

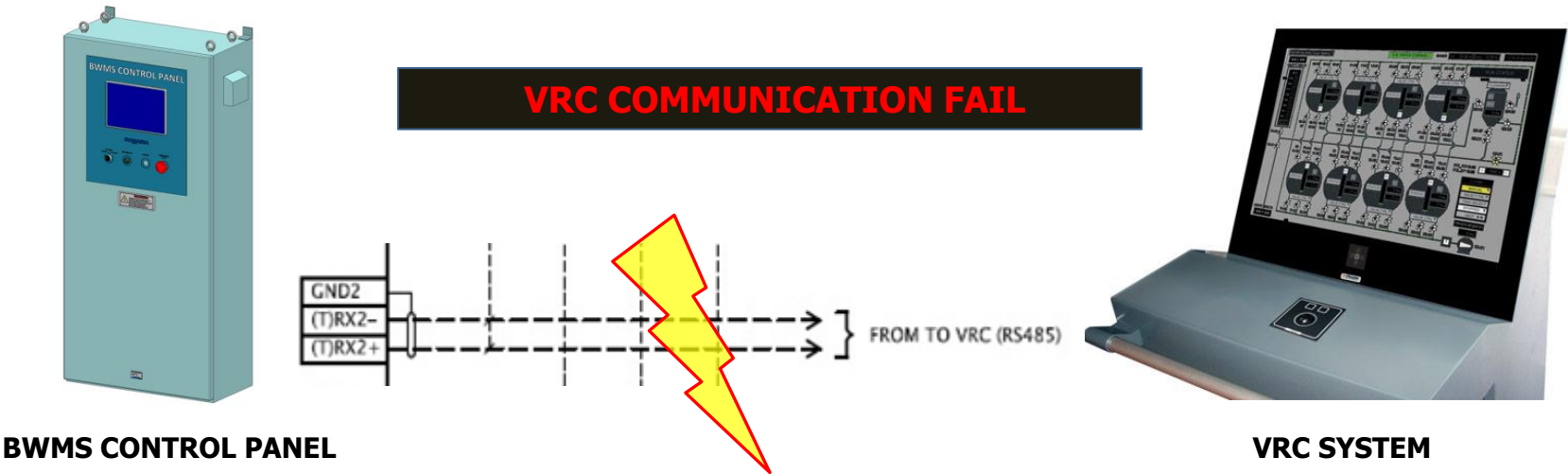
Troubleshooting for other components

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

a. VRC COMMUNICATION FAIL

Alarm indicates that BWMS(Ballast Water Management System) would not be linked with VRC (Valve Remote Control system)

Cause	Description	Action	Cause	Description	Action
1	Loss of signal	2	2	Failure of the communication module	1



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

a. VRC COMMUNICATION FAIL

Cause ① : Loss of signal

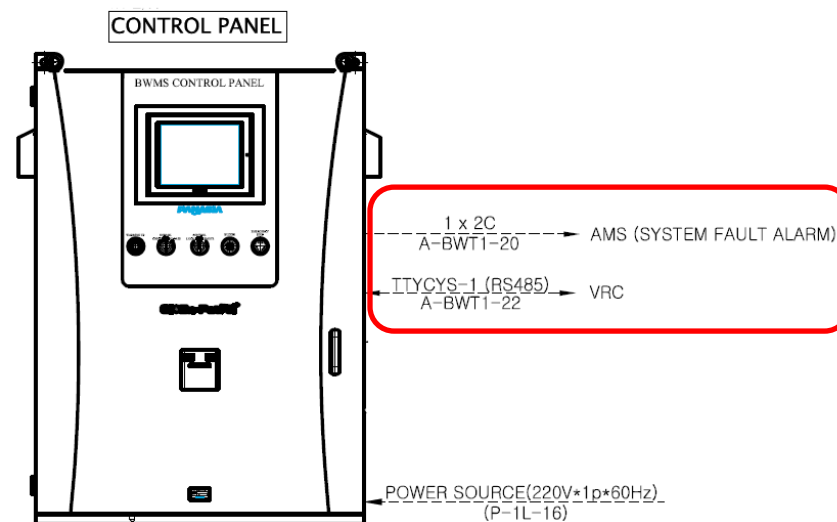
Action 1

VRC SYSTEM



Check VRC or/and AMS turned on

Action 2



Check the all cables securely connected

Troubleshooting for other components

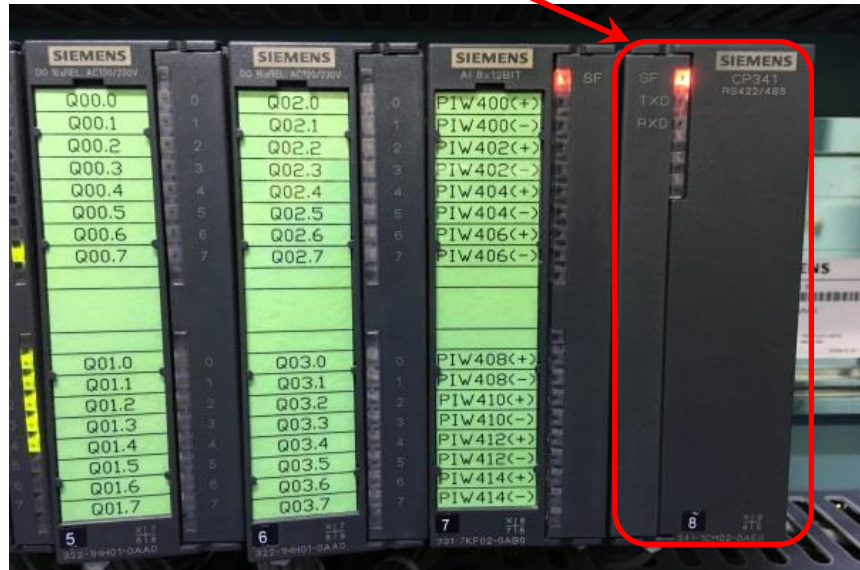
IV Cause and Action for alarm/trip relating to Software & operating procedure

a. VRC COMMUNICATION FAIL

Cause ② : Failure of the communication module



BWMS CONTROL PANEL



VRC communication module (RS422/485)

Action 1

Verify that the working condition of communication module in the BWMS control panel.
If necessary, replace it with new one.