

## SOP-GYRE-005 Equipment Resets

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### 1.0 Introduction

This SOP describes the equipment requiring restarting and protocols to be followed in the event of vessel power loss.

### 2.0 Responsibility

The Chief Engineer is responsible for ensuring that all equipment is properly restarted on the vessel following a loss of power. The Chief Engineer will direct the engineering staff to begin restarting critical equipment first and then all equipment impacted by the loss of power on the vessel.

The bridge crew is responsible for bringing the emergency systems on the bridge back online.

### 3.0 Procedures

Should the vessel lose all power, power will need to be restored to the main 480 V switchboard first. If the vessel suffers a partial power loss, the areas impacted will need to be identified.

Once the power has been restored to the main switchboard, the following equipment will need to be restarted and/ or checked. Engineers should review start up protocols for all equipment requiring start-up to ensure that equipment is properly brought back on line.

|                           |                               |                         |              |
|---------------------------|-------------------------------|-------------------------|--------------|
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#### 4.0 Equipment

| <b>Engineering Equipment</b> | <b>Location</b>            |
|------------------------------|----------------------------|
| Fuel oil purifier            | Engine room (if running)   |
| Main A/C Units               | 02 Level Behind Bridge     |
| Water Maker                  | Engine room (if running)   |
| Oily Water Separator         | Engineer room (if running) |
| Engine Room Ventilation      | Vessel wide                |

| <b>Bridge Emergency Systems</b> | <b>Location</b>                            |
|---------------------------------|--|
| Radar                           | Bridge-wheelman station port and starboard |
| Sperry gyro system              | Bridge console                             |
| GMDSS Power Supply              | Below the GMDSS console                    |
| VSat and Sailor systems         | Port side Wheelhouse                       |

|                           |                               |                         |              |
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