




- THE ELECTRICAL INSTALLATION TO BE IN ACCORDANCE WITH THE CANADIAN BOAT BUILDING RULES AND REGULATION AND ELECTRICAL STANDARDS TP127, LATEST REVISION.
- CABLE SHOWN IS X-LINKED POLYETHYLENE P.V.C. JACKET 750 VOLT MARINE CABLE, ARMOURD-CANADA WIRE MARINEX XBI CABLE SIZES IN AWG.
- GENERATOR BREAKERS TO BE WESTINGHOUSE MCP, 150 AMP FRAME, PLUG IN BASE, C/W UVR, ADJUSTABLE INSTANTANEOUS TRIP
- O/L RELAYS TO BE ALLAN BRADLEY M.O. DASHPOT TYPE, INVERSE TIME CHARACTERISTIC, SET TO TRIP AT 150% OVER CURRENT IN 20 SECONDS, ULTIMATE TRIP 105.2 AMPS.
- TIE BREAKER WESTINGHOUSE EB 3100 N, NON AUTO C/W PLUG IN BASE.
- STEERING MOTOR BREAKERS TO BE SET AT 200% L.R. CURRENT 70 AMPS.
- SHORE BOX C/W WESTINGHOUSE TRIPAC BREAKER.
- SUB-DISTRIBUTION BREAKERS TO BE WESTINGHOUSE BAB OR EQUIV.
- SHORE BREAKER TO BE WESTINGHOUSE EB 3100 THERMAL MAGNETIC C/W UVR, PLUG IN BASE
- ALL SWITCHBOARD BREAKERS TO BE CALIBRATED FOR 50 DEG. C AMBIENT TEMPERATURE. BREAKERS TO BE WESTINGHOUSE EB (240V) & BAB (120V)
- MOTOR STARTERS (SIZE 1 AND LARGER) TO HAVE DISCONNECTS.
- TRANSFORMERS TO HAVE CLASS F INSULATION, DRIP HOODS, CU WINDINGS, WITH MAX. 145°C TEMP RISE IN 50°C AMBIENT
- D.C. BREAKERS-HEINEMAN CF, JA TYPE, 2 POLE
- ALL PANELS TO HAVE CU BUS/UGS
- ALL GRD. DETECTION TO BE PUSH-TO-TEST

 — MANUAL STARTER  
 ACL — ACROSS LINE STARTER  
 LVR — LOW VOLTAGE RELEASE  
 LVP — LOW VOLTAGE PROTECTION  
 — CONTACTOR  
 PS — PRESSURE SWITCH  
 TH — THERMOSTAT

Rev: No.	Revisions	Date
App'd/App'n		
Date		
Contractor Entrepreneur		
<b>BRETON INDUSTRIAL &amp; MARINE LTD.</b> PORT HAWKESBURY NOVA SCOTIA		
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>Canadian Coast Guard</p> </div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <p>Garde côtière canadienne</p> </div>		
Vessel Navire		
800 NAV AIDS & F UTILITIES		
Drg. Title Dess. titre		
ONE-LINE DIAGRAM - ELECTRICAL		
Date: 4/5/85 Scale/Echelle: N.T.S.		Rev.
Contractor Drg. No. Entrepreneur Dess. N° 42-83-600 1 OF 2		

G.C.C. Item N°  
 42-83-600

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