

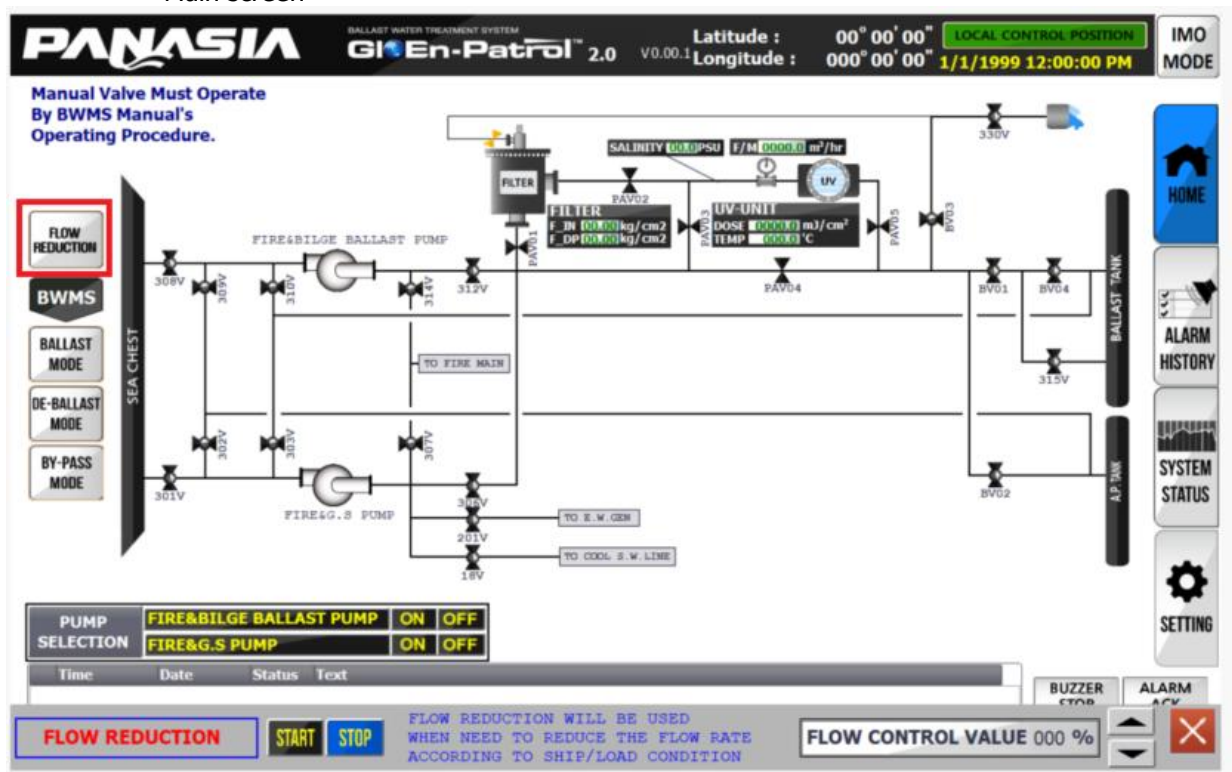
FLOW REDUCTION Function

1. Flow Reduction

This function is to increase UV DOSE by controlling the flow rate so that ballast water can stay much time in UV chamber as well as it allows the ship to make higher inlet pressure with short term of back-flushing mechanism by reducing the flowrate on muddy water condition.

2. Flow Reduction concept.

- 1) Concept
 - Ship's staff should enter a percent (%) of desire flow according to the water condition
- 2) Screen
 - Main screen



- ⇒ Operator can select the Flow Reduction by touch "Flow Reduction" button of BWTS touch monitor. Then, flow control set value appears on downside of the screen.

3) Flow Control

- The initial set value is 50% (Half control) and the operator can change the percent of desire flowrate from 35%~ 100% as per water condition manually. And 'DP set value' is changed to '0.2' from '0.45'.
- Please click the Setting page -> Password '1111111' -> Please see the filter DP SET VALUE -> CLICK

System turns to normal operating condition (100%) after completion of the each Flow Reduction ballasting/de-ballastng mode.