

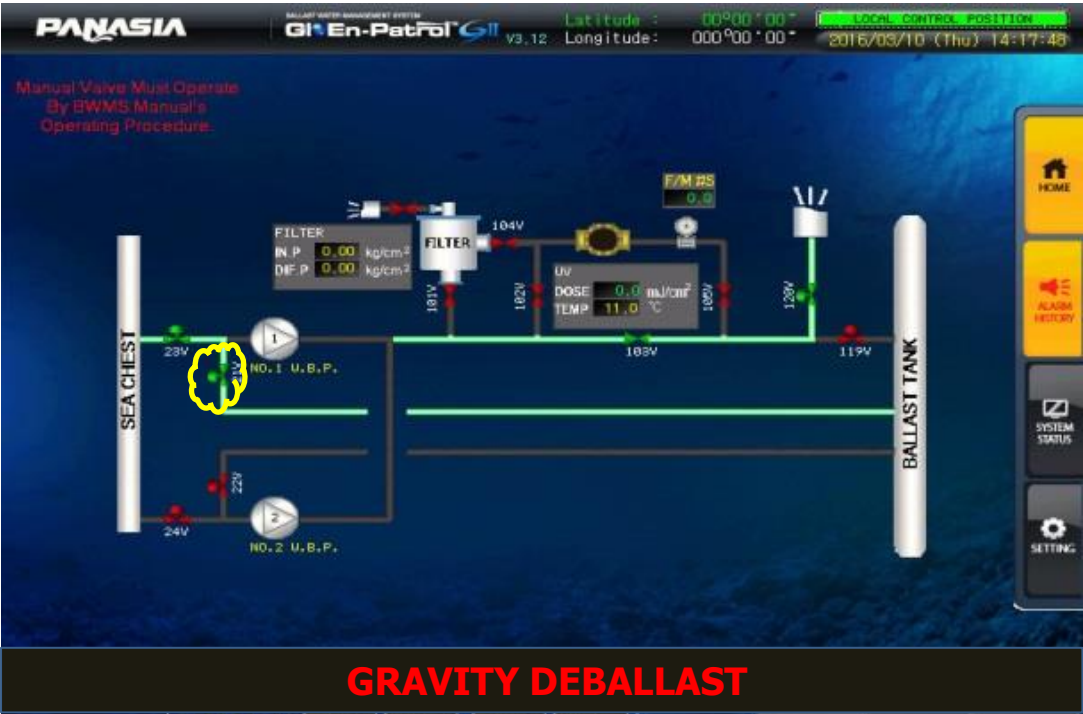
Troubleshooting for other components

IV Cause and Action for alarm/trip relating to Software & operating procedure

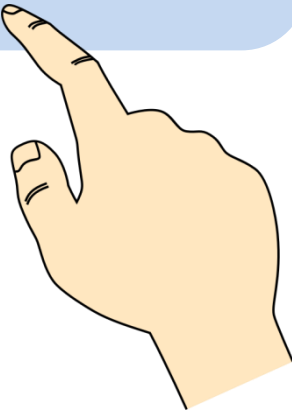
g. GRAVITY DEBALLAST

Alarm indicates that both sea chest and suction valves are opened at the same time if the Ballast pump does not work.

Cause	Description	Action	Cause	Description	Action
1	Misoperation	1	2	Malfunctioning Sea chest valve	2



Ballast water should not be transferred without using BWMS except for the emergency situation stated in the IMO rule.



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IV Cause and Action for alarm/trip relating to Software & operating procedure

g. GRAVITY DEBALLAST

Cause ① : Misoperation

Action 1

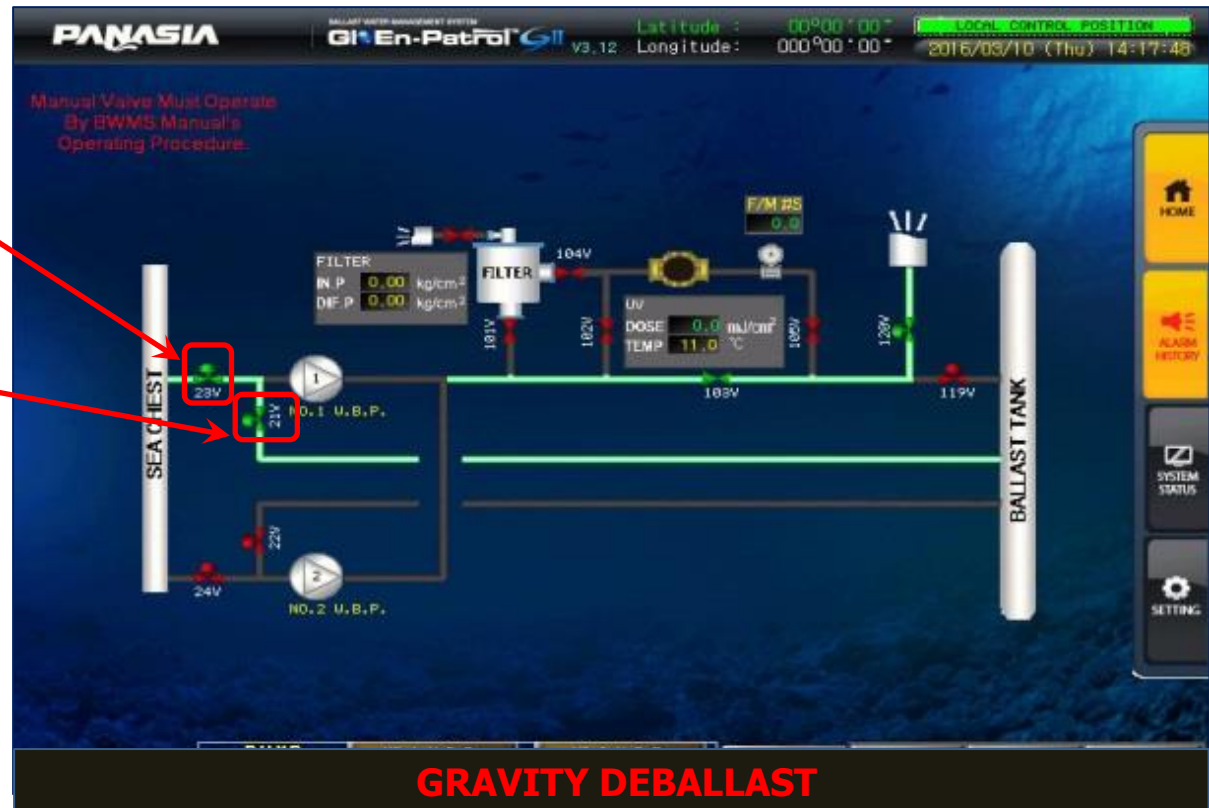
Sea chest valve

Ballast Suction valve

When Ballast pump stopped,

both Sea-chest valve and
Ballast suction valve

ballast tank should not be
opened at the same time.



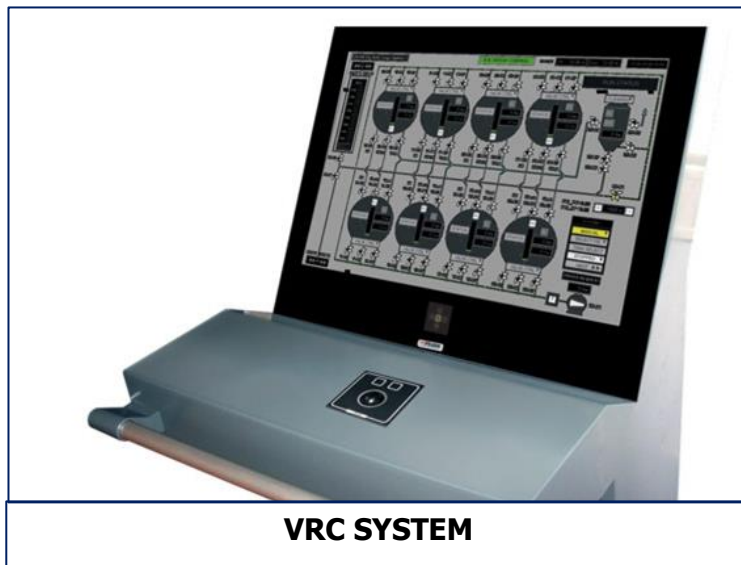
Troubleshooting for other components

IV Cause and Action for alarm/trip relating to Software & operating procedure

g. GRAVITY DEBALLAST

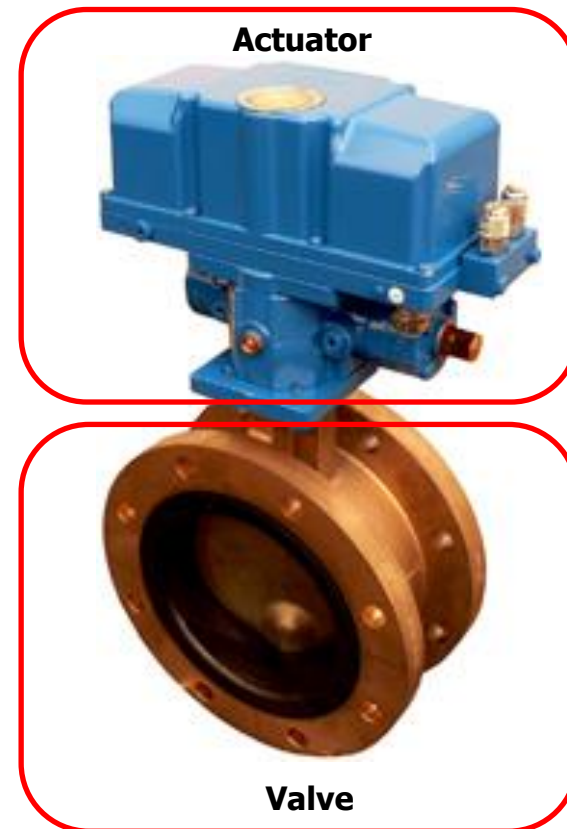
Cause ② : Malfunctioning Sea chest valve or Ballast Suction valve

Action 1



Check each valve status and output signal of the VRC system.

Action 2



Check the condition of actuator and valve