

Note: All parts/products described as in CG hands will be available and ready to ship on March 11, at the request of the Contractor.

List of GFE:

11.0 VLE SUPPLEMENTAL REFIT SPECIFICATION (Appendix A)

11.1.19A.5 GFE, Winteb 2000 – Type 1B – Standard ANSI 150 flange fit vent heads (2 of).

12.0 VLE SUPPLEMENTAL ELECTRONIC EQUIPMENT SPECIFICATION (APPENDIXB)

12.1.3.9 GFE material listed below. All material in CG hands.

ELAC ES5100 Echo Sounder
DAZ25 Digital Remotes, 4 of
Consolidated Technology Mini Expander, 2 of
Newmar 24VDC Power Supply
Black Box A/B Switch

12.2.3.4 GFE material listed below. All material shall be in CG hands by March 31, 2015.

Ice Housings, 2 of
Junction Box
Glycoshell

12.3.3.3 GFE material listed below. All material is in CG hands.

Belden 1694A RG6 Cable 2 Reels, 600 m
4-Way Splitters (Blonder Tongue CAT No LPD-4, 7 of
3-Way Splitters (Blonder Tongue CAT No LPD-3P, 6 of
L-Band Diplexer (Blonder Tongue CAT No LUV-2150, 31 of
FS6U Connectors (x143 required), 175 of
FS6US Connectors (x60 required), 70 of
Wall Plates Ivory (x29 required), 35 of
Inserts and Modules Ivory (x58 required), 60 of
Crimping tool CPLCCT-SLM ,
Crimping tips LMTIP-S for FS6U and LMTIP-WP for FS6US, 2 of
Prep Tool PSA59/6
BTF-TP 75ohm Terminator, 40 of
12.4.3.7 GFE material listed below. All material is in CG hands.

Doppler Speed Log Naviknot 450D CDU
Pre-Amplifier
Electronics Unit
Gate Valve
Transducer
24 VDC Power Supply
Universal Remote Displays (UDR), 2 of

12.5.3.5 GFE material listed below. All material is in CG hands.

B9C132 POI 6 OM3-50. 10G (Fiber Cable), 1000m
95-050-99-X Unicam LC Connector 50um OM3 OM4, 250 of
Corning FAN-BT25-06 FANOUT KIT 6 Fiber 25", 40 of
A0643206 MDVO Media Box 6 port Almond (Drop Box), 20 of
LC Duplex Jack MM Fiber Almond for Media Box above (AX102210), 60 of
AX104683 Fiberexpress Ultra HD Patch Panel 4U (Patch panel)
FXU Frame OM3 12P LC_DX (FF3U12LD), 16 of

12.6.3.5 GFE material listed below. All material shall be in CG hands.

Satellite Dome
Below Deck Equipment
Satellite Power Supply
IP Thrane Handset
N-Type Male Connector for LMR600 FR
Antenna Mounting Stand and Rubber Gasket

12.7.3.5 GFE material listed below. All material is in CG hands.

Masterclock NTP Driven Clocks NTDS24 c/w mounting brackets, 12 of
Fiber to UTP converter (POE) GTP-802 , 3 of
Fiber patch cables 1m , 4 of
1300SB Cat5e cable , 300m
TE - 5-569550-3 – Metal RJ-45 Connector , 20 of
TE – 9-336513-7 - black boot , 20 of
TE - 3-231652-0 Hand tool and dye set. White dot for specified connector
TE Connectivity Patch Panel 1RU 24 Port – part# TE1933307-1

13.0 PROPULSION ENGINE BLOCK REPLACEMENT

Table 13-1 OEM Engine blocks/parts. Ordered directly from Wartsila, all parts are on hand and being stored at Wartsila's facility in Dartmouth, NS. Part will remain there until engines arrive for overhaul/re-assembly.

14. PROPULSION CONTROL SYSTEM REPLACEMENT

14.1.1.1 GFE propulsion control system. Components listed in table under 14.3.3.1. System shall be tested, in CG hands.

15.0 STEERING GEAR CONTROL UPGRADE

15.1 GFE supplied steering gear control system. Components listed in table 15-1. Control system shall be in CG hands.

16.0 GEARBOX OVERHAUL

16.3.4.1 GFE supplied bearings, PTO clutch packs, input shafts and gears, etc, complete components listed in table 16-1.. Ordered directly from Moventas, all parts are on hand and being stored at Moventas' facility in Cambridge Ontario. Parts will remain there until FSR requirement. Some parts will be assembled in the Moventas facility prior to delivery.

17.0 STERN TUBE SEAL AND BEARING REPLACEMENT

Table 17-1 OEM parts, ordered directly from Wartsila. Components listed in table 17-1. All parts shall be in CG hands.

18.0 CPP SYSTEM OVERHAUL

Table 18-1 OEM parts, ordered directly from Wartsila. Components listed in table 18-1. All parts shall be in CG hands.

21.0 SHIP'S SIDE VALVES AND SPOOL PIECES

21.3.1.10 GFE emergency fire pump suction valve. Valve shall be in CG hands.

24.0 BOW THRUSTER REPLACEMENT

24.1 GFE supplied bow thruster, being obtained from Wartsila Canada. Bow thruster and all ancillary equipment shall be tested, and in CG hands on or before May 1, 2015.

25.0 BUOY CRANE UPGRADE

Table 25-1 OEM parts, ordered directly from Liebherr. Components listed in table 25-1. All parts shall be in CG hands on or before July 31, 2015.

27.0 STERN THRUSTER SYSTEM UPGRADES

GFE supplied stern thruster, being obtained from Rolls Royce Canada. Stern thruster and all ancillary equipment shall be in CG hands on or before June 30, 2015.

44.0 RUBBER FENDERING REPAIR

44.3.2.4 Section of rubber fendering will be GFE. 20 feet of fender is in CG hands.

48.0 HIAB CRANE REPLACEMENT

48.1.1 GFE supplied Palfinger replacement crane, being obtained from Pennecon Hydraulic Systems. Palfinger crane and ancillary equipment shall be in CG hands on or before April 15, 2015.

50.0 SEARCHLIGHT REPLACEMENT

50.1.1 GFE supplied Colorlight searchlights and ancillary equipment. Searchlights are in CG hands.

51.0 AFT CAPSTAN CONTROL STATION

Table 51-1 Capstan conversion parts, obtained from Spar Marine, who completed the capstan conversion design. Components listed in table 51-1. All parts are in CG hands.