49	345.3	346.1	1536.21	0.0696	7.0
30	24.47	36.349	.	30	24.47	36.349	24.54	340.3	341.5	1535.61	0.1039	15.6
40	24.22	36.376	.	40	24.22	36.376	24.64	331.2	332.9	1535.19	0.1377	27.7
50	21.98	36.306	.	50	21.98	36.306	25.23	274.4	276.3	1529.66	0.1681	43.0
75	19.56	36.596	.	75	19.56	36.596	26.11	190.9	193.7	1523.82	0.2269	92.4
100	18.94	36.532	.	100	18.94	36.532	26.22	180.3	183.8	1522.43	0.2741	155.0
150	17.20	36.280	.	150	17.20	36.280	26.47	157.0	162.5	1517.94	0.3606	313.7
200	15.52	35.911	.	200	15.52	35.911	26.57	147.0	153.3	1513.25	0.4396	513.7
250	13.68	35.699	.	250	13.68	35.699	26.81	124.5	131.6	1507.94	0.5108	751.3
300	11.54	35.388	.	300	11.54	35.388	27.00	107.1	114.5	1501.17	0.5723	1022.1
400	9.14	35.064	.	400	9.14	35.064	27.17	91.0	99.2	1493.78	0.6791	1647.8
500	7.47	34.922	.	500	7.47	34.922	27.31	77.2	85.7	1488.91	0.7716	2373.2
600	6.51	34.874	.	600	6.51	34.874	27.41	68.1	77.1	1486.72	0.8530	3185.5
700	5.63	34.898	.	700	5.63	34.898	27.54	55.5	64.7	1484.87	0.9239	4073.9
800	5.16	34.927	.	800	5.16	34.927	27.62	47.9	57.7	1484.63	0.9851	5028.4
900	4.81	34.951	.	900	4.81	34.951	27.68	42.3	52.5	1484.86	1.0402	6041.0
1000	4.55	34.971	.	1000	4.55	34.971	27.72	38.0	48.9	1485.45	1.0909	7106.6
1100	4.36	34.986	.	1100	4.36	34.986		32.5	44.8	1487.65	1.1846	9382.1
1200	4.28	35.006	.	1200	4.28	35.006	27.78					

25 28.0 N 86 11.0 W

[illegible]

CRUISE 67-A-6 STATION 5-STD

1938 GMT AUGUST 5, 1967

25 51.0 N 94 03.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	35.000	.	0	29.00	35.000	22.08	574.9	574.9	1544.08	0.0	0.0
15	28.75	35.000	.	10	28.83	35.000	22.14	569.6	570.0	1543.89	0.0572	2.9
30	28.50	35.700	.	20	28.77	35.217	22.32	552.2	553.0	1544.15	0.1134	11.4
45	26.30	36.000	.	30	28.50	35.700	22.78	508.7	510.0	1544.20	0.1665	25.4
75	20.06	36.000	.	40	27.18	35.933	23.39	450.6	452.2	1541.68	0.2146	44.4
105	19.02	36.280	.	50	25.16	36.018	24.08	384.3	386.3	1537.29	0.2566	68.0
150	17.00	36.290	.	75	20.06	36.000	25.53	246.6	249.3	1524.63	0.3360	142.1
195	14.80	35.980	.	100	19.02	36.231	25.97	204.1	207.6	1522.37	0.3931	233.2
240	13.00	35.710	.	150	17.00	36.290	26.52	152.1	157.1	1517.35	0.4843	452.6
300	11.25	35.450	.	200	14.58	35.947	26.81	124.5	130.5	1510.32	0.5562	712.7
390	9.25	35.150	.	250	12.67	35.661	26.99	107.8	114.5	1504.55	0.6175	1006.1
510	7.50	34.900	.	300	11.25	35.450	27.10	97.4	104.7	1500.23	0.6723	1328.6
600	6.50	34.850	.	400	9.08	35.122	27.22	85.7	93.8	1493.62	0.7715	2050.5
690	5.80	35.820	.	500	7.62	34.914	27.28	79.9	88.5	1489.47	0.8627	2867.6
810	5.25	34.820	.	600	6.50	34.850	27.39	69.7	78.7	1486.65	0.9462	3772.0
900	4.80	34.850	.	700	5.75	35.764	28.21	-7.9	2.4	1486.45	0.9868	4738.5
990	4.60	34.870	.	800	5.29	34.931	27.61	49.1	59.1	1485.16	1.0175	5740.7
1110	4.20	34.900	.	900	4.80	34.850	27.60	49.7	59.9	1484.68	1.0770	6787.9
1200	4.10	34.900	.	1000	4.56	34.873	27.65	45.5	56.3	1485.37	1.1351	7893.9
				1200	4.10	34.900	27.72	38.7	50.3	1486.75	1.2416	10270.6

CRUISE 67-A-6 STATION 6-STD

2205 GMT AUGUST 5, 1967

25 31.0 N 94 03.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.02	35.060	.	0	30.02	35.060	21.78	603.7	603.7	1546.27	0.0	0.0
15	26.60	35.060	.	10	27.74	35.060	22.55	530.8	531.3	1541.58	0.0567	2.8
30	24.60	35.840	.	20	25.87	35.300	23.32	456.6	457.4	1537.75	0.1062	11.0
45	22.40	36.200	.	30	24.60	35.840	24.12	380.7	382.0	1535.45	0.1481	23.7
75	19.75	36.200	.	40	23.11	36.117	24.77	318.8	320.4	1532.21	0.1833	40.3
105	18.50	36.380	.	50	21.83	36.227	25.22	276.0	278.0	1529.19	0.2132	60.1
150	15.50	36.090	.	75	19.75	36.200	25.76	224.3	227.1	1523.98	0.2763	121.3
180	14.40	35.900	.	100	18.68	36.354	26.15	186.9	190.4	1521.52	0.3285	196.9
240	12.30	35.550	.	150	15.50	36.090	26.72	133.5	138.3	1512.58	0.4107	381.7
300	10.60	35.320	.	200	13.67	35.774	26.87	118.8	124.5	1507.19	0.4764	603.4
390	8.90	35.080	.	250	11.99	35.506	27.00	106.5	112.9	1502.05	0.5357	856.4
510	7.30	34.900	.	300	10.60	35.320	27.12	95.7	102.7	1497.79	0.5896	1137.8
600	6.25	34.820	.	400	8.75	35.060	27.23	85.3	93.2	1492.32	0.6876	1776.4
690	5.50	34.820	.	500	7.41	34.910	27.31	77.3	85.7	1488.68	0.7770	2508.7
810	5.01	34.830	.	600	6.25	34.820	27.40	68.8	77.4	1485.62	0.8586	3326.5
900	4.70	34.850	.	700	5.45	34.820	27.50	59.2	68.1	1484.02	0.9314	4221.6
990	4.40	34.890	.	800	5.04	34.829	27.56	54.0	63.4	1484.00	0.9972	5185.8
1110	4.25	34.890	.	900	4.70	34.850	27.61	48.7	58.6	1484.27	1.0582	6213.5
1200	4.00	34.920	.	1000	4.39	34.890	27.68	42.3	52.7	1484.66	1.1139	7299.6
				1200	4.00	34.920	27.74	36.2	47.6	1486.36	1.2142	9627.7

CRUISE 67-A-6 STATION 7-STD

0220 GMT AUGUST 6, 1967

24 50.0 N 93 55.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.90	36.680	.	0	28.90	36.680	23.38	451.1	451.1	1545.40	0.0	0.0
15	28.80	36.680	.	10	28.83	36.680	23.40	448.9	449.4	1545.43	0.0450	2.3
30	28.70	36.680	.	20	28.93	36.679	23.37	452.2	453.1	1545.80	0.0901	9.0
45	25.60	36.700	.	30	28.70	36.680	23.45	444.7	446.0	1545.47	0.1351	20.3
75	21.50	36.350	.	40	26.76	36.699	24.10	382.9	384.6	1541.41	0.1766	35.9
105	19.80	36.390	.	50	24.74	36.646	24.69	326.6	328.7	1536.83	0.2123	55.3
150	18.20	36.450	.	75	21.50	36.350	25.40	258.4	261.3	1528.84	0.2860	117.6
180	16.40	36.190	.	100	19.98	36.370	25.83	217.9	221.5	1525.18	0.3464	196.6
240	14.40	35.910	.	150	18.20	36.450	26.35	168.4	173.6	1521.04	0.4452	394.5
300	12.40	35.610	.	200	15.61	36.080	26.68	136.7	143.0	1513.72	0.5243	636.9
390	10.10	35.280	.	250	14.05	35.858	26.86	120.3	127.6	1509.34	0.5920	916.0
510	8.20	35.000	.	300	12.40	35.610	27.00	106.4	114.3	1504.38	0.6525	1227.1
600	7.00	34.890	.	400	9.91	35.250	27.18	89.4	98.2	1496.83	0.7587	1932.7
690	6.20	34.850	.	500	8.33	35.017	27.26	82.3	91.6	1492.30	0.8536	2738.9
810	5.40	34.830	.	600	7.00	34.890	27.35	73.2	82.8	1488.66	0.9409	3636.2
900	5.00	34.850	.	700	6.12	34.847	27.44	65.3	75.2	1486.77	1.0199	4616.5
990	4.60	34.870	.	800	5.46	34.830	27.51	58.6	68.7	1485.69	1.0918	5672.4
1110	4.40	34.890	.	900	5.00	34.850	27.58	51.9	62.4	1485.50	1.1574	6797.0
1200	4.30	34.900	.	1000	4.57	34.872	27.64	45.7	56.5	1485.41	1.2169	7984.1
				1200	4.30	34.900	27.70	40.7	52.9	1487.58	1.3262	10527.2

CRUISE 67-A-6 STATION 8-STD

0510 GMT AUGUST 6, 1967

24 55.8 N 93 40.7 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	36.700	.	0	29.00	36.700	23.36	452.9	452.8	1545.63	0.0	0.0
15	28.80	36.600	.	10	28.87	36.633	23.36	453.4	453.8	1545.46	0.0453	2.3
30	25.50	36.690	.	20	27.84	36.656	23.71	419.3	420.2	1543.44	0.0890	9.0
45	22.75	36.120	.	30	25.50	36.690	24.48	345.8	347.0	1538.35	0.1274	19.8
75	21.80	36.350	.	40	23.55	36.321	24.79	316.3	317.9	1533.50	0.1606	34.2
105	20.00	36.410	.	50	22.41	36.101	24.96	300.8	302.8	1530.58	0.1917	51.8
150	17.90	36.430	.	75	21.80	36.350	25.32	266.4	269.3	1529.63	0.2632	108.7
180	17.00	36.380	.	100	20.32	36.407	25.77	223.7	227.3	1526.14	0.3253	182.2
240	14.60	35.890	.	150	17.90	36.430	26.41	162.8	168.0	1520.15	0.4241	369.6
300	12.40	35.590	.	200	16.23	36.235	26.66	138.9	145.4	1515.79	0.5024	601.2
390	9.90	35.210	.	250	14.21	35.832	26.80	125.4	132.7	1509.82	0.5720	869.8
510	7.90	34.980	.	300	12.40	35.590	26.99	107.9	115.8	1504.36	0.6341	1171.3
600	6.80	34.890	.	400	9.69	35.182	27.17	91.0	99.5	1495.96	0.7417	1859.2
690	5.90	34.850	.	500	8.03	34.991	27.28	79.9	89.0	1491.13	0.8360	2648.1
810	5.20	34.850	.	600	6.80	34.890	27.38	70.6	80.0	1487.88	0.9205	3526.4
900	4.80	34.870	.	700	5.83	34.848	27.48	61.6	71.0	1485.59	0.9960	4484.6
990	4.60	34.880	.	800	5.24	34.848	27.55	54.8	64.6	1484.86	1.0638	5514.5
1110	4.20	34.900	.	900	4.80	34.870	27.62	48.2	58.4	1484.71	1.1253	6609.1
1200	3.90	34.900	.	1000	4.57	34.882	27.65	44.9	55.7	1485.40	1.1823	7762.9
				1200	3.90	34.900	27.74	36.7	47.8	1485.92	1.2858	10231.0

CRUISE 67-A-6 STATION 9-STD

0900 GMT AUGUST 6, 1967

25 08.2 N 63 02.4 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.60	36.610	.	0	28.60	36.610	23.43	446.5	446.6	1544.71	0.0	0.0
15	28.60	36.600	.	10	28.60	36.603	23.42	447.0	447.5	1544.87	0.0447	2.2
30	28.60	36.680	.	20	28.77	36.664	23.41	448.0	448.9	1545.43	0.0895	8.9
45	25.60	36.000	.	30	28.60	36.680	23.48	441.5	442.8	1545.26	0.1341	20.1
75	21.40	36.400	.	40	26.73	36.236	23.75	415.3	417.0	1540.96	0.1771	35.7
105	19.80	36.350	.	50	24.73	36.001	24.20	372.8	374.8	1536.23	0.2167	55.4
150	17.90	36.380	.	75	21.40	36.400	25.47	252.2	255.1	1528.63	0.2954	119.4
180	16.30	36.130	.	100	19.97	36.372	25.83	217.3	221.0	1525.14	0.3549	200.7
240	13.90	35.790	.	150	17.90	36.380	26.37	166.4	171.6	1520.10	0.4530	402.7
300	12.30	35.530	.	200	15.40	36.000	26.67	137.8	144.0	1512.96	0.5319	648.9
390	10.00	35.200	.	250	13.60	35.743	26.86	119.8	126.9	1507.74	0.5997	931.8
510	7.80	34.960	.	300	12.30	35.530	26.96	110.4	118.2	1503.95	0.6610	1247.0
600	6.70	34.890	.	400	9.78	35.172	27.14	93.1	101.8	1496.27	0.7710	1962.9
690	5.80	34.930	.	500	7.95	34.972	27.28	80.1	89.1	1490.81	0.8664	2781.6
810	5.20	34.860	.	600	6.70	34.890	27.39	69.3	78.6	1487.49	0.9502	3689.9
900	4.75	34.880	.	700	5.74	34.925	27.55	54.8	64.2	1485.34	1.0216	4675.8
990	4.50	34.890	.	800	5.24	34.866	27.56	53.4	63.2	1484.86	1.0853	5729.2
1200	4.20	34.920	.	900	4.75	34.880	27.63	47.0	57.0	1484.51	1.1454	6844.6
				1000	4.49	34.891	27.67	43.3	53.9	1485.07	1.2008	8017.7
				1200	4.20	34.920	27.72	38.2	50.1	1487.20	1.3048	10523.4

CRUISE 67-A-6 STATION 10-STD

1300 GMT AUGUST 6, 1967

25 22.0 N 92 24.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.80	36.700	.	0	28.80	36.700	23.43	446.4	446.5	1545.21	0.0	0.0
15	28.40	36.620	.	10	28.53	36.647	23.48	441.8	442.2	1544.76	0.0444	2.2
30	28.20	36.650	.	20	28.48	36.633	23.49	441.0	441.9	1544.80	0.0886	8.9
45	25.20	36.510	.	30	28.20	36.650	23.59	431.0	432.3	1544.38	0.1323	19.9
75	22.10	36.390	.	40	26.30	36.563	24.14	378.8	380.5	1540.26	0.1730	35.2
105	20.90	36.400	.	50	24.48	36.478	24.63	331.4	333.5	1536.08	0.2087	54.3
150	19.40	36.420	.	75	22.10	36.390	25.26	271.5	274.4	1530.45	0.2847	115.9
180	17.90	36.340	.	100	21.03	36.394	25.56	242.9	246.7	1528.04	0.3498	195.2
240	15.30	36.040	.	150	19.40	36.420	26.02	199.7	205.1	1524.42	0.4628	398.4
300	13.30	35.750	.	200	16.97	36.250	26.50	154.4	161.0	1518.03	0.5543	652.7
390	10.40	35.280	.	250	14.94	35.992	26.77	128.9	136.5	1512.33	0.6287	948.4
510	8.40	35.030	.	300	13.30	35.750	26.93	113.3	121.7	1507.55	0.6932	1278.9
600	7.20	34.900	.	400	10.18	35.249	27.13	94.0	103.0	1497.82	0.8055	2028.3
690	6.40	34.870	.	500	8.52	35.041	27.25	83.3	92.8	1493.05	0.9034	2882.7
810	5.50	34.830	.	600	7.20	34.900	27.33	75.2	85.0	1489.45	0.9923	3830.6
900	5.00	34.830	.	700	6.32	34.866	27.43	66.3	76.5	1487.56	1.0730	4863.3
990	4.80	34.890	.	800	5.57	34.832	27.50	59.7	70.0	1486.14	1.1463	5973.0
1110	4.40	34.900	.	900	5.00	34.830	27.56	53.4	63.9	1485.47	1.2133	7152.7
1200	4.20	34.910	.	1000	4.77	34.892	27.64	46.2	57.4	1486.23	1.2740	8396.4
				1200	4.20	34.910	27.71	38.9	50.8	1487.18	1.3823	11052.6

CRUISE 67-A-6 STATION 11-STD

1730 GMT AUGUST 6, 1967

25 31.0 N 91 50.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	36.730	.	0	29.00	36.730	23.38	450.7	450.7	1545.65	0.0	0.0
15	28.80	36.720	.	10	28.87	36.723	23.42	446.9	447.4	1545.53	0.0449	2.2
30	25.90	36.790	.	20	27.90	36.783	23.79	412.0	412.8	1543.67	0.0879	8.9
45	24.50	36.060	.	30	25.90	36.790	24.44	350.4	351.7	1539.36	0.1261	19.6
75	21.40	36.390	.	40	24.89	36.315	24.39	354.9	356.5	1536.75	0.1615	34.0
105	19.80	36.320	.	50	23.95	36.046	24.47	347.2	349.2	1534.38	0.1968	51.9
180	16.60	36.150	.	75	21.40	36.390	25.46	252.9	255.8	1528.62	0.2725	110.6
240	14.00	35.890	.	100	20.01	36.345	25.80	220.3	224.0	1525.23	0.3324	186.2
300	12.30	35.600	.	150	17.81	36.228	26.28	175.4	180.6	1519.70	0.4336	377.7
390	10.20	35.250	.	200	15.69	36.071	26.66	138.9	145.2	1513.93	0.5150	614.8
510	7.90	35.000	.	250	13.68	35.841	26.92	114.0	121.2	1508.09	0.5816	888.9
600	6.90	34.890	.	300	12.30	35.600	27.01	105.3	113.2	1504.03	0.6402	1194.4
690	6.00	34.850	.	400	9.98	35.222	27.15	92.6	101.4	1497.04	0.7475	1888.2
810	5.25	34.850	.	500	8.06	35.014	27.30	78.6	87.8	1491.29	0.8420	2683.0
900	4.80	34.860	.	600	6.90	34.890	27.37	71.9	81.4	1488.27	0.9267	3507.3
990	4.70	34.890	.	700	5.92	34.849	27.46	62.7	72.4	1485.98	1.0036	4532.4
1110	4.25	34.900	.	800	5.30	34.848	27.54	55.4	65.3	1485.09	1.0724	5570.4
1200	4.00	34.910	.	900	4.80	34.860	27.61	49.0	59.2	1484.69	1.1347	6674.0
				1000	4.67	34.891	27.65	45.2	56.2	1485.82	1.1924	7837.5
				1200	4.00	34.910	27.74	36.9	48.3	1486.35	1.2969	10326.8

CRUISE 67-A-6 STATION 12-STD

2100 GMT AUGUST 6, 1967

25 39.0 N 91 20.2 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.80	35.300	.	0	28.80	35.300	22.38	547.0	547.0	1543.96	0.0	0.0
15	27.80	35.300	.	10	28.13	35.300	22.60	525.9	526.3	1542.69	0.0537	2.7
30	25.00	36.140	.	20	26.91	35.577	23.20	468.2	469.0	1540.42	0.1034	10.5
45	23.20	36.200	.	30	25.00	36.140	24.22	370.7	371.9	1536.69	0.1455	23.0
75	19.60	36.320	.	40	23.74	36.223	24.66	328.8	330.4	1533.89	0.1806	39.3
105	18.40	36.320	.	50	22.52	36.224	25.02	294.8	296.7	1530.96	0.2119	58.9
150	16.60	36.280	.	75	19.60	36.320	25.89	211.9	214.6	1523.68	0.2758	119.9
240	13.50	35.800	.	100	18.52	36.325	26.17	185.0	188.6	1521.02	0.3262	195.1
300	11.80	35.550	.	150	16.60	36.280	26.61	143.8	148.7	1516.14	0.4106	379.3
390	9.40	35.150	.	200	14.80	36.038	25.83	122.4	128.4	1511.11	0.4798	601.9
510	7.50	34.910	.	250	13.20	35.757	26.96	110.9	117.9	1506.44	0.5414	857.3
600	6.60	34.840	.	300	11.80	35.550	27.07	99.8	107.4	1502.26	0.5977	1142.0
690	5.70	34.820	.	400	9.20	35.120	27.20	87.7	96.0	1494.07	0.6995	1790.6
810	5.10	34.850	.	500	7.61	34.920	27.29	79.3	87.9	1489.47	0.7914	2536.1
900	4.70	34.870	.	600	6.60	34.840	27.37	71.8	80.9	1487.03	0.8758	3369.7
990	4.40	34.890	.	700	5.64	34.821	27.48	61.3	70.5	1484.79	0.9515	4283.3
1110	4.20	34.910	.	800	5.14	34.846	27.56	53.7	63.3	1484.42	1.0184	5268.2
1200	4.00	34.920	.	900	4.70	34.870	27.63	47.2	57.1	1484.30	1.0786	6316.7
				1000	4.38	34.892	27.68	42.2	52.5	1484.64	1.1334	7422.7
				1200	4.00	34.920	27.74	36.2	47.6	1486.36	1.2336	9789.7

25 57.0 N 90 09.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	35.770	.	0	29.00	35.770	22.66	519.6	519.6	1544.84	0.0	0.0
10	29.10	35.770	.	10	29.10	35.770	22.63	522.8	523.3	1545.21	0.0521	2.6
20	28.60	35.970	.	20	28.60	35.970	22.95	492.5	493.3	1544.50	0.1030	10.4
30	26.30	36.150	.	30	26.30	36.150	23.83	408.4	409.7	1539.73	0.1481	22.9
40	24.10	36.250	.	40	24.10	36.250	24.58	336.9	338.5	1534.78	0.1855	39.6
50	22.40	36.060	.	50	22.40	36.060	24.93	303.5	305.4	1530.51	0.2177	59.8
75	19.00	36.280	.	75	19.00	36.280	26.02	200.0	202.7	1521.96	0.2812	122.1
100	17.90	36.280	.	100	17.90	36.280	26.29	173.6	177.1	1519.20	0.3287	198.4
150	15.10	35.970	.	150	15.10	35.970	26.71	133.7	138.3	1511.20	0.4076	382.4
200	13.60	35.740	.	200	13.60	35.740	26.86	119.9	125.6	1506.92	0.4735	602.7
250	12.40	35.530	.	250	12.40	35.530	26.94	112.3	118.9	1503.48	0.5346	854.7
300	10.80	35.350	.	300	10.80	35.350	27.10	96.9	104.0	1498.53	0.5904	1136.0
400	8.70	35.000	.	400	8.70	35.000	27.19	89.1	96.8	1492.07	0.6908	1776.6
500	7.20	34.860	.	500	7.20	34.860	27.30	78.1	86.3	1487.79	0.7823	2513.1
600	6.00	34.840	.	600	6.00	34.840	27.45	64.3	72.6	1484.66	0.8618	3335.2
700	5.50	34.850	.	700	5.50	34.850	27.52	57.6	66.6	1484.28	0.9314	4231.8
800	4.90	34.860	.	800	4.90	34.860	27.60	50.1	59.3	1483.48	0.9944	5194.7
900	4.40	34.870	.	900	4.40	34.870	27.66	44.0	53.4	1483.06	1.0507	6217.3
1000	4.30	34.880	.	1000	4.30	34.880	27.68	42.2	52.4	1484.29	1.1036	7294.5
1100	4.10	34.900	.	1100	4.10	34.900	27.74	36.9	48.3	1486.35	1.2044	9602.6
1200	4.00	34.910	.	1200	4.00	34.910	27.74					

26 14.5 N 88 49.0 W

[illegible]

CRUISE 67-A-6 STATION 17-STD

1700 GMT AUGUST 7, 1967

26 19.8 N 88 17.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	36.190	.	0	29.00	36.190	22.98	489.5	489.5	1545.21	0.0	0.0
15	24.00	36.190	.	10	25.67	36.190	24.06	386.7	387.1	1537.98	0.0438	2.2
30	22.30	36.080	.	20	23.22	36.136	24.75	320.5	321.3	1532.18	0.0792	8.3
45	21.10	36.390	.	30	22.30	36.080	24.97	299.3	300.4	1529.95	0.1103	17.8
75	19.70	36.490	.	40	21.45	36.273	25.36	262.8	264.3	1528.09	0.1386	30.3
105	18.60	36.490	.	50	20.81	36.434	25.66	234.3	236.2	1526.69	0.1636	45.4
150	17.50	36.360	.	75	19.70	36.490	25.99	202.1	204.8	1524.11	0.2187	93.2
180	16.60	36.280	.	100	18.76	36.496	26.24	178.6	182.2	1521.89	0.2671	153.9
240	14.50	35.950	.	150	17.50	36.360	26.45	158.5	163.6	1518.91	0.3536	309.1
300	11.00	35.560	.	200	16.00	36.186	26.68	137.4	143.8	1515.02	0.4304	505.1
390	7.00	34.890	.	250	13.94	35.889	26.90	115.8	123.1	1509.01	0.4971	736.9
510	6.40	34.860	.	300	11.00	35.560	27.23	84.9	92.1	1499.49	0.5509	998.9
600	6.20	34.820	.	400	6.84	34.869	27.36	72.7	79.0	1484.79	0.6365	1592.7
690	5.25	34.830	.	500	6.34	34.844	27.41	68.2	75.5	1484.40	0.7137	2267.8
810	4.80	34.850	.	600	6.20	34.820	27.41	68.2	76.8	1485.43	0.7899	3019.6
900	4.50	34.880	.	700	5.19	34.831	27.54	55.5	64.0	1483.01	0.8603	3844.7
990	4.40	34.890	.	800	4.82	34.848	27.60	50.1	59.2	1483.13	0.9219	4735.8
1110	4.20	34.900	.	900	4.50	34.880	27.66	44.3	53.9	1483.49	0.9785	5686.1
1200	4.00	34.900	.	1000	4.39	34.891	27.68	42.3	52.6	1484.66	1.0318	6691.2
				1200	4.00	34.900	27.73	37.7	49.0	1486.34	1.1335	8856.5

CRUISE 67-A-6 STATION 18-STD

2220 GMT AUGUST 7, 1967

26 25.0 N 87 42.4 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	35.800	.	0	30.00	35.800	22.35	549.9	549.9	1546.94	0.0	0.0
15	29.50	35.790	.	10	29.67	35.793	22.46	539.5	540.0	1546.41	0.0545	2.7
30	27.20	36.080	.	20	28.92	35.880	22.77	509.1	509.9	1545.09	0.1070	10.8
45	23.40	36.190	.	30	27.20	36.080	23.49	440.8	442.1	1541.70	0.1546	23.9
75	20.40	36.200	.	40	24.66	36.167	24.35	359.0	360.7	1536.08	0.1947	41.3
105	19.20	36.320	.	50	22.62	36.198	24.97	299.6	301.6	1531.21	0.2278	62.5
150	17.75	36.290	.	75	20.40	36.200	25.59	240.7	243.5	1525.76	0.2960	127.9
180	16.00	36.120	.	100	19.33	36.300	25.95	206.7	210.3	1523.31	0.3527	209.0
240	13.80	35.720	.	150	17.75	36.290	26.34	169.4	174.5	1519.57	0.4489	409.4
300	12.00	35.490	.	200	15.15	35.982	26.71	133.9	140.1	1512.16	0.5276	653.6
390	9.80	35.120	.	250	13.48	35.676	26.84	122.2	129.2	1507.25	0.5949	934.2
510	7.80	34.950	.	300	12.00	35.490	26.99	107.8	115.6	1502.88	0.6561	1246.9
600	6.60	34.820	.	400	9.60	35.099	27.12	95.7	104.2	1495.53	0.7659	1957.9
690	6.00	34.820	.	500	7.94	34.957	27.27	81.1	90.1	1490.75	0.8631	2772.4
810	5.20	34.840	.	600	6.60	34.820	27.35	73.3	82.3	1487.00	0.9493	3678.6
900	4.70	34.870	.	700	5.93	34.821	27.44	64.9	74.5	1485.97	1.0277	4667.0
990	4.50	34.900	.	800	5.26	34.837	27.54	55.8	65.6	1484.93	1.0977	5729.7
1110	4.30	34.900	.	900	4.70	34.870	27.63	47.2	57.1	1484.30	1.1591	6858.1
1200	4.30	34.900	.	1000	4.48	34.901	27.68	42.5	53.1	1485.05	1.2142	8044.8
				1200	4.30	34.900	27.70	40.7	52.9	1487.58	1.3202	10579.2

CRUISE 67-A-6 STATION 19-STD

0100 GMT AUGUST 8, 1967

26 32.0 N 87 07.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.50	36.120	.	0	30.50	36.120	22.41	543.4	543.4	1548.24	0.0	0.0
15	24.00	36.200	.	10	26.17	36.173	23.89	402.7	403.2	1539.13	0.0473	2.4
30	21.75	36.230	.	20	22.96	36.209	24.88	307.9	308.7	1531.59	0.0829	8.9
45	20.50	36.320	.	30	21.75	36.230	25.24	273.7	274.8	1528.66	0.1121	18.6
75	18.75	36.320	.	40	20.85	36.290	25.54	245.7	247.3	1526.49	0.1382	31.1
105	17.70	36.300	.	50	20.15	36.329	25.75	225.0	226.8	1524.80	0.1619	46.2
150	15.50	35.980	.	75	18.75	36.320	26.11	191.0	193.7	1521.29	0.2145	93.2
210	14.50	35.820	.	100	17.86	36.309	26.33	170.6	174.1	1519.12	0.2604	152.6
240	12.60	35.600	.	150	15.50	35.980	26.63	141.5	146.2	1512.46	0.3405	302.8
300	10.60	35.300	.	200	14.72	35.849	26.71	134.6	140.6	1510.66	0.4122	491.0
390	8.80	35.020	.	250	12.16	35.540	27.00	107.1	113.6	1502.68	0.4758	713.0
510	7.30	34.890	.	300	10.60	35.300	27.10	97.2	104.1	1497.76	0.5302	964.5
600	6.40	34.830	.	400	8.65	35.003	27.20	88.1	95.9	1491.88	0.6303	1544.8
690	5.70	34.820	.	500	7.40	34.894	27.30	78.3	86.7	1488.60	0.7216	2220.7
810	5.00	34.850	.	600	6.40	34.830	27.39	70.0	78.8	1486.23	0.8043	2983.6
900	4.75	34.870	.	700	5.63	34.822	27.48	61.2	70.4	1484.76	0.8789	3825.2
990	4.40	34.890	.	800	5.05	34.847	27.57	52.7	62.2	1484.05	0.9452	4737.3
1110	4.30	34.900	.	900	4.75	34.870	27.62	47.7	57.7	1484.50	1.0052	5712.4
1200	4.20	34.910	.	1000	4.38	34.891	27.68	42.3	52.6	1484.65	1.0603	6745.2
				1200	4.20	34.910	27.71	38.9	50.8	1487.18	1.1638	8959.4

CRUISE 67-A-6 STATION 20-SYD

0500 GMT AUGUST 8, 1967

26 35.0 N 86 38.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.10	36.410	.	0	30.10	36.410	22.77	509.4	509.4	1547.67	0.0	0.0
15	26.00	36.100	.	10	27.37	36.203	23.53	437.1	437.5	1541.86	0.0473	2.4
30	22.60	36.390	.	20	24.78	36.189	24.33	360.7	361.6	1536.04	0.0873	9.1
45	20.10	36.220	.	30	22.60	36.390	25.12	285.1	286.2	1531.01	0.1197	19.4
75	17.50	36.220	.	40	20.84	36.296	25.54	245.1	246.6	1526.47	0.1433	32.8
105	15.90	36.050	.	50	19.52	36.210	25.83	217.9	219.6	1522.95	0.1696	48.5
150	14.20	35.720	.	75	17.50	36.220	26.35	168.7	171.2	1517.57	0.2185	97.1
210	12.20	35.450	.	100	16.12	36.086	26.57	147.3	150.5	1513.68	0.2587	156.7
240	11.00	35.300	.	150	14.20	35.720	26.72	133.4	137.7	1508.05	0.3308	304.1
300	9.50	35.120	.	200	12.54	35.490	26.88	117.9	123.2	1503.11	0.3960	485.8
390	8.50	34.900	.	250	10.69	35.263	27.06	101.3	107.2	1497.22	0.4536	698.2
510	6.80	34.820	.	300	9.50	35.120	27.15	92.5	98.8	1493.57	0.5051	937.9
600	6.30	34.810	.	400	8.34	34.887	27.15	92.2	99.6	1490.59	0.6043	1492.6
690	5.50	34.820	.	500	6.93	34.821	27.31	77.5	85.4	1486.68	0.6968	2143.2
810	5.10	34.870	.	600	6.30	34.810	27.38	70.2	78.9	1485.81	0.7790	2881.0
900	4.70	34.880	.	700	5.46	34.824	27.50	59.0	67.9	1484.07	0.8524	3696.7
990	4.60	34.900	.	800	5.12	34.866	27.58	52.1	61.7	1484.39	0.9172	4581.6
1110	4.50	34.910	.	900	4.70	34.880	27.64	46.4	56.4	1484.31	0.9763	5528.3
1200	4.50	34.910	.	1000	4.59	34.901	27.67	43.6	54.5	1485.51	1.0317	6532.3
				1200	4.50	34.910	27.68	42.0	54.8	1488.43	1.1410	8705.0

CRUISE 67-A-6 STATION 22-STD

1300 GMT AUGUST 8, 1967

26 49.5 N 85 27.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.40	36.340	.	0	30.40	36.340	22.61	524.3	524.4	1548.22	0.0	0.0
10	25.70	35.600	.	10	25.70	35.600	23.60	430.1	430.5	1537.50	0.0477	2.4
20	22.30	36.150	.	20	22.30	36.150	25.03	294.3	295.1	1529.86	0.0840	9.0
30	21.00	36.250	.	30	21.00	36.250	25.46	252.6	253.7	1526.70	0.1115	18.7
40	19.80	36.300	.	40	19.80	36.300	25.82	218.3	219.8	1523.65	0.1351	31.1
50	18.60	36.300	.	50	18.60	36.300	26.13	188.9	190.6	1520.44	0.1556	45.6
75	17.40	36.250	.	75	17.40	36.250	26.39	164.2	166.8	1517.30	0.2003	90.1
100	16.70	36.120	.	100	16.70	36.120	26.46	157.7	161.0	1515.48	0.2413	145.3
150	15.30	35.930	.	150	15.30	35.930	26.64	140.9	145.5	1511.78	0.3179	285.1
200	14.10	35.720	.	200	14.10	35.720	26.74	131.4	137.2	1508.53	0.3886	461.7
250	12.70	35.500	.	250	12.70	35.500	26.86	120.1	126.9	1504.46	0.4546	672.5
300	11.50	35.340	.	300	11.50	35.340	26.97	109.9	117.3	1500.97	0.5156	915.1
400	9.00	35.000	.	400	9.00	35.000	27.14	93.6	101.7	1493.19	0.6251	1485.4
500	7.90	34.890	.	500	7.90	34.890	27.22	85.6	94.5	1490.52	0.7232	2159.6
600	6.70	34.830	.	600	6.70	34.830	27.35	73.8	83.0	1487.41	0.8119	2927.1
700	6.00	34.820	.	700	6.00	34.820	27.43	65.8	75.4	1486.25	0.8911	3778.6
800	5.60	34.850	.	800	5.60	34.850	27.51	58.8	69.2	1486.31	0.9634	4705.8
1000	4.70	34.900	.	900	5.12	34.880	27.59	51.0	61.8	1486.02	1.0289	5701.9
1100	4.50	34.900	.	1000	4.70	34.900	27.65	44.9	56.0	1485.97	1.0878	6760.3
1200	4.40	34.910	.	1200	4.40	34.910	27.69	41.0	53.4	1488.01	1.1972	9045.2

CRUISE 67-A-6 STATION 23-STD

1825 GMT AUGUST 8, 1967

26 58.0 N 84 56.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	36.100	.	0	30.00	36.100	22.57	528.4	528.4	1547.21	0.0	0.0
10	29.30	36.030	.	10	29.30	36.030	22.76	510.6	511.0	1545.86	0.0520	2.6
20	28.40	35.940	.	20	28.40	35.940	22.99	488.3	489.1	1544.04	0.1020	10.3
30	27.50	36.060	.	30	27.50	36.060	23.38	451.5	452.7	1542.35	0.1491	22.8
40	26.60	36.100	.	40	26.60	36.100	23.69	421.1	422.7	1540.53	0.1928	39.9
50	25.50	36.300	.	50	25.50	36.300	24.19	373.8	375.8	1538.34	0.2328	61.2
75	23.20	36.410	.	75	23.20	36.410	24.96	300.1	303.1	1533.27	0.3176	130.0
100	21.00	36.490	.	100	21.00	36.490	25.65	235.2	239.0	1528.05	0.3854	217.9
150	18.00	36.270	.	150	18.00	36.270	26.26	176.7	181.9	1520.28	0.4906	436.9
200	16.40	36.020	.	200	16.40	36.020	26.46	158.3	164.7	1516.07	0.5773	703.9
250	15.20	35.800	.	250	15.20	35.800	26.56	148.3	155.9	1512.93	0.6575	1012.6
300	13.20	35.600	.	300	13.20	35.600	26.83	122.4	130.6	1507.05	0.7291	1359.2
400	10.00	35.100	.	400	10.00	35.100	27.05	102.0	110.7	1496.97	0.8498	2148.6

CRUISE 67-A-6 STATION 24-STD

2000 GMT AUGUST 8, 1967

27 03.0 N 84 35.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.80	35.950	.	0	29.80	35.950	22.53	532.6	532.6	1546.67	0.0	0.0
15	28.90	35.950	.	10	29.20	35.950	22.73	513.1	513.5	1545.58	0.0523	2.6
30	28.00	36.000	.	20	28.59	35.963	22.95	492.7	493.5	1544.47	0.1027	10.4
45	27.30	36.070	.	30	28.00	36.000	23.17	471.4	472.7	1543.39	0.1510	23.0
75	25.50	36.300	.	40	27.53	36.044	23.35	453.6	455.3	1542.56	0.1974	40.5
105	21.75	36.500	.	50	27.09	36.105	23.54	435.5	437.6	1541.80	0.2420	62.4
150	19.75	36.500	.	75	25.50	36.300	24.19	373.8	376.9	1538.74	0.3438	135.7
165	19.50	36.500	.	100	22.38	36.473	25.25	273.0	276.9	1531.63	0.4255	231.8
				150	19.75	36.500	25.99	202.6	208.1	1525.46	0.5468	474.9

CRUISE 67-A-6 STATION 25-STD

2300 GMT AUGUST 8, 1967

27 29.5 N 84 38.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.60	35.850	.	0	30.60	35.850	22.18	566.1	566.2	1548.21	0.0	0.0
15	29.60	36.080	.	10	29.93	36.003	22.52	533.1	533.6	1547.15	0.0550	2.7
30	29.00	36.180	.	20	29.46	36.119	22.77	509.2	510.1	1546.43	0.1072	10.9
45	27.00	36.300	.	30	29.00	36.180	22.97	490.2	491.5	1545.69	0.1573	24.1
75	23.75	36.400	.	40	27.73	36.261	23.45	444.2	445.9	1543.20	0.2041	42.1
105	21.20	36.600	.	50	26.40	36.320	23.92	399.2	401.3	1540.43	0.2465	64.7
150	19.70	35.530	.	75	23.75	36.400	24.79	316.2	319.2	1534.62	0.3365	137.6
				100	21.56	36.589	25.57	242.7	246.6	1529.61	0.4073	230.5
				150	19.70	35.530	25.26	271.6	276.9	1524.36	0.5381	466.9

CRUISE 67-A-6 STATION 26-STD

0140 GMT AUGUST 9, 1967

27 55.5 N 84 41.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	31.20	34.100	.	0	31.20	34.100	20.66	711.8	711.8	1547.61	0.0	0.0
15	29.70	35.700	.	10	30.20	35.167	21.80	601.9	602.4	1546.91	0.0657	3.3
30	28.90	36.150	.	20	29.48	35.931	22.62	523.7	524.5	1546.32	0.1221	12.7
45	26.50	36.300	.	30	28.90	36.150	22.98	489.1	490.4	1545.45	0.1728	27.4
75	22.00	36.400	.	40	27.38	36.270	23.57	432.8	434.5	1542.44	0.2190	47.0
105	20.30	36.520	.	50	25.64	36.325	24.17	376.1	378.2	1538.68	0.2597	70.9
120	20.00	36.520	.	75	22.00	36.400	25.30	268.1	271.1	1530.20	0.3408	146.0
				100	20.44	36.505	25.81	219.6	223.3	1526.54	0.4026	238.9

CRUISE 67--A-6 STATION 27-STD

0400 GMT AUGUST 9, 1967

27 50.0 N 85 06.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.90	35.040	.	0	29.90	35.040	21.81	601.2	601.1	1546.00	0.0	0.0
10	29.80	35.750	.	10	29.80	35.750	22.38	546.9	547.3	1546.65	0.0574	2.0
20	29.70	36.150	.	20	29.70	36.150	22.71	515.0	515.9	1546.96	0.1106	11.3
30	28.50	36.150	.	30	28.50	36.150	23.12	476.4	477.6	1544.60	0.1603	24.8
40	26.50	36.180	.	40	26.50	36.180	23.79	412.3	414.0	1540.38	0.2048	43.1
50	25.60	36.360	.	50	25.60	36.360	24.20	372.5	374.5	1538.62	0.2443	65.5
75	21.90	36.270	.	75	21.90	36.270	25.23	274.8	277.8	1529.82	0.3258	136.8
100	20.00	36.410	.	100	20.00	36.410	25.85	215.4	219.1	1525.27	0.3879	226.0
150	17.50	36.200	.	150	17.50	36.200	26.33	170.1	175.2	1518.75	0.4865	444.6
200	16.50	36.100	.	200	16.50	36.100	26.49	154.7	161.1	1516.46	0.5705	708.8
250	14.70	35.760	.	250	14.70	35.760	26.64	140.7	148.2	1511.30	0.6479	1013.4
300	12.60	35.450	.	300	12.60	35.450	26.84	121.9	129.8	1504.87	0.7174	1354.7

CRUISE 67-A-6 STATION 28-STD

0635 GMT AUGUST 9, 1967

27 44.4 N 85 32.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.60	36.120	.	0	30.60	36.120	22.38	546.8	546.7	1548.44	0.0	0.0
15	29.30	36.030	.	10	29.73	36.060	22.63	522.5	523.0	1546.79	0.0535	2.7
30	27.50	36.000	.	20	28.67	36.008	22.95	492.0	492.9	1544.68	0.1043	10.6
45	26.70	36.120	.	30	27.50	36.000	23.33	455.8	457.1	1542.30	0.1518	23.4
75	22.80	36.320	.	40	26.95	36.072	23.56	433.8	435.5	1541.31	0.1964	40.8
105	22.00	36.100	.	50	26.05	36.170	23.92	399.5	401.6	1539.50	0.2383	62.5
150	17.40	36.170	.	75	22.80	36.320	25.01	295.6	298.5	1532.18	0.3258	133.0
180	15.20	35.900	.	100	22.09	36.144	25.08	289.0	292.9	1530.59	0.3997	223.7
240	14.20	35.720	.	150	17.40	36.170	26.33	170.0	175.1	1518.42	0.5167	452.8
300	12.60	35.470	.	200	14.65	35.817	26.70	135.5	141.4	1510.40	0.5958	730.9
390	10.40	35.200	.	250	13.95	35.679	26.74	131.4	138.6	1508.80	0.6658	1046.3
510	8.25	34.950	.	300	12.60	35.470	26.85	120.4	128.4	1504.89	0.7325	1395.9
600	7.00	34.870	.	400	10.19	35.174	27.07	99.7	108.6	1497.76	0.8511	2187.7
690	6.30	34.810	.	500	8.40	34.965	27.21	87.2	96.6	1492.51	0.9537	3090.1
810	5.60	34.850	.	600	7.00	34.870	27.34	74.7	84.3	1488.64	1.0442	4089.0
				700	6.24	34.813	27.39	69.2	79.3	1487.20	1.1260	5174.1
				800	5.66	34.847	27.50	59.7	70.2	1486.53	1.2007	6337.5

27 37.0 N 86 04.5 W

[illegible]

CRUISE 67-A-6 STATION 31-STD

1650 GMT AUGUST 9, 1967

27 22.8 N 87 10.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.50	35.780	.	0	30.50	35.780	22.16	567.8	567.8	1547.94	0.0	0.0
15	28.90	36.040	.	10	29.43	35.953	22.65	520.4	520.9	1546.08	0.0544	2.7
30	26.50	36.200	.	20	28.13	36.102	23.20	468.2	469.1	1543.61	0.1039	10.6
45	24.30	36.300	.	30	26.50	36.200	23.80	410.9	412.1	1540.23	0.1480	23.2
75	20.90	36.220	.	40	25.00	36.275	24.32	361.1	362.7	1536.98	0.1867	40.0
105	19.90	36.380	.	50	23.60	36.291	24.76	319.9	321.9	1533.76	0.2210	60.4
150	17.90	36.250	.	75	20.90	36.220	25.47	252.2	254.9	1527.13	0.2931	124.6
180	15.00	35.800	.	100	19.99	36.352	25.81	219.4	223.0	1525.19	0.3528	205.3
240	13.60	35.600	.	150	17.90	36.250	26.27	175.8	181.0	1519.97	0.4538	407.0
300	12.00	35.380	.	200	14.22	35.683	26.69	136.5	142.4	1508.87	0.5346	654.1
390	10.20	35.190	.	250	13.33	35.561	26.78	127.7	134.6	1506.63	0.6039	938.8
510	7.90	34.900	.	300	12.00	35.380	26.90	115.9	123.6	1502.74	0.6684	1256.8
600	6.75	34.820	.	400	9.99	35.163	27.10	97.2	106.0	1497.01	0.7832	1982.6
690	6.20	34.820	.	500	8.07	34.921	27.22	85.7	94.8	1491.21	0.8836	2816.0
810	5.50	34.840	.	600	6.75	34.820	27.33	75.2	84.5	1487.59	0.9732	3744.4
900	5.00	34.850	.	700	6.14	34.821	27.41	67.4	77.3	1486.81	1.0540	4758.0
990	4.80	34.880	.	800	5.56	34.838	27.50	59.2	69.5	1486.11	1.1274	5848.7
1110	4.50	34.900	.	900	5.00	34.850	27.58	51.9	62.4	1485.50	1.1933	7009.1
1200	4.40	34.900	.	1000	4.77	34.883	27.63	47.0	58.3	1486.24	1.2537	8232.6
				1200	4.40	34.900	27.69	41.7	54.2	1488.00	1.3661	10852.4

CRUISE 67-A-6 STATION 32-STD

2200 GMT AUGUST 9, 1967

27 51.5 N 87 35.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.60	36.200	.	0	30.60	36.200	22.44	541.0	541.0	1548.51	0.0	0.0
15	29.50	36.220	.	10	29.87	36.213	22.70	515.9	516.3	1547.20	0.0529	2.6
30	27.60	36.290	.	20	29.02	36.238	23.01	486.7	487.6	1545.62	0.1031	10.4
45	23.70	36.400	.	30	27.60	36.290	23.52	438.1	439.4	1542.77	0.1494	23.1
75	20.00	36.350	.	40	25.04	36.366	24.38	355.5	357.0	1537.14	0.1892	40.0
105	18.40	36.380	.	50	22.82	36.401	25.07	290.3	292.3	1531.90	0.2217	60.5
150	16.40	36.020	.	75	20.00	36.350	25.81	219.7	222.5	1524.81	0.2860	124.0
180	14.40	35.750	.	100	18.59	36.380	26.20	182.7	186.3	1521.28	0.3371	201.9
240	13.50	35.620	.	150	16.40	36.020	26.46	158.3	163.1	1515.27	0.4245	392.3
300	11.50	35.350	.	200	13.93	35.684	26.75	130.6	136.4	1507.94	0.4994	623.3
390	9.50	35.100	.	250	13.19	35.577	26.82	123.8	130.7	1506.18	0.5661	889.7
510	7.70	34.880	.	300	11.50	35.350	26.97	109.1	116.5	1500.98	0.6279	1188.2
690	6.00	34.820	.	400	9.32	35.076	27.15	92.9	101.2	1494.47	0.7368	1870.6
810	5.40	34.840	.	500	7.82	34.893	27.24	84.2	93.1	1490.22	0.8340	2656.0
900	5.10	34.880	.	600	6.71	34.823	27.34	74.5	83.7	1487.46	0.9223	3534.1
990	4.90	34.890	.	700	5.94	34.820	27.44	65.0	74.6	1486.00	1.0015	4496.0
1110	4.50	34.900	.	800	5.44	34.837	27.51	57.9	68.0	1485.63	1.0728	5533.2
1200	4.50	34.920	.	900	5.10	34.880	27.59	50.8	61.6	1485.95	1.1376	6638.4
				1000	4.86	34.891	27.63	47.4	58.8	1486.61	1.1978	7806.1
				1200	4.50	34.920	27.69	41.3	54.0	1488.44	1.3106	10314.5

CRUISE 67-A-6 STATION 33-STD

0145 GMT AUGUST 10, 1967

28 20.0 N 88 02.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.80	36.320	.	0	29.80	36.320	22.80	506.0	506.1	1546.99	0.0	0.0
15	29.80	36.320	.	10	29.80	36.320	22.80	506.0	506.5	1547.15	0.0506	2.5
30	26.20	36.190	.	20	28.70	36.269	23.14	474.2	475.0	1544.97	0.0997	10.0
45	24.40	36.320	.	30	26.20	36.190	23.89	402.6	403.8	1539.54	0.1436	22.2
75	20.70	36.380	.	40	24.90	36.266	24.35	358.8	360.4	1536.73	0.1818	38.5
105	18.40	36.310	.	50	23.74	36.344	24.76	320.0	322.0	1534.14	0.2160	58.4
150	16.10	35.920	.	75	20.70	36.380	25.64	235.4	238.2	1526.74	0.2860	121.1
210	13.90	35.700	.	100	18.71	36.331	26.13	189.3	192.8	1521.59	0.3399	199.4
240	13.10	35.680	.	150	16.10	35.920	26.45	158.9	163.8	1514.25	0.4290	391.6
300	11.60	35.380	.	200	14.20	35.716	26.71	133.7	139.6	1508.87	0.5049	625.1
390	9.50	35.040	.	250	12.84	35.640	26.94	112.6	119.4	1505.10	0.5696	893.7
510	7.60	34.890	.	300	11.60	35.380	26.98	108.7	116.2	1501.37	0.6285	1193.2
600	6.50	34.820	.	400	9.31	35.020	27.10	97.0	105.2	1494.36	0.7392	1877.1
690	6.00	34.820	.	500	7.73	34.895	27.25	82.8	91.5	1489.87	0.8376	2665.5
810	5.50	34.850	.	600	6.50	34.820	27.37	72.0	80.9	1486.61	0.9238	3546.2
900	5.20	34.890	.	700	5.95	34.821	27.44	65.1	74.7	1486.06	1.0016	4508.9
990	4.80	34.900	.	800	5.54	34.846	27.51	58.3	68.6	1486.04	1.0733	5546.4
1110	4.50	34.900	.	900	5.20	34.890	27.59	51.2	62.1	1486.37	1.1387	6652.4
1200	4.50	34.910	.	1000	4.76	34.900	27.64	45.6	56.8	1486.23	1.1982	7820.9
				1200	4.50	34.910	27.68	42.0	54.8	1488.42	1.3098	10328.8

CRUISE 67-A-6 STATION 35-STD

0900 GMT AUGUST 10, 1967

29 01.8 N 88 46.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.70	36.120	.	0	29.70	36.120	22.69	517.1	517.1	1546.61	0.0	0.0
10	29.70	36.150	.	10	29.70	36.150	22.71	515.0	515.4	1546.80	0.0516	2.6
20	29.50	36.350	.	20	29.50	36.350	22.93	494.1	495.0	1546.72	0.1021	10.3
30	27.20	36.250	.	30	27.20	36.250	23.62	428.6	429.9	1541.85	0.1484	22.8
40	26.00	36.310	.	40	26.00	36.310	24.04	387.9	389.6	1539.35	0.1894	39.7
50	23.50	36.210	.	50	23.50	36.210	24.72	322.9	324.9	1533.43	0.2251	60.4
75	20.20	36.350	.	75	20.20	36.350	25.76	224.8	227.6	1525.36	0.2941	125.3
100	19.50	36.400	.	100	19.50	36.400	25.98	203.6	207.2	1523.87	0.3485	205.6
150	18.00	36.340	.	150	18.00	36.340	26.32	171.6	176.8	1520.35	0.4445	403.9

CRUISE 67-A-6 STATION 36-STD

1020 GMT AUGUST 10, 1967

28 56.5 N 88 58.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.90	35.100	.	0	29.90	35.100	21.86	596.9	596.8	1546.07	0.0	0.0
10	29.80	36.100	.	10	29.80	36.100	22.64	521.8	522.3	1546.96	0.0560	2.8
20	29.50	36.150	.	20	29.50	36.150	22.78	508.5	509.3	1546.55	0.1075	11.0
30	26.40	36.300	.	30	26.40	36.300	23.91	400.7	401.9	1540.09	0.1531	24.0
40	24.10	36.320	.	40	24.10	36.320	24.63	331.9	333.5	1534.85	0.1899	41.2
50	22.50	36.340	.	50	22.50	36.340	25.11	286.0	287.9	1531.03	0.2209	61.7
75	20.40	36.390	.	75	20.40	36.390	25.73	227.0	229.8	1525.94	0.2856	125.0
100	19.50	36.400	.	100	19.50	36.400	25.98	203.6	207.2	1523.87	0.3403	203.3

CRUISE 67-A-6 STATION 37-STD

1140 GMT AUGUST 10, 1967

28 50.5 N 89 09.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	31.900	.	0	30.00	31.900	19.43	830.1	830.0	1542.22	0.0	0.0
10	29.80	36.370	.	10	29.80	36.370	22.84	502.5	502.8	1547.19	0.0666	3.3
20	29.00	36.350	.	20	29.00	36.350	23.10	478.0	478.8	1545.67	0.1157	12.5
30	26.40	36.250	.	30	26.40	36.250	23.87	404.2	405.5	1540.05	0.1599	26.2
40	24.50	36.350	.	40	24.50	36.350	24.53	341.1	342.8	1535.84	0.1974	44.1
50	22.00	36.420	.	50	22.00	36.420	25.32	266.7	268.6	1529.81	0.2279	65.4
75	20.40	36.420	.	75	20.40	36.420	25.76	224.8	227.6	1525.97	0.2900	130.1
100	19.50	36.410	.	100	19.50	36.410	25.99	202.9	206.5	1523.88	0.3442	209.4

CRUISE 67-A-6 STATION 38-STD

1305 GMT AUGUST 10, 1967

28 44.0 N 89 20.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.20	30.560	.	0	30.20	30.560	18.36	933.0	933.0	1540.47	0.0	0.0
15	29.50	36.300	.	10	29.73	34.387	21.38	642.7	643.0	1545.12	0.0788	3.9
30	25.50	36.300	.	20	28.29	36.611	23.53	436.6	437.5	1544.37	0.1328	14.5
45	22.60	36.450	.	30	25.50	36.300	24.19	373.8	375.0	1538.01	0.1735	29.8
75	20.20	36.480	.	40	23.44	36.397	24.88	307.8	309.4	1533.29	0.2077	48.9
94	18.80	36.380	.	50	22.03	36.475	25.35	263.6	265.6	1529.95	0.2364	71.1
				75	20.20	36.480	25.85	215.4	218.2	1525.48	0.2969	137.8

CRUISE 67-A-6 STATION 39-STD

1420 GMT AUGUST 10, 1967

28 37.0 N 89 31.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	29.700	.	0	30.00	29.700	17.78	988.4	988.4	1538.51	0.0	0.0
10	29.00	34.700	.	10	29.00	34.700	21.86	596.5	596.9	1543.92	0.0793	4.0
20	27.00	36.200	.	20	27.00	36.200	23.64	426.1	426.9	1541.20	0.1305	14.4
30	24.00	36.400	.	30	24.00	36.400	24.72	323.3	324.5	1534.51	0.1680	29.4
40	23.00	36.430	.	40	23.00	36.430	25.04	293.2	294.7	1532.22	0.1990	47.7
50	22.20	36.470	.	50	22.20	36.470	25.30	268.5	270.4	1530.37	0.2272	69.0
75	20.00	36.400	.	75	20.00	36.400	25.85	216.1	218.9	1524.86	0.2884	133.5

CRUISE 67-A-6 STATION 40-STD

1530 GMT AUGUST 10, 1967

28 31.5 N 89 40.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.60	34.300	.	0	29.60	34.300	21.36	644.5	644.5	1544.58	0.0	0.0
15	27.50	36.320	.	10	28.20	35.647	22.84	503.1	503.5	1543.17	0.0574	2.9
30	23.50	36.300	.	20	26.16	36.419	24.07	384.9	385.7	1539.49	0.1019	10.8
45	21.50	36.410	.	30	23.50	36.300	24.79	316.4	317.6	1533.19	0.1370	22.8
75	20.00	36.400	.	40	22.01	36.370	25.27	270.5	272.1	1529.63	0.1665	38.0
105	19.10	36.350	.	50	21.11	36.420	25.56	243.2	245.1	1527.48	0.1924	55.9
150	18.20	36.280	.	75	20.00	36.400	25.85	216.1	218.9	1524.86	0.2504	111.2
210	15.50	35.890	.	100	19.22	36.360	26.02	199.6	203.2	1523.06	0.3031	180.4
240	14.20	35.720	.	150	18.20	36.280	26.22	180.7	185.9	1520.87	0.4004	356.3
300	11.70	35.390	.	200	16.00	35.964	26.51	153.6	160.0	1514.81	0.4869	578.1
390	10.00	35.180	.	250	13.74	35.659	26.77	128.6	135.8	1508.10	0.5608	840.1
				300	11.70	35.390	26.97	109.8	117.3	1501.73	0.6241	1136.3

CRUISE 67-A-6 STATION 41-STD

1755 GMT AUGUST 10, 1967

28 11.5 N 89 26.8 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	31.50	28.109	.	0	31.50	28.109	16.08	1152.71	152.7	1538.49	0.0	0.0
15	29.60	35.720	.	10	30.23	33.183	20.31	745.5	745.9	1544.68	0.0949	4.7
30	26.70	36.050	.	20	28.66	36.238	23.13	475.0	475.8	1544.85	0.1560	17.3
45	24.40	36.320	.	30	26.70	36.050	23.63	427.7	429.0	1540.55	0.2013	35.2
75	20.70	36.280	.	40	25.12	36.244	24.27	366.6	368.2	1537.22	0.2411	57.3
105	19.20	36.280	.	50	23.67	36.339	24.77	318.2	320.3	1533.96	0.2755	83.1
150	17.30	36.110	.	75	20.70	36.280	25.57	242.6	245.5	1526.65	0.3463	160.8
210	15.20	35.800	.	100	19.37	36.282	25.92	208.9	212.5	1523.39	0.4035	254.6
240	13.90	35.600	.	150	17.30	36.110	26.31	172.1	177.1	1518.07	0.5009	480.7
300	12.50	35.420	.	200	15.56	35.859	26.53	151.5	157.8	1513.31	0.5846	752.0
390	10.50	35.200	.	250	13.61	35.559	26.72	133.4	140.4	1507.55	0.6592	1063.0
510	8.00	34.900	.	300	12.50	35.420	26.84	122.2	130.1	1504.49	0.7268	1409.5
600	7.00	34.810	.	400	10.26	35.171	27.06	101.1	110.0	1498.00	0.8469	2196.3
690	6.40	34.810	.	500	8.18	34.921	27.20	87.2	96.4	1491.62	0.9501	3094.9
810	5.60	34.820	.	600	7.00	34.810	27.29	79.2	88.7	1488.56	1.0427	4091.3
900	5.40	34.850	.	700	6.32	34.810	27.38	70.5	80.7	1487.51	1.1274	5176.3
990	5.00	34.880	.	800	5.66	34.818	27.47	61.8	72.2	1486.48	1.2038	6341.9
				900	5.40	34.850	27.53	56.4	67.7	1487.12	1.2738	7580.7

CRUISE 67-A-6 STATION 42-STD

2140 GMT AUGUST 10, 1967

27 52.5 N 89 11.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.50	28.739	.	0	30.50	28.739	16.90	1074.01074.0	1537.71	0.0	0.0	0.0
15	28.80	36.070	.	10	29.37	33.626	20.93	685.4	685.8	1543.44	0.0880	4.4
30	25.70	36.180	.	20	27.84	36.507	23.60	429.9	430.8	1543.32	0.1438	16.0
45	22.70	36.300	.	30	25.70	36.180	24.04	388.4	389.6	1538.37	0.1848	32.4
75	20.20	36.320	.	40	23.63	36.263	24.73	322.7	324.2	1533.64	0.2205	52.7
105	18.70	36.330	.	50	22.09	36.314	25.21	276.7	278.6	1529.94	0.2507	76.3
150	17.40	36.200	.	75	20.20	36.320	25.73	227.0	229.8	1525.33	0.3142	146.9
210	15.50	35.920	.	100	18.90	36.331	26.08	193.8	197.4	1522.12	0.3676	232.1
240	14.50	35.780	.	150	17.40	36.200	26.36	167.8	172.9	1518.45	0.4602	439.0
300	12.50	35.470	.	200	15.83	35.971	26.55	149.3	155.6	1514.27	0.5423	689.7
390	10.25	35.170	.	250	14.15	35.727	26.73	132.0	139.2	1509.51	0.6160	979.2
510	8.40	34.900	.	300	12.50	35.470	26.87	118.6	126.5	1504.55	0.6824	1303.9
600	7.20	34.800	.	400	10.07	35.142	27.07	100.0	108.8	1497.26	0.8001	2045.1
810	5.60	34.820	.	500	8.52	34.917	27.15	92.6	102.1	1492.91	0.9055	2897.9
630	6.40	34.800	.	600	7.20	34.800	27.25	82.6	92.4	1489.32	1.0028	3852.1
900	5.40	34.850	.	700	6.28	34.783	27.37	71.9	82.0	1487.29	1.0900	4898.5
990	4.90	34.890	.	800	5.65	34.814	27.47	62.0	72.5	1486.44	1.1672	6027.1
1110	4.80	34.900	.	900	5.40	34.850	27.53	56.4	67.7	1487.12	1.2373	7229.4
1200	4.50	34.910	.	1000	4.89	34.892	27.62	47.5	59.1	1486.72	1.3007	8498.4
				1200	4.50	34.910	27.68	42.0	54.8	1488.42	1.4146	11213.7

CRUISE 67-A-6 STATION 43-STD

0200 GMT AUGUST 11, 1967

27 24.5 N 88 51.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.50	36.220	.	0	30.50	36.220	22.49	536.3	536.2	1548.32	0.0	0.0
15	29.80	36.390	.	10	30.03	36.333	22.73	512.7	513.1	1547.64	0.0525	2.6
30	26.70	36.320	.	20	28.88	36.371	23.16	472.5	473.4	1545.43	0.1018	10.3
45	24.00	36.410	.	30	26.70	36.320	23.83	408.3	409.5	1540.79	0.1459	22.7
75	20.70	36.400	.	40	24.84	36.375	24.45	349.1	350.8	1536.68	0.1840	39.2
105	18.80	36.200	.	50	23.30	36.424	24.94	302.0	304.0	1533.14	0.2167	59.3
150	17.00	36.160	.	75	20.70	36.400	25.66	234.0	236.8	1526.76	0.2843	121.9
210	15.00	35.820	.	100	19.05	36.235	25.97	204.4	208.0	1522.45	0.3399	199.9
240	13.80	35.610	.	150	17.00	36.160	26.42	161.6	166.6	1517.23	0.4335	393.2
300	12.20	35.380	.	200	15.34	35.892	26.60	144.5	150.7	1512.66	0.5128	629.8
390	9.60	35.050	.	250	13.50	35.563	26.74	131.0	137.9	1507.20	0.5850	904.3
510	7.40	34.850	.	300	12.20	35.380	26.86	119.6	127.4	1503.43	0.6513	1213.4
600	6.60	34.800	.	400	9.36	35.025	27.10	97.4	105.6	1494.56	0.7678	1923.0
690	5.90	34.820	.	500	7.53	34.858	27.25	82.8	91.2	1489.06	0.8663	2740.0
810	5.30	34.850	.	600	6.60	34.800	27.34	74.8	83.8	1486.98	0.9538	3650.0
900	5.00	34.880	.	700	5.84	34.822	27.45	63.7	73.1	1485.60	1.0322	4643.0
990	4.80	34.900	.	800	5.34	34.847	27.54	55.9	65.9	1485.24	1.1018	5710.0
1110	4.60	34.900	.	900	5.00	34.880	27.60	49.7	60.2	1485.54	1.1649	6843.3
1200	4.40	34.920	.	1000	4.78	34.900	27.64	45.8	57.0	1486.31	1.2235	8037.5
				1200	4.40	34.920	27.70	40.2	52.7	1488.02	1.3333	10594.3

CRUISE 67-A-6 STATION 44-STD

0500 GMT AUGUST 11, 1967

27 01.5 N 88 35.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.40	36.200	.	0	30.40	36.200	22.51	534.4	534.4	1548.11	0.0	0.0
10	30.40	36.210	.	10	30.40	36.210	22.52	533.7	534.1	1548.28	0.0534	2.7
20	29.70	36.220	.	20	29.70	36.220	22.76	509.9	510.8	1547.02	0.1057	10.6
30	27.00	36.200	.	30	27.00	36.200	23.64	426.1	427.3	1541.36	0.1526	23.5
40	24.60	36.300	.	40	24.60	36.300	24.47	347.6	349.2	1536.04	0.1914	40.7
50	23.20	36.400	.	50	23.20	36.400	24.96	300.8	302.8	1532.85	0.2240	61.5
75	21.00	36.400	.	75	21.00	36.400	25.58	241.7	244.6	1527.56	0.2924	126.1
100	19.20	36.350	.	100	19.20	36.350	26.02	199.8	203.4	1522.99	0.3484	206.2
150	16.20	36.000	.	150	16.20	36.000	26.49	155.3	160.1	1514.64	0.4393	403.1
200	14.50	35.780	.	200	14.50	35.780	26.70	135.1	141.1	1509.89	0.5146	641.6
250	12.80	35.500	.	250	12.80	35.500	26.84	122.0	128.8	1504.80	0.5821	915.8
300	11.20	35.300	.	300	11.20	35.300	26.99	107.5	114.8	1499.88	0.6430	1222.0
400	9.00	34.950	.	400	9.00	34.950	27.10	97.3	105.3	1493.12	0.7530	1920.0
500	7.30	34.850	.	500	7.30	34.850	27.28	80.2	88.6	1488.16	0.8500	2721.5
600	6.40	34.820	.	600	6.40	34.820	27.38	70.7	79.5	1486.22	0.9340	3613.5
700	5.80	34.830	.	700	5.80	34.830	27.46	62.6	72.1	1485.46	1.0098	4585.4
800	5.20	34.850	.	800	5.20	34.850	27.55	54.2	63.9	1484.69	1.0778	5629.2
900	4.80	34.890	.	900	4.80	34.890	27.63	46.7	57.0	1484.73	1.1382	6737.2
1000	4.50	34.900	.	1000	4.50	34.900	27.67	42.8	53.4	1485.14	1.1934	7903.0
1100	4.40	34.920	.	1100	4.40	34.920	27.71	39.2	51.4	1487.61	1.2983	10394.7
1200	4.30	34.920	.	1200	4.30	34.920	27.71					

CRUISE 67-A-6 STATION 53-STD

1300 GMT AUGUST 12, 1967

23 29.5 N 85 27.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.50	35.800	.	0	29.50	35.800	22.52	533.6	533.6	1545.91	0.0	0.0
10	29.50	35.800	.	10	29.50	35.800	22.52	533.6	534.0	1546.08	0.0534	2.7
20	29.30	36.080	.	20	29.30	36.080	22.79	507.0	507.8	1546.07	0.1055	10.6
30	28.90	36.100	.	30	28.90	36.100	22.94	492.7	494.0	1545.41	0.1556	23.7
40	28.60	36.100	.	40	28.60	36.100	23.04	483.2	484.9	1544.94	0.2045	41.7
50	28.40	36.100	.	50	28.40	36.100	23.11	476.8	478.9	1544.67	0.2527	64.5
75	27.40	36.110	.	75	27.40	36.110	23.45	444.8	448.0	1542.90	0.3686	142.2
100	26.20	36.350	.	100	26.20	36.350	24.01	391.0	395.2	1540.81	0.4740	247.5
150	22.40	36.650	.	150	22.40	36.650	25.38	260.9	266.8	1532.66	0.6395	525.9
200	20.00	36.500	.	200	20.00	36.500	25.92	208.9	216.2	1526.96	0.7602	875.8
250	18.40	36.350	.	250	18.40	36.350	26.22	180.4	189.2	1523.12	0.8616	1281.2
300	16.50	36.100	.	300	16.50	36.100	26.49	154.7	164.4	1518.06	0.9500	1734.1
400	12.60	35.470	.	400	12.60	35.470	26.85	120.4	131.0	1506.49	1.0977	2757.9
500	10.30	35.100	.	500	10.30	35.100	27.00	107.0	118.1	1499.65	1.2222	3917.9
600	9.00	34.980	.	600	9.00	34.980	27.12	95.1	107.0	1496.37	1.3348	5196.4
700	7.50	34.880	.	700	7.50	34.880	27.27	80.7	92.6	1492.20	1.4346	6581.0
800	6.50	34.790	.	800	6.50	34.790	27.34	74.2	86.0	1489.80	1.5239	8060.3
900	5.80	34.820	.	900	5.80	34.820	27.46	63.4	75.4	1488.68	1.6046	9624.5
1000	5.20	34.890	.	1000	5.20	34.890	27.59	51.2	63.3	1487.99	1.6739	11263.7

CRUISE 67-A-6 STATION 56-STD

C12C GMT AUGUST 13, 1967

22 21.0 N 84 46.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.90	36.100	.	0	29.90	36.100	22.61	525.1	525.1	1547.00	0.0	0.0
10	29.90	36.100	.	10	29.90	36.100	22.61	525.1	525.5	1547.17	0.0525	2.6
20	29.90	36.110	.	20	29.90	36.110	22.61	524.4	525.2	1547.34	0.1051	10.5
30	29.70	36.100	.	30	29.70	36.100	22.67	518.6	519.8	1547.08	0.1573	23.6
40	29.00	36.010	.	40	29.00	36.010	22.84	502.4	504.1	1545.70	0.2085	41.9
50	28.60	36.030	.	50	28.60	36.030	22.99	488.2	490.3	1545.04	0.2582	65.3
75	28.00	36.050	.	75	28.00	36.050	23.21	467.8	471.0	1544.17	0.3784	144.8
100	27.50	36.090	.	100	27.50	36.090	23.40	449.4	453.6	1543.51	0.4940	253.9
150	25.50	36.400	.	150	25.50	36.400	24.27	366.6	372.8	1540.04	0.7006	552.5
200	21.50	36.700	.	200	21.50	36.700	25.67	233.2	240.8	1531.17	0.8540	941.2
250	19.70	36.540	.	250	19.70	36.540	26.03	198.4	207.6	1526.97	0.9661	1396.2
300	18.30	36.400	.	300	18.30	36.400	26.29	174.4	184.9	1523.69	1.0642	1903.7
400	16.50	36.110	.	400	16.50	36.110	26.50	153.9	166.9	1519.68	1.2401	3055.9
500	13.60	35.670	.	500	13.60	35.670	26.81	125.0	139.1	1511.66	1.3931	4372.5
600	11.00	35.250	.	600	11.00	35.250	26.99	107.7	121.9	1503.93	1.5236	5830.8
700	9.00	35.000	.	700	9.00	35.000	27.14	93.6	107.5	1498.01	1.6383	7411.7

CRUISE 67-A-6 STATION 58-STD

0635 GMT AUGUST 13, 1967

21 48.3 N 85 07.2 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.80	36.100	.	0	29.80	36.100	22.64	521.8	521.8	1546.80	0.0	0.0
10	29.80	36.100	.	10	29.80	36.100	22.64	521.8	522.3	1546.96	0.0522	2.6
20	29.80	36.100	.	20	29.80	36.100	22.64	521.8	522.7	1547.12	0.1045	10.4
30	29.70	36.100	.	30	29.70	36.100	22.67	518.6	519.8	1547.08	0.1566	23.5
40	28.80	35.970	.	40	28.80	35.970	22.88	498.9	500.6	1545.25	0.2076	41.7
50	28.85	36.000	.	50	28.85	36.000	22.89	498.3	500.4	1545.54	0.2577	65.0
75	28.75	36.070	.	75	28.75	36.070	22.97	490.1	493.3	1545.80	0.3819	144.9
100	26.90	36.100	.	100	26.90	36.100	23.60	430.2	434.4	1542.18	0.4978	254.9
150	24.90	36.500	.	150	24.90	36.500	24.53	341.9	348.0	1538.71	0.6934	552.7
200	22.00	36.660	.	200	22.00	36.660	25.50	249.4	257.1	1532.44	0.8447	937.2
250	19.30	36.400	.	250	19.30	36.400	26.03	198.7	207.6	1525.72	0.9609	1388.6
300	17.00	36.200	.	300	17.00	36.200	26.45	158.7	168.7	1519.67	1.0550	1892.6
400	15.30	35.920	.	400	15.30	35.920	26.63	141.6	153.9	1515.78	1.2163	3028.2
500	12.20	35.350	.	500	12.20	35.350	26.84	121.8	134.6	1506.60	1.3605	4316.6
600	10.00	35.150	.	600	10.00	35.150	27.09	98.3	111.4	1500.25	1.4835	5738.6
700	8.30	34.900	.	700	8.30	34.900	27.17	90.6	103.5	1495.27	1.5910	7275.8
800	7.20	34.820	.	800	7.20	34.820	27.27	81.1	94.0	1492.57	1.6897	8916.2
900	6.00	34.820	.	900	6.00	34.820	27.43	65.8	78.1	1489.48	1.7758	10648.9
1000	5.40	34.850	.	1000	5.40	34.850	27.53	56.4	68.9	1488.74	1.8493	12461.5
1100	4.70	34.900	.	1100	4.70	34.900	27.71	39.5	51.9	1488.03	1.9702	16281.0
1200	4.40	34.930	.	1200	4.40	34.930	27.71	39.5	51.9	1488.03	1.9702	16281.0

1040 GMT AUGUST 13, 1967

21 40.5 N 84 42.5 W

[illegible]

1500 GMT AUGUST 13, 1967

21 29.0 N 85 05.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.90	36.120	.	0	29.90	36.120	22.62	523.7	523.7	1547.02	0.0	0.0
10	29.90	36.120	.	10	29.90	36.120	22.62	523.7	524.1	1547.18	0.0524	2.6
20	29.90	36.120	.	20	29.90	36.120	22.62	523.7	524.5	1547.35	0.1048	10.5
30	29.90	36.120	.	30	29.90	36.120	22.62	523.7	525.0	1547.51	0.1573	23.6
40	29.50	36.080	.	40	29.50	36.080	22.73	513.5	515.3	1546.81	0.2093	41.9
50	28.80	36.030	.	50	28.80	36.030	22.93	494.5	496.7	1545.46	0.2599	65.4
75	27.60	36.100	.	75	27.60	36.100	23.37	451.7	454.9	1543.33	0.3789	145.2
100	27.20	36.100	.	100	27.20	36.100	23.50	439.4	443.6	1542.85	0.4912	254.0
150	25.60	36.480	.	150	25.60	36.480	24.29	363.8	370.0	1540.35	0.6945	550.4
200	23.00	36.680	.	200	23.00	36.680	25.23	275.1	283.1	1535.01	0.8578	938.5
250	20.70	36.620	.	250	20.70	36.620	25.83	218.1	227.4	1529.78	0.9854	1399.3
300	18.50	36.350	.	300	18.50	36.350	26.20	182.8	193.3	1524.21	1.0906	1918.3
400	15.50	36.000	.	400	15.50	36.000	26.65	140.1	152.5	1516.49	1.2635	3095.4
500	12.50	35.450	.	500	12.50	35.450	26.86	120.0	133.2	1507.74	1.4063	4430.3
600	9.80	35.080	.	600	9.80	35.080	27.07	100.3	113.1	1499.43	1.5295	5898.2
700	8.40	34.900	.	700	8.40	34.900	27.15	92.0	105.0	1495.64	1.6385	7482.1
800	7.20	34.800	.	800	7.20	34.800	27.25	82.6	95.6	1492.55	1.7388	9170.8
900	6.00	34.810	.	900	6.00	34.810	27.42	66.5	78.9	1489.47	1.8260	10953.2
1000	5.20	34.850	.	1000	5.20	34.850	27.55	54.2	66.3	1487.93	1.8986	12815.6
1100	4.60	34.900	.	1100	4.60	34.900	27.71	39.5	51.9	1488.03	2.0168	16731.0
1200	4.40	34.930	.	1200	4.40	34.930	27.71					

21 14.8 N 85 27.1 W

[illegible]

CRUISE 67-A-6 STATION 64-STD

0215 GMT AUGUST 14, 1967

20 53.0 N 86 22.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.30	35.500	.	0	29.30	35.500	22.36	548.7	548.6	1545.21	0.0	0.0
10	29.30	35.500	.	10	29.30	35.500	22.36	548.7	549.1	1545.38	0.0549	2.7
20	29.20	35.500	.	20	29.20	35.500	22.39	545.4	546.3	1545.33	0.1097	11.0
30	29.00	35.850	.	30	29.00	35.850	22.72	513.9	515.2	1545.40	0.1627	24.6
40	28.50	35.900	.	40	28.50	35.900	22.93	494.3	496.0	1544.54	0.2133	43.4
50	28.50	36.100	.	50	28.50	36.100	23.08	480.0	482.1	1544.88	0.2622	67.2
75	27.00	36.150	.	75	27.00	36.150	23.60	429.7	432.8	1542.05	0.3766	147.0
100	26.00	36.410	.	100	26.00	36.410	24.12	380.7	384.9	1540.40	0.4788	253.9
150	23.40	36.650	.	150	23.40	36.650	25.09	288.4	294.4	1535.18	0.6486	535.8
200	20.00	36.600	.	200	20.00	36.600	26.00	201.6	209.0	1527.05	0.7744	891.5
250	18.40	36.400	.	250	18.40	36.400	26.26	176.8	185.6	1523.17	0.8731	1303.4
300	17.50	36.290	.	300	17.50	36.290	26.40	163.6	173.7	1521.25	0.9629	1762.4
400	14.40	35.780	.	400	14.40	35.780	26.72	133.1	144.8	1512.77	1.1222	2805.0
500	10.60	35.190	.	500	10.60	35.190	27.01	105.3	116.8	1500.84	1.2530	3992.6
600	8.60	34.880	.	600	8.60	34.880	27.11	96.5	107.9	1494.75	1.3654	5301.8
700	6.50	34.800	.	700	6.50	34.800	27.35	73.5	83.9	1488.19	1.4612	6715.1
800	5.50	34.820	.	800	5.50	34.820	27.49	59.8	70.1	1485.85	1.5382	8214.8
900	5.00	34.880	.	900	5.00	34.880	27.60	49.7	60.2	1485.53	1.6034	9785.6
1000	5.00	34.700	.	1000	5.00	34.900	27.62	48.2	59.9	1487.19	1.6634	11419.0

CRUISE 67-A-6 STATION 65-STD

0530 GMT AUGUST 14, 1967

20 57.5 N 86 32.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.10	35.720	.	0	29.10	35.720	22.59	526.4	526.4	1545.00	0.0	0.0
10	29.10	35.730	.	10	29.10	35.730	22.60	525.7	526.1	1545.17	0.0526	2.6
20	28.60	36.090	.	20	28.60	36.090	23.04	483.9	484.8	1544.60	0.1032	10.4
30	28.20	36.120	.	30	28.20	36.120	23.19	469.1	470.3	1543.93	0.1509	23.1
40	27.50	36.050	.	40	27.50	36.050	23.37	452.2	453.9	1542.50	0.1971	40.5
50	27.30	36.090	.	50	27.30	36.090	23.46	443.2	445.3	1542.26	0.2421	62.5
75	26.20	36.320	.	75	26.20	36.320	23.99	393.2	396.4	1540.38	0.3473	136.2
100	25.20	36.450	.	100	25.20	36.450	24.40	354.2	358.3	1538.57	0.4416	234.8
150	22.40	36.630	.	150	22.40	36.630	25.36	262.3	268.2	1532.64	0.5983	494.8
200	19.00	36.420	.	200	19.00	36.420	26.12	189.8	197.0	1524.10	0.7146	823.0
250	16.70	36.130	.	250	16.70	36.130	26.47	157.0	165.2	1517.90	0.8051	1202.9
300	15.40	35.980	.	300	15.40	35.980	26.66	139.4	148.7	1514.55	0.5836	1625.1
400	12.70	35.470	.	400	12.70	35.470	26.83	122.3	133.0	1506.83	1.0245	2579.1

CRUISE 67-A-6 STATION 66-STD

0725 GMT AUGUST 14, 1967

20 59.0 N 86 44.2 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.70	36.050	.	0	28.70	36.050	22.97	489.9	489.9	1544.46	0.0	0.0
10	28.70	36.050	.	10	28.70	36.050	22.97	489.9	490.3	1544.62	0.0490	2.5
20	28.50	36.050	.	20	28.50	36.050	23.04	483.6	484.4	1544.35	0.0978	9.8
30	26.40	36.180	.	30	26.40	36.180	23.82	409.3	410.5	1539.99	0.1425	21.8
40	26.00	36.210	.	40	26.00	36.210	23.97	395.1	396.8	1539.26	0.1829	38.1

CRUISE 67-A-6 STATION 67-STD

0935 GMT AUGUST 14, 1967

21 23.5 N 86 37.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.15	35.990	.	0	28.15	35.990	23.11	476.8	476.8	1543.22	0.0	0.0
10	27.94	35.970	.	10	27.94	35.970	23.16	471.7	472.1	1542.91	0.0474	2.4
20	27.28	36.180	.	20	27.28	36.180	23.54	436.1	436.9	1541.81	0.0929	9.4

CRUISE 67-A-6 STATION 68-STD

1145 GMT AUGUST 14, 1967

21 47.0 N 86 48.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	27.74	36.090	.	0	27.74	36.090	23.32	456.8	456.8	1542.42	0.0	0.0
10	27.43	36.110	.	10	27.43	36.110	23.44	445.8	446.2	1541.92	0.0451	2.3
20	21.36	36.300	.	20	21.36	36.300	25.40	258.4	259.1	1527.54	0.0804	8.5

CRUISE 67-A-6 STATION 69-STD

1400 GMT AUGUST 14, 1967

22 09.0 N 87 01.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.90	36.060	.	0	28.90	36.060	22.91	495.6	495.6	1544.89	0.0	0.0
10	28.90	36.070	.	10	28.90	36.070	22.92	494.9	495.3	1545.06	0.0495	2.5
20	27.20	35.690	.	20	27.20	35.690	23.19	468.9	469.7	1541.18	0.0978	9.8
30	24.90	36.310	.	30	24.90	36.310	24.38	355.6	356.8	1536.61	0.1391	21.7

CRUISE 67-A-6 STATION 70-STD

1615 GMT AUGUST 14, 1967

22 34.3 N 87 10.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	36.280	.	0	30.00	36.280	22.71	515.5	515.4	1547.36	0.0	0.0
10	30.00	36.280	.	10	30.00	36.280	22.71	515.5	515.9	1547.52	0.0516	2.6
20	29.80	36.280	.	20	29.80	36.280	22.77	508.9	509.8	1547.28	0.1028	10.3
30	28.00	36.300	.	30	28.00	36.300	23.39	449.9	451.1	1543.65	0.1509	23.0
40	24.40	36.400	.	40	24.40	36.400	24.60	334.7	336.3	1535.65	0.1903	40.0

CRUISE 67-A-6 STATION 71-STD

1745 GMT AUGUST 14, 1967

22 43.7 N 87 19.2 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.60	36.300	.	0	30.60	36.300	22.51	533.9	533.9	1548.59	0.0	0.0
10	30.10	36.310	.	10	30.10	36.310	22.69	516.6	517.1	1547.75	0.0525	2.6
20	30.10	36.320	.	20	30.10	36.320	22.70	515.9	516.8	1547.92	0.1042	10.5
30	28.50	36.450	.	30	28.50	36.450	23.34	454.8	456.1	1544.86	0.1529	23.3
40	26.60	36.300	.	40	26.60	36.300	23.85	406.7	408.4	1540.71	0.1961	40.8

CRUISE 67-A-6 STATION 72-STD

1950 GMT AUGUST 14, 1967

22 48.0 N 87 05.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.50	36.410	.	0	30.50	36.410	22.63	522.6	522.6	1548.48	0.0	0.0
10	30.20	36.380	.	10	30.20	36.380	22.71	514.9	515.3	1548.01	0.0519	2.6
20	30.20	36.380	.	20	30.20	36.380	22.71	514.9	515.8	1548.18	0.1035	10.4
30	29.70	36.490	.	30	29.70	36.490	22.97	490.6	491.9	1547.41	0.1538	23.2
40	29.00	36.500	.	40	29.00	36.500	23.21	467.2	469.0	1546.12	0.2019	41.0
50	27.00	36.250	.	50	27.00	36.250	23.68	422.5	424.5	1541.73	0.2466	63.4
75	23.50	36.420	.	75	23.50	36.420	24.88	307.8	310.7	1534.02	0.3385	136.6
100	22.40	36.470	.	100	22.40	36.470	25.24	273.9	277.8	1531.69	0.4120	230.4
150	20.90	36.530	.	150	20.90	36.530	25.70	229.7	235.4	1528.62	0.5403	468.5

CRUISE 67-A-6 STATION 73-STD

2110 GMT AUGUST 14, 1967

22 46.5 N 86 53.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.40	36.350	.	0	30.40	36.350	22.62	523.6	523.7	1548.23	0.0	0.0
10	30.20	36.360	.	10	30.20	36.360	22.70	516.3	516.7	1548.00	0.0520	2.6
20	30.00	36.480	.	20	30.00	36.480	22.86	501.1	502.0	1547.85	0.1030	10.3
30	29.60	36.480	.	30	29.60	36.480	22.99	488.0	489.3	1547.19	0.1525	23.1
40	29.00	36.420	.	40	29.00	36.420	23.15	473.0	474.7	1546.06	0.2007	40.8
50	27.50	36.300	.	50	27.50	36.300	23.56	434.3	436.4	1542.89	0.2463	63.1
75	23.00	36.390	.	75	23.00	36.390	25.01	296.0	299.0	1532.74	0.3382	136.2
100	21.30	36.380	.	100	21.30	36.380	25.48	251.0	254.8	1528.75	0.4074	229.4
150	18.80	36.350	.	150	18.80	36.350	26.12	190.1	195.3	1522.66	0.5200	461.2
200	16.50	36.050	.	200	16.50	36.050	26.46	158.3	164.8	1516.41	0.6100	743.7
250	14.60	35.800	.	250	14.60	35.800	26.69	135.7	143.2	1511.03	0.6870	1068.0
300	13.50	35.600	.	300	13.50	35.600	26.77	128.2	136.6	1508.04	0.7570	1429.0

CRUISE 67-A-6 STATION 74-STD

2240 GMT AUGUST 14, 1967

22 41.5 N 86 40.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.50	36.350	.	0	30.50	36.350	22.59	526.9	526.9	1548.43	0.0	0.0
10	30.30	36.350	.	10	30.30	36.350	22.66	520.3	520.7	1548.19	0.0524	2.6
20	30.30	36.380	.	20	30.30	36.380	22.68	518.2	519.1	1548.38	0.1044	10.5
30	29.80	36.520	.	30	29.80	36.520	22.96	491.7	493.0	1547.64	0.1550	23.4
40	29.20	36.500	.	40	29.20	36.500	23.14	473.6	475.4	1546.54	0.2034	41.3
50	28.00	36.420	.	50	28.00	36.420	23.48	441.2	443.3	1544.08	0.2493	64.0
75	24.90	36.400	.	75	24.90	36.400	24.45	349.1	352.1	1537.41	0.3488	138.7
100	21.20	36.480	.	100	21.20	36.480	25.58	241.2	244.9	1528.57	0.4234	235.3
150	18.50	36.310	.	150	18.50	36.310	26.17	185.7	191.0	1521.76	0.5324	474.2
200	15.90	35.970	.	200	15.90	35.970	26.53	150.9	157.3	1514.49	0.6195	762.2
250	14.30	35.700	.	250	14.30	35.700	26.68	136.9	144.2	1509.96	0.6948	1090.7
300	12.70	35.500	.	300	12.70	35.500	26.86	120.1	128.2	1505.26	0.7629	1455.2
400	10.00	35.140	.	400	10.00	35.140	27.08	99.1	107.9	1497.02	0.8809	2277.1

CRUISE 67-A-6 STATION 75-STD

2350 GMT AUGUST 14, 1967

22 41.5 N 86 31.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.20	36.300	.	0	30.20	36.300	22.65	520.6	520.6	1547.79	0.0	0.0
10	30.20	36.300	.	10	30.20	36.300	22.65	520.6	521.1	1547.95	0.0521	2.6
20	30.20	36.400	.	20	30.20	36.400	22.73	513.4	514.3	1548.19	0.1039	10.4
30	29.80	36.450	.	30	29.80	36.450	22.90	496.7	498.0	1547.58	0.1545	23.3
40	28.90	36.420	.	40	28.90	36.420	23.18	469.7	471.5	1545.84	0.2029	41.2
50	26.70	36.280	.	50	26.70	36.280	23.80	411.2	413.3	1541.08	0.2472	63.7
75	22.40	36.380	.	75	22.40	36.380	25.17	280.4	283.2	1531.21	0.3342	136.4
100	21.00	36.360	.	100	21.00	36.360	25.55	244.6	248.3	1527.93	0.4007	228.2
150	18.00	36.220	.	150	18.00	36.220	26.22	180.4	185.5	1520.23	0.5092	455.7
200	15.30	35.850	.	200	15.30	35.850	26.58	146.7	152.9	1512.50	0.5938	731.4
250	13.50	35.580	.	250	13.50	35.580	26.76	129.7	136.7	1507.21	0.6662	1046.4
300	12.00	35.390	.	300	12.00	35.390	26.91	115.2	122.8	1502.76	0.7310	1395.7
400	9.90	35.100	.	400	9.90	35.100	27.07	100.4	109.0	1496.61	0.8470	2184.7
500	8.50	34.950	.	500	8.50	34.950	27.18	89.8	99.3	1492.86	0.9511	3083.7

CRUISE 67-A-6 STATION 76-STD

0405 GMT AUGUST 15, 1967

22 38.0 N 85 54.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	36.400	.	0	30.00	36.400	22.80	506.9	506.9	1547.46	0.0	0.0
10	30.00	36.400	.	10	30.00	36.400	22.80	506.9	507.3	1547.62	0.0507	2.5
20	30.00	36.380	.	20	30.00	36.380	22.78	508.3	509.1	1547.77	0.1015	10.1
40	27.80	36.200	.	30	29.20	36.295	22.99	488.4	489.7	1546.21	0.1515	22.8
50	26.00	36.150	.	40	27.80	36.200	23.38	450.8	452.4	1543.29	0.1986	40.3
75	23.00	36.250	.	50	26.00	36.150	23.92	399.4	401.5	1539.37	0.2413	62.3
100	20.50	36.400	.	75	23.00	36.250	24.90	306.1	309.0	1532.62	0.3301	133.7
150	18.30	36.340	.	100	20.50	36.400	25.71	228.8	232.5	1526.62	0.3978	224.7
200	16.30	36.000	.	150	18.30	36.340	26.24	178.8	184.0	1521.22	0.5019	449.6
250	14.20	35.700	.	200	16.30	36.000	26.46	157.5	164.0	1515.75	0.5889	722.3
300	12.90	35.500	.	250	14.20	35.700	26.70	134.9	142.2	1509.63	0.6655	1035.9
500	9.20	35.000	.	300	12.90	35.500	26.82	123.9	132.1	1505.93	0.7340	1385.8
600	7.90	34.850	.	400	10.81	35.203	26.99	107.9	117.2	1499.99	0.8587	2182.2
700	6.40	34.800	.	500	9.20	35.000	27.11	96.7	106.9	1495.53	0.9707	3096.8
800	5.70	34.820	.	600	7.90	34.850	27.19	88.5	99.1	1492.07	1.0737	4119.0
				700	6.40	34.800	27.36	72.2	82.5	1487.80	1.1645	5238.1
				800	5.70	34.820	27.47	62.2	72.8	1486.66	1.2421	6441.4

CRUISE 67-A-6 STATION 79-STD

1415 GMT AUGUST 15, 1967

22 28.0 N 84 42.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.90	36.100	.	0	29.90	36.100	22.61	525.1	525.1	1547.00	0.0	0.0
10	29.90	36.100	.	10	29.90	36.100	22.61	525.1	525.5	1547.17	0.0525	2.6
20	29.90	36.100	.	20	29.90	36.100	22.61	525.1	526.0	1547.33	0.1051	10.5
30	29.90	36.100	.	30	29.90	36.100	22.61	525.1	526.4	1547.49	0.1577	23.7
40	29.90	36.100	.	40	29.90	36.100	22.61	525.1	526.8	1547.66	0.2104	42.1
50	29.90	36.100	.	50	29.90	36.100	22.61	525.1	527.3	1547.82	0.2631	65.7
75	29.80	36.100	.	75	29.80	36.100	22.64	521.8	525.1	1548.02	0.3946	147.9
100	29.80	36.100	.	100	29.80	36.100	22.64	521.8	526.2	1548.43	0.5260	263.0
150	29.40	36.000	.	150	29.40	36.000	22.70	516.0	522.4	1548.32	0.7882	591.6
200	28.80	36.030	.	200	28.80	36.030	22.93	494.5	503.1	1547.90	1.0446	1049.8
250	28.50	36.030	.	250	28.50	36.030	23.03	485.0	495.6	1548.07	1.2942	1634.5
300	27.90	36.020	.	300	27.90	36.020	23.22	466.8	479.5	1547.57	1.5380	2342.6

1705 GMT AUGUST 15, 1967

22 34.5 N 84 30.7 W

[illegible]

CRUISE 67-A-6 STATION 82-STD

0030 GMT AUGUST 16, 1967

23 04.0 N 83 38.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.90	36.100	.	0	29.90	36.100	22.61	525.1	525.1	1547.00	0.0	0.0
10	29.90	36.120	.	10	29.90	36.120	22.62	523.7	524.1	1547.18	0.0525	2.6
20	29.80	36.100	.	20	29.80	36.100	22.64	521.8	522.7	1547.12	0.1048	10.5
30	29.40	36.100	.	30	29.40	36.100	22.78	508.8	510.1	1546.46	0.1564	23.5
40	27.80	35.960	.	40	27.80	35.960	23.20	468.0	469.7	1543.08	0.2054	41.6
50	27.50	36.050	.	50	27.50	36.050	23.37	452.2	454.3	1542.67	0.2516	64.5
75	26.70	36.180	.	75	26.70	36.180	23.72	418.4	421.5	1541.40	0.3611	141.1
100	25.90	36.300	.	100	25.90	36.300	24.07	385.7	389.8	1540.08	0.4625	244.0
150	24.00	36.640	.	150	24.00	36.640	24.90	306.0	312.1	1536.66	0.6380	519.2
200	21.00	36.630	.	200	21.00	36.630	25.75	225.1	232.7	1529.78	0.7742	872.2
250	19.00	36.480	.	250	19.00	36.480	26.17	185.5	194.4	1524.96	0.8810	1286.0
300	18.10	36.380	.	300	18.10	36.380	26.32	171.1	181.5	1523.09	0.9749	1750.0
400	14.80	35.850	.	400	14.80	35.850	26.69	136.2	148.3	1514.13	1.1398	2807.3
500	12.00	35.400	.	500	12.00	35.400	26.92	114.5	127.2	1505.98	1.2775	4016.0
600	10.00	35.110	.	600	10.00	35.110	27.06	101.3	114.3	1500.20	1.3982	5353.9
700	8.50	34.980	.	700	8.50	34.980	27.20	87.6	100.8	1496.12	1.5058	6805.9
800	7.00	34.850	.	800	7.00	34.850	27.32	76.2	88.9	1491.84	1.6007	8359.1
900	5.90	34.850	.	900	5.90	34.850	27.47	62.3	74.5	1489.12	1.6824	10000.7
1000	5.20	34.890	.	1000	5.20	34.890	27.59	51.2	63.3	1487.99	1.7513	11717.5
1100	4.70	34.920	.	1100	4.70	34.920	27.72	38.7	51.2	1488.04	1.8659	15334.6
1200	4.40	34.940	.	1200	4.40	34.940	27.72					

STATION 83-STD

0525 GMT AUGUST 16, 1967

23 28.0 N 83 10.5 W

CRUISE 67-A-6 STATION 84-STD

0845 GMT AUGUST 16, 1967

23 49.5 N 82 44.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.60	35.820	.	0	29.60	35.820	22.50	535.4	535.4	1546.14	0.0	0.0
10	29.60	35.850	.	10	29.60	35.850	22.52	533.3	533.7	1546.33	0.0535	2.7
20	29.00	35.800	.	20	29.00	35.800	22.69	517.5	518.3	1545.19	0.1061	10.6
30	28.80	35.940	.	30	28.80	35.940	22.86	501.0	502.3	1545.06	0.1571	23.8
40	28.20	35.960	.	40	28.20	35.960	23.07	480.6	482.2	1543.95	0.2063	42.0
50	27.50	36.080	.	50	27.50	36.080	23.39	450.1	452.2	1542.69	0.2530	64.9
75	26.90	36.200	.	75	26.90	36.200	23.67	423.0	426.1	1541.87	0.3628	141.9
100	24.20	36.500	.	100	24.20	36.500	24.74	321.7	325.8	1536.22	0.4568	244.4
150	19.80	36.600	.	150	19.80	36.600	26.05	196.6	202.2	1525.69	0.5888	505.8
200	18.20	36.380	.	200	18.20	36.380	26.30	173.5	180.4	1521.77	0.6844	824.1
250	16.50	36.100	.	250	16.50	36.100	26.49	154.7	162.8	1517.26	0.7702	1187.8
300	14.40	35.800	.	300	14.40	35.800	26.74	131.6	140.5	1511.19	0.8460	1591.8
400	11.80	35.400	.	400	11.80	35.400	26.96	110.8	120.9	1503.68	0.9768	2503.2
500	9.20	35.000	.	500	9.20	35.000	27.11	96.7	106.9	1495.53	1.0906	3536.9
600	8.00	34.880	.	600	8.00	34.880	27.20	87.7	98.4	1492.49	1.1933	4678.9
700	6.80	34.820	.	700	6.80	34.820	27.33	75.8	86.7	1489.40	1.2858	5918.5
800	6.00	34.840	.	800	6.00	34.840	27.45	64.3	75.3	1487.89	1.3669	7244.8
900	5.60	34.860	.	900	5.60	34.860	27.51	58.0	69.7	1487.94	1.4394	8647.9

CRUISE 67-A-6 STATION 85-STD

1120 GMT AUGUST 16, 1967

24 02.0 N 82 31.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.00	36.020	.	0	29.00	36.020	22.85	501.7	501.7	1545.06	0.0	0.0
10	29.10	36.000	.	10	29.10	36.000	22.80	506.3	506.8	1545.42	0.0504	2.5
20	29.10	36.000	.	20	29.10	36.000	22.80	506.3	507.2	1545.58	0.1011	10.1
30	29.10	36.300	.	30	29.10	36.300	23.03	484.8	486.1	1546.00	0.1508	22.7
40	27.70	36.300	.	40	27.70	36.300	23.49	440.5	442.2	1543.16	0.1972	40.1
50	26.30	36.300	.	50	26.30	36.300	23.94	397.6	399.7	1540.19	0.2393	61.9
75	22.90	36.400	.	75	22.90	36.400	25.04	292.6	295.5	1532.50	0.3262	132.6
100	20.50	36.530	.	100	20.50	36.530	25.81	219.4	223.1	1526.74	0.3917	222.3
150	17.60	36.280	.	150	17.60	36.280	26.37	166.6	171.8	1519.12	0.4897	442.4
200	15.50	35.950	.	200	15.50	35.950	26.61	143.7	150.0	1513.23	0.5702	707.4
250	13.60	35.630	.	250	13.60	35.630	26.78	128.0	135.1	1507.60	0.6415	1010.3
300	12.30	35.440	.	300	12.30	35.440	26.89	117.0	124.9	1503.84	0.7065	1347.3
400	8.80	35.000	.	400	8.80	35.000	27.17	90.6	98.4	1492.44	0.8181	2109.6
500	8.20	34.920	.	500	8.20	34.920	27.20	87.6	96.8	1491.69	0.9157	2976.6
600	7.00	34.840	.	600	7.00	34.840	27.31	77.0	86.5	1488.60	1.0074	3938.1
700	6.50	34.840	.	700	6.50	34.840	27.38	70.5	80.9	1488.25	1.0911	4987.4

CRUISE 67-A-6 STATION 86-STD

1400 GMT AUGUST 16, 1967

24 14.0 N 82 10.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.70	36.210	.	0	29.70	36.210	22.76	510.7	510.7	1546.69	0.0	0.0
10	29.70	36.210	.	10	29.70	36.210	22.76	510.7	511.1	1546.85	0.0511	2.6
20	29.60	36.210	.	20	29.60	36.210	22.79	507.4	508.3	1546.81	0.1021	10.2
30	29.60	36.210	.	30	29.60	36.210	22.79	507.4	508.7	1546.97	0.1529	23.0
40	29.00	36.220	.	40	29.00	36.220	23.00	487.3	489.0	1545.89	0.2028	40.7
50	28.70	36.270	.	50	28.70	36.270	23.14	474.1	476.3	1545.46	0.2511	63.4
75	25.00	36.250	.	75	25.00	36.250	24.31	362.8	365.8	1537.52	0.3563	139.4
100	22.00	36.230	.	100	22.00	36.230	25.17	280.4	284.2	1530.44	0.4376	238.6
150	12.60	35.460	.	150	12.60	35.460	26.85	121.2	125.1	1502.47	0.5399	483.0
200	10.70	35.200	.	200	10.70	35.200	27.00	106.3	111.0	1496.39	0.5990	767.7
250	10.00	35.120	.	250	10.00	35.120	27.06	100.5	106.0	1494.58	0.6532	1080.8
300	10.00	35.120	.	300	10.00	35.120	27.06	100.5	107.1	1495.39	0.7065	1420.7
400	8.50	35.000	.	400	8.50	35.000	27.22	86.1	93.7	1491.32	0.8069	2177.4

CRUISE 67-A-6 STATION 87-STD

1840 GMT AUGUST 17, 1967

24 17.0 N 87 53.5 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.80	36.230	.	0	29.80	36.230	22.74	512.5	512.5	1546.91	0.0	0.0
10	29.80	36.230	.	10	29.80	36.230	22.74	512.5	513.0	1547.07	0.0513	2.6
20	29.70	36.230	.	20	29.70	36.230	22.77	509.2	510.1	1547.03	0.1024	10.2
30	28.50	36.200	.	30	28.50	36.200	23.15	472.8	474.1	1544.65	0.1516	23.0
40	27.50	36.200	.	40	27.50	36.200	23.48	441.5	443.2	1542.64	0.1975	40.4
50	26.60	36.260	.	50	26.60	36.260	23.82	409.6	411.7	1540.84	0.2402	62.3
75	24.40	36.370	.	75	24.40	36.370	24.58	336.8	339.8	1536.19	0.3342	134.1
100	21.30	36.480	.	100	21.30	36.480	25.56	243.8	247.6	1528.84	0.4076	226.8
150	15.80	36.000	.	150	15.80	36.000	26.58	146.5	151.3	1513.41	0.5073	455.6
200	13.20	35.580	.	200	13.20	35.580	26.82	123.8	129.4	1505.42	0.5775	726.8
250	11.60	35.320	.	250	11.60	35.320	26.93	113.1	119.3	1500.49	0.6397	1031.1
300	10.90	35.250	.	300	10.90	35.250	27.01	106.0	113.1	1498.76	0.6978	1365.4
400	8.30	34.880	.	400	8.30	34.880	27.15	92.1	99.5	1490.41	0.8041	2116.4
500	7.40	34.850	.	500	7.40	34.850	27.26	81.6	90.0	1488.55	0.8988	2967.9

CRUISE 67-A-6 STATION 88-STD

2340 GMT AUGUST 17, 1967

24 11.5 N 83 37.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.00	36.080	.	0	30.00	36.080	22.56	529.8	529.8	1547.19	0.0	0.0
10	30.10	36.080	.	10	30.10	36.080	22.52	533.1	533.5	1547.56	0.0532	2.7
20	29.70	36.070	.	20	29.70	36.070	22.65	520.7	521.6	1546.89	0.1059	10.6
30	29.40	36.000	.	30	29.40	36.000	22.70	516.0	517.3	1546.37	0.1579	23.8
40	28.90	36.050	.	40	28.90	36.050	22.91	496.3	498.0	1545.53	0.2086	42.1
50	28.90	36.120	.	50	28.90	36.120	22.96	491.3	493.4	1545.75	0.2582	65.5
75	27.60	36.080	.	75	27.60	36.080	23.36	453.2	456.4	1543.32	0.3769	144.9
100	27.00	36.160	.	100	27.00	36.160	23.61	428.9	433.1	1542.46	0.4881	253.0
150	24.80	36.630	.	150	24.80	36.630	24.65	329.6	335.8	1538.58	0.6803	545.1
200	21.50	36.610	.	200	21.50	36.610	25.60	239.7	247.3	1531.09	0.8261	921.7
250	19.00	36.440	.	250	19.00	36.440	26.14	188.4	197.3	1524.92	0.9373	1362.5
300	16.80	36.100	.	300	16.80	36.100	26.42	161.4	171.3	1518.97	1.0294	1854.2
400	12.90	35.600	.	400	12.90	35.600	26.90	116.6	127.5	1507.65	1.1788	2958.3
500	11.30	35.260	.	500	11.30	35.260	26.94	112.2	124.3	1503.39	1.3046	4200.0
600	9.50	34.940	.	600	9.50	34.940	27.01	105.8	118.3	1498.16	1.4259	5565.2
700	7.70	34.880	.	700	7.70	34.880	27.24	83.5	95.6	1492.96	1.5328	7044.6
800	6.80	34.820	.	800	6.80	34.820	27.33	75.8	88.2	1491.02	1.6247	8623.4
900	5.90	34.840	.	900	5.90	34.840	27.46	63.1	75.3	1489.11	1.7065	10289.0
1000	5.40	34.880	.	1000	5.40	34.880	27.55	54.2	66.7	1488.78	1.7775	12031.0

23 45.5 N 83 49.5 W

[illegible]

23 10.0 N 84 08.5 W

[illegible]

STATION 92-STD

1525 GMT AUGUST 18, 1967

23 42.0 N 84 42.0 W

[illegible]

24 58.5 N 84 40.5 W

[illegible]

25 27.0 N 85 00.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.20	36.120	.	0	30.20	36.120	22.52	533.5	533.5	1547.63	0.0	0.0
10	30.20	36.300	.	10	30.20	36.300	22.65	520.6	521.1	1547.95	0.0527	2.6
20	27.80	36.190	.	20	27.80	36.190	23.38	451.5	452.3	1542.96	0.1014	10.3
30	22.60	36.050	.	30	22.60	36.050	24.86	309.6	310.8	1530.69	0.1396	22.4
40	21.40	36.320	.	40	21.40	36.320	25.41	258.0	259.5	1527.99	0.1681	37.8
50	19.80	36.420	.	50	19.80	36.420	25.92	209.6	211.5	1523.92	0.1916	55.8
75	18.60	36.280	.	75	18.60	36.280	26.12	190.3	192.9	1520.82	0.2422	110.0
100	16.80	36.080	.	100	16.80	36.080	26.41	162.9	166.2	1515.74	0.2871	176.1
150	15.00	35.800	.	150	15.00	35.800	26.61	144.1	148.6	1510.70	0.3658	339.3
200	13.50	35.550	.	200	13.50	35.550	26.73	131.9	137.5	1506.38	0.4373	540.1
250	12.40	35.390	.	250	12.40	35.390	26.83	122.6	129.1	1503.32	0.5040	775.4
300	12.20	35.380	.	300	12.20	35.380	26.86	119.6	127.4	1503.43	0.5681	1043.4
400	9.80	35.000	.	400	9.80	35.000	27.01	106.2	114.7	1496.12	0.6891	1672.0
500	8.40	34.820	.	500	8.40	34.820	27.09	98.0	107.3	1492.32	0.8001	2416.6
600	7.40	34.800	.	600	7.40	34.800	27.23	85.3	95.3	1490.09	0.9014	3267.4
700	6.20	34.820	.	700	6.20	34.820	27.41	68.2	78.2	1487.04	0.9882	4212.2
800	6.00	34.820	.	800	6.00	34.820	27.43	65.8	76.8	1487.87	1.0657	5239.2
900	5.50	34.890	.	900	5.50	34.890	27.55	54.6	66.1	1487.58	1.1372	6340.6
1000	5.20	34.890	.	1000	5.20	34.890	27.59	51.2	63.3	1488.00	1.2019	7510.1
1100	4.90	34.920	.	1100	4.90	34.920	27.65	44.8	58.7	1490.09	1.3239	10035.9
1200	4.90	34.930	.	1200	4.90	34.930	27.65					

25 00.5 N 85 31.0 W

[illegible]

24 35.0 N 86 00.0 W

[illegible]

24 10.5 N 86 29.0 W

[illegible]

CRUISE 67-A-6 STATION 100-STD

1830 GMT AUGUST 19, 1967

23 48.8 N 86 51.1 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	31.50	36.180	.	0	31.50	36.180	22.11	572.7	572.7	1550.27	0.0	0.0
10	30.20	36.200	.	10	30.20	36.200	22.58	527.8	528.2	1547.86	0.0550	2.8
20	30.20	36.320	.	20	30.20	36.320	22.67	519.2	520.1	1548.13	0.1075	10.9
30	29.60	36.500	.	30	29.60	36.500	23.01	486.6	488.0	1547.21	0.1579	24.1
40	28.50	36.320	.	40	28.50	36.320	23.24	464.2	465.9	1544.91	0.2055	42.3
50	26.50	36.000	.	50	26.50	36.000	23.65	425.2	427.3	1540.38	0.2502	65.1
75	23.00	36.250	.	75	23.00	36.250	24.90	306.1	309.0	1532.62	0.3423	139.2
100	21.25	36.250	.	100	21.25	36.250	25.33	259.1	262.9	1528.49	0.4137	233.7
150	18.80	36.280	.	150	18.80	36.280	26.07	195.1	200.4	1522.59	0.5296	469.5
200	16.40	35.890	.	200	16.40	35.890	26.36	167.7	174.2	1515.94	0.6232	757.7
250	14.20	35.680	.	250	14.20	35.680	26.69	136.3	143.6	1509.61	0.7027	1089.2
300	12.50	35.400	.	300	12.50	35.400	26.82	123.7	131.6	1504.47	0.7715	1457.7
400	9.40	35.000	.	400	9.40	35.000	27.07	99.8	108.1	1494.66	0.8913	2289.1
500	7.80	34.820	.	500	7.80	34.820	27.18	89.4	98.1	1490.04	0.9944	3231.9
600	6.80	34.820	.	600	6.80	34.820	27.33	75.8	85.2	1487.79	1.0860	4272.1
700	6.10	34.820	.	700	6.10	34.820	27.42	67.0	76.8	1486.64	1.1670	5398.6
800	5.60	34.880	.	800	5.60	34.880	27.53	56.5	67.0	1486.34	1.2389	6601.5
900	5.40	34.890	.	900	5.40	34.890	27.56	53.4	64.8	1487.18	1.3047	7873.3

CRUISE 67-A- 6 STATION 101-STD

2335 GMT AUGUST 19, 1967

23 24.5 N 87 21.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.35	36.230	.	0	29.35	36.230	22.89	497.9	497.8	1545.98	0.0	0.0
10	29.20	36.400	.	10	29.20	36.400	23.07	480.8	481.2	1545.97	0.0490	2.4
20	28.06	36.100	.	20	28.06	36.100	23.22	466.1	466.9	1543.45	0.0964	9.7
30	27.55	36.090	.	30	27.55	36.090	23.38	450.9	452.2	1542.49	0.1423	21.6
40	26.97	36.090	.	40	26.97	36.090	23.57	433.1	434.8	1541.36	0.1867	38.1
50	26.85	36.180	.	50	26.85	36.180	23.68	422.9	425.0	1541.33	0.2297	58.9

24 12.2 N 88 14.7 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	30.20	36.200	.	0	30.20	36.200	22.58	527.8	527.8	1547.70	0.0	0.0
10	30.00	36.190	.	10	30.00	36.190	22.64	521.9	522.4	1547.45	0.0525	2.6
20	28.70	36.000	.	20	28.70	36.000	22.94	493.5	494.3	1544.74	0.1033	10.4
30	28.40	36.020	.	30	28.40	36.020	23.05	482.6	483.8	1544.27	0.1522	23.2
40	27.80	36.000	.	40	27.80	36.000	23.23	465.1	466.8	1543.12	0.1998	40.8
50	27.30	36.000	.	50	27.30	36.000	23.40	449.6	451.8	1542.18	0.2457	63.1
75	26.40	36.120	.	75	26.40	36.120	23.77	413.6	416.7	1540.66	0.3543	138.1
100	25.80	36.210	.	100	25.80	36.210	24.03	389.2	393.3	1539.77	0.4555	239.3
150	23.60	36.600	.	150	23.60	36.600	24.99	297.6	303.6	1535.64	0.6297	510.6
200	20.40	36.500	.	200	20.40	36.500	25.82	219.0	226.5	1528.05	0.7622	858.6
250	18.80	36.400	.	250	18.80	36.400	26.16	186.4	195.3	1524.31	0.8677	1266.1
300	16.80	36.080	.	300	16.80	36.080	26.45	161.1	170.4	1520.04	0.9557	1755.1

29.0 N 0.55 88 H 0.55 88 W

[illegible]

24 51.5 N 89 36.0 W

[illegible]

25 04.5 N 90 13.3 W

[illegible]

CRUISE 67-A-6

0330 GMT AUGUST 21, 1967

25 26.5 N 91 20.5 W

[illegible]

25 35.5 N 56.0 W

[illegible]

CRUISE 67-A-6 STATION 113-STD

2030 GMT AUGUST 21, 1967

27 19.5 N 92 07.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	29.50	36.000	.	0	29.50	36.000	22.67	519.2	519.3	1546.09	0.0	0.0
10	29.00	36.040	.	10	29.00	36.040	22.87	500.2	500.6	1545.24	0.0510	2.5
20	28.90	36.020	.	20	28.90	36.020	22.88	498.5	499.3	1545.18	0.1010	10.1
30	27.50	35.950	.	30	27.50	35.950	23.29	459.4	460.7	1542.25	0.1490	22.6
40	25.00	36.200	.	40	25.00	36.200	24.27	366.4	368.0	1536.91	0.1904	39.6
50	23.30	36.280	.	50	23.30	36.280	24.84	312.3	314.2	1533.00	0.2245	60.4
75	20.60	36.350	.	75	20.60	36.350	25.65	235.0	237.8	1526.44	0.2935	125.1
100	19.80	36.350	.	100	19.80	36.350	25.86	214.7	218.3	1524.66	0.3506	205.6
150	17.40	36.280	.	150	17.40	36.280	26.42	162.0	167.1	1518.53	0.4469	405.0
200	15.20	35.900	.	200	15.20	35.900	26.64	141.0	147.1	1512.24	0.5255	648.1
250	13.50	35.600	.	250	13.50	35.600	26.77	128.2	135.2	1507.24	0.5961	928.5
300	12.20	35.420	.	300	12.20	35.420	26.89	116.7	124.4	1503.48	0.6610	1242.8

CRUISE 67-A-6 STATION 114-STD

0000 GMT AUGUST 22, 1967

27 54.0 N 92 02.0 W

1	2	3	4	5	6	7	8	9	10	11	12	13
0	28.50	34.000	.	0	28.50	34.000	21.50	630.9	630.8	1541.88	0.0	0.0
10	28.50	34.200	.	10	28.50	34.200	21.65	616.5	616.9	1542.28	0.0624	3.1
20	28.50	34.320	.	20	28.50	34.320	21.74	607.9	608.6	1542.59	0.1237	12.4
30	28.00	35.900	.	30	28.00	35.900	23.09	478.6	479.9	1543.30	0.1781	27.5
40	25.00	36.150	.	40	25.00	36.150	24.23	370.0	371.6	1536.86	0.2207	47.4
50	22.50	36.150	.	50	22.50	36.150	24.97	299.7	301.6	1530.85	0.2543	71.2
75	19.50	36.300	.	75	19.50	36.300	25.90	210.9	213.6	1523.38	0.3187	142.8
100	18.90	36.280	.	100	18.90	36.280	26.04	197.6	201.1	1522.07	0.3705	229.0
150	18.10	36.270	.	150	18.10	36.270	26.24	179.1	184.3	1520.57	0.4669	438.3