

UNCLASSIFIED

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1. REPORT NUMBER	2. GOVT ACCESSION NO. AD-A087569	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Booklet of General Plans U.S. COAST GUARD CUTTERS, 80 WPB "A" CLASS. Booklet of General		5. TYPE OF REPORT & PERIOD COVERED
7. AUTHOR(s) U.S. COAST GUARD Plans.		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS COMADANT (G-ENG-5F/63) U.S. COAST GUARD 2100 SECOND ST, S.W. WASHINGTON, DC, 20593		8. CONTRACT OR GRANT NUMBER(s) 12/60
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		

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BOOKLET OF GENERAL PLANS U.S. COAST GUARD CUTTERS


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PLANS
ERS

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D

CCGD-7 	9/6/73	<i>MK</i>	CORRECTED TO BRING UP TO DATE IN ACCORDANCE APPLICABLE TO 7th DIST WPB 82312 & 82314
REVISION	DATE	APPD.	DESCRIPTION
U. S. COAST GUARD		7th DISTRICT	
		NAVAL ENGINEERING	
DESIGNED - DRAWN - TRACED - CHECKED -		<u>82'WPB</u>	
		BOOKLET OF GEN	
		APPROVED	
CHIEF OF SECTION		U.S.C.G. CHIEF OF DIVISION	
		82WPB	
		SCALE 1/4"	

80 8 6 031

3

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Distribution Unlimited

LEVEL II

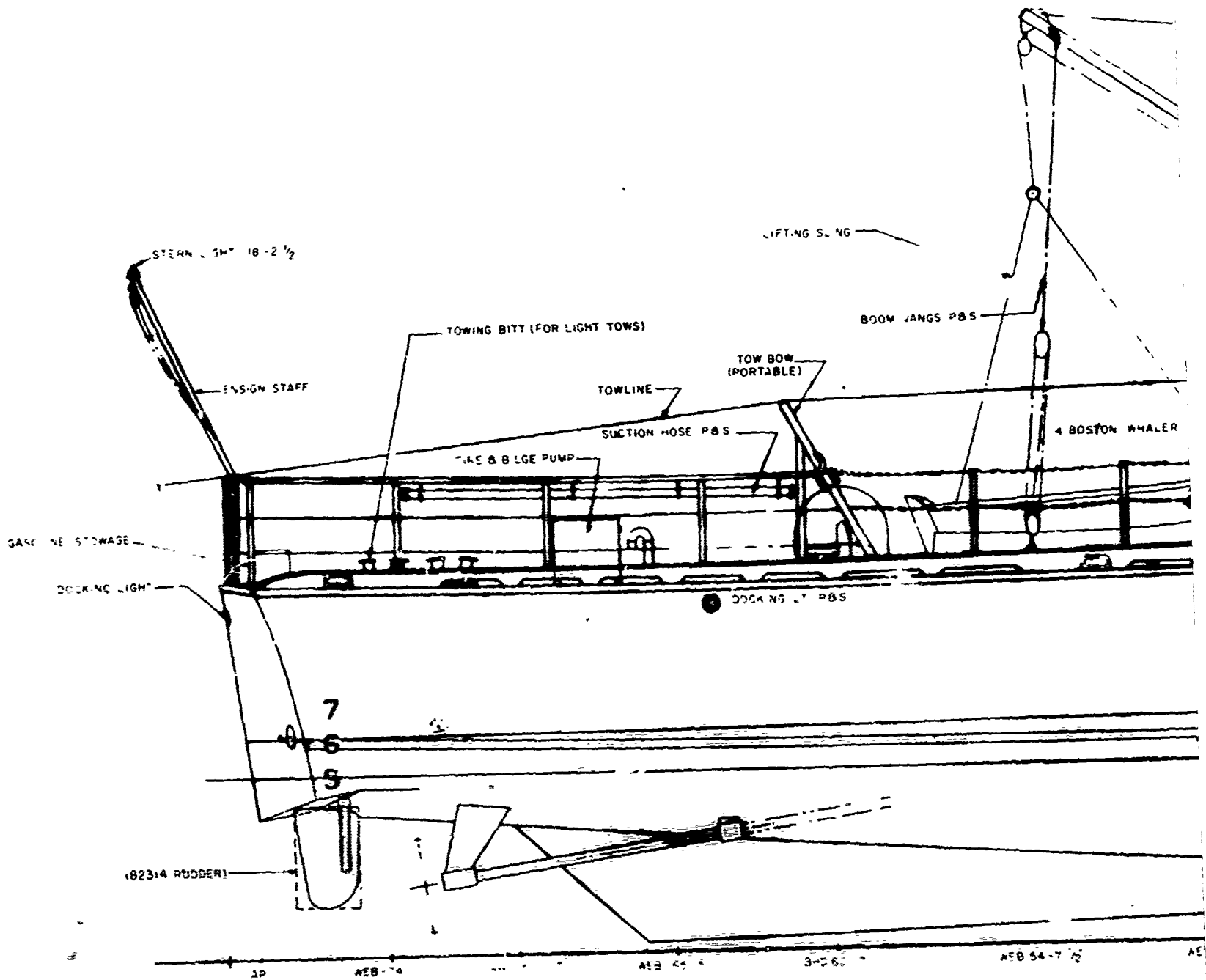
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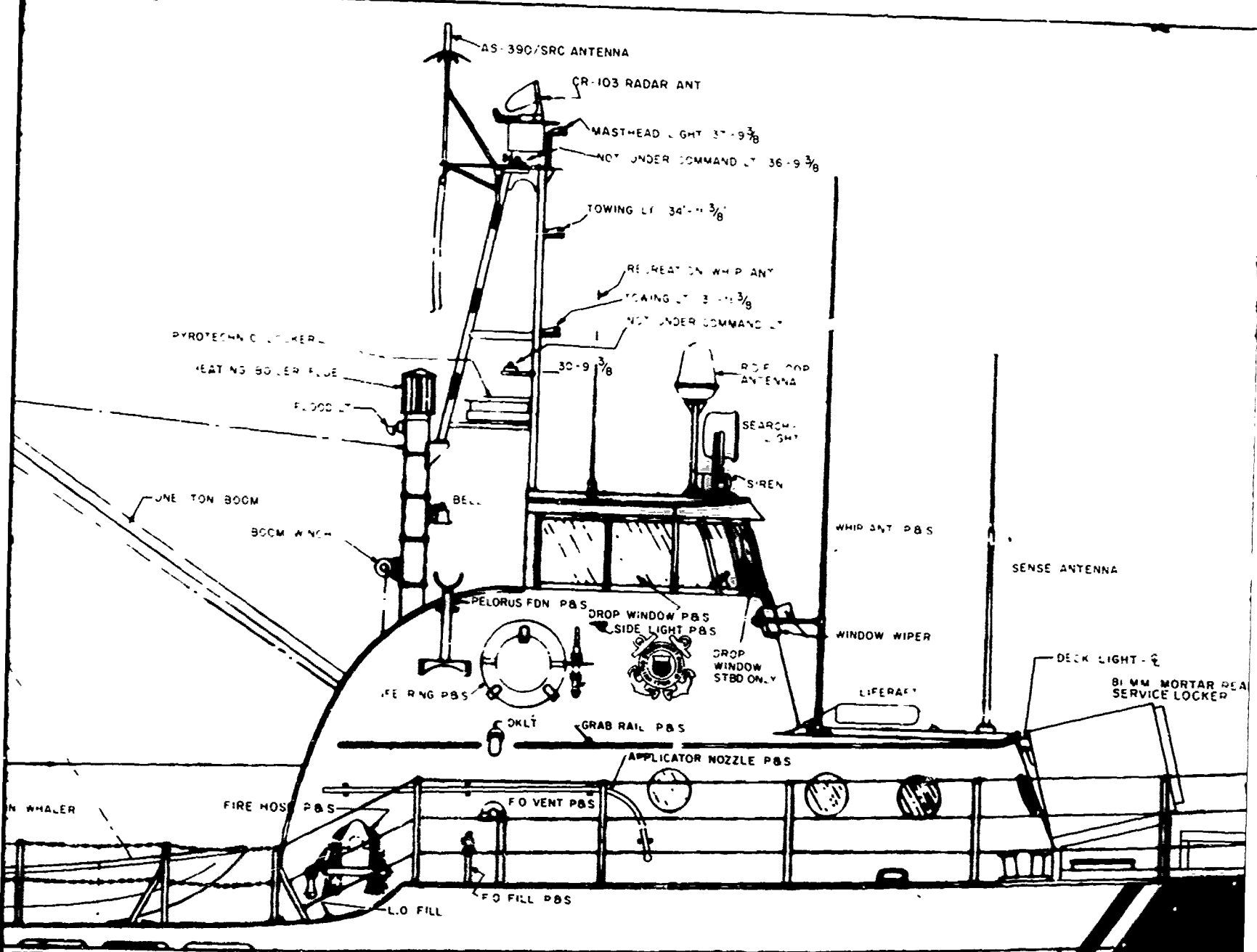
ON	DATE	APPD.	DESCRIPTION	BY
	9/6/53	<i>MP</i>	CORRECTED TO BRING UP TO DATE IN ACCORDANCE WITH COMTINST 9010.1B APPLICABLE TO 7th DIST WPB 82312 & 82314	ILMC
U.S. COAST GUARD		7th DISTRICT		MIAMI, FLA.
NAVAL ENGINEERING				
<u>82'WPB</u> <u>"A" CLASS</u>				
<u>BOOKLET OF GENERAL PLANS</u>				
APPROVED				DATE
CHIEF OF SECTION		U.S.C.G. CHIEF OF DIVISION		
			C. G. DRAWING NO.	
			82WPB-0103-II	
			ALT. 1	
			SCALE 1/4" = 1'-0"	
			SHEET 1 OF 5	

80 8 6 03 1

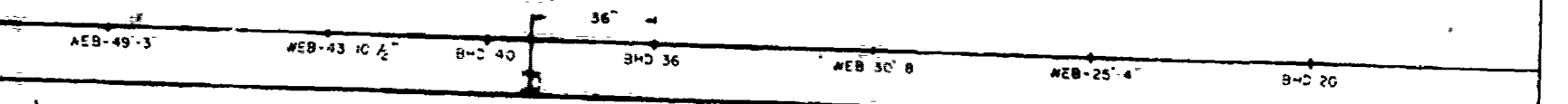
1

4





DOCKING LT P&S
COAST GUARD



NAVIGATION LIGHTS ELEVATIONS ARE
GIVEN FROM THE SKEG AT ∞

ANCHOR LIGHT
24 - 8 $\frac{3}{4}$ "

JACK STAFF

MORTAR READY
LOCKER

81 MM MORTAR

DOCKING L. P.S.

82301

OUTBOARD PROFILE

82WPB-0103-11

SCALE $\frac{1}{4}$ " = 1'-0"

SHEET 2 OF 5

WEB-13"

10'-6"

8HD 6'

FP

8

ON LIGHTS ELEVATIONS ARE
FROM THE SMEG AT 00

ANCHOR LIGHT
24 8 3/4"

JACK STAFF

MORTAR

DOCKING LIGHTS

01

5
4
3
2
1

BHD 6'

OUTBOARD PROFILE

82WPB-0103-11

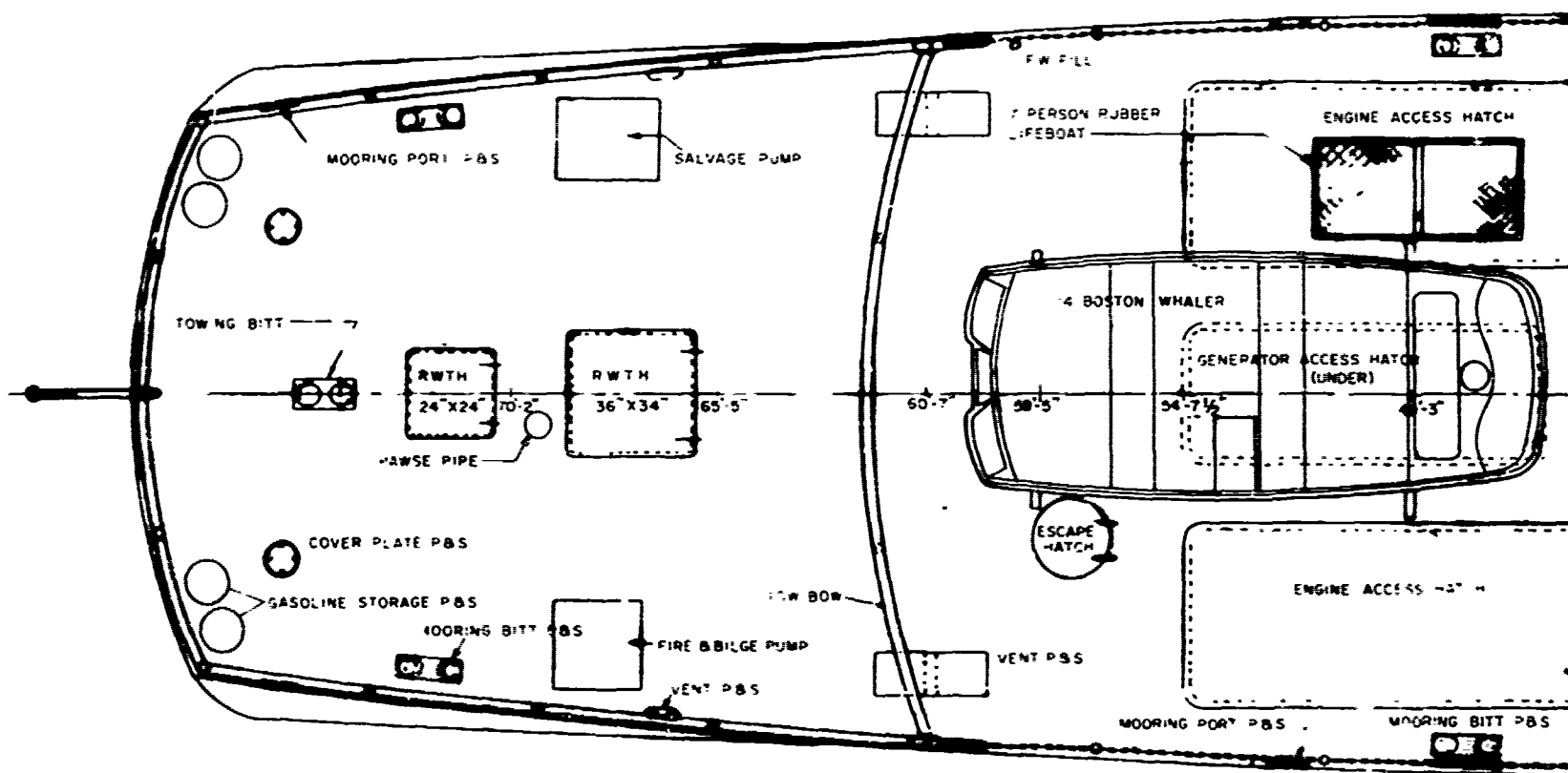
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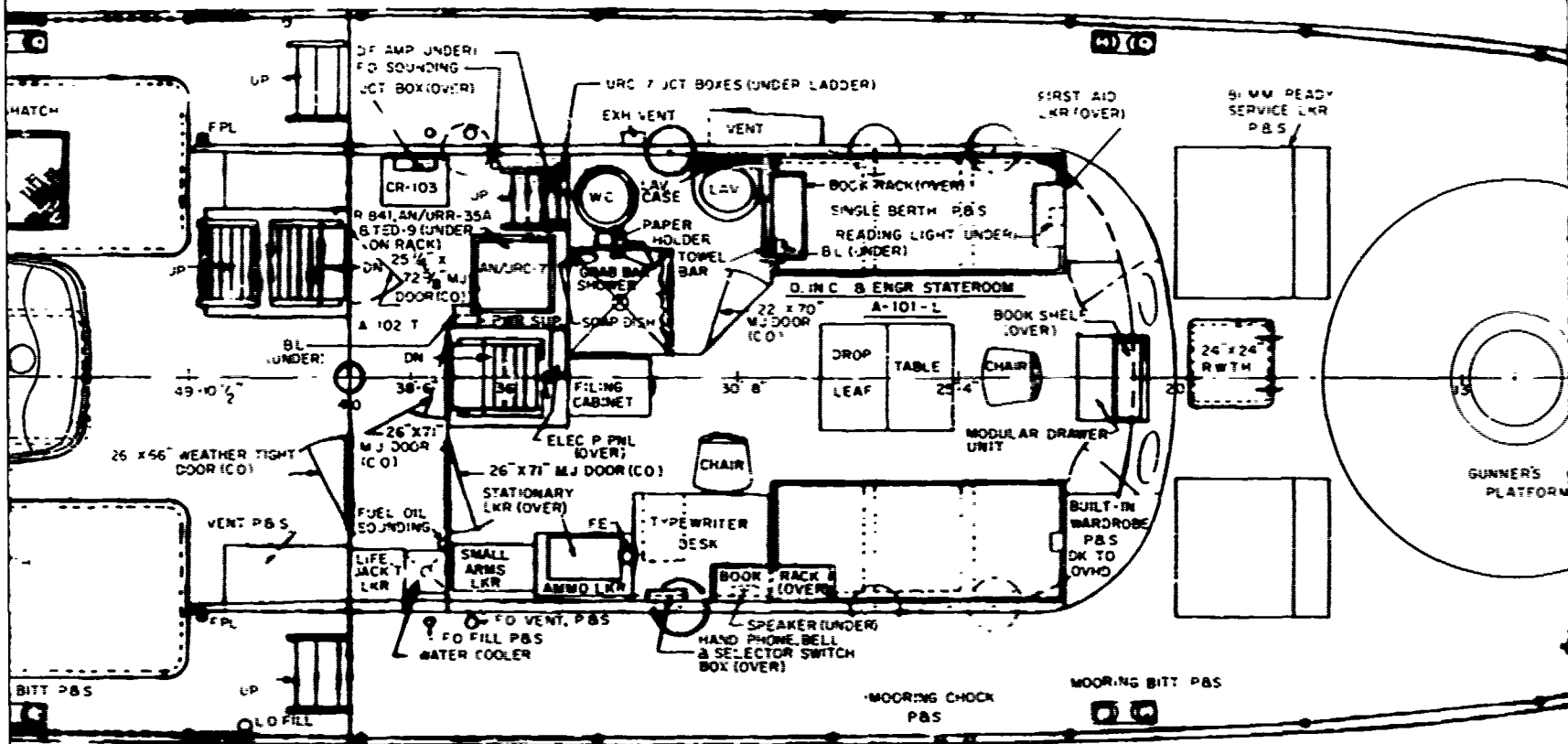
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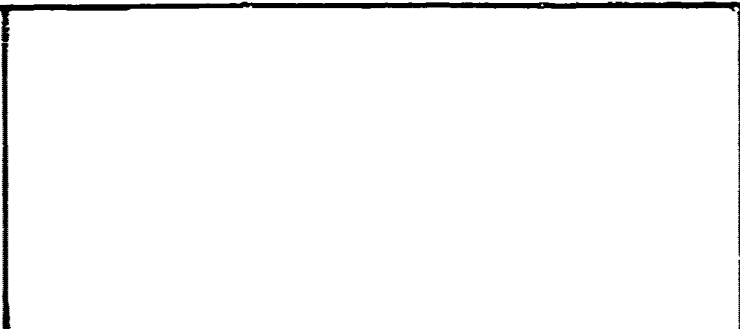
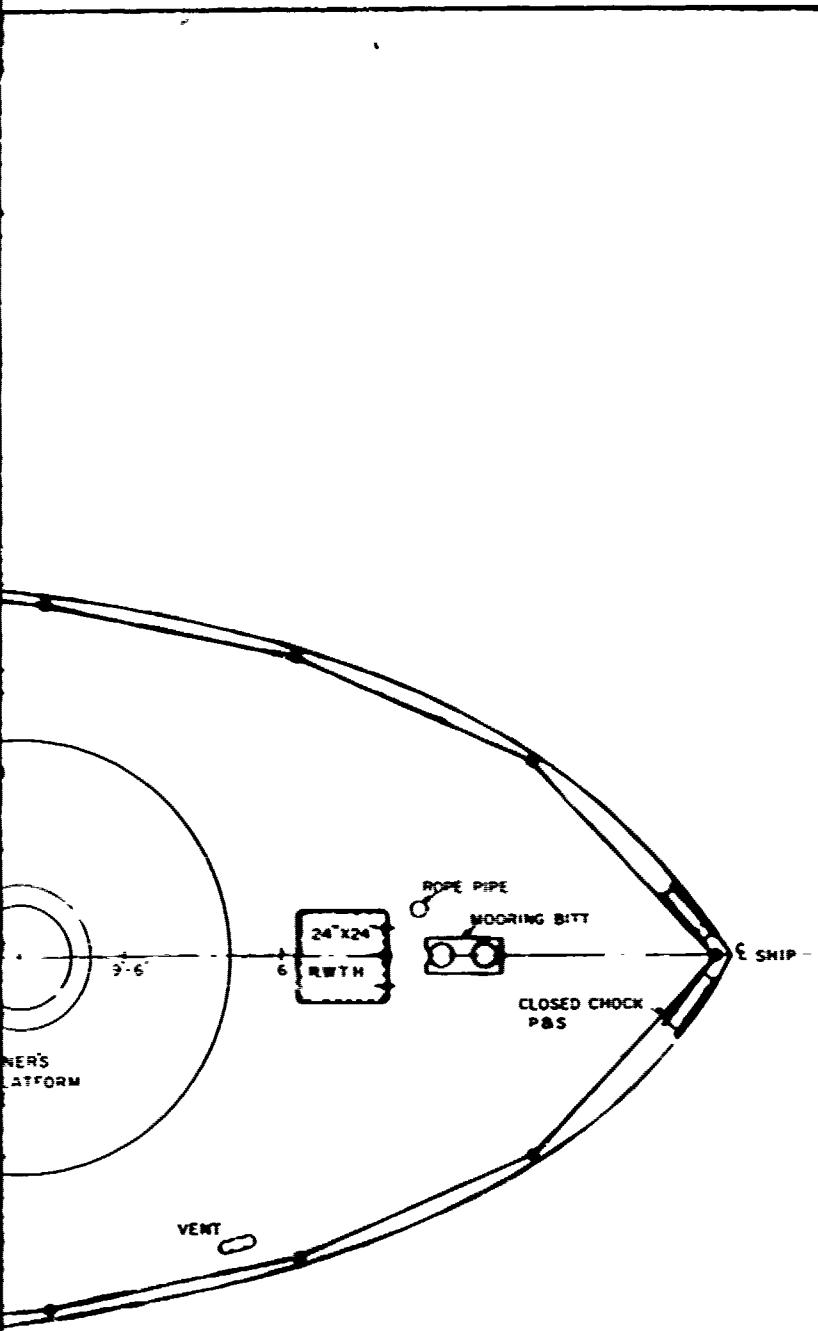
SHEET 2 OF 5

8

9







ABBREVIATIONS

R.W.T.H.	RAISED WATERTIGHT HATCH
W.C.	WATER CLOSET
LAV.	LAVATORY
AMMUNITION LOCKER	AMMUNITION LOCKER
F.O.	FUEL OIL
L.O.	LUBRICATING OIL
F.P.L.	FIRE PLUG
F.W.	FRESH WATER
STAN.	STANCHION
REFR.	REFRIGERATOR
B.B.	BULLETIN BOARD
A/C	AIR CONDITIONING
H.W.	HOT WATER
ELEC. D. PANEL	ELECTRIC DISTRIBUTION PANEL
VL	VERTICAL LADDER
DN	DOWN
LT.	LIGHT
ENG.	ENGINE
F.E.	FIRE EXTINGUISHER
P.B.S.	PORT & STARBOARD
B.L.	BATTLE LANTERN

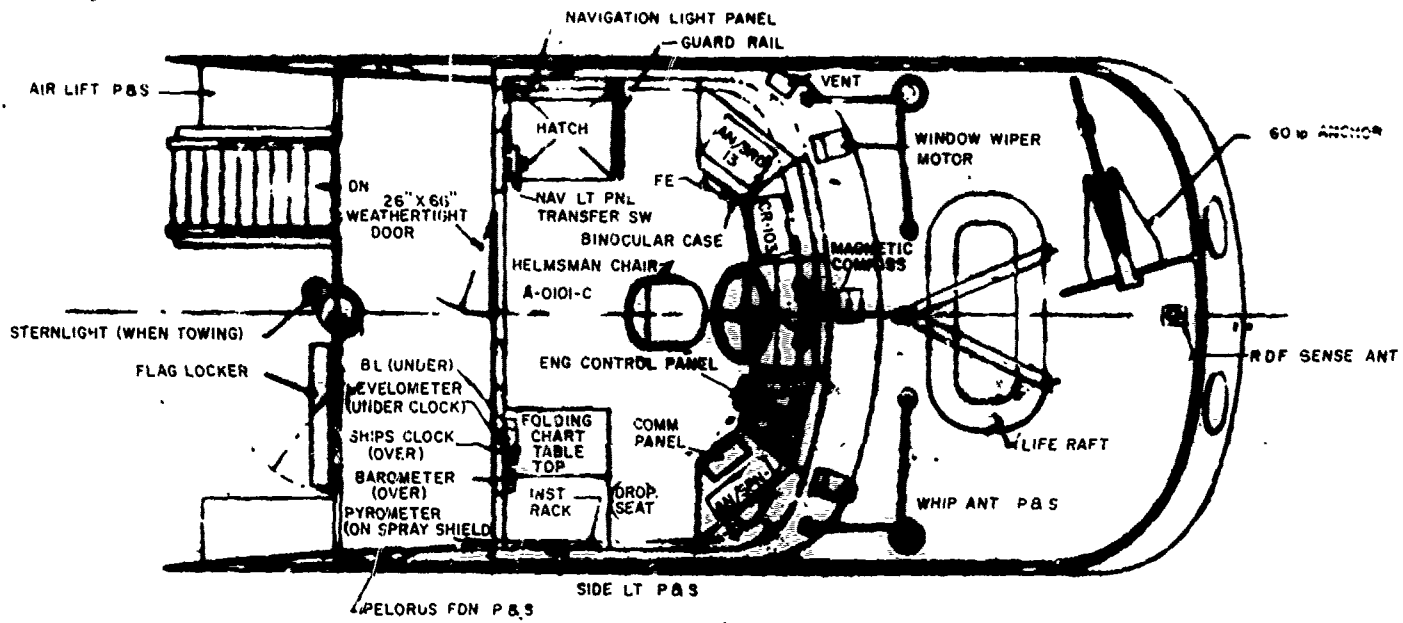
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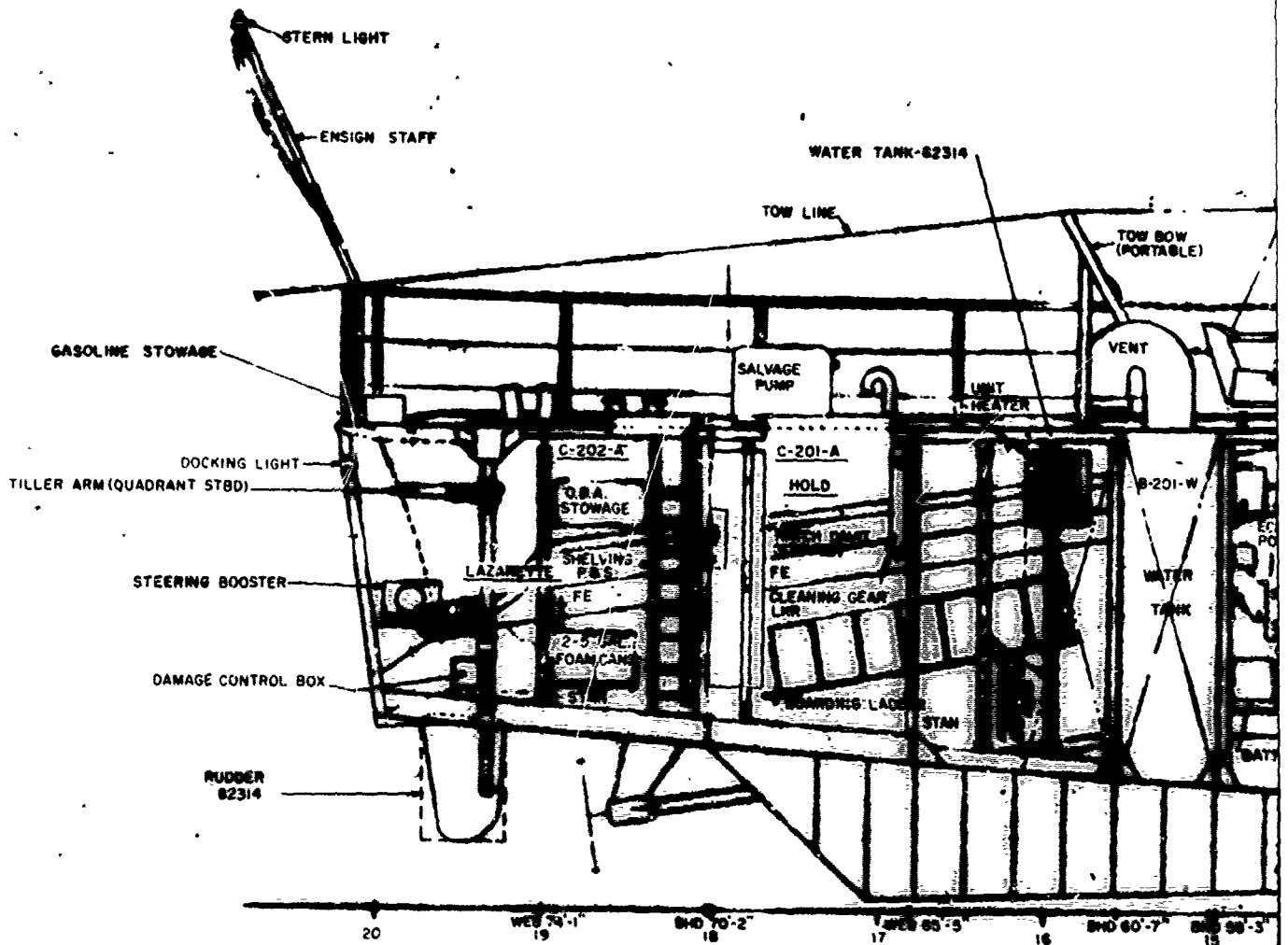
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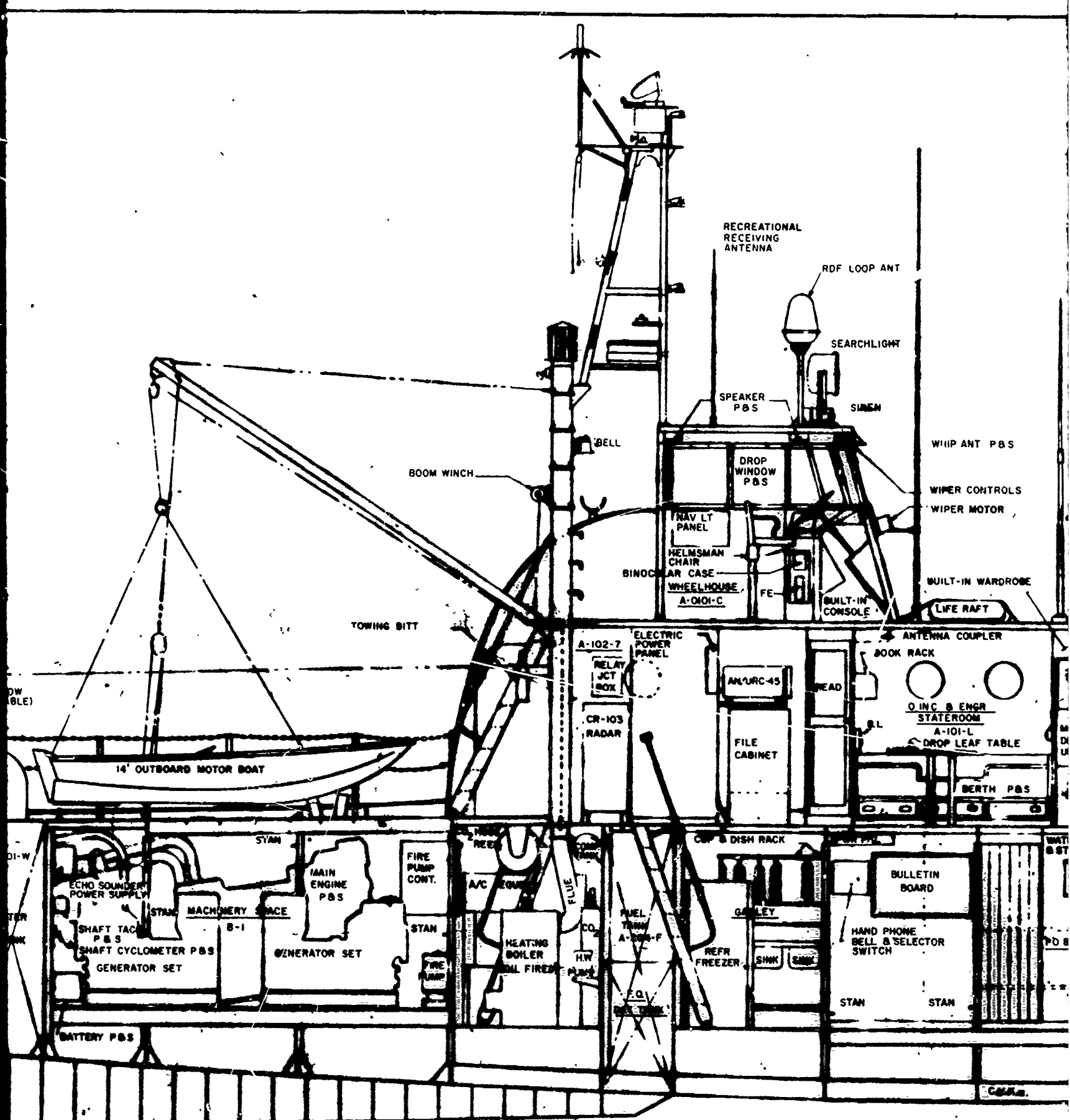
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SHEET 3 OF 5



WHEELHOUSE AND CABIN TOP

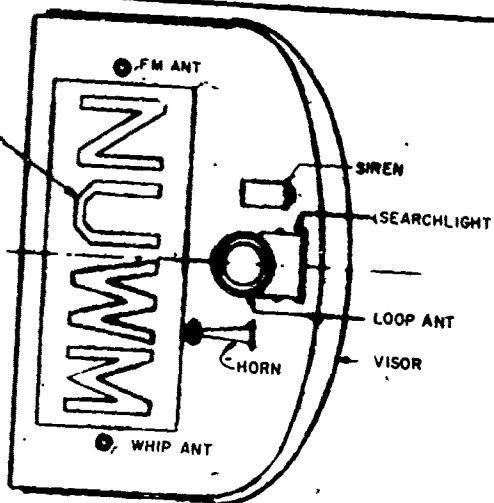




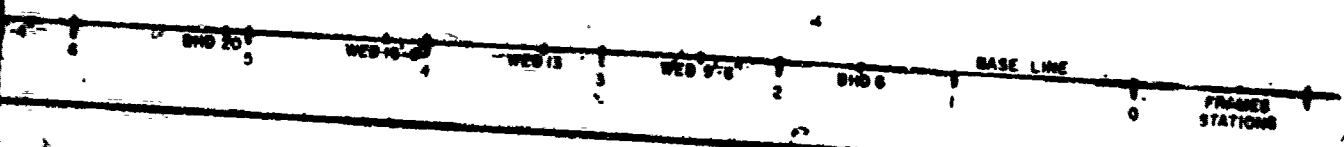
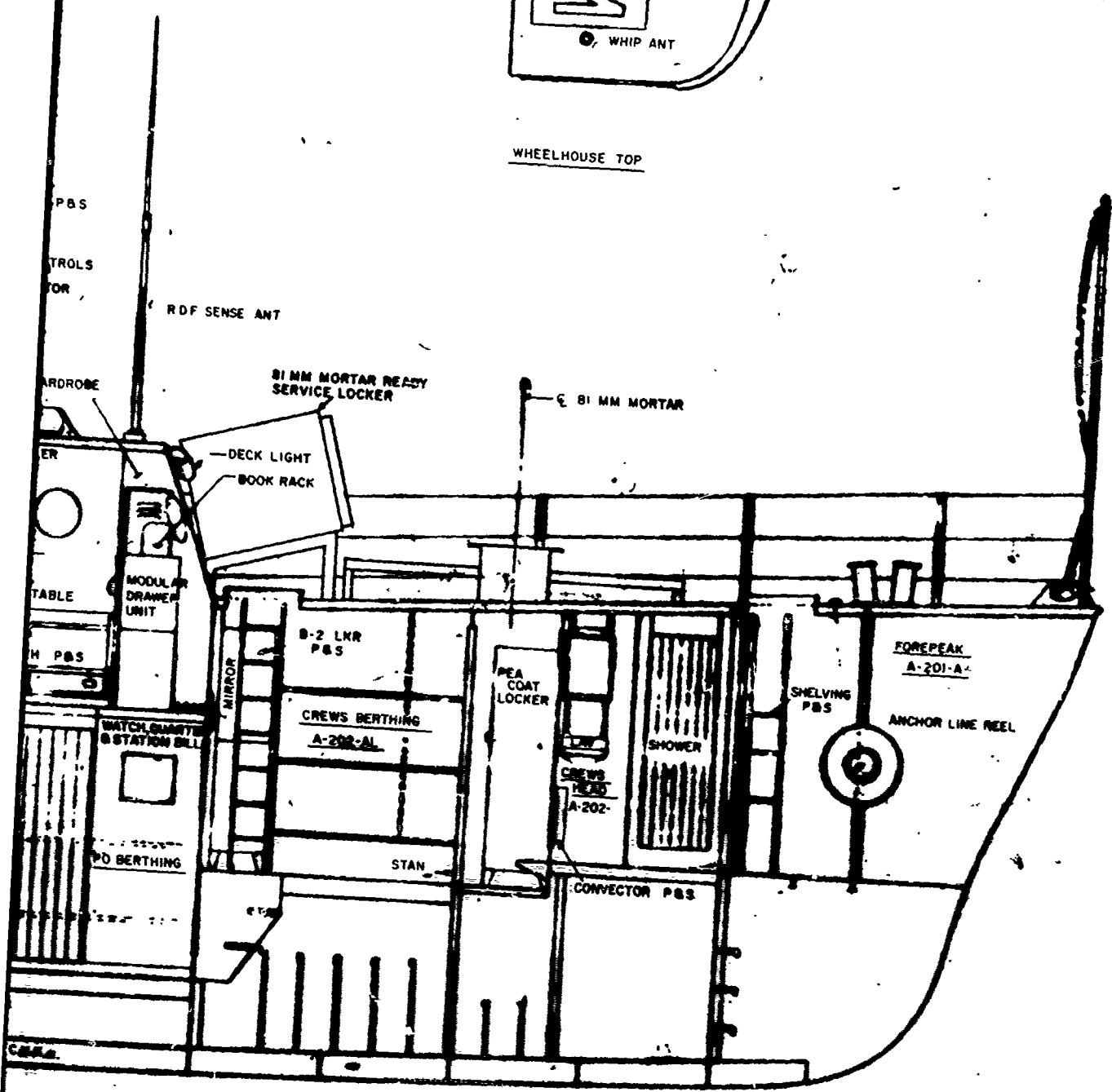
BND 30-5 13 WEB 34-7 14 WEB 40-5 12 WEB 43-10 11 BND 40 10 F 10 30-5 BND 34 9 WEB 30-5 8 WEB 28-4 7

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AERIAL IDENTIFICATION CALL
LETTERS (HULL NO 82305)



WHEELHOUSE TOP

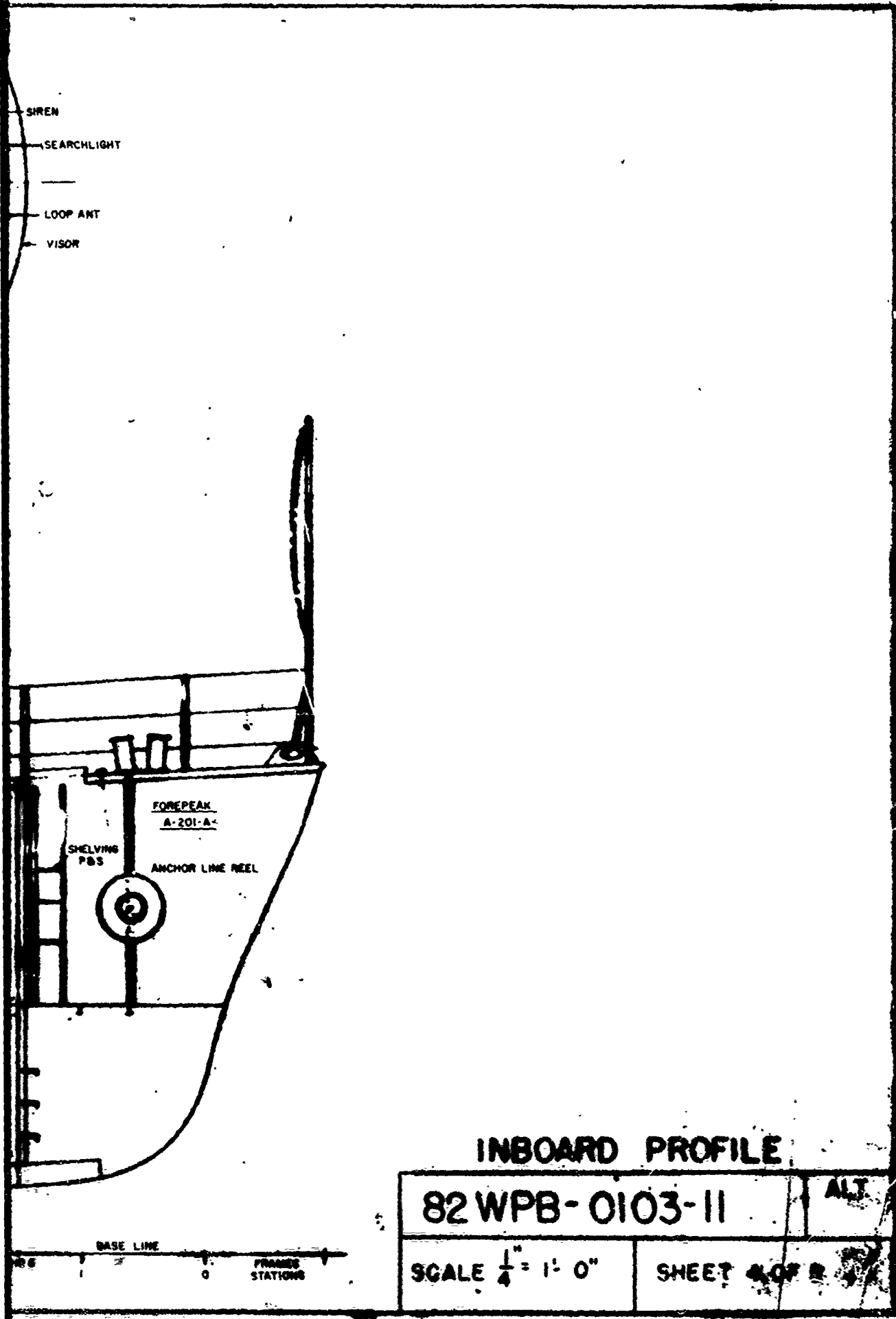


INBOARD

82 WPB-

SCALE 1/4" = 1'-0"

15



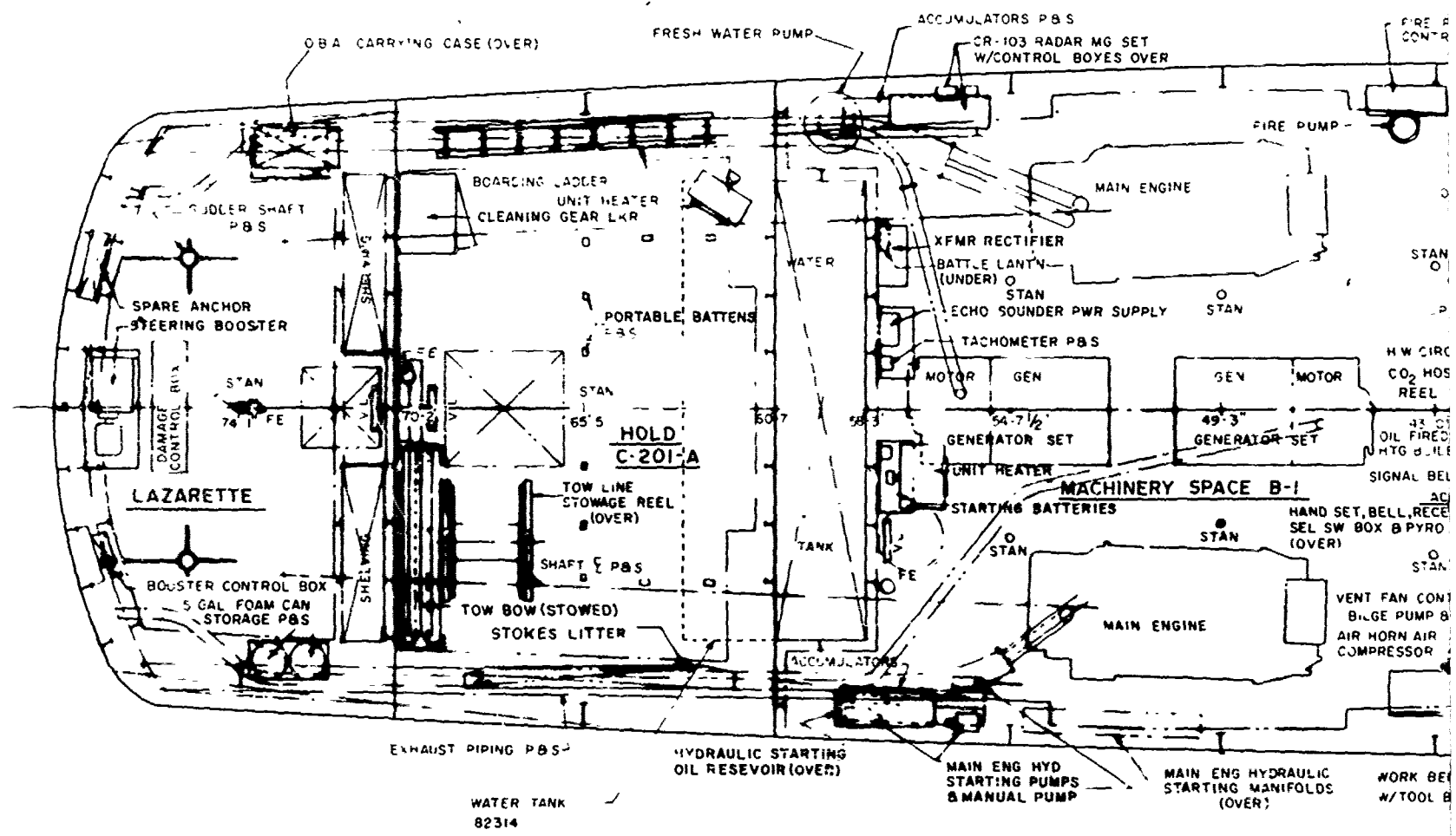
INBOARD PROFILE

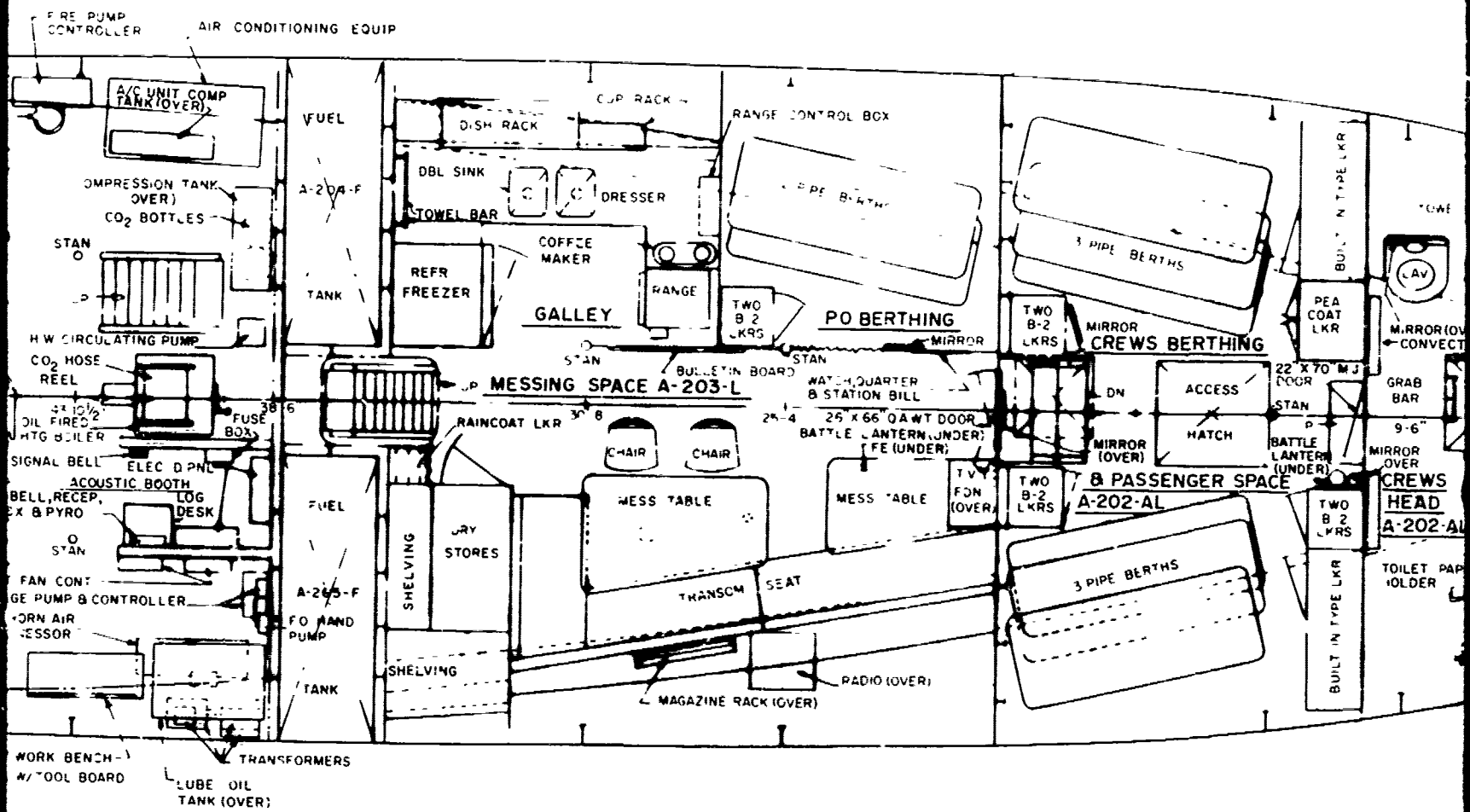
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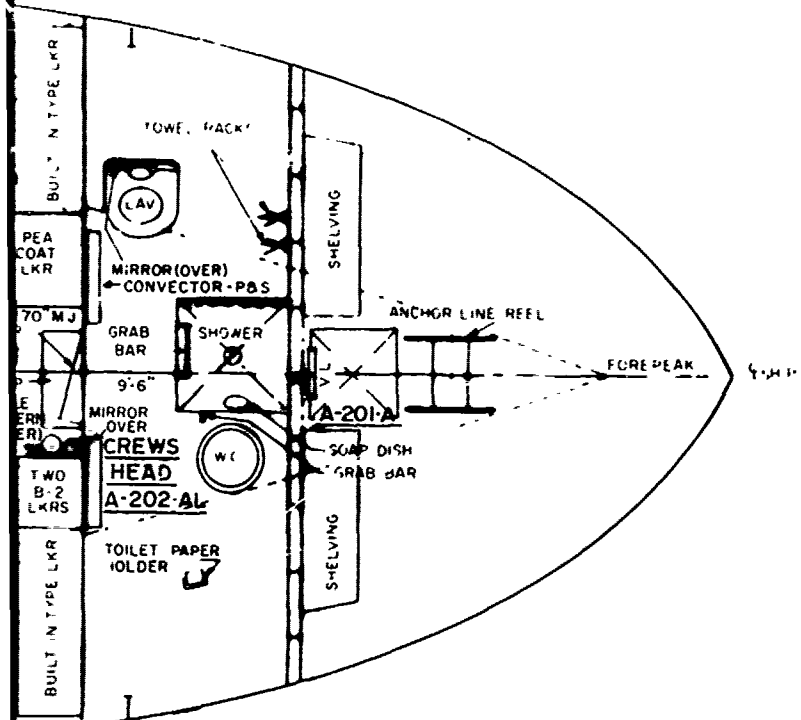
ALT

SCALE $\frac{1}{4}'' = 1'-0''$

SHEET 4 OF 2







BERTHING FLAT

82WPB-0103-11



ALT.

SCALE $\frac{1}{4}'' = 1'-0''$



SHEET 5 OF 5

**BOOKLET OF GENERAL P
J.S. COAST GUARD CUTTER**

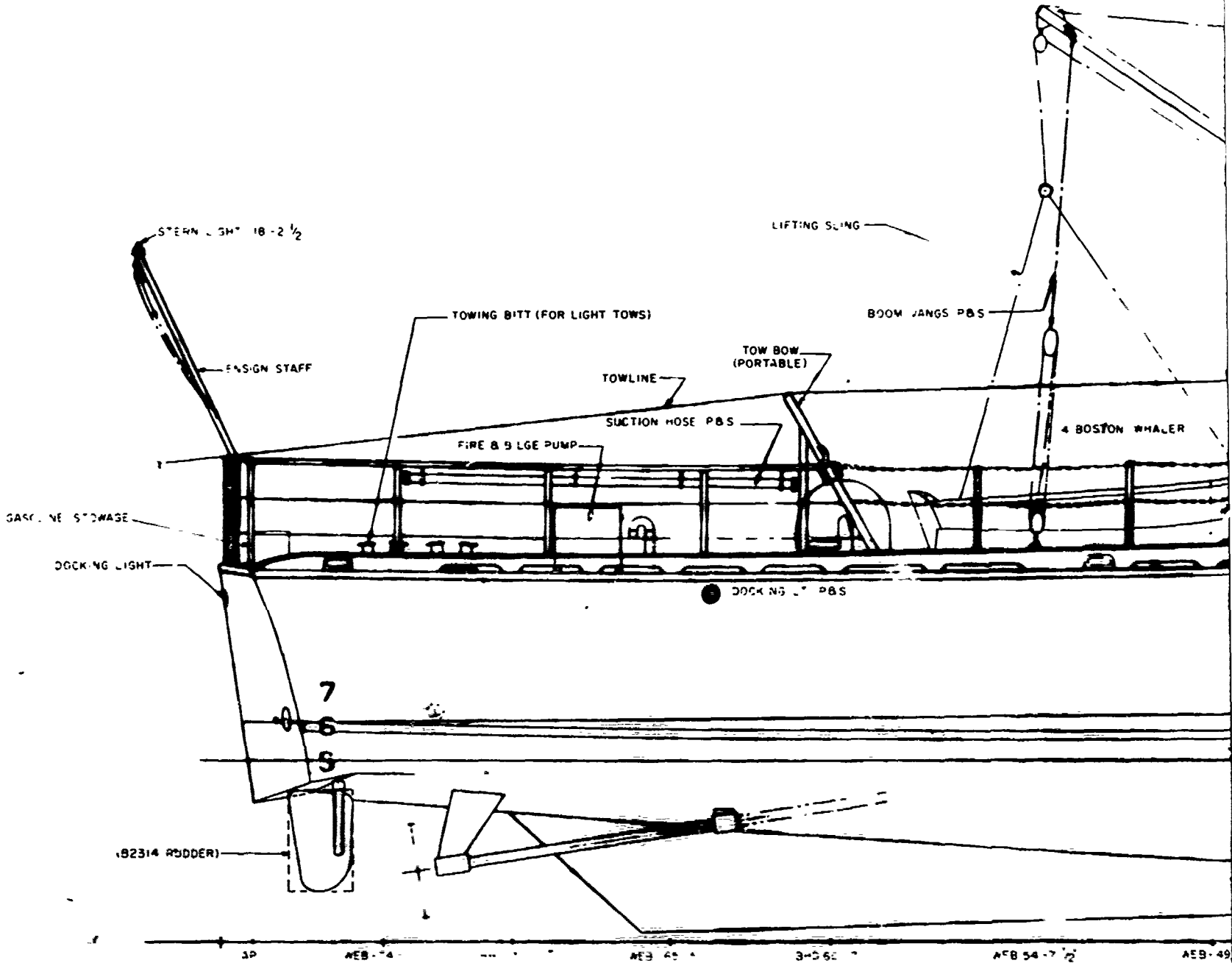
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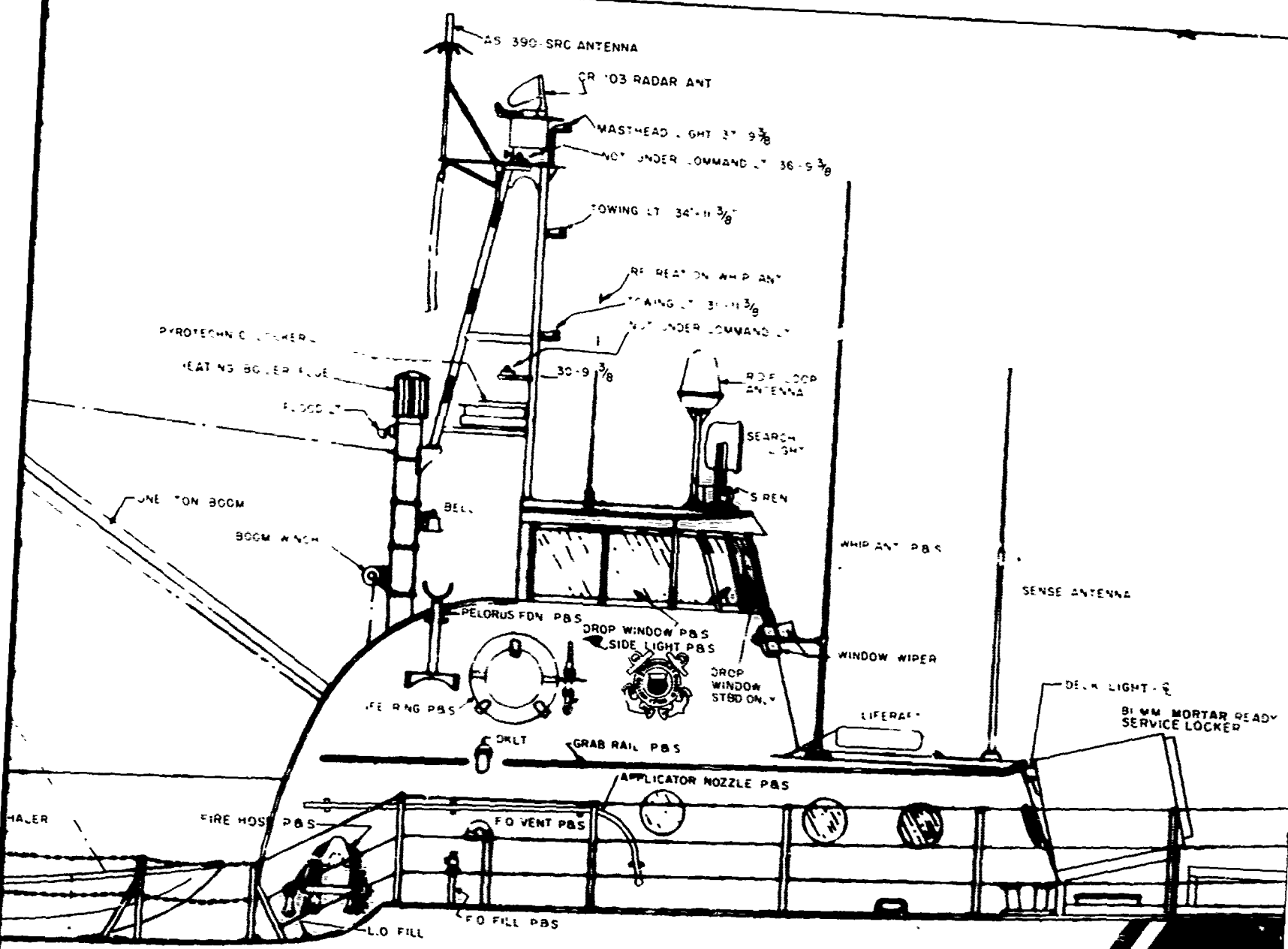
CCGD-7 	9/6/53		CORRECTED TO BRING UP TO DATE IN ACCOR APPLICABLE TO 7th DIST WPB 82312 & 8
REVISION	DATE	APPD.	DESCRIPTION
U. S. COAST GUARD		7th DISTRICT	
		NAVAL ENGINEER	
DESIGNED - DRAWN - TRACED - CHECKED -		<u>82'WPB</u> <u>BOOKLET OF G</u>	
		APPROVED	
CHIEF OF SECTION		U.S.C.G. CHIEF OF DIVIS	
		<div style="border: 1px solid black; padding: 5px; display: inline-block;">82</div> SCALE	
CG-3400-A 12-52			

8

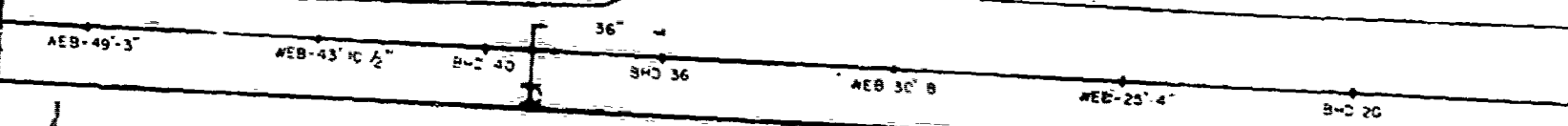
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REVISION	DATE	APPD.	DESCRIPTION	BY
U. S. COAST GUARD		7th DISTRICT		MIAMI, FLA.
NAVAL ENGINEERING				
DESIGNED -	82'WPB "A" CLASS			
DRAWN -				
TRACED -				
CHECKED -				
			BOOKLET OF GENERAL PLANS	
APPROVED			DATE	
CHIEF OF SECTION			U.S.C.G. CHIEF OF DIVISION	
			C. G. DRAWING NO.	
			82WPB-0103-11	
			ALT. 1	
CG-3408-A 12-52			SCALE 1/4" = 1'-0"	SHEET 1 OF 5


22





DOCKING LT P&S
COAST GUARD




NAVIGATION LIGHTS ELEVATIONS ARE
GIVEN FROM THE SKEG AT 

ANCHOR LIGHT
24 8 3/4"

JACK STAFF

READY

81 MM MORTAR

 DOCKING LIGHT

82301

5
4
3
2
1

OUTBOARD PROFILE

82WPB-0103-II

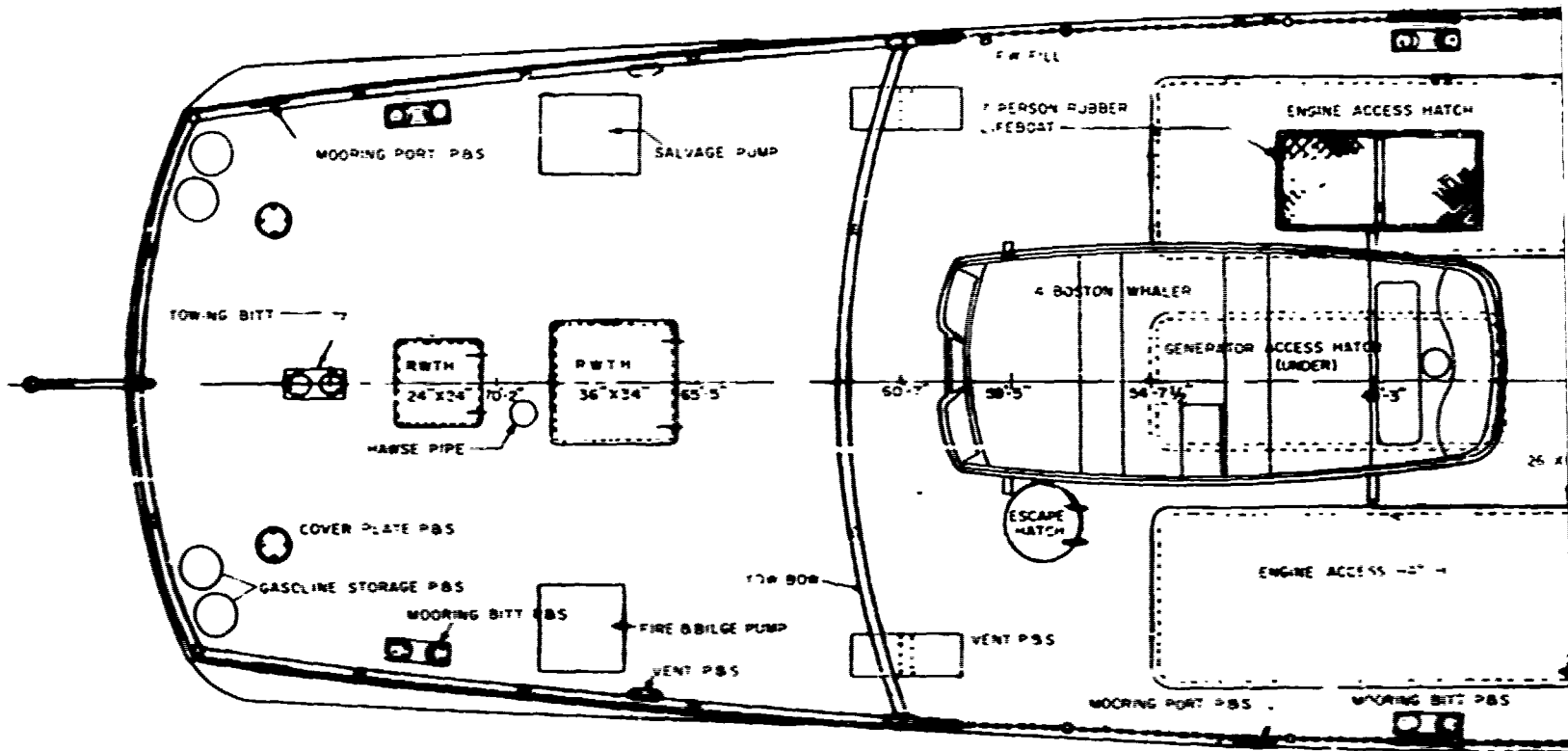
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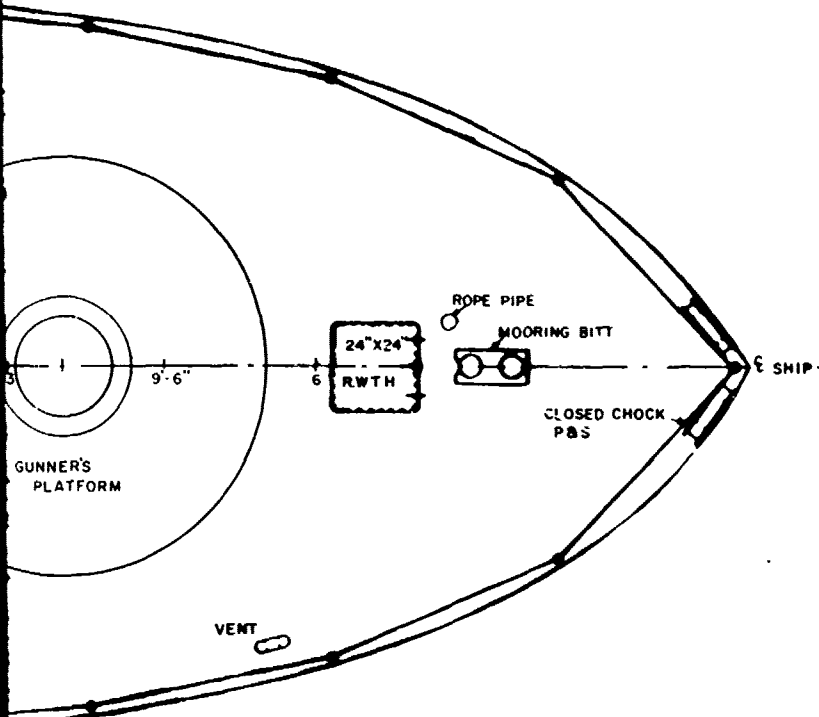
SCALE $\frac{1}{4}'' = 1'-0''$

SHEET 2 OF 5

WEB 13" 10'-6" 8'-0" 6'

25

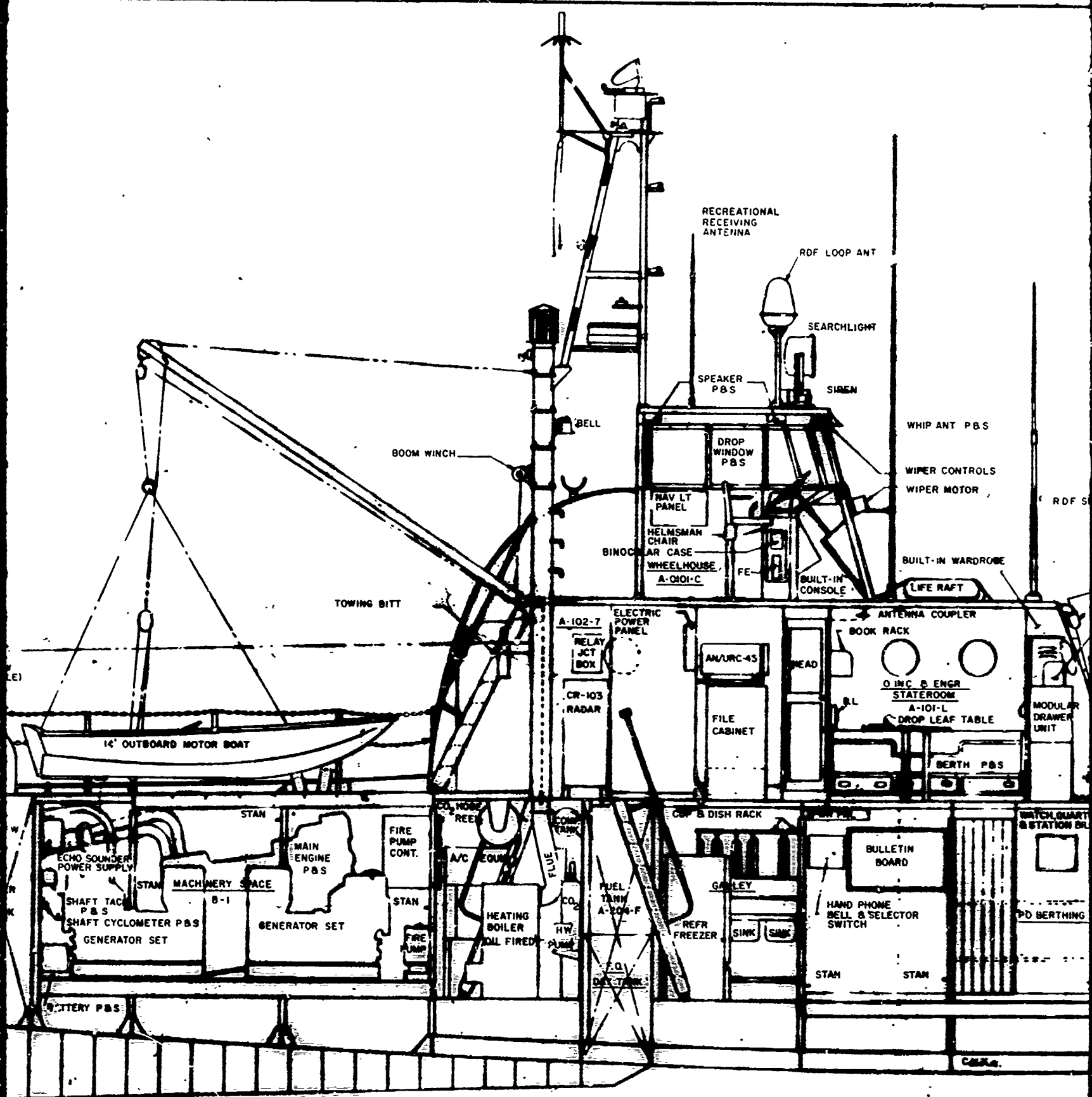




ABBREVIATIONS	
R.W.T.H.	RAISED WATERTIGHT HATCH
W.C.	WATER CLOSET
LAV.	LAVATORY
AMMLKR	AMMUNITION LOCKER
F.O.	FUEL OIL
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VL	VERTICAL LADDER
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F.E.	FIRE EXTINGUISHER
P.S.	PORT & STARBOARD
B.L.	BATTLE LANTERN

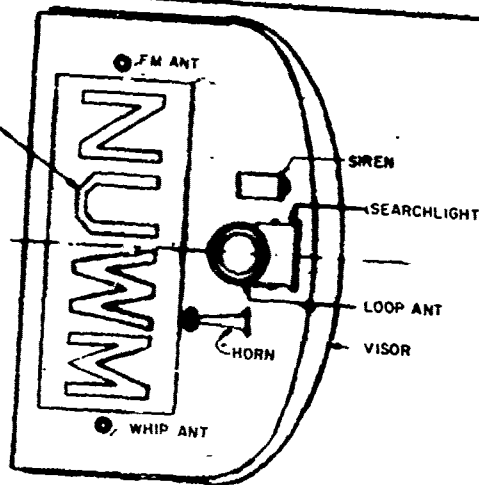
MAIN DECK

82WPB-0103-11	ALT.
SCALE $\frac{1}{4}'' = 1'-0''$	SHEET 3 OF 5



BHD 30'-3" 15 WEB 54'-7 1/2" 14 WEB 49'-3" 12 WEB 43'-10 1/2" 11 BHD 40' 10 BHD 38'-8" 8 BHD 36' 6" 7 WEB 30'-6" 7 WEB 25'-4" 6

AERIAL IDENTIFICATION CALL LETTERS (HULL NO 82305)



WHEELHOUSE TOP

RDF SENSE ANT

81 MM MORTAR READY SERVICE LOCKER

81 MM MORTAR

DECK LIGHT
BOOK RACK

MODULAR DRAWER UNIT

QUARTER TATION BIL

BERTHING

B-2 LKR P&S

CREWS BERTHING A-202-AL

STAN

PEA COAT LOCKER

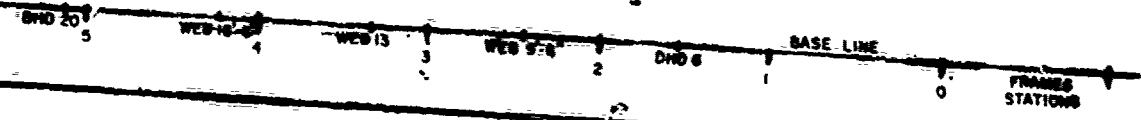
CREWS HEAD A-202

CONVECTOR P&S

FOREPEAK A-201-A

SHELVING P&S

ANCHOR LINE REEL

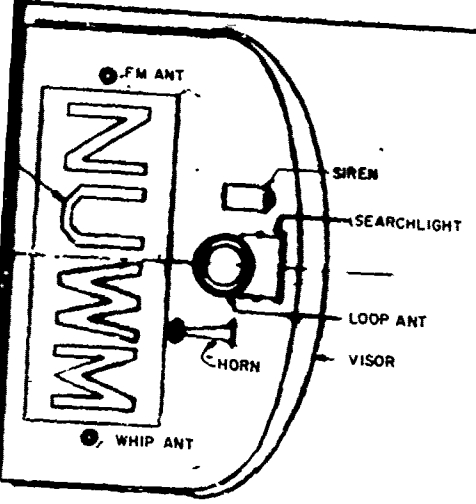


INBOARD PROJ

82 WPB-0103-1

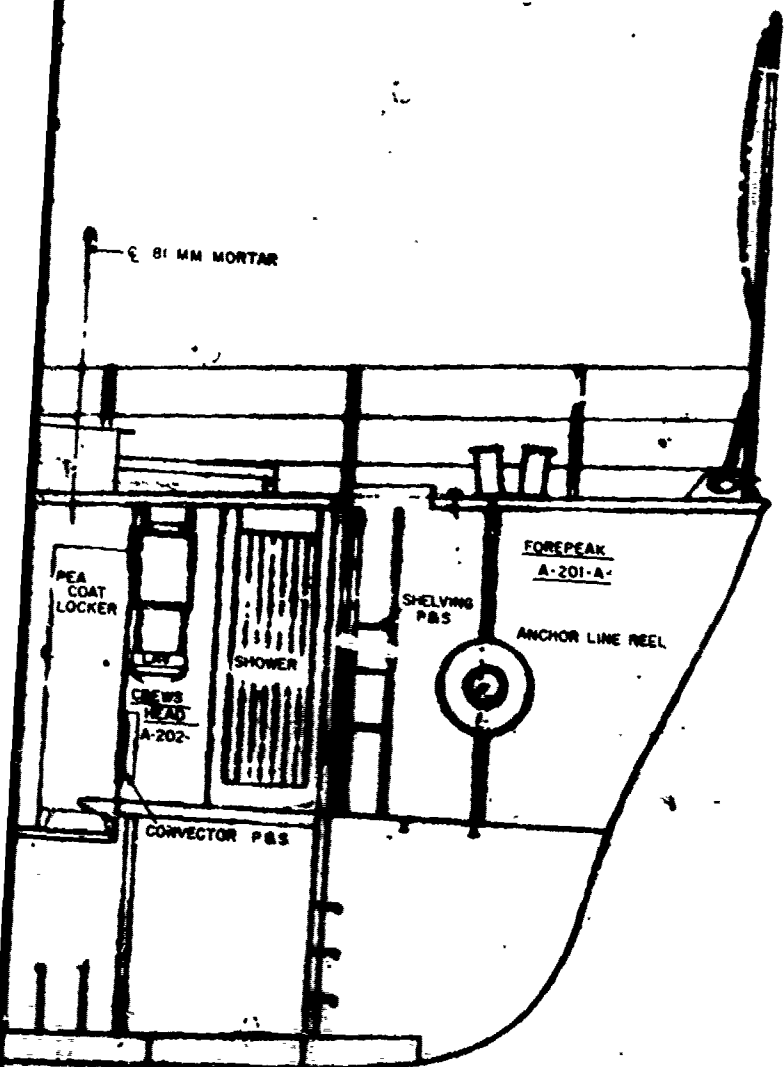
SCALE 1/4" = 1'-0"

SHEET



WHEELHOUSE TOP

81 MM MORTAR



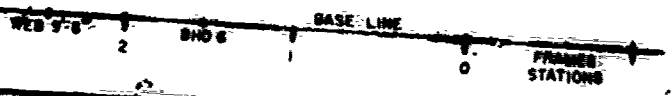
INBOARD PROFILE

82 WPB-0103-II

ALT

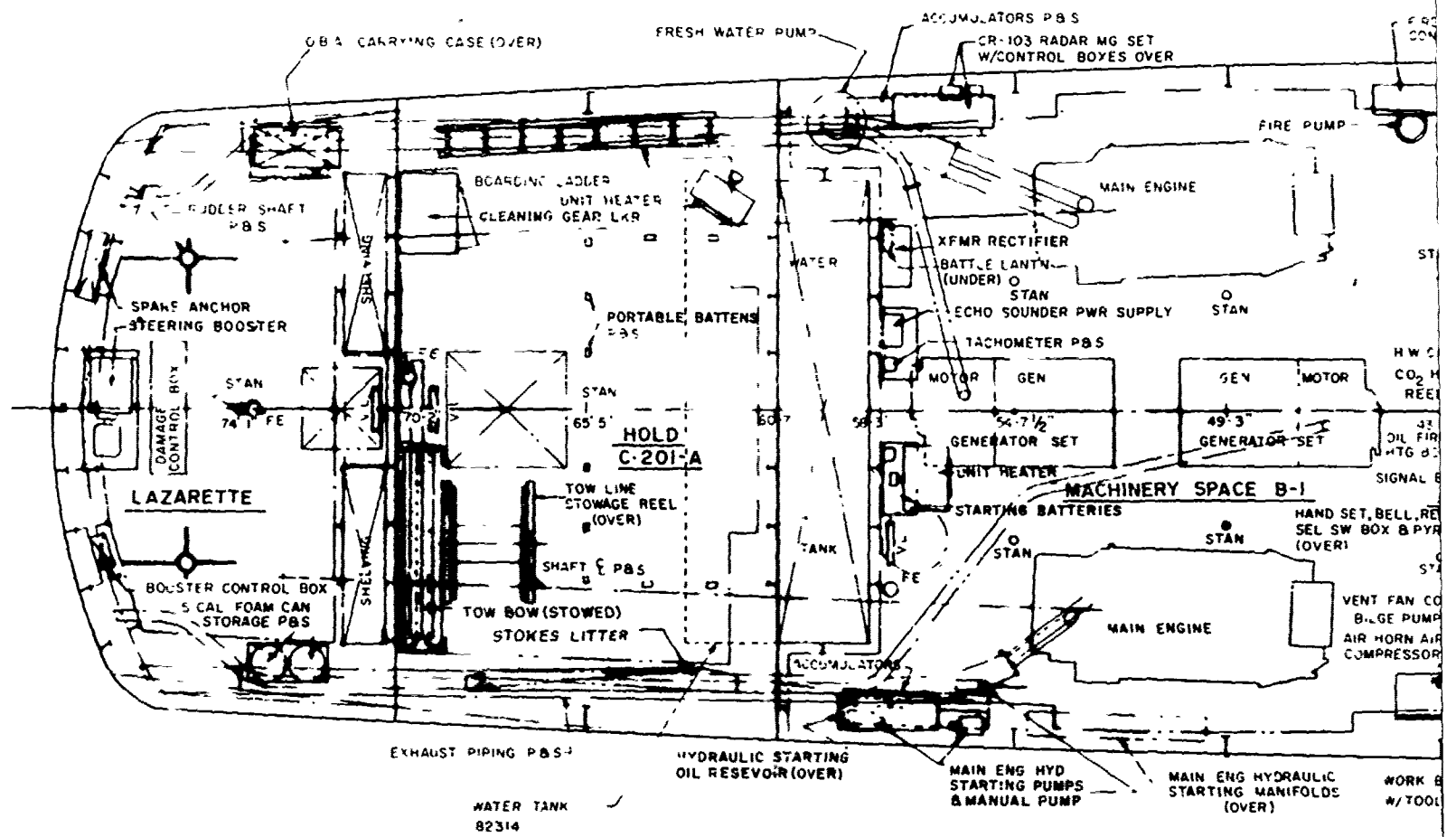
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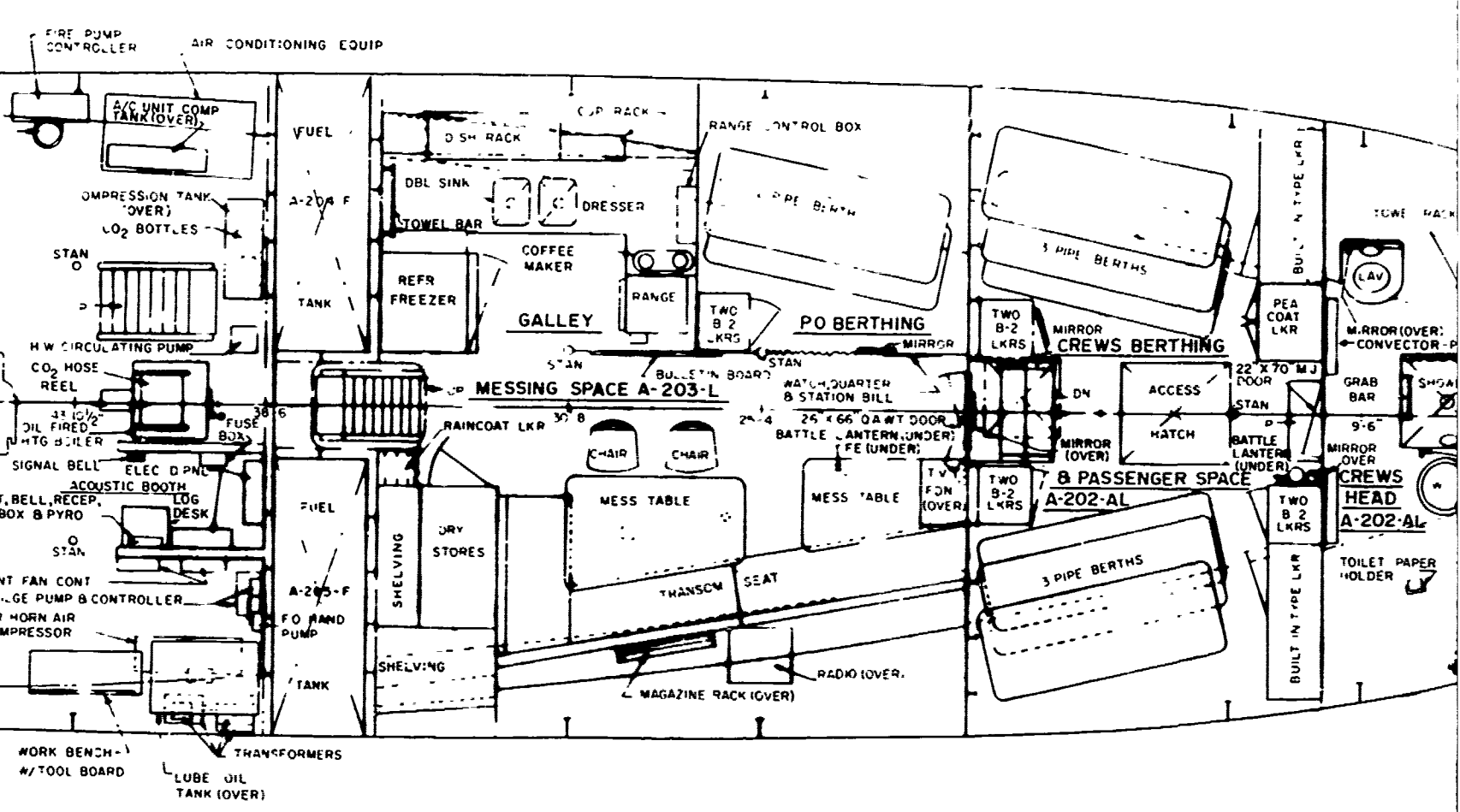
SHEET 4 OF 8

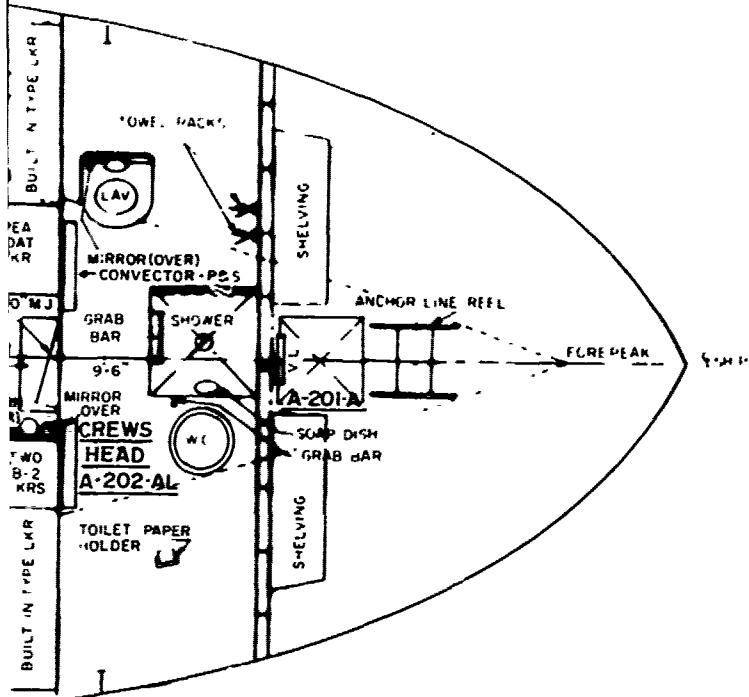


31

1 32









BERTHING FLAT

82WPB-0103- II		ALT.
SCALE $\frac{1}{4}'' = 1'-0''$	SHEET 5 OF 5	

**BOOKLET OF GENERAL PLAN
U.S. COAST GUARD CUTTERS**

PLANS
S

CCGD-7 	9/6/73		CORRECTED TO BRING UP TO DATE IN ACCORDANCE WITH COMDT APPLICABLE TO 7th DIST WPB 82312 & 82314
REVISION	DATE	APPD.	DESCRIPTION
U. S. COAST GUARD		7th DISTRICT	
		NAVAL ENGINEERING	
DESIGNED -		82'WPB	
DRAWN -		"A" CL	
TRACED -		BOOKLET OF GENERAL	
CHECKED -			
		APPROVED	
CHIEF OF SECTION		U.S.C.G. CHIEF OF DIVISION	
		C. G. DRA	
		82WPB-01	
		SCALE $\frac{1}{4}'' = 1'-0''$	
CG-3408-A 12-52			

24

CCGD-7  9/6/73  CORRECTED TO BRING UP TO DATE IN ACCORDANCE WITH COMDTINST 9010.1B APPLICABLE TO 7th DIST WPB 82312 & 82314 ILMC

REVISION DATE APPD. DESCRIPTION BY

U. S. COAST GUARD 7th DISTRICT MIAMI, FLA.

NAVAL ENGINEERING

DESIGNED -
DRAWN -
TRACED -
CHECKED -

82'WPB "A" CLASS

BOOKLET OF GENERAL PLANS

APPROVED DATE

CHIEF OF SECTION U.S.C.G. CHIEF OF DIVISION

C. G. DRAWING NO.

82WPB-0103-11 ALT. 1

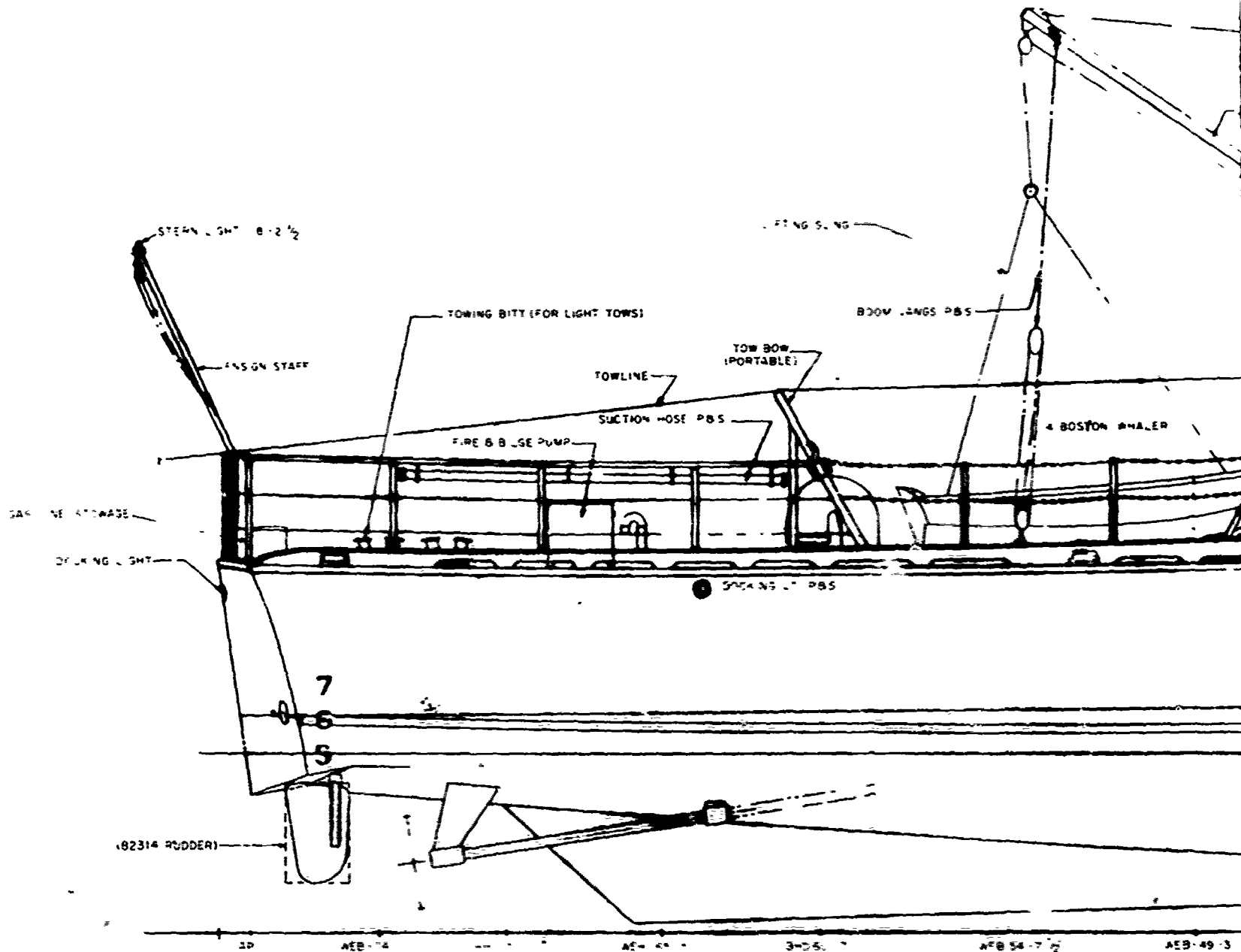
CG-3408-A 12-52

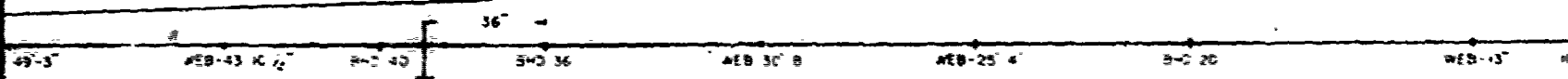
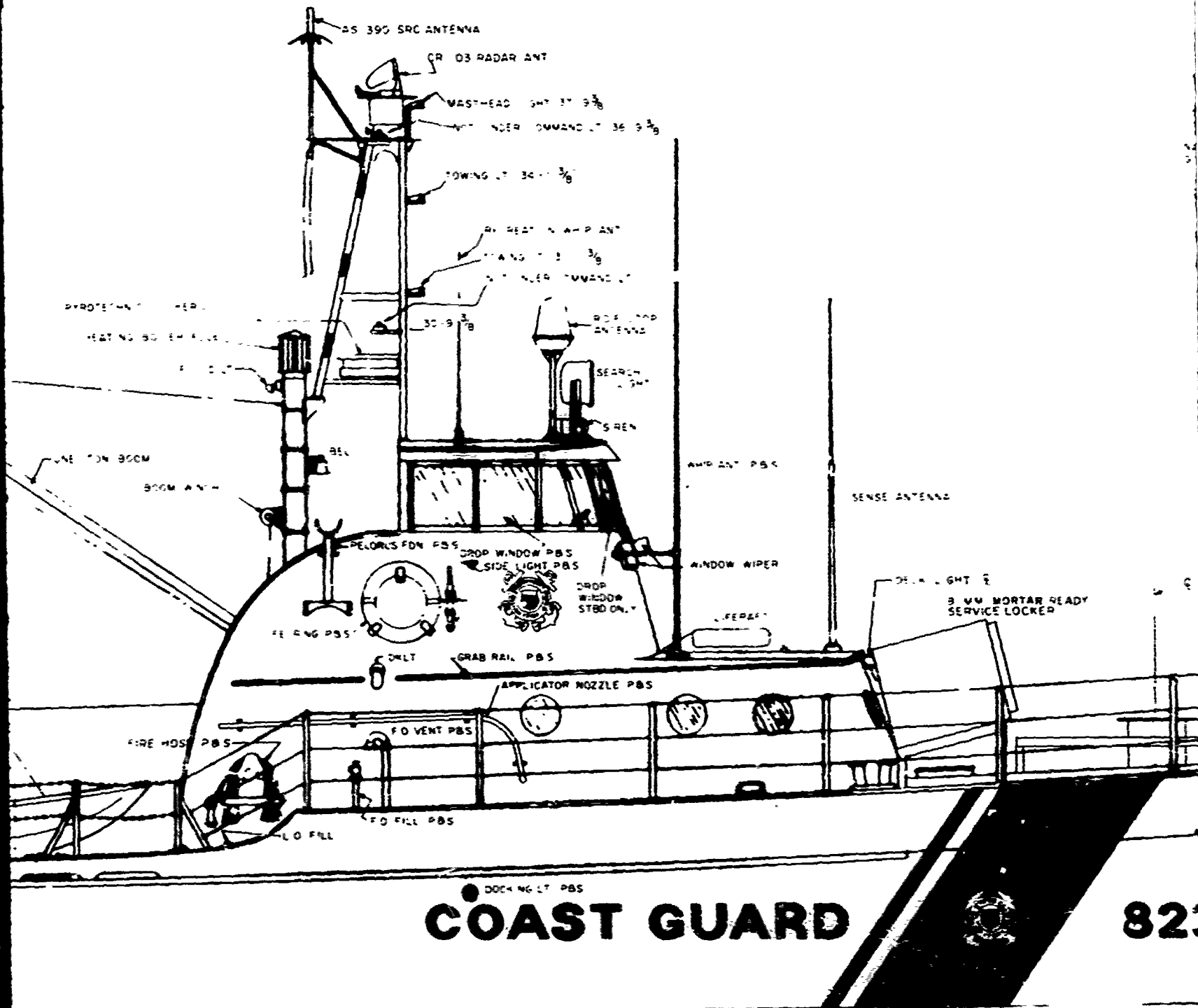
SCALE 1/4" = 1'-0" SHEET 1 OF 5

37

1

38






40

NAVIGATION LIGHTS ELEVATIONS ARE
GIVEN FROM THE SKEG AT ∞

ANCHOR LIGHT
24' 8 $\frac{3}{4}$ "

JACK STAFF

8" MM MORTAR

 DOCKING LIGHT

82301

5
4
3
2
1

WL

OUTBOARD PROFILE

82WPB-0103-11

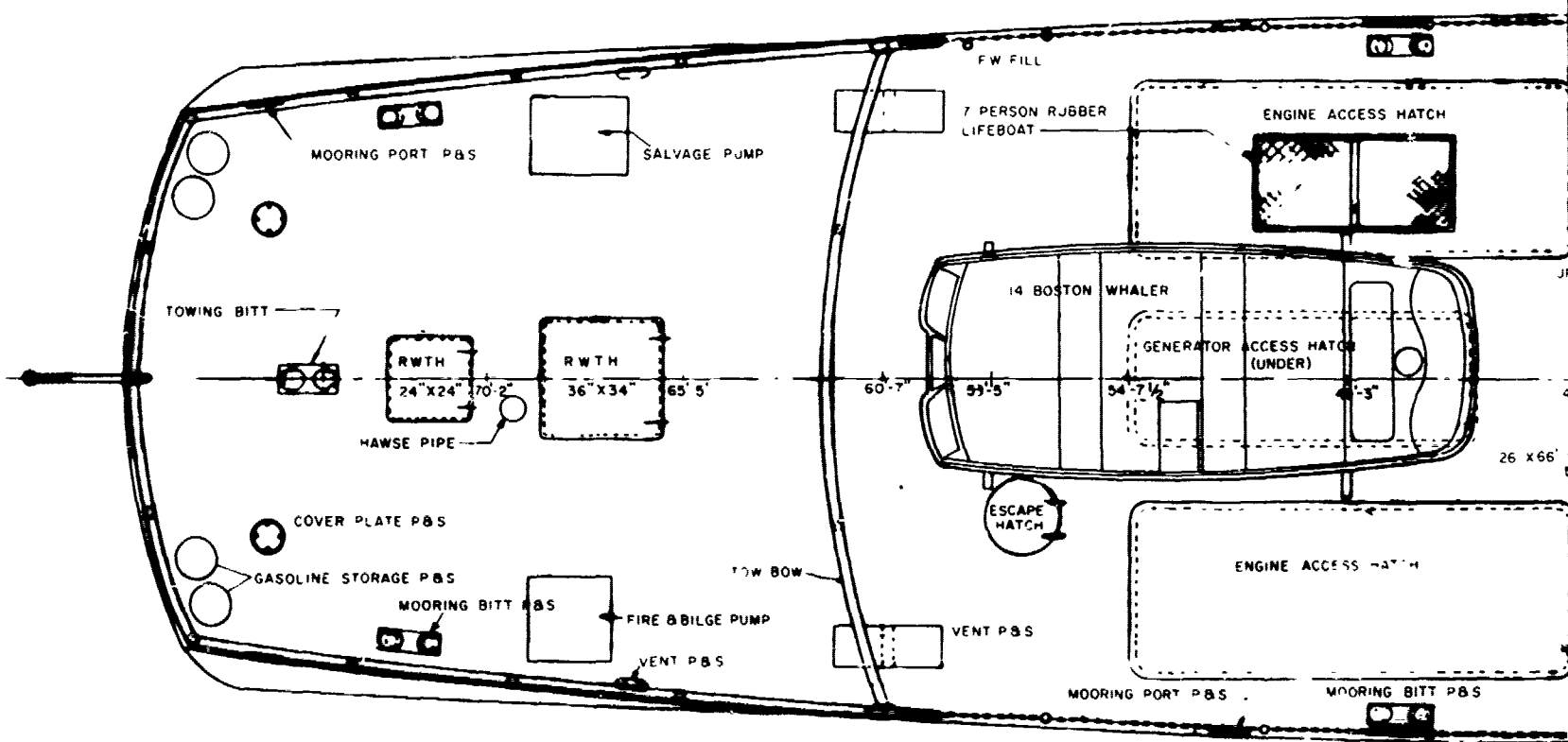
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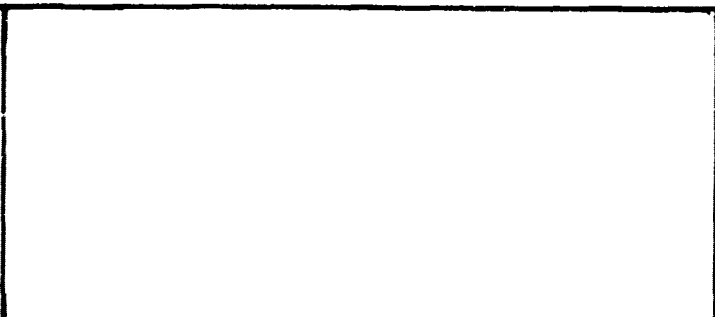
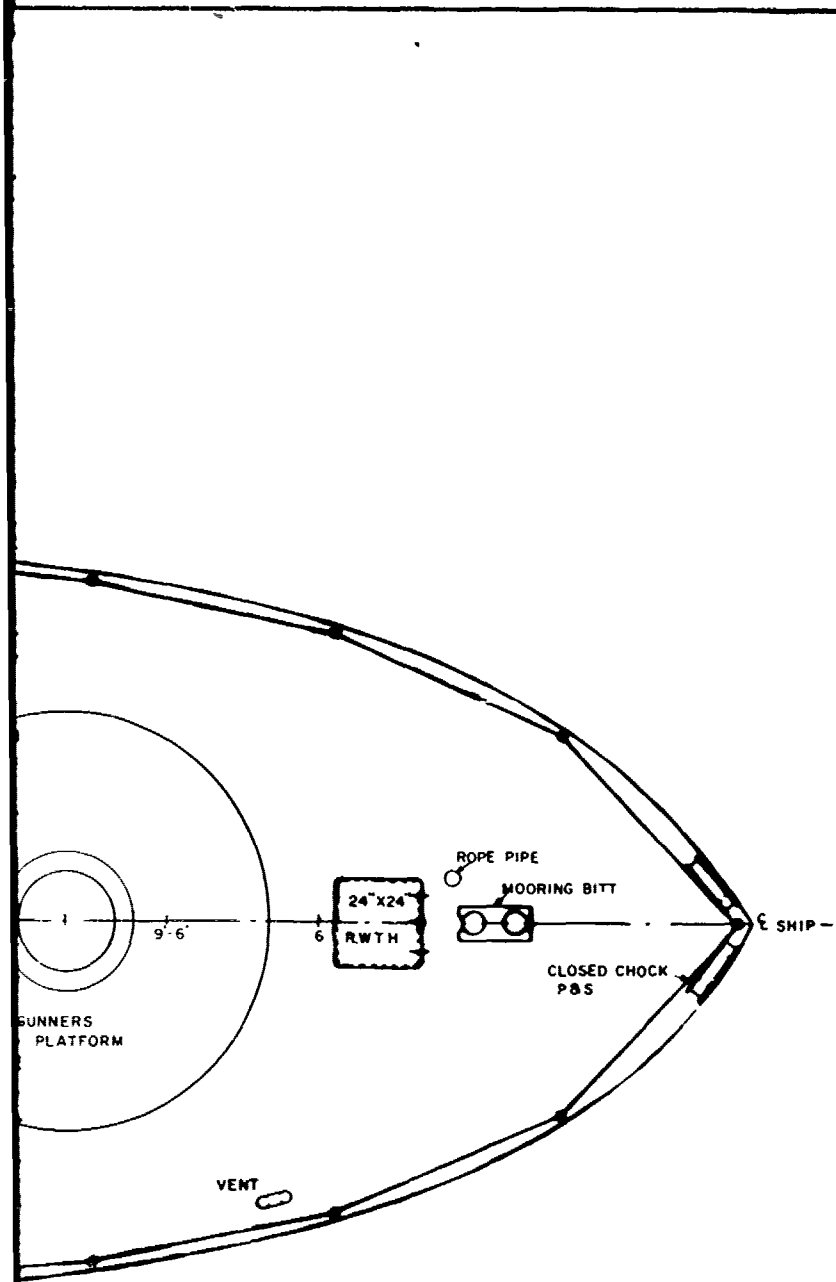
SCALE $\frac{1}{4}$ " = 1'-0"

SHEET 2 OF 5

EB-13" 10'-6" BMD 6 FP

41





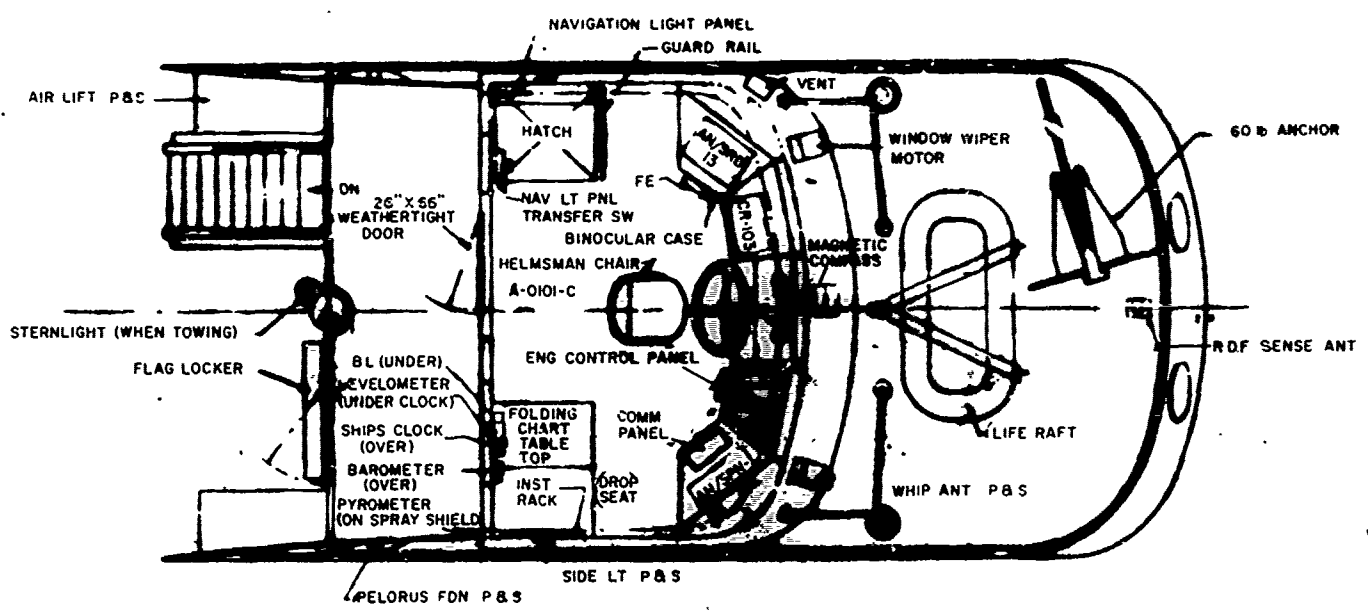
ABBREVIATIONS

R.W.T.H.	RAISED WATERTIGHT HATCH
W.C.	WATER CLOSET
LAV.	LAVATORY
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DN	DOWN
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B.L.	BATTLE LANTERN

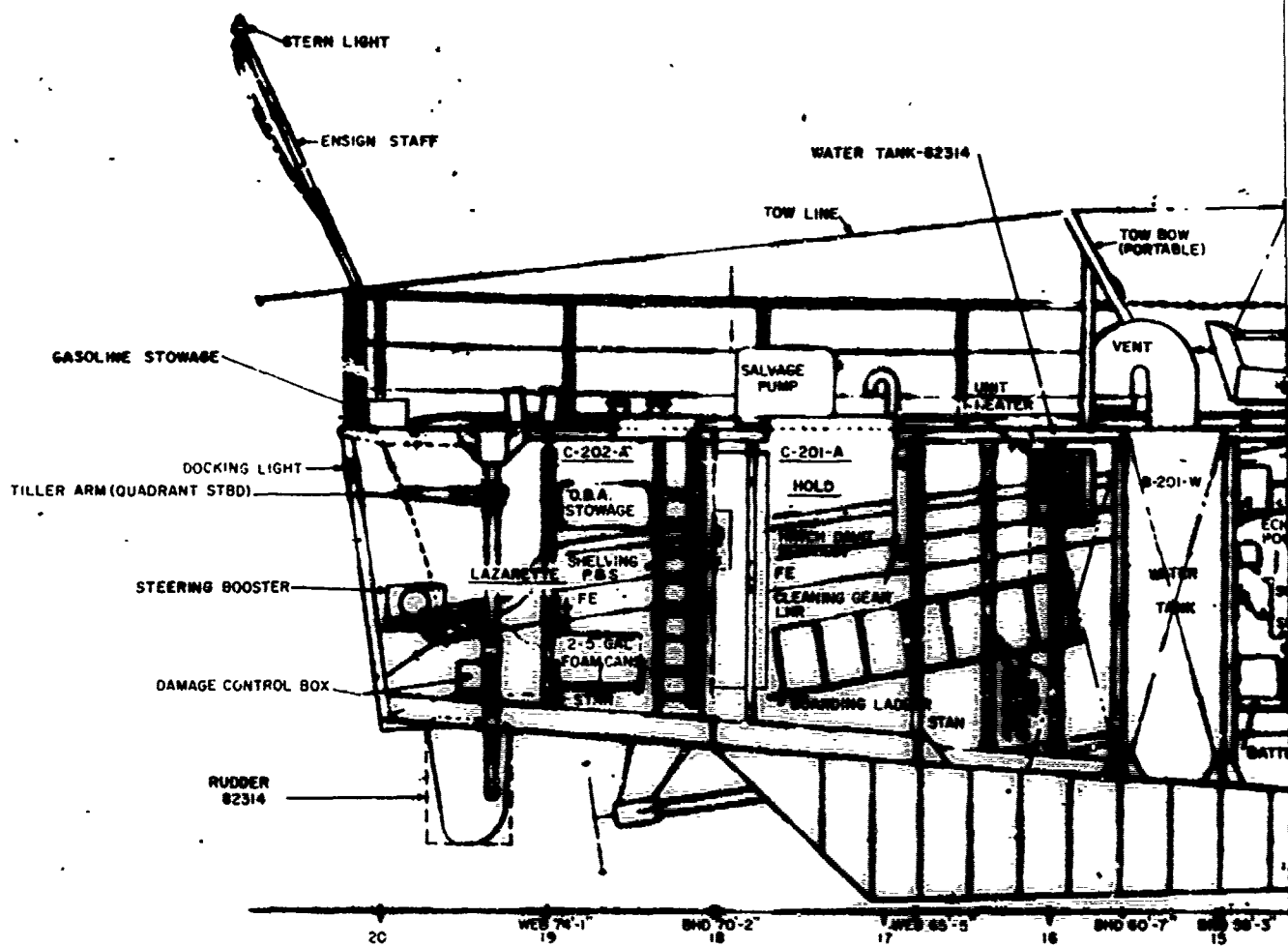
MAIN DECK

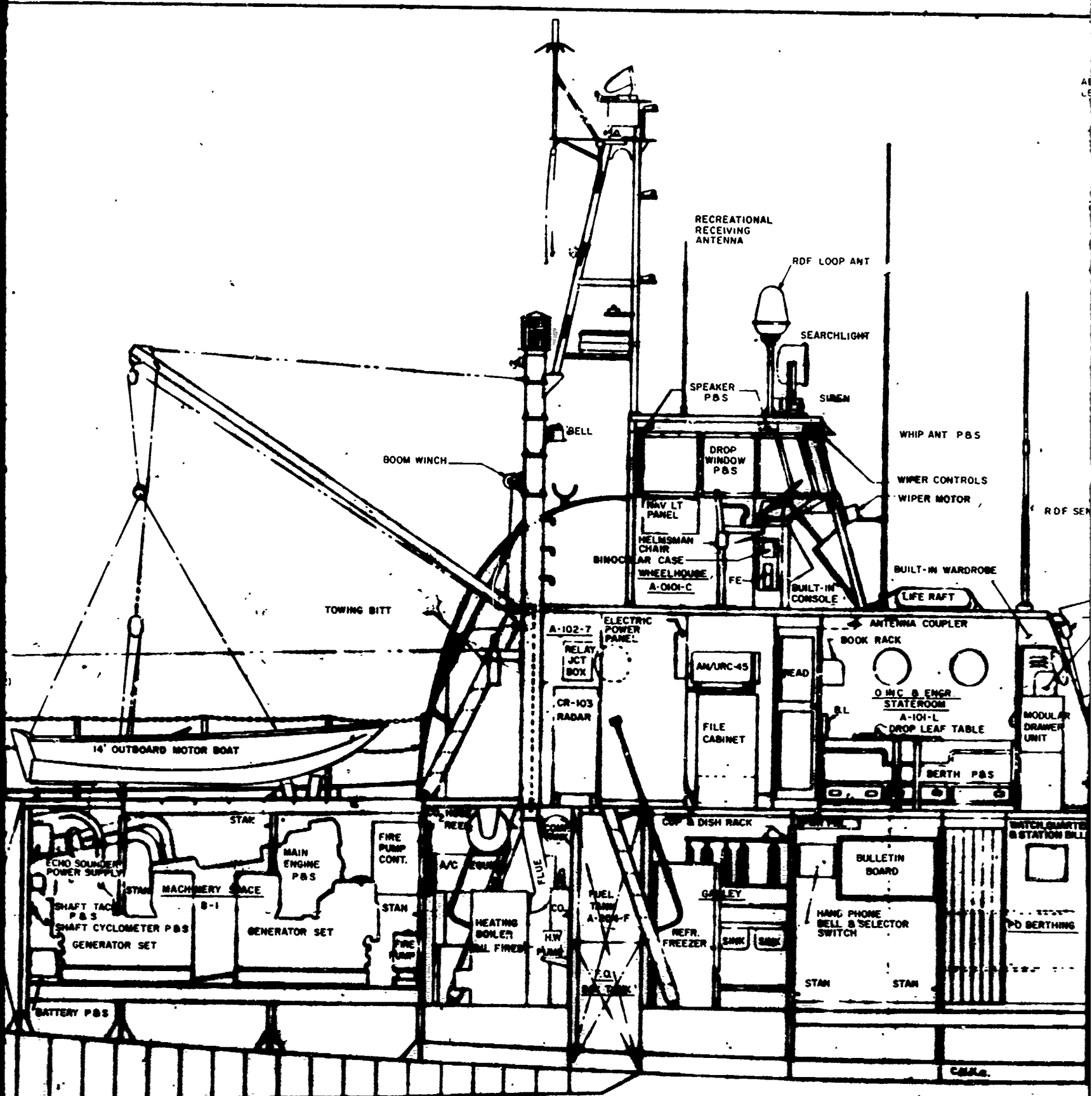
82WPB-0103-11 ALT.

SCALE $\frac{1}{4}'' = 1'-0''$ SHEET 3 OF 5



WHEELHOUSE AND CABIN TOP





RECREATIONAL RECEIVING ANTENNA

RDF LOOP ANT

SEARCHLIGHT

SPEAKER P.B.S.

SIREN

BELL

WHIP ANT P.B.S.

BOOM WINCH

DROP WINDOW P.B.S.

WIPER CONTROLS

WIPER MOTOR

TOWING BITT

BINOC

HELMSEMAN CHAIR CASE

WHEELHOUSE A-101-C

BUILT-IN CONSOLE

BUILT-IN WARDROBE

LIFE RAFT

RDF SEN

14' OUTBOARD MOTOR BOAT

A-102-7

RELAY JCT BOX

CR-103

RADAR

ELECTRIC POWER PANEL

AM/URC-45

FILE CABINET

ANTENNA COUPLER

BOOK RACK

OWC & ENGR STATEROOM

A-101-L

DROP LEAF TABLE

BERTH P.B.S.

MODULAR DRAWER UNIT

STAN

MACHINERY SPACE

8-1

GENERATOR SET

MAIN ENGINE P.B.S.

FIRE PUMP CONT.

STAN

FIRE PUMP

STAN

WHEEL

A/C

FLUE

HEATING BOILER

CO.

HW

PUMP

FLUE

CO.

HW

PUMP

FLUE

CO.

HW

PUMP

FLUE

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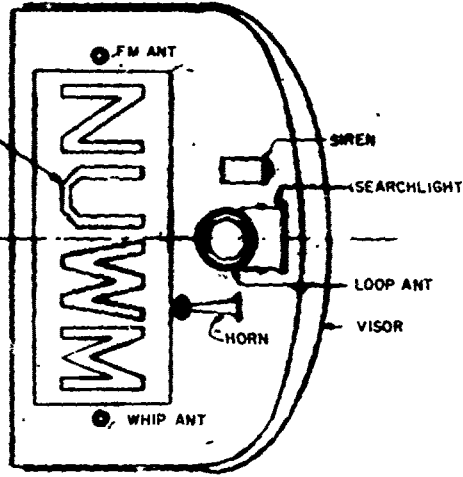
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AERIAL IDENTIFICATION CALL LETTERS (MULL NO 82305)



WHEELHOUSE TOP

RDF SENSE ANT

81 MM MORTAR READY SERVICE LOCKER

81 MM MORTAR

DECK LIGHT
BOOK RACK

MODULAR DRAWER UNIT

FOYLOMPTER TAYTON BILL

BERTHING

B-2 LVR P&S

CREWS BERTHING

A-202-A1

STAIR

SEA COAT LOCKER

CREWS BERTHING

A-202

CONNECTOR P&S

FOREPEAK
A-201-A-

SHELYING P&S

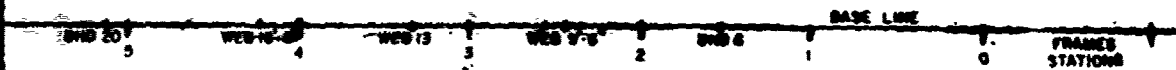
ANCHOR LINE REEL

INBOARD PROF

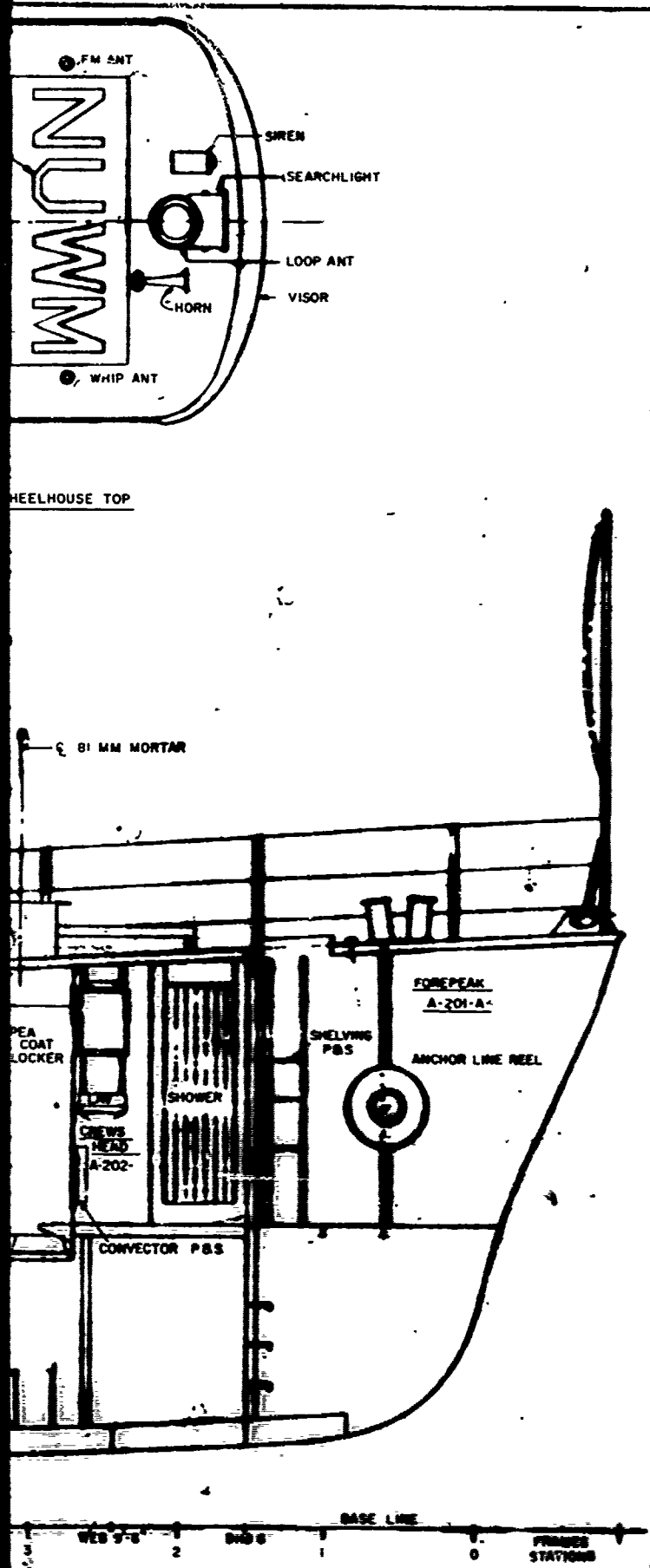
82 WPB-0103-1

SCALE $\frac{1}{4}'' = 1'-0''$

SHEET



117



INBOARD PROFILE

82 WPB-0103-II

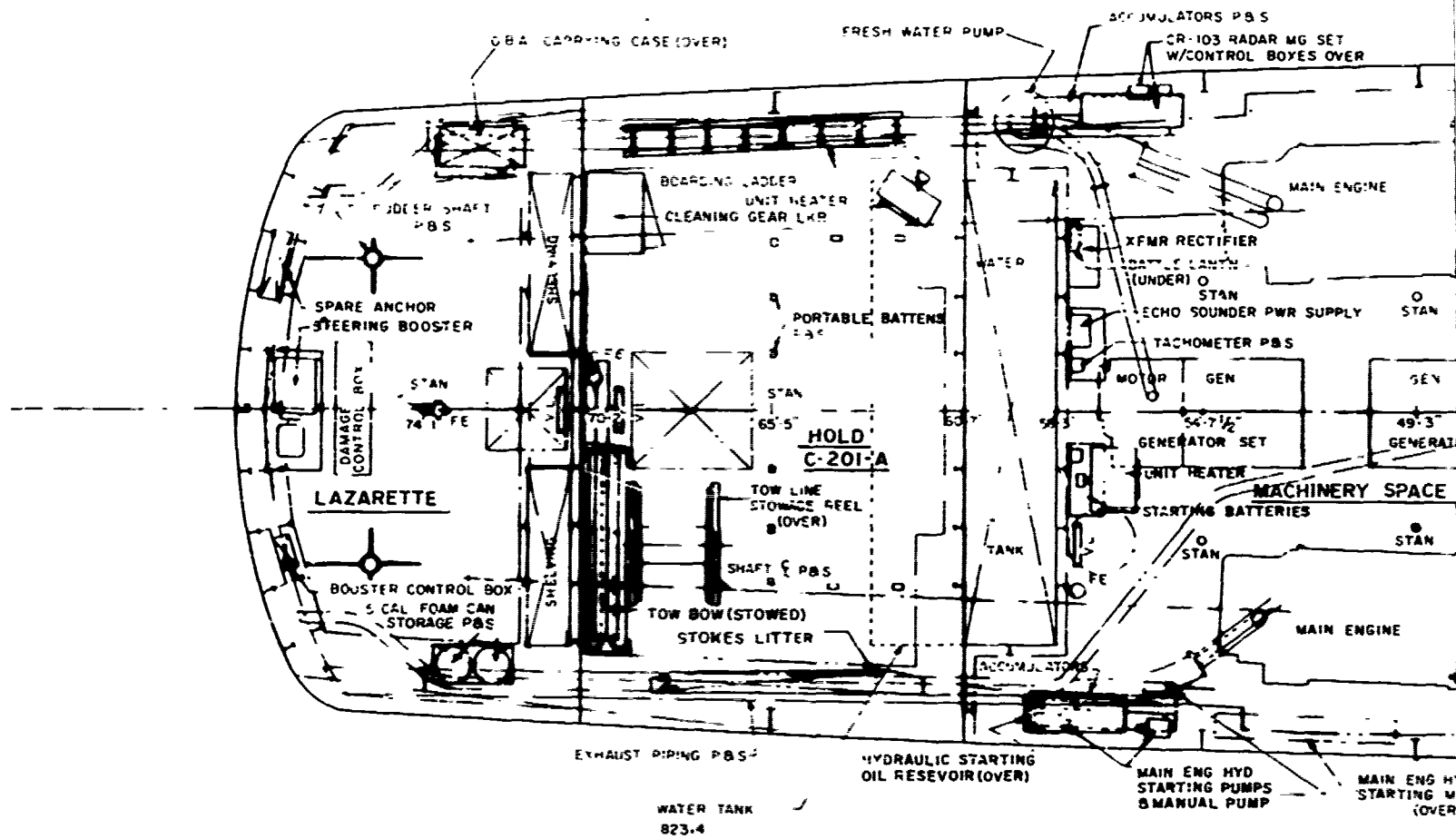
ALT

SCALE $\frac{1}{4}'' = 1'-0''$

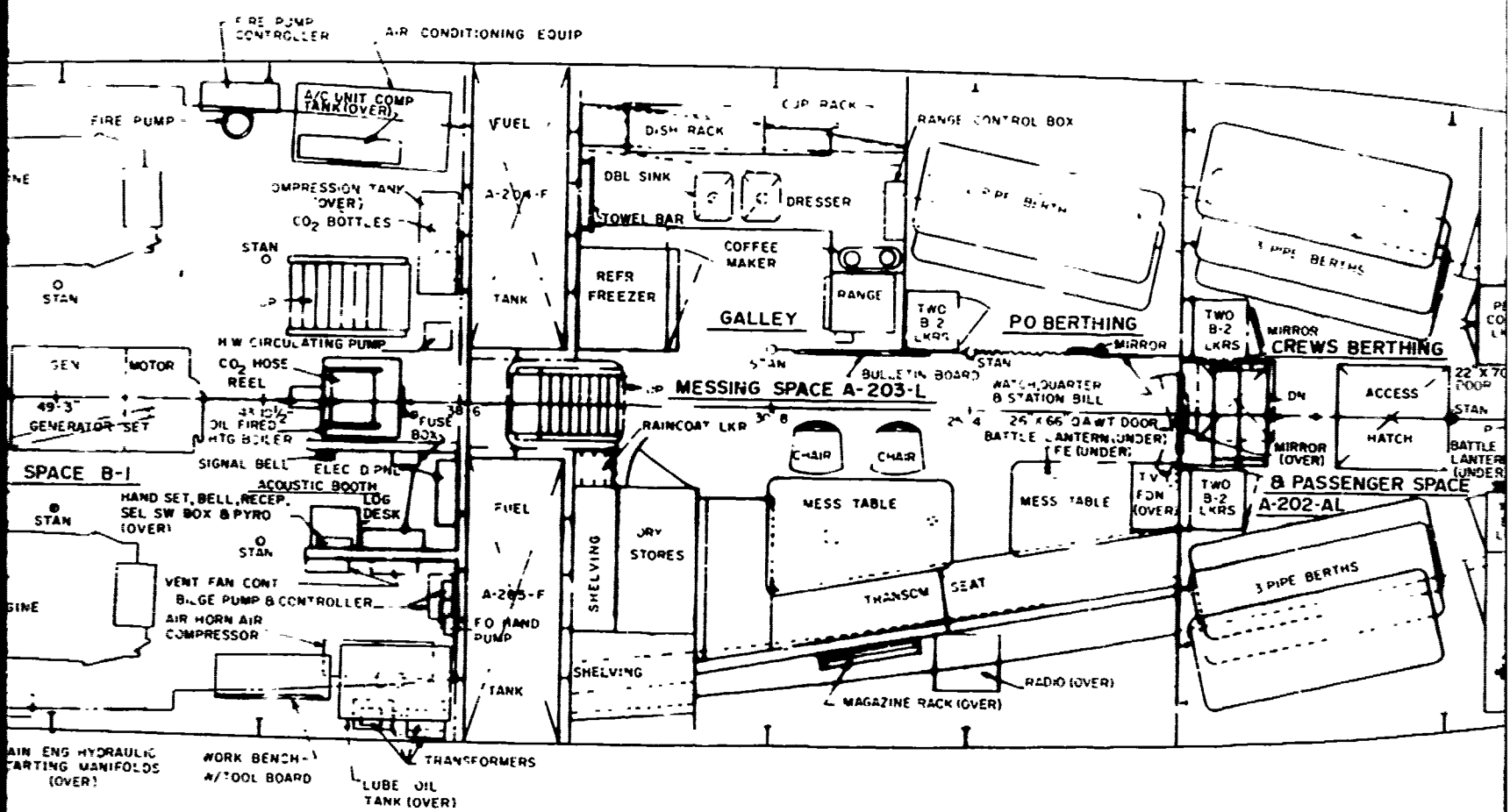
SHEET 4 OF 8

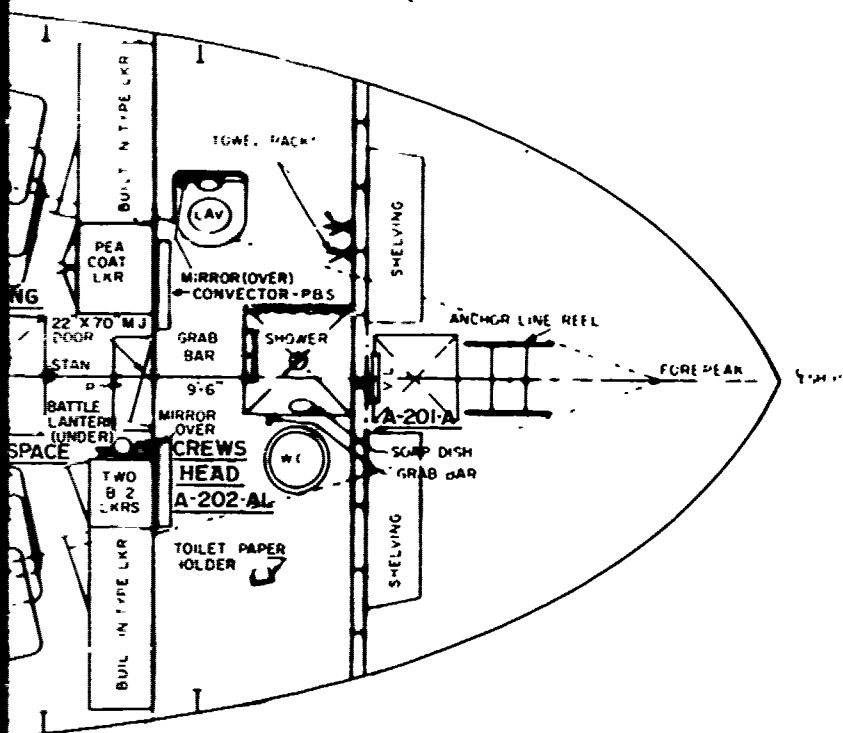
47

48



WATER TANK
823.4





BERTHING FLAT

82WPB-0103-11	ALT.
SCALE $\frac{1}{4}'' = 1'-0''$	SHEET 5 OF 5