# SECTION SB: SWITCHBOARD

CONFIDENTIAL, PROPERTY OF TECHSOL

## 06 Main Switchboard

| SHEET | DESCRIPTION | REV |
|---|---|---|
| SB06AA | 600 Volts, 3 Ph, Distribution Board, Starboard Side | 01 |
| SB06AB | 600 Volts, 3 Ph, Distribution Board, Starboard Side, cont. | 01 |
| SB06BA | 600 Volts, 3 Ph, Distribution Board, PORT Side | 05 |
| SB06BB | 600 Volts, 3 Ph, Distribution Board, PORT Side, cont. | 01 |

## 07 Not Used

| SHEET | DESCRIPTION | REV |
|---|---|---|
| | Reserved | |

## 08 Main Swbd, STBD side MCC

| SHEET | DESCRIPTION | REV |
|---|---|---|
| SB08AA | SW Service Cooling Pump 1 | 07 |
| SB08BA | F.O. Transfer Pump | 07 |
| SB08AA | Dirty Oil Transfer Pump | 07 |
| SB08DA | Fresh Water Tank #11 Immersion Heater | 07 |
| SB08EA | Fire/Bilge Pump AMR (Self-Priming) (1/2) | 07 |
| SB08EB | Fire/Bilge Pump AMR (Self-Priming) (2/2) | 05 |
| SB08FA | Inlet Fan MMR STBD | 07 |
| SB08GA | Inlet Fan AMR STBD | 07 |
| SB08HA | SW Pump Condensing Unit | 07 |

## 09 Main Swbd, PORT side MCC

| SHEET | DESCRIPTION | REV |
|---|---|---|
| SB09AA | F.O. Cont. Transfer Pump | 05 |
| SB09BA | SW Service Cooling Pump 2 | 08 |
| SB09CA | L.O. Transfer Pump | 07 |
| SB09DA | Bilge/Fire Pump MMR (Self-Priming) (1/2) | 08 |
| SB09DB | Bilge/Fire Pump MMR (Self-Priming) (2/2) | 05 |
| SB09EA | Inlet Fan MMR PORT | 07 |
| SB09FA | Inlet Fan AMR PORT | 07 |
| SB09GA | Fresh Water Tank #12 Immersion Heater | 07 |
| SB09HA | Spare Unit | 07 |

## 10 Main Switchboard

| SHEET | DESCRIPTION | REV |
|---|---|---|
| SB10AA | PLC01 - Main CPU, Local HMI & 24 Vdc Supply | 06 |
| SB10BA | PLC01 - Module 01, 32 Digital Inputs, 16 First | 05 |
| SB10BB | PLC01 - Module 01, 32 Digital Inputs, 16 Last | 05 |
| SB10CA | PLC01 - Module 02, 16 Digital Outputs | 03 |

## 11 Emergency Switchboard

| SHEET | DESCRIPTION | REV |
|---|---|---|
| SB11AA | Emerg. Generator, Metering & Indication | 05 |
| SB11BA | Emerg. Generator, Breaker Control & Indication | 06 |
| SB11BD | Emerg. Generator, Winding INsulation Monitor | 05 |
| SB11BE | Emerg. Generator Control | 05 |
| SB11CA | Emerg. Bus Voltage Sensing & Indication | 02 |
| SB11CB | Emerg. Bus Tie Breaker Control & Indication | 02 |
| SB11CE | Main Switchboard Inter-connevtions | 01 |
| SB11FA | Emerg. Generator Section terminal Blocks Listing | 05 |

FOR INFORMATION ONLY

Retained as supporting documentation

Lloyd's Register Marine

LR010.2.2008

EXAMINED

Lloyd's Register

This plan has been examined and given the status as shown in the Design Appraisal Document (DAD) number below:

ATS/4413149/E/001

Date: 03 June 2016 Initials: MP

Marine, Toronto Office
Electrotechnical

Lloyd's Register Canada Limited

LR001.1.2013.12

EXAMINED

Lloyd's Register Marine

EXAMINED on behalf of Transport Canada, Marine Safety for compliance with the applicable Transport Canada Marine Safety Regulations & subject to any amendments or comments stated in the supporting document(s).

Date: 3 Jun 2016 Initials: MP

Americas Technical Support
Lloyd's Register Canada, Ltd.

LR305.2.2008

Tel que mise en marche
As Commissioned

Content

| PROJECT NUMBER | | | DWG. NO. | |
|---|---|---|---|---|
| P10 - 250x - SB | | | SB00BB | 08 |
| P.B. | E.P. | 11-03-25 | SB00BC | |
| DRAWN | CHKD | DATE YY-MM-DD | CON. ON DWG. | REV. |