

7785

726

PLAN NO. 1

RESTRICTED

UNCLASSIFIED

U.S.S. MIAMI
CRUISER NO.-89

UNCLASSIFIED

BOOKLET
GENERAL PLANS
PREPARED BY CRAMP SHIPBUILDING COMPANY

[illegible]

GENERAL INFORMATION

LENGTH BETWEEN PERPENDICULARS.....600'-0"
 LENGTH OVERALL.....608'-4"
 BREADTH EXTREME OUTSIDE OF PLATING.....63'-7"
 DRAFT ABOVE BOTTOM OF KEEL AT TRIAL.....
 DISPLACEMENT OF 12,750 TONS.....12'-9 3/4"

PROPELLERS

CENTER OF SCREWS FORD OF A.P.....52'-0" & 64'-0"
 Q OF STRUT BEARING FORD OF A.P.....57'-4 1/2" & 98'-0 3/4"
 Q OF RUDDER STOCK FORD OF A.P.....32'-0"

HEIGHTS ABOVE MLD BASE LINE

MAIN DECK AT STEM-MOULDED.....50'-6"
 MAIN DECK AT STERN MOULDED.....45'-7 1/4"
 COMMUNICATION PLATFORM.....50'-3"
 FLAG BRIDGE.....57'-6"
 MIDDLE LEVEL.....57'-9"
 NAV. BRIDGE AND AFTER FIRE CONTROL STATION.....65'-3"
 FORD FIRE CONTROL STATION.....72'-3" & 72'-9"
 40 MM DIRECTOR PLATFORM.....72'-9"
 AFTER AIR DEFENCE LEVEL.....72'-1"
 FORD AIR DEFENCE LEVEL.....79'-7"
 SEARCHLIGHT PLATFORM.....78'-6"
 AFTER BRIDGE AND AFTER 5" A.A. DIRECTOR.....79'-1"
 SEARCHLIGHT PLATFORM.....86'-7"

TOP OF FOREMAST.....115'-9 3/8"
 TOP OF MAIN MAST.....111'-9"
 TOP OF MAIN TOP MAST.....133'-9"
 TOP OF RADAR ON FOREMAST.....142'-3"
 TOP OF RADAR ON MAIN TOP MAST.....137'-5 1/4"
 TOP OF FORE TOP MAST.....137'-9 3/8"

TRUCK LIGHT ON FOREMAST.....138'-7 1/2"
 BASE RANGE LIGHT ON MAIN TOP MAST.....137'-5 3/8"
 Q MAST HEAD LIGHT.....116'-5 3/8"
 Q STEERING LIGHT.....64'-6 3/16"
 Q SCREENED SPEED LIGHT.....73'-4"
 Q STERN LIGHT (CLEAR).....43'-6 1/2"
 Q STERN LIGHT (BLUE).....42'-0 1/2"
 Q WAKE LIGHT.....40'-10 1/2"
 Q SIDE LIGHT.....ABT. 66'-3"

FIRE PLUGS

LOCATION	NO.	LOCATION	NO.
BRIDGES		1 ST PLATE	4
COMM. PLAT.	2	2 ND PLATE	4
MAIN DECK	10		
2 ND DECK	7	TOTAL NO OF PLUGS	35
3 RD DECK	8		

COMPLEMENT

	AS SPECIFIED	AS PROVIDED
CAPTAIN	1	1
WARDROOM	43	58
WARRANT	10	12
C.P.O.	34	45
MARINE SGTS. (C.P.O.)	2	2
CREW	857	1086
MARINES	45	48
GRAND TOTAL	992	1252

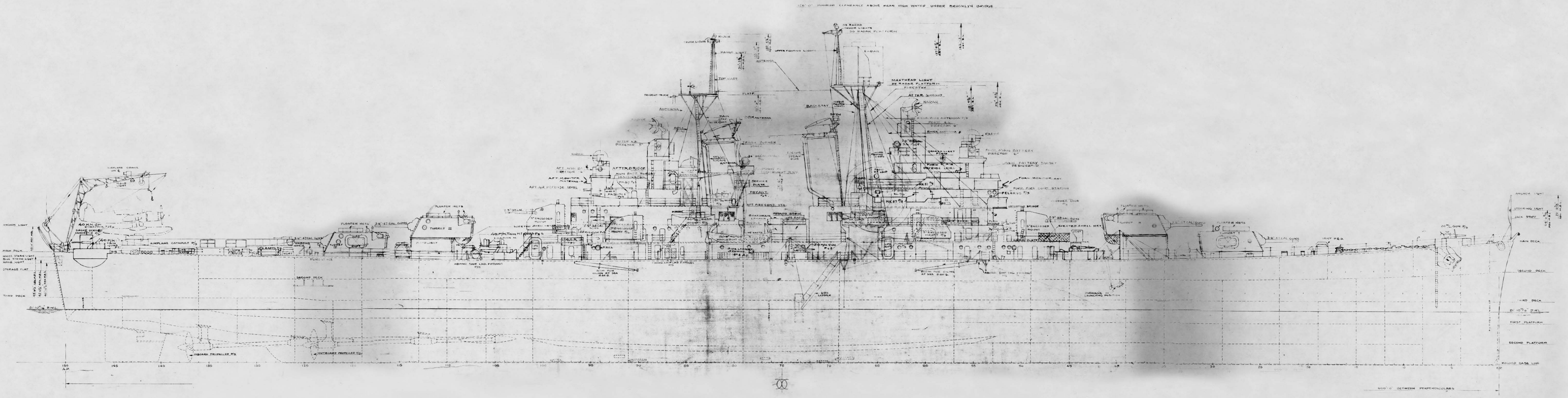
SMALL BOATS

	MEN
	EACH TOTAL
2 26 FT MOTOR WHALE BOATS	24 48
33 RAFTS	25 825
23 FLOAT NETS	25 575
GRAND TOTAL	1448

GENERAL INFORMATION

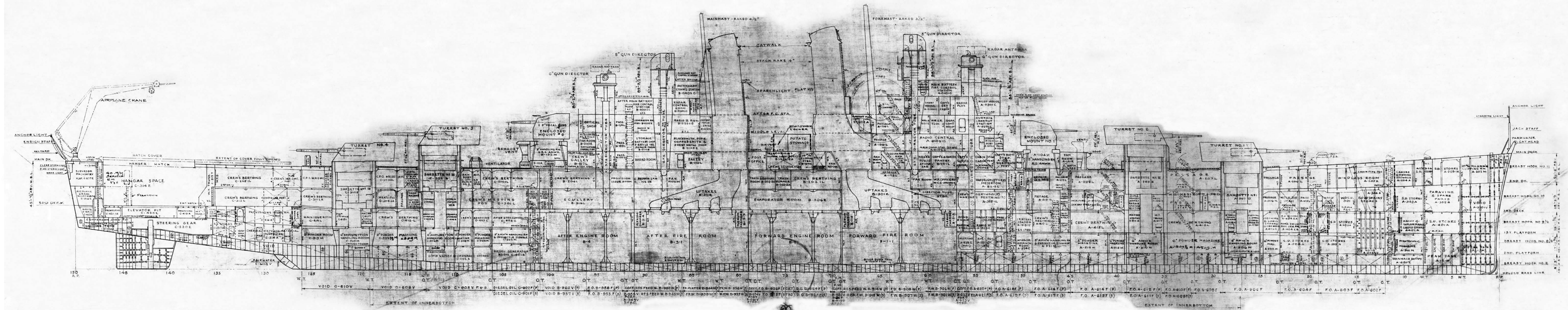
ABBREVIATIONS

- CAL CALIBER
- FWD FORWARD
- P/S PORT & STARBOARD
- M/L MIDDLE BASE LINE
- D.F. DIRECTION FINES
- S.L. SEARCH LIGHT



ABBREVIATIONS

B.P.M.H.	BOLTED PLATE MANHOLE
E.M.B.	EXPANDED METAL BULKHEAD
P.O.S.	PORT AND STARBOARD
W.O.	WARRANT OFFICER
AMMN.	AMMUNITION
W.T.	WATER TIGHT
A.T.	AIR TIGHT
O.T.	OIL TIGHT
I.T.	FUME TIGHT
INCL.	INCLINED LADDER
M.J.	METAL JOINDER
S.T.S.	SPECIAL TREATMENT STEEL
W.R.O.	WARDROOM OFFICER
A.A.	ANTI-AIRCRAFT

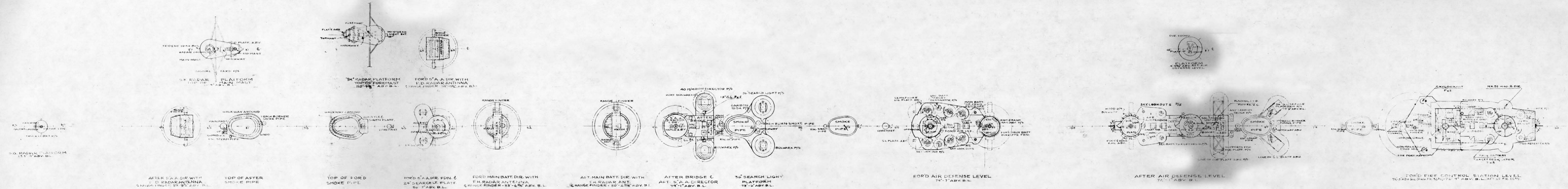


INBOARD PROFILE

SCALE 1/8" = 1' 0"
BU. OF SHIPS NE CL89 - 56103 - 600902

ABBREVIATIONS

L.R.	LADDER RUNGS
D.T.	DIRECTOR TUBE
P.P.	POWER PANEL
T.R.	TRANSFORMER
G.P.	CONTROL PANEL
H.T.R.	HEATER
V.L.	VERTICAL LADDER
NON-IND.	NON-INDUCTIVE
NON-MAG. RAD.	NON-MAGNETIC RADIUS
PORT. MATL.	PORTABLE MATERIAL
E.S.C.	ESCAPE
K.L.	BASLINE
DIR. FDN.	DIRECTOR FOUNDATION
S.L.	SEARCH LIGHT
ANT.	ANTENNA
ENG. TEL.	ENGINE TELEGRAPH
DBL. REPTR.	DOUBLE REPEATER
ILL. CORR.	ILLUMINATION CORRECTOR
GEN.	GENERATOR
INDC.	INDICATOR
L.O.	LOOK OUT
S.W.	SNAP SWITCH

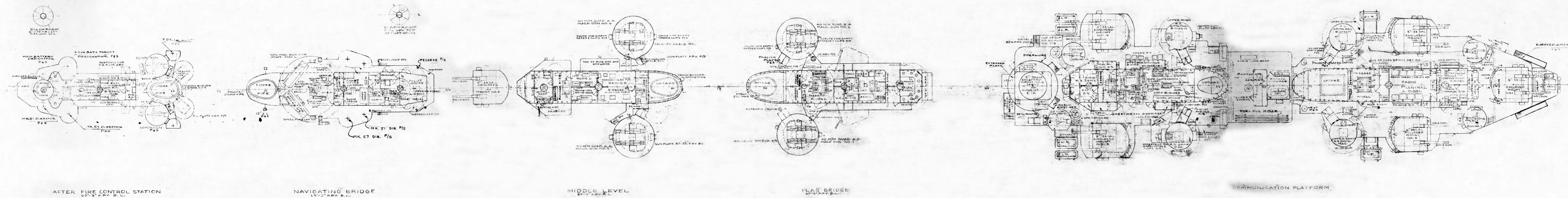


BRIDGES

SCALE 1/8\"/>

ABBREVIATIONS

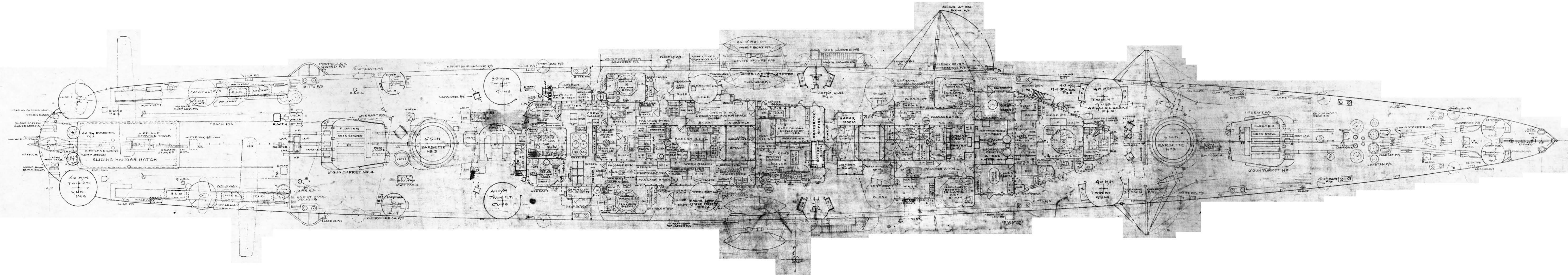
- M.R.V. MUSHROOM VENT
- V.L. VERTICAL LADDER
- G.R. GRAB ROLL
- L.R. LADDER RUNGS
- T.W.D. TYPEWRITER DESK
- F.C. FILING CABINET
- D.T. DIRECTOR TUBE
- F.C.T. FIRE CONTROL TUBE
- S.L. SAFE LOCKER
- R.S. READY SERVICE
- D.R.F. DRINKING FOUNTAIN
- INT. INTAKE
- H.R. HOSE RACK
- AMMN. MAG. AMMUNITION MAGAZINE
- DET. LK. DETONATER LOCKER
- AC. ACETYLENE
- F.O. FUEL OIL
- L.O. LOOK OUT
- W.R. S.R. WARDROOM STATE ROOM
- SHR. SHOWER
- W.C. WATER CLOSET
- EXP. SIG. LK. EXPLOSIVE SIGNAL LOCKER
- B.L. BASE LINE
- BIN. BINOCULAR
- NON-MAG. RAD. NON-MAGNETIC RADIUS
- S.L. SEARCH LIGHT
- TRANS. TRANSMITTER
- RECT. RECTIFIER
- REC. RECEIVER
- ANT. TR. ANTENNA TRUNK
- R.W.T.H. RAISED WATERTIGHT HATCH
- FW.T.H. FLUSH " "
- INDC. INDICATOR " "
- P.P. POWER PANEL



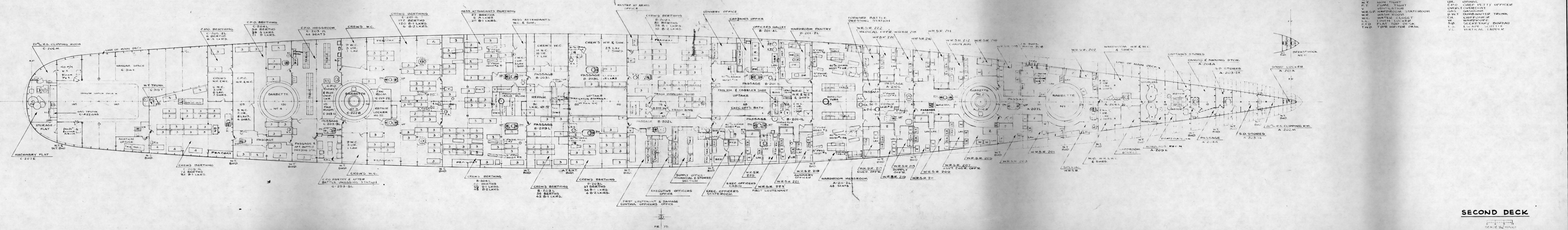
COMMUNICATION PLATFORM & BRIDGES

ABBREVIATIONS

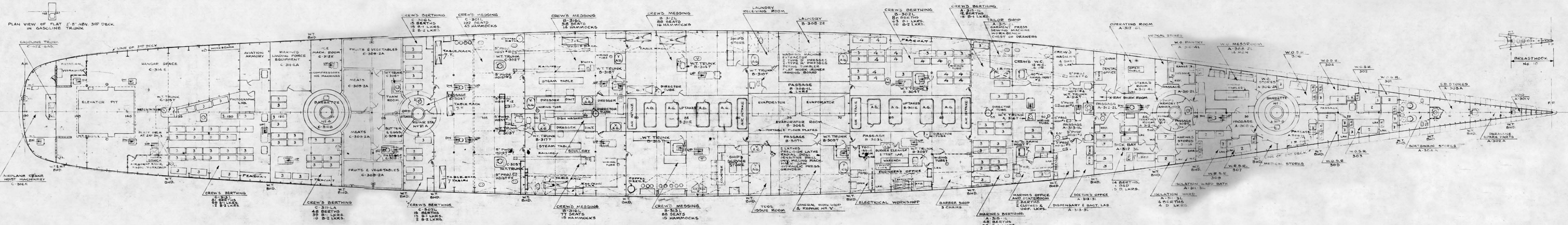
SC.	SCUTTLE
PORT DAV.	PORTABLE DAVIT
R.W.T. COM. H.	RAISED WATER TIGHT COMPANION HATCH
CL. CH.	CLOSED CHOCK
V.	VENT
V.L.	VERTICAL LADDER
F.P.L.	FIRE PLUG
Q.A.E.S.	QUICK ACTING ESCAPE SCUTTLE
L.R.	LADDER RUNGS
R.S.	READY SERVICE
H.R.	HOSE RACK
W.R.S.R.	WARD ROOM STATE ROOM
W.R.	WARDROBE
W.T.	WATER TIGHT OR WIRING TUBE OR TRUNK
B.R.	BOOK RACK
S.B.	SECRETARY BUREAU
CH.F.	CHIFFONIER
CH.D.	CHEST OF DRAWERS
S.L.	SAFE LOCKER
F.T.D.	FLAT TOP DESK
T.W.D.	TYPEWRITER DESK
W.C.	WATER CLOSET
SH.	SHOWER
LAV.	LAVATORY
D.T.	DIRECTOR TUBE
T.L.K.R.	TABLE LEAF LOCKER
S.L.K.R.	SEA RACK LOCKER
INT.	INTAKE
A.T.	AIR TIGHT
N.T.	NON TIGHT
F.T.	FUME TIGHT
F.O.	FUEL OIL
F.C.	FILING CABINET



MAIN DECK



SECOND DECK



PLAN VIEW OF FLAT 2'-8" ABV. 3RD DECK
IN GASOLINE TRUNK

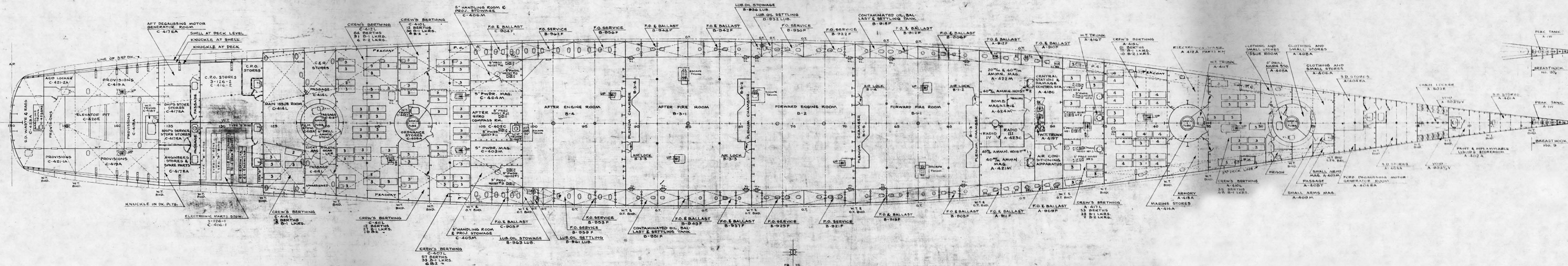
ABBREVIATIONS

A.P.	AFTER PERPENDICULAR	SHR.	SHOWERS
F.D.	FORWARD PERPENDICULAR	LA.	LAVATORY
R.H.D.	RIGHT HEAD	UR.	URINAL
WT.	WATER TIGHT	FTD.	FLAT TOP DESK
OT.	OIL TIGHT	T.W.D.	TYPE WRITER DESK
N.T.	NON TIGHT	S.D.	SECRETARY BUREAU
AMMN.	AMMUNITION	CH.	CHIFFONIER
WO.	WARDEN OFFICE	W.	WARDROBE
ST.R.	STOVE ROOM	OR.	ORDNANCE
W.P.	WASH ROOM	S.T.	SERVING TABLE
W.C.	WATER CLOSET	REF.	REFRIGERATOR
PROJ.	PROJECTILE	A.G.	ARMORED GRATING
P.W.S.	POWDER	V.	VENTILATION
STA.	STATION	L.K.R.	LOCKER
D.W.T.	DRAIN WATER TRUNK	E.S.	ESCAPE SCUTTLE
		V.L.	VERTICAL LADDER

THIRD DECK
SCALE 1/16"=1 FOOT
BU. OF SHIPS NO. CLB-50103-00502

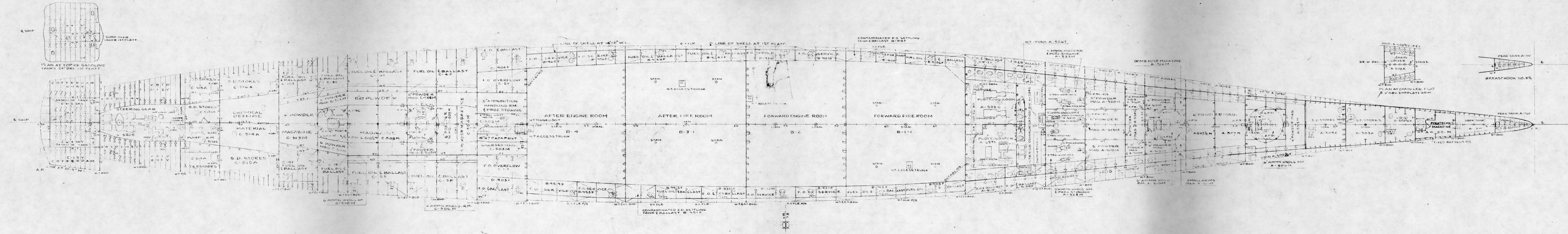
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A.P.	AFTER PERPENDICULAR
F.P.	FORWARD PERPENDICULAR
BHD	BULKHEAD
W.T.	WATER TIGHT
O.T.	OIL TIGHT
N.T.	NON TIGHT
AMMN.	AMMUNITION
GAS.	GASOLINE
F.O.	FUEL OIL
E.S.	ESCAPE SCUTTLE
V.L.	VERTICAL LADDER



FIRST PLATFORM

SCALE $\frac{1}{16}" = 1 \text{ FOOT}$



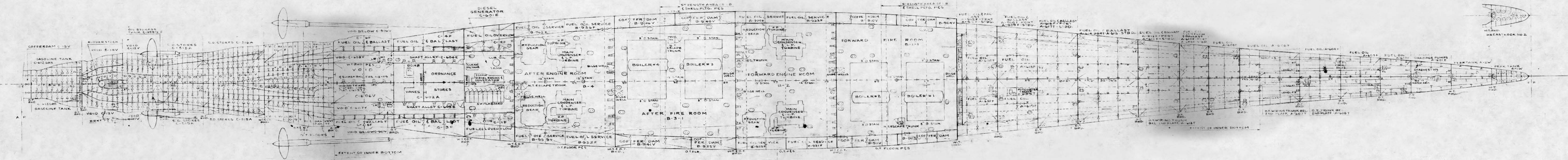
- ABBREVIATIONS
- V.L. VERTICAL LADDER
 - DR.W.BEL. DRAIN WELL BELOW
 - W.T.BHD. WATERTIGHT BULK HEAD
 - O.T. OIL TIGHT
 - N.T. NON-TIGHT
 - R.W.T.H. RAISED WATERTIGHT HATCH
 - F. FLUSH
 - STAN. STANCHION
 - H.ABV. HATCH ABOVE
 - TR. TRUNK
 - A.P.S.C. AMMUNITION PASSING SCUTTLE
 - PORT.P. PORTABLE PLATE
 - MAG. MAGAZINE
 - PROJ. PROJECTILE
 - POW. POWDER
 - SW.BD. SWITCH BOARD
 - AMMN. AMMUNITION
 - HNDLG. HANDLING
 - F.O. FUEL OIL
 - ST.EL. STABLE ELEMENT
 - BKT. BRACKET
 - FLR. FLOOR
 - COMP. COMPRESSOR

2ND PLATFORM

SCALE 1/8" = 1' FOOT
BU. OF SHIPS NO. - CL 89-50103-600502

ABBREVIATIONS

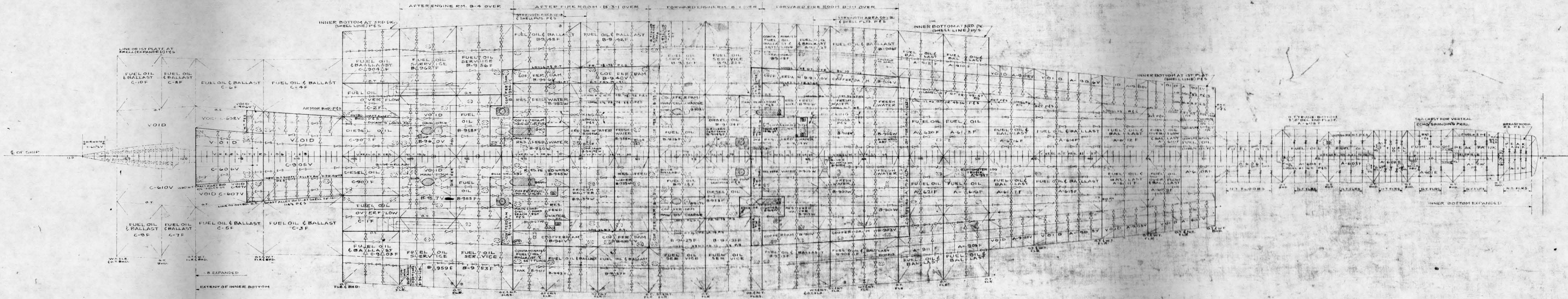
- F.P. FORWARD PERPENDICULAR
- W.T. BHD. WATER TIGHT BULKHEAD
- O.T. OIL TIGHT
- N.T. NON-TIGHT
- ABV. ABOVE
- LONG. LONGITUDINAL
- PLAT. PLATFORM
- SW. SWASH
- BEL. BELOW
- I.B. INNER BOTTOM
- PLTG. PLATING
- STAN. STANCHION
- ES. ESCAPE
- L.P. LOW PRESSURE
- H.P. HIGH PRESSURE



HOLD
SCALE 1/4" = 1' FOOT
BU. OF SHIPS NO. 2-CL 89-50103-6005 02

ABBREVIATIONS

LONGI.	LONGITUDINAL
FP.	FORWARD PERPENDICULAR
W.T.BHD.	WATER-TIGHT BULKHEAD
FLR.	FLOOR
O.T.	OIL TIGHT
N.T.	NON-TIGHT
PLT.	PLATE
BKT.	BRACKET
I.B.	INNER BOTTOM
ABV.	ABOVE
EMER.	EMERGENCY
PROJ.	PROJECTOR
INJEC.	INJECTION
PLAT.	PLATFORM
V.L.	VERTICAL LADDER



INNER BOTTOM

0 4 8 12
SCALE $\frac{1}{16}'' = 1 \text{ FOOT}$
BU. OF SHIPS - N2 - CL 89 - 50103 - 600502