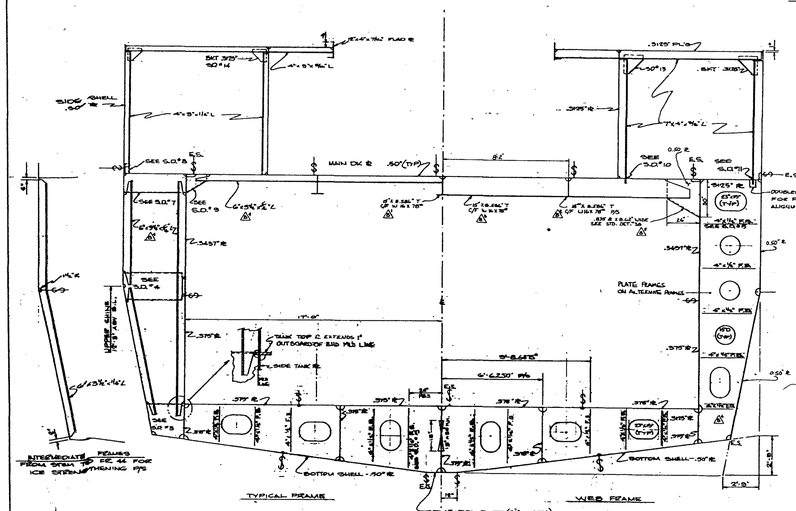

MIDSHIP SECTIONS
LOOKING FWD
FRAME SPACING 24" THROUGHOUT

PRINCIPAL CHARACTERISTICS

LOA	226'-0"
LWL	204'-4"
LBP	198'-0"
RULE LENGTH (L)	196'-1⅞"
BREADTH MLD	42'-0"
DEPTH MLD	20'-0"
DESIGN DRAFT FULL	15'-0"
DISPLACEMENT	2260 TONS
BLOCK COEFFICIENT @ 17 FT DRAFT	0.47
SHP ABS	6980
TRIAL SPEED AT 80% SHP ABS	15 KNOTS

CLASSIFICATION

ABS ✠ A-1 Ⓡ TOWING SERVICE,

✠ AMS, ACCU (1974 RULES)

EQUIPMENT NUMERAL U14 (OWNERS EXTRA)

EQUIPMENT

2. STOCKLESS BOWER ANCHORS - 3170# WEIGHT EACH.
500 FATHOMS, 1⅞" GRADE 3, STUD LINK ANCHOR CHAIN. (OWNERS EXTRA REQ)

NOTES:

STRUCTURE TO BE ENTIRELY WELDED. FILLET WELDS IN OIL FUEL, BALLAST, AND PEAK TANKS TO BE CONTINUOUS. PRECAUTION TO BE TAKEN TO ENSURE THAT STRUCTURAL MEMBERS ARE PROPERLY ALIGNED ON BOTH SIDES OF BULKHEADS GIRDERS, TRANSVERSES, ETC. (SEE STANDARD DETAIL BOOKLET FOR MOLD LINE REFERENCES)

LEGEND

E.S. = ERECTION SEAM
S.D. = STD. STRUCT DETAIL BOOKLET
℞ = PLATE IN INCHES
D = DIAMETER
F.B. = FLAT BAR
BKT = BRACKET
℞ = RADIUS
STD = STANDARD
STRUCT = STRUCTURAL

PRINCIPAL CHARACTERISTICS

LENGTH OVERALL	226'-0"
LENGTH DESIGN LOAD WATERLINE	204'-5"
LENGTH BETWEEN PERPENDICULARS	195'-0"
BREADTH, MOLDED, AMIDSHIPS	42'-0"
DEPTH, MOLDED, 10 MAIN DECK	20'-0"
DRAFT, DESIGN LOAD WATERLINE	15'-0"
FULL LOAD DISPLACEMENT	2,260 LTSW
GROSS TONNAGE	968 (NET)
COMPLEMENT - CREW	(RESERVE) PERSONS
- TRANSIENTS	20 PERSONS
FREE ROUTE SPEED - AT DLWL AND 80% SHP	15 KNOTS
CRUISING SPEED	15 KNOTS
OPTIMUM TOWING SPEED	6 KNOTS
ENDURANCE (AT 15 KNOTS)	10,000 MILES
SHIP (INSTALLED)	7,200
MACHINERY	DIESEL, GEARED
PROPELLERS	2 - CONTROLLABLE REVERSIBLE PITCH IN FIXED NOZZELS
BOW THRUSTER	300 HP
ELECTRIC POWER	440 V, 5 PH, 60 HZ
SOURCE, INSTALLED	3 - 400 KW DIESEL GEN
VESSEL CLASSIFICATION:	ABS ✠ A-1 Ⓡ TOWING SERVICE, CLASS C ICE STRENGTHENING, ✠ AMS, ACCU

SIZE	CODE IDENT. NO.	MSC PLAN NO.	REV.
B		ATF166-845-4842.423	
SCALE AS SHOWN		SHEET 5 OF 5	

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