



Vessel : Morbihan	Defect ID : 63	NCR # : 18/2022	Is NCR ? : Yes
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Defect Details

During maneuvering time, bow thruster control was unable to transfer from Main console to Port wing console. However, vessel maneuvering carried out from main console.
After maneuvering Following troubleshooting carried out,
1.All terminal checked. – Found In good order.
2.All supply voltage for port console checked. – Found In good order.
3.Port console operating lever pot meter resistance compare to Main console and STBD console. Found Port controller have 387 ohm and main and STBD controller have 465 & 463 ohm at lever in midship.
4.When lever is moved to either side (PORT or STBD), resistance is not changing. Conclusion – Due big difference in resistance from port to Main console, control was not shifting as interlock was activated.
5.Port console controller removed from place and dismantled found that the driving mechanism cannot rotate pot meter shaft. We have tried to tight more the driving mechanism to pot meter shaft with its fixing screw, but found a lot resistance variance coming from the pot meter when the driving mechanism is moved and pot meter not returning to the same value when in mid ship position.
6.As vessel almost always is using port side alongside, as a temporary solution we have swapped STBD Wing controller which is working in good condition to PS Wing.
7.Currently STBD console bow thruster control lever is out of order.
For you reference please find attached picture.

Requisition Code : MORB-SDK-V220230

Categories

Primary :	Dk Machinery	Inspector - Internal :		Vessel Dept :	Electrical
Secondary :	Deck Equipment	Inspector External :		Office Dept :	Technical
		Inspection Date :			

Applicable Dates

Date Raised : 10-Nov-2022	ETC : 15-Dec-2022	Date Completed : 13-Dec-2022
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Other Details

Priority : Normal	Assigned By : Vessel	Verified By : Nawin Khaware
Display in Daily Meeting? : No	SFI :	Verified On : 11/Aug/2023

Causes

Failure of Equipment

Corrective Action

Replacement of the defective equipment.

Preventive Action

Spare Controller to be kept onboard.

Applicable Tags

Job Factors

Wear and Tear (Not Related to Lack of Maintenance)

Follow Up

On	By	Follow Up	
01/Dec/2022	Nawin Khaware	What is the current status of this NC. Kindly upload relevant docs/records to verify and close out the reports.	

Before & After Pictures

Before	After
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