RADAR FAILURE

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Both Radars Failure
ACTION (NOT NECESSARILY IN ORDER)
Call master
Post additional lookout
Inform engine room
Stop engine or reduce speed to assess the situation or proceed at safe speed
Increase the bridge manning level as per the prevailing condition
Alert vessels in the vicinity
Check traffic and avoid close quarter situation
Man engine room and keep M.E. standby in high traffic areas / restricted waters
Assess the visibility and check weather forecast
Check proximity of navigational hazards
Make analysis of the situation taking into account visibility, traffic situation, weather forecast and navigational hazards
Maintain situational awareness
Monitor the vessels in the ECDIS using AIS interface
Carry out manual plotting of the targets by visual bearings and cross checking AIS information as applicable
Alter course away from the dangers / traffic as applicable complying with the COLREGS
Keep anchor party stand by if vessel is in anchoring depths
Consider anchoring or deviating to safe waters as per prevailing circumstances
Verify GPS position in ECDIS by visual means, echo sounder depth
Amend criteria for calling Master due to radar failure in standing/night orders



RADAR FAILURE

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Inform office
Inform Port Authority / VTIS / Pilot as applicable
Carry out trouble shooting and basic recovery procedure as per makers instructions
Inform company the cause of failure, defect identified
Company to arrange remote trouble shooting and repair from the authorized/contracted service provider
Exchange parts from one radar to other if required to make one Radar operational
Company to arrange technician for repair as required at next port of call

<u>Note</u>: In case of single radar failure, above actions as applicable are required. A risk assessment is to be conducted for sailing with one radar operational for taking additional mitigating measures.

In both cases, office will arrange Dispensation letter from flag state.