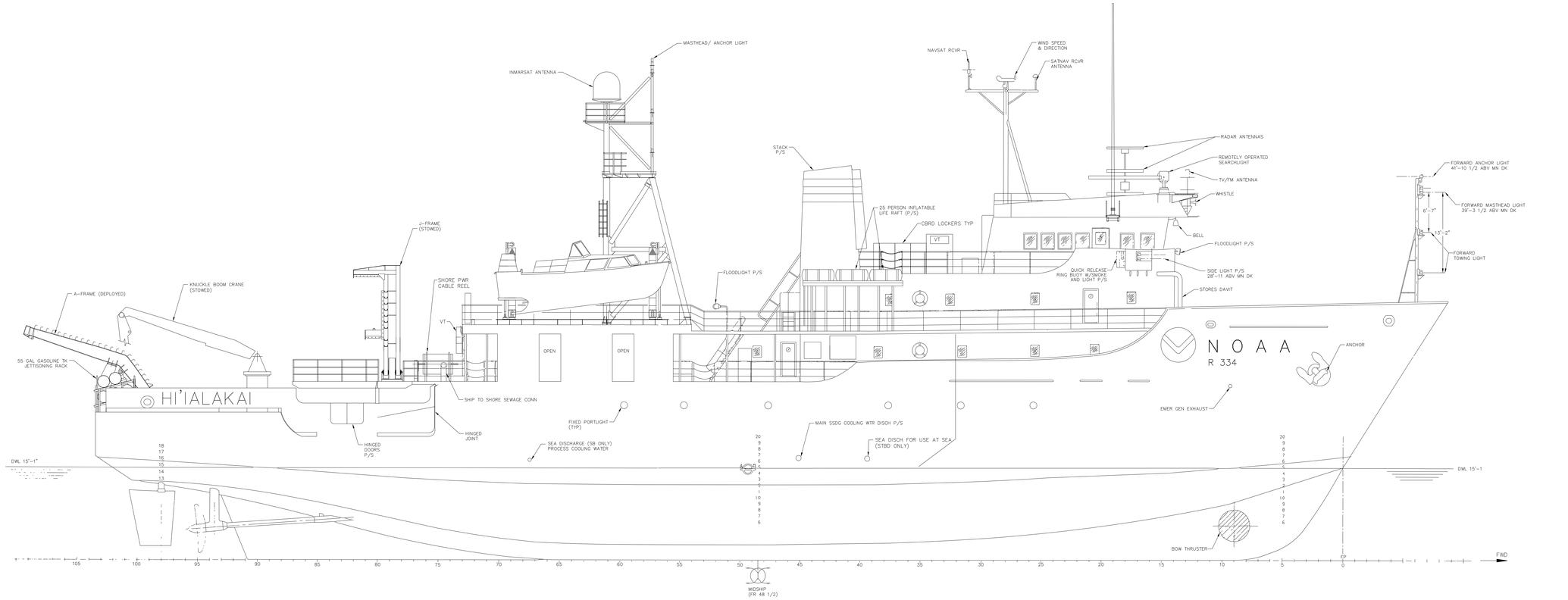


OUTBOARD PROFILE

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	VI-807-001	–
SCALE: 1/4=1'-0		SHEET 1 OF 4	

REVISIONS					
REV	ZONE	DESCRIPTION	BY	DATE	APPD
–	ALL	1. PLAN REDRAWN TO REFLECT AS-BUILT CONDITION.	MR&SD	5/04	

PRINCIPAL CHARACTERISTIC

LOA	225'-6"
LWL	204'-0"
LBP	194'-0"
BREADTH, MOLDED	43'-0"
DEPTH, MOLDED	20'-0"
DRAFT, DESIGN	15'-1"
DISPLACEMENT AT DWL IN SW	2298 L TONS
SPEED, FREE RUNNING	11 KNOTS
SPEED, TOWING	3 KNOTS
CRUISING RANGE	9450 N MILES
GROSS TONNAGE	1492.#ø
NET TONNAGE	1015.00ø
MACHINERY:	
DIESEL -ELECTRIC, DIRECT DRIVE	
GE PROPULSION MOTORS RATED 5 HP	2X800
CYL 398/KATO DIESEL GENERATORS (4)	600 KV/750 KVA
COMPLIMENT:	
OFFICERS AND CREW	18
OTHERS	12
TANK CAPACITIES:	
FUEL OIL AT 98ø	722.6 L TONS
SW BALLAST AT 100ø	485.7 L TONS
POTABLE WATER AT 100ø	18.9 L TONS
CLASSIFICATION:	
ABS ⊕ A1 ⓒ CLASS C ICE STRNENGTHENING	
⊕ AHS, ⊕ ACCU	

NO	TITLE	DRAWING NO.
10	SHEATHING SYS DETS FOR OWD SHEATHING ON SURFACE SHIPS	STD-804-5000994
9	ACOUSTIC & THERMAL INSULATION INSTLN DETS	STD-804-5723931
8	MISSION SPACES HVAC SYS MODS	VI-512-002
7	MISSION SPACES LTG SYS MODS	VI-330-002
6	MISSION SPACES PWR SYS MODS	VI-320-003
5	MISSION DECK MISC PIPING SYS TEM MODS	VI-550-002
4	DECK MACHINERY FOUNDATION MODS	VI-181-001
3	FREEZER PROCUREMENT SPEC	VI-505-001
2	MISSION SPACES BOSNS LOCKER ARR & DETS	VI-665-003
1	MISSION DECK FORECASTLE DECK STRL MODS	VI-140-002

REFERENCES

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF NOAA CORPS OPERATIONS

AMSEC LLC
M. ROSENBLATT & SON GROUP
NAVAL ARCHITECTS & MARINE ENGINEERS
BREMERTON, OAKLAND, SAN DIEGO

DESIGNED	R. PANTANGCO	06/04
CHECKED	G. HABERMAN	06/04
REVIEWED	G. HABERMAN	06/04
APPROVED	G. HABERMAN	06/04

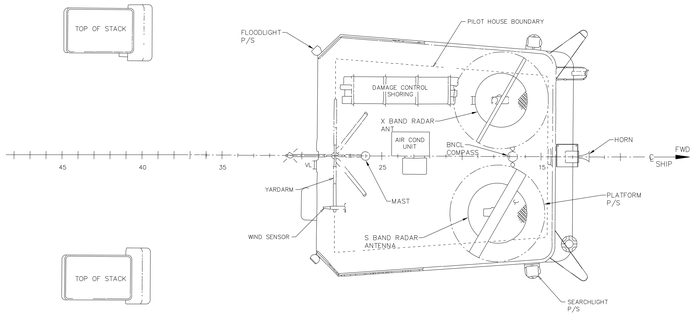
PROJECT ENGR		DATE
ASST PROG MGR		DATE
PROGRAM MGR		DATE
APPROVED FOR NOAA		
SCALE: AS NOTED		

NOAA SHIP HI'IALAKAI BOOKLET OF GENERAL PLANS

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	0YLJ5	VI-807-001	–
HI'IALAKAI BOP – SHEET 01 OF DRAWING		SHEET 1 OF 4	

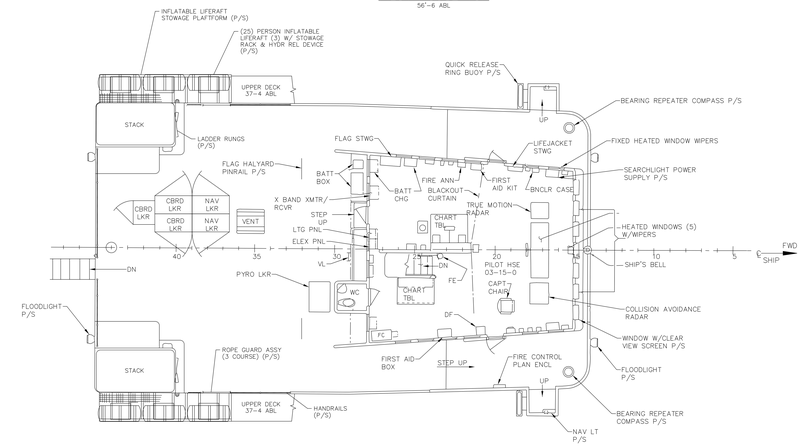
50.27 [Metric ISO / A0(841x1189)]

ABS



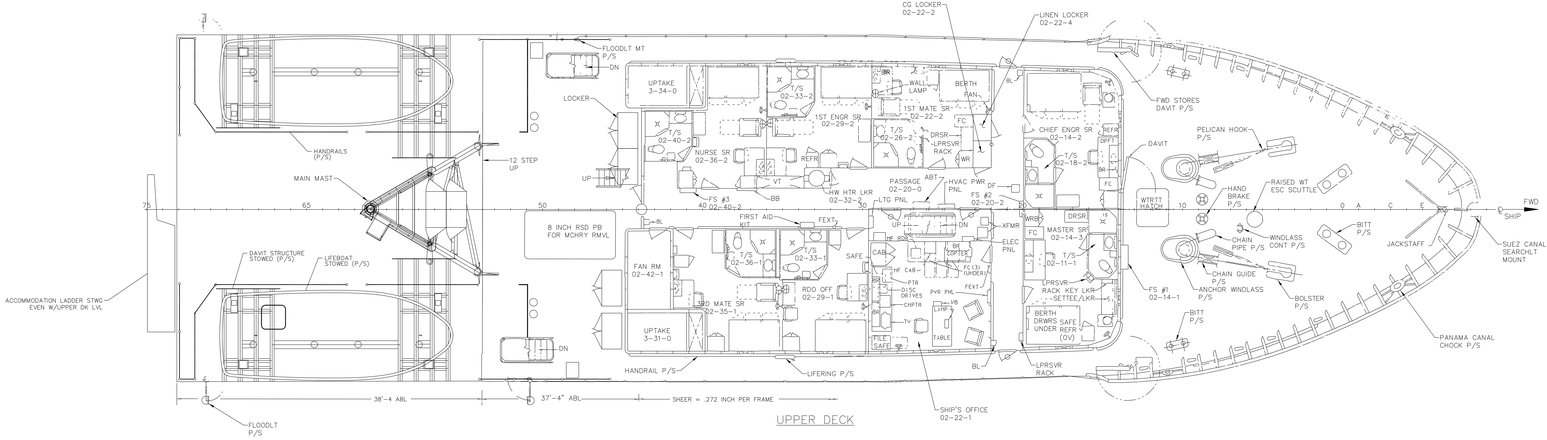
PILOT HOUSE TOP

56'-6 ABL



BRIDGE DECK

45'-10 ABL



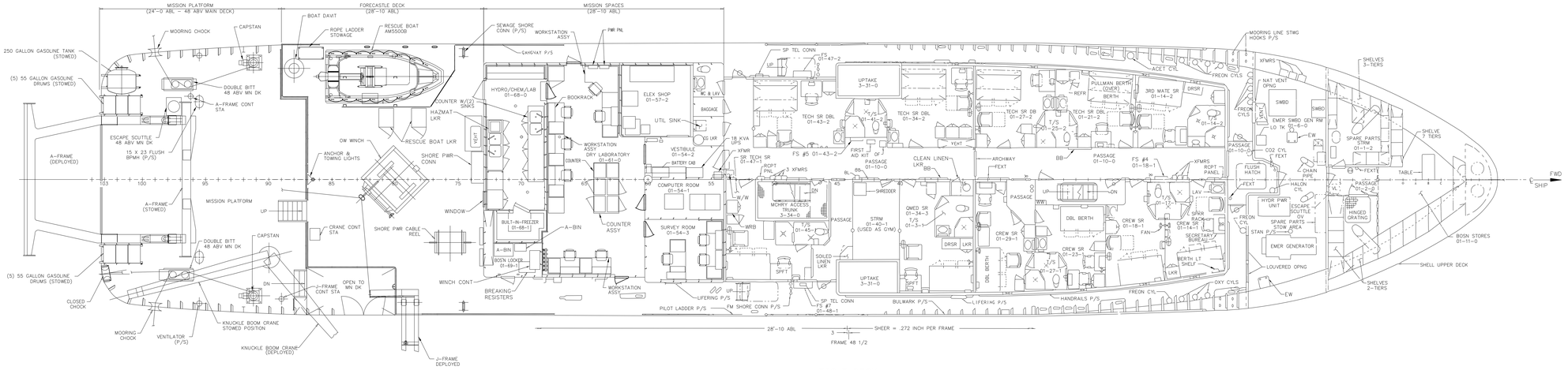
UPPER DECK

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	VI-807-001	—
SCALE: 1/4 in 1'-0		SHEET 2 OF 4	

0 INCHES 1 2 3 4 5 6 7 8 9 10

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	VI-807-001	—
SCALE: 1/4 in 1'-0		SHEET 2 OF 4	

HYDRAULIC BOP - SHEET 02 OF 04 (MM)



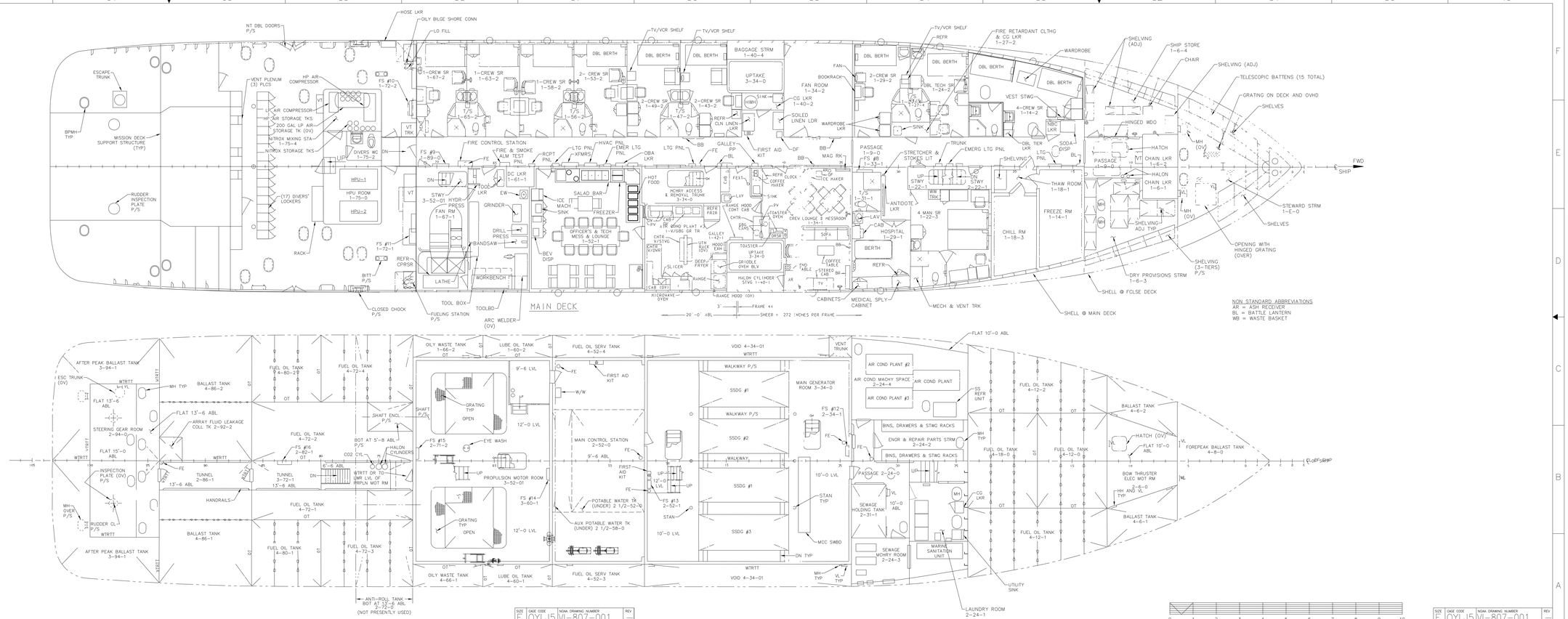
FCSLE DECK

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	VI-807-001	A
SCALE: 1/4 in 1'-0		SHEET 3 OF 4	

0 INCHES 1 2 3 4 5 6 7 8 9 10

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	VI-807-001	—
SCALE: 1/4 in 1'-0		SHEET 3 OF 4	

NOAA/AX BOP: SHEET 03 OF SKDWG_



SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
F	OYLJ5	VI-807-001	—

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

SIZE F CAGE CODE OYLJ5 NOAA DRAWING NUMBER VI-807-001 REV —
SCALE 1/4=1'-0 SHEET 4 OF 4

HTACAN BOF - SHEET 04 OF 04 DESIGN