

## SOP-NAUT-009 Fast Rescue Craft Launch / Recovery

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### 1.0 Introduction

The purpose of this procedure is to establish general instructions for launching and recovering the Fast Rescue Craft onboard the Nautilus.

### 2.0 Responsibility

The Master has overall responsibility and coordinates all activities in the event of the vessel needs to launch and / or recover the Fast Rescue Craft (FRC). The Fast Rescue Craft crew will mobilize at the direction of the Master in any situation that the master deems it is necessary to launch / recover the FRC.

### 3.0 Procedures

#### 3.1 Lowering Procedures

- Establish radio communications with Bridge.
- Release Lashings:
  - **(No more than two persons in the fast rescue craft while lowering)**
- Put the plug
- Remove battery charger



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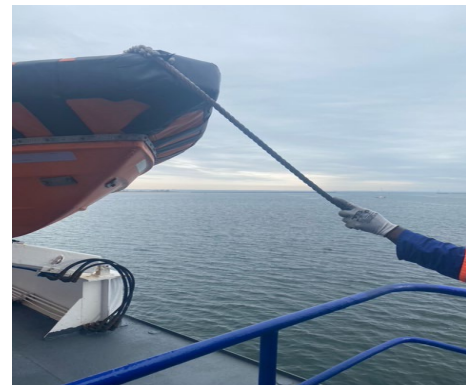


FRC plug



Battery charger

- Start HPU in Position 1 (ON)
- St'by FWD / AFT Painter line
- Lift Davit control handle to out position – Davit will begin deploying FRC



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- Use FWD / AFT Painter line to hold the FRC until touches the water
- Once the engine is started release the Hook and remove the FWD / AFT Painter line.

### 3.2 EMERGENCY Lowering Procedures

- Establish radio communications with Bridge.
- Release Lashings:
  - **(No more than two persons in the fast rescue craft while lowering)**
- Remove cotter pin from brake handle and open valve on accumulator.



Cotter Pin



Accumulator Valve

- Lift Davit control handle to out position – Davit will begin deploying FRC
- Once Davit is out lower FRC by pulling emergency lower line.



Davit Control



Emergency Lower Line

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- Once FRC is lowered into the water – release Rescue Boat from lowering cable with quick release hook.



RELEASE HOOK

### 3.3 Procedure for Recharging Accumulator

- Start HPU in Position 1 (ON)
- Recover FRC
- Close valve to Accumulator (located on Davit) and replace cotter pin brake handle.



HPU in ON



Close Valve

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- Using Davit control handle, extend Davit completely out. Hold Davit control handle up in the out position for approximately 3 seconds to assure the Accumulator is charged.
  - At this time : **Accumulator should be charged. (Verify)**
- Return Davit back (FRC) to the secured position.



Davit Control



FRC Lashing

### 3.4 Recovery of FRC

- Recover the FWD / AFT Painter line and make fast on the FRC
- Secure the Hook
- Stop the FRC engine
- Using the winch handle controller heave up the FRC until the marked position on the winch wire (use the FWD / AFT Painter line to hold the FRC)
- Using the Davit control handle return Davit back (FRC) to the secured position.
- Once the FRC is in position secure the FWD / AFT Painter line
- Secure the FRC with lashing equipment
- Remove the FRC plug
- Plug the battery charger

NOTE\* Use VHF radio and visual sings to have a good communication all the time during the process.

## 4.0 Training and Drills

As required by Flag Administration, Vanuatu, all Boat drills to include launching and recovery will be conducted on a Quarterly basis.

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