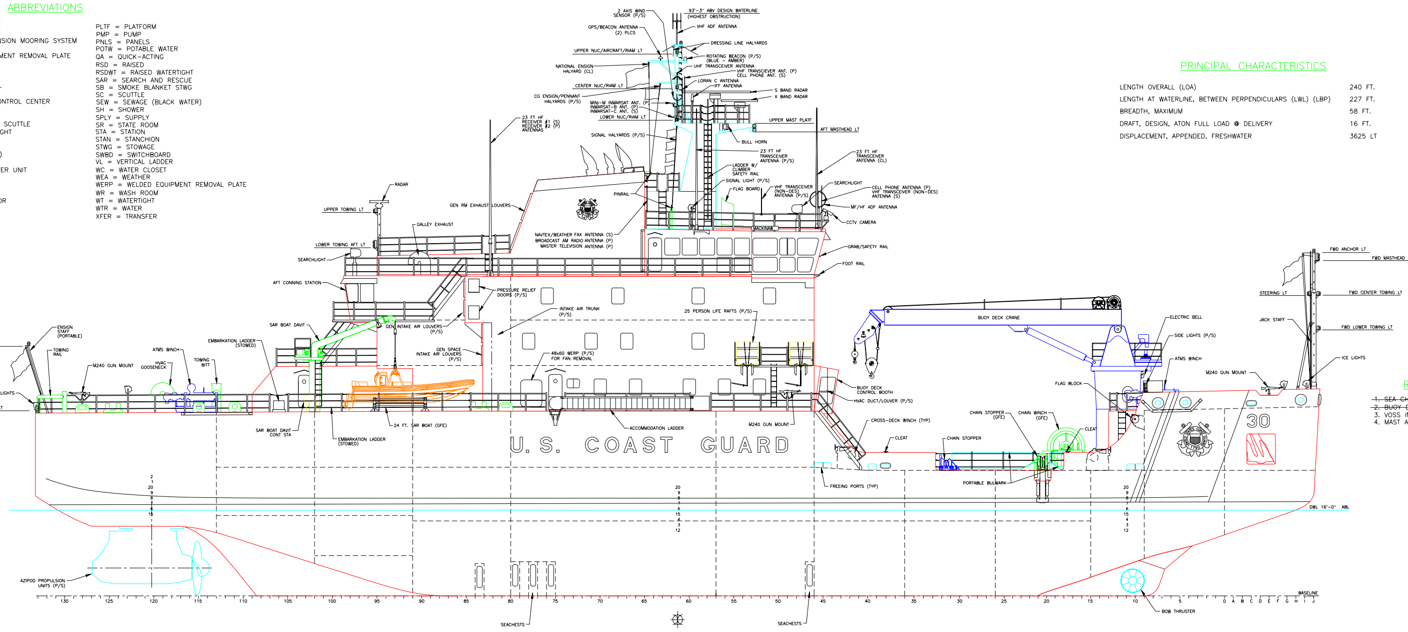
240-WLBB-601-001

ABBREVIATIONS

ABL = ABOVE BASELINE
ABV = ABOVE
ATMS = AUTOMATIC TENSION MOORING SYSTEM
AUX = AUXILIARY
BERP = BOLTED EQUIPMENT REMOVAL PLATE
CAB = CABINET
CG = CLEANING GEAR
CNTRL = CONTROL
DC = DAMAGE CONTROL
DISC = DISCONNECT
ECC = ENGINEERING CONTROL CENTER
ENL = ENLISTED
EXHST = EXHAUST
FESC = FLUSH ESCAPE SCUTTLE
FLWT = FLUSH WATERTIGHT
FO = FUEL OIL
FS = FIRE STATION
FZ = FIRE ZONE (MAIN)
GW = GRAY WATER
HPU = HYDRAULIC POWER UNIT
LKR = LOCKER
LT = LIGHT FIXTURE
LUBO = LUBE OIL
MG = MOTOR GENERATOR
MH = MAN HOLE
NT = NONTIGHT
OT = OILTIGHT
PLTF = PLATFORM
PMP = PUMP
PNLS = PANELS
POTW = POTABLE WATER
QA = QUICK-ACTING
RSD = RAISED
RSDWT = RAISED WATERTIGHT
SAR = SEARCH AND RESCUE
SB = SMOKE BLANKET STWG
SC = SCUTTLE
SEW = SEWAGE (BLACK WATER)
SH = SHOWER
SPLY = SUPPLY
SR = STATE ROOM
STA = STATION
STAN = STANCHION
STWG = STOWAGE
SWBD = SWITCHBOARD
VL = VERTICAL LADDER
WC = WATER CLOSET
WEA = WEATHER
WERP = WELDED EQUIPMENT REMOVAL PLATE
WR = WASH ROOM
WT = WATERTIGHT
WTR = WATER
XFER = TRANSFER

PRINCIPAL CHARACTERISTICS

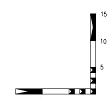
LENGTH OVERALL (LOA)	240 FT.
LENGTH AT WATERLINE, BETWEEN PERPENDICULARS (LWL) (LBP)	227 FT.
BREADTH, MAXIMUM	58 FT.
DRAFT, DESIGN, ATON FULL LOAD @ DELIVERY	16 FT.
DISPLACEMENT, APPENDED, FRESHWATER	3625 LT



OUTBOARD PROFILE

RESERVATIONS

1. ~~SEA CHEST OPENINGS AND GRILLES.~~
2. ~~BUOY DECK TIE-DOWNS.~~
3. VOSS INTERFACES.
4. MAST AND ANTENNA ARRANGEMENT.



SCALE (FT)

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	INITIAL ISSUE. THIS DRAWING WAS DEVELOPED FROM PROPOSAL DRAWING 240 WAGB 601-001 REV A WITH THE FOLLOWING CHANGES:		
VAR		1) ADDED COMPT NUMBERS AND REVISED SOME COMPT NAMES.		
4G		2) ADDED PRINCIPAL CHARACTERISTICS.		
4D		3) CHANGED HULL DESIGNATION NUMBER FROM 12 TO 30.		
28C,40G 52C		4) ALTERED CHAIN LOCKER; DELETED CHAIN BINS AND CREATED P/S CHAIN LOCKERS SIM TO WLB.		
57F		5) CHANGED ENLISTED MESS SEATING FROM STOOLS TO BENCH SEATING.		
16D,23D 28D,64C 71C		6) DELETED ONE ATMS WINCH FWD & ONE AFT, AND ADDED VERTICAL ANCHOR WINDLASSES FWD.		
17D 52F		7) DELETED EXTERIOR LADDER TO FOCSLE ON STBD SIDE AND INCREASED SIZE OF DC NO.2 TO GAIN SPACE ON FOCSLE DK FOR NEW ATMS WINCH ARRGT. ADDED BUILT-IN CO2 LKR FWD.		
23E 71C		8) MOVED CAPSTAN AND TOWING BITT ON AFT DECK FORWARD ABOUT FIVE FEET.	11/20/01	P.HIGHLEN
23D 59B	A	1) MOVED HAWSER REELS & HATCH AFT. ADDED ROPE SCUTTLE ON PORT SIDE. ALL TO IMPROVE LINE HANDLING ON AFT DECK.		
4C,16D 59B		2) ADDED 10" BITTS & CHOCKS ON FOCSLE. CORRECTED SIZE CALL-OUT FWD BITTS, WAS 14 IN.		
11D,23E 71C		3) MOVED TOWING BITTS AND CAPSTAN FWD & RELOCATED ATMS WINCHES ON AFT DECK. EXTENDED TOW RAIL TO WRAP AROUND TRANSOM TO SUIT DESIGN CONCERN COMMENTS 9 &10 OF USCG LTR SER 085-GQA-G0013 DTD 10 JAN 02.		
10D,22E 34D,70C		4) DELETED COMPANIONWAY ACCESS ENCLOSURE ON AFT DECK AND ADDED WT HATCH.		
10D,22E 34D,69F 70C,82C		5) ALTERED DECK HOUSE AFT; SHORTENED BY MOVING 01 LVL FAN ROOM TO 02 LVL, AND SHIFTING SERVICE REEL LKRS FWD. HOUSE DID END AT FR.102, NOW FR.98. DELETED CO2 LKR AND DECK GEAR LKR, AND CREATED TWO SERVICE REEL LOCKERS -THIS SEPARATED FUEL HOSE REEL FROM POTW HOSE REEL. CHANGED MEANS TO ACCESS REELS BY ADDING ROLLER CURTAINS IN LEU OF WEAT DOORS. MOVED CO2 BOTTLES TO PASSAGE 01-46-1-L. ALL TO SUIT COMPLIANCE COMMENT 1 OF USCG LTR SER 085-GQA-G0013 DTD 10 JAN 02.		
8E,20D 32E,80F 81C		6) MOVED FAN RM ON 03 LVL TO 04 LVL AFT OF UPTAKE TO IMPROVE DUCT RUNS. REARRANGED IC/GCMPS RM AND PASSAGE ON 03 LEVEL.		
18E,30C 54C,54F		7) RELOCATED CARGO HOLD AFT ONE COMPARTMENT TO GET CARGO HATCH OUT OF BUOY SERVICE AREA. RECONFIGURED POTW TANKS AND MOVED GRAY WTR TANKS FWD ONE COMPT.		
5D,17C 21F,65B 67F,69D		8) DELETED SURVIVAL SUIT LKR 02-46-0-A AND ADDED EXTERIOR STOWAGES FWD AT FOCSLE DECK EDGE, AND AFT ON PORT SIDE NEAR BOATS. INCREASED SIZE OF SURGE BERTHING SPACE TO TAKE UP SPACE WHERE SURVIVAL SUIT LKR WAS. NOTED SPACE AVAILABLE FOR ADDITIONAL BERTHING. ALL TO SUIT ENHANCEMENT COMMENT 5 OF USCG LTR SER 085-GQA-G0013 DTD 10 JAN 02.		
5C,18D 54F		9) REPOSITIONED GRIPERS ON BUOY DECK TO IMPROVE FLEET ANGLE FOR TIE-DOWN. ALSO ENLARGED BUOY PORTS TO PROVIDE MIN. 15 FT. CLEAR OPENING BETWEEN STOPPERS.		
32C 55-57F		10) REARRANGED MAIN DECK BETWEEN FRAMES 46-91; MOVED PROPULSION SWBD & TRANSFORMERS TO 1ST PLTF SPACES. CHANGED STBD THRU PASSAGE TO NEARER CENTERLINE. MOVED MED TRTMT RM, LOG OFFICE & DECK WR,WC. MOVED ECC, EL SHOP & MACH SHOP FROM 1ST PLTF. DELETED DC CENTRAL, COMBINED IT WITH ECC AND LOCATED ECC OUTSIDE OF MACHINERY SPACE ENVELOPE TO SUIT DESIGN CONCERN COMMENT 11 OF USCG LTR SER 085-GQA-G0013 DTD 10 JAN 02. RELOCATED AND INCREASED SIZE OF CPO MESS & OFF WARD RM TO SUIT COMPLIANCE COMMENTS 2& 3 OF USCG LTR SER 085-GQA-G0013 DTD 10 JAN 02. ADDED SPACE FOR FUTURE TRASH HOIST ON MESS DK		
54C		11) MOVED DC SHOP FROM AFT OF AMR NO. 2 TO FR.26-36 ON 1ST PLATFORM.		
55C		12) DELETED R.O. ROOM, CENTERLINE PASSAGES AND HEATING EQPT RM FR.46-57, AND CREATED MOTOR GEN ROOM IN THIS COMPARTMENT. MG SETS & TRANSFORMERS MOVED FROM AMR NO. 2 FWD INTO THIS NEW SPACE.		
56C		13) CREATED SWBD OPERATOR'S RM IN UPPER LEVEL OF GEN RM WHERE ECC WAS LOCATED. MOVED PROPULSION SWBD, TRANSFORMERS & NEUTRAL POINT RESISTOR UNITS INTO THIS NEW SPACE.		
57C		14) REARRANGED UPPER LEVEL OF AMR NO. 2 ADDING PROP TRANSFORMERS & DRIVE UNITS, AND RENAMED SPACE AS PROPULSION TRANSFORMER RM. MOVED A/C UNITS AFT.		
58C		15) MOVED EL SHOP & MACH SHOP TO MAIN DECK. MOVED EXERCISE RM, SHIP STORE & SEABAG LKR FWD ONE COMPARTMENT. DELETED HYDR PWR UNIT RM NO. 1 & 2 AND CREATED HYDR MCHRY RM NO.2.		
53F,58F		16) ADDED SCBA FILL STATION IN CRANE PEDESTAL AND SCBA STOWAGES AT FR.6&108 ON MAIN DECK.		
43F		17) REDUCED SIZE OF FUEL SERVICE TANKS, INCREASING SIZE OF AMR.		
42F		18) ADDED SP & WT IN POTW MCHRY RM FOR R.O. UNIT.		
69C		19) RELOCATED LAUNDRY & TRASH RM TO ALLOW FOR FUTURE TRASH HOIST NEAR CENTERLINE.		
		(REVISION A CONTINUED ON SHEET 2)		

MANITOWOC MARINE GROUP
MARINETTE MARINE CORPORATION
MARINETTE WISCONSIN 54143
A MANITOWOC COMPANY

CONTRACT NO. DTCG23-02-C-AGL001
MARINETTE MARINE CORP. MARINETTE WIS. 54143
MMC DWG NO.
APRV:
APRV:
CHKD:
DWN:
USCG APPROVAL:

U.S. COAST GUARD HEADQUARTERS
WASHINGTON, D.C. 20593

TITLE GREAT LAKES ICEBREAKER REPLACEMENT

SIZE	FSCM CAGE NO	USCG DRAWING NO.	REV
H	81340		

SCALE 8.56 SQ FT

ELIN