REV. NO.	DESCRIPTION	BY	DATE	APPD.
1	REV. MACH. ARRGT. PER ENGR. DRWG. PRINTS.	TCB	8-17-81	
2	REV. MACH. ARRGT DUE TO ADDITIONAL EQUIPMENT FROM HUGH SMITH LTR. DTD. APRIL 17, 1981 & SHOWED DIRTY OIL TANKS	TCB	8-28-81	RCB
3	REV. MACH. ARRGT DUE TO NEW SPEC SHEET OIL REDUCTION GEAR AND MISC CHGS PER MARKED UP PRINT BY HUGH SMITH.	JT	5/28/82	R.C.B.
4	ADDED ANCHOR HANDLING POWER UNIT			

NO.	DESCRIPTION	BY	DATE	APPD.
6	MISC. CORRECTIONS PER MARKED UP PRINT BY HUGH SMITH	TCB	7/14/81	RCB
5	MISC. CONDENSING UNITS PER MARKED UP PRINT BY DALE GEERDES	TCB	7/14/81	RCB
4	REVISED DWG. PER MARKED UP PRINT BY DALE GEERDES	B.A.	7/14/81	RCB
7	REVISED DWG. PER AS BUILT INSTALLATION.	HUGH SMITH	7/14/82	

PARTIAL MAIN DK. PLAN

SCALE: 1/4" = 1'-0"

SECTION AT FR. 56 LKG. AFT.

SCALE: 1/4" = 1'-0"

SECTION AT FR. 48 LKG. AFT.

SCALE: 1/4" = 1'-0"

SECTION AT FR. 52 LKG. AFT.

SCALE: 1/4" = 1'-0"

SECTION AT FR. 44 LKG. FWD.

SCALE: 1/4" = 1'-0"

MACHINERY LIST

EQUIPMENT	QTY.	DESCRIPTION	NOTE
MAIN ENGINE	3	CATERPILLAR MOD. 3412-525, M.R.G. @ 1800 RPM	
MAIN GENERATORS	3	DETROIT DIESEL 8-V-71 - ENGINE DELCO GENERATOR MOD. E7067 REINTJES MARINE REVERSE RED.	125 KW @ 1800 RPM
MARINE GEAR	2	GEAR WAY 500-3.5:1	
MARINE GEAR	1	REINTJES MARINE REVERSE RED. GEAR WAY	
AIR COMPRESSOR	2	INGERSOLL RAND MODEL 40 YT, TYPE 30	10 HP MOTOR 1725 RPM 325 CFM FREE AIR @ 200 PSI USCG APPROVED
AIR RECEIVERS	2		
SWITCHBOARD	1		
STEERING GEAR UNIT	1	STEERING SYSTEM INC. 2-HYD. PUMP UNITS (1750 RPM ELEC. MOTORS (EA.) MOUNTED ON A HYD. STORAGE TK.	
BILGE & BALLAST PUMP	1	BOULDER # 3755, GROUP "M" 2 1/2"-7, 3 H.P. 1750 RPM	
FIRE PUMP	1	BOULDER # 3955, GROUP "M" 2"x2"-7, 15 H.P. 3500 RPM	
FUEL OIL PUMP	1	BOULDER # 3755, GROUP "M" 2"x 2"-7, 3 H.P. 1750 RPM	
DIRTY OIL PUMP	1	VIKING MODEL HL 195 D, 1 1/8" x 1 1/8", 2 H.P. 1200 RPM	
FUEL OIL HAND PUMP	1	BLACKMER MODEL RA-AM, 12 c.i. 8 STROKES/GALLON	
ELECTRIC H.T. HEATER	2	82 GAL. (96 KW)	
HOT WTR. PUMP	1	BELL & GOSSETT SERIES HV 1 1/4"	
SEWAGE TREATMENT	1	RED FOX, MOD. RF 350 - PILOT TYPE BLOWER	RFCC MODEL HP-350 SEWAGE AERATOR PACKAGE
POTABLE WATER PRESSURE SET	1	AMERICAN MOD. MC-75 SWACO PUMP 3/4 HP MOTOR @ 3450 RPM	HARWOOD MOD. HWP-1 SET GLASS LINE VERT. GAL. TANK - 3 HP MOTOR @ 1800 RPM
FUEL OIL SEPARATOR	1	WESTFALIA SEPARATOR MODEL OTA-100-066 (STD.)	
UTILITY PUMP	1	BOULDER # 3755, GROUP "M" 2"x2"-7, 15 HP 3500 RPM	
SANITARY WATER PRESSURE SET	1	SAME AS POT. WTR. PRESS. SET	
OIL WATER SEPARATOR	1	KRONE MOD. 2760 RATED @ 6 G.P.M. COMPLETE WITH PUMP	
BOW THRUSTER	1	SCHOTTEL WANDEL & L'HUILLIER, INC. DRIVEN BY 300 H.P. DIESEL ENGINE	
CHILLER UNIT	2	MOD. HK 015 C.B.D.	

CONT. MACH. LIST

BROMINATOR	1	EVERPURE SSPM 50T	

DESIGN ASSOCIATES, INC.
NAVAL ARCHITECTS MARINE ENGINEERS
NEW ORLEANS, LA.

TIDEWATER MARINE SERVICE

143' x 36' x 10' SEISMIC VESSEL
M/SS. MARINE TOWBOAT CORP. HULL #90

MACHINERY ARRANGEMENT

Drawn: JGS 4	Date: JAN. 8 '80	Checked: PC B	
Traced:	Date:	Checked:	
Aprvd:	Date:	Scale: 1/4"=1'-0"	
Sheet 1 Of 2	Drawing No. 8000-17	Revision No. 4	

GX072