

सम्मिश्र जांच दल/ Composite Trials Team
द्वारा नेवी कार्यालय/ c/o Navy Office
मुख्यालय/ Headquarter
अन्डमान एवं निकोबार कमान/
Andaman & Nicobar Command
पोर्ट ब्लेयर/ Port Blair - 744 102

CTT/300/11/03/TECH

20 Jan 23

The Commander - in - Chief
{for CTO(Marine)/ SSO(Refit)}
Headquarters
Andaman & Nicobar Command
Port Blair – 744 102

STAFF SEA CHECKS STAGE - I (INS CORADIVH)

1. Refer to ANCO (Tech) chapter 5 {Art 0508(a)} regarding Post Refit Trials.
2. Updated Staff Sea Checks Stage – I report as on 20 Jan 23 is forwarded herewith as **Enclosure.**

G. Jagannath

(जगन्नाथ गुरुमूर्ति /Jagannath Gurumurthy)
लेफ्टिनेंट कमांडर / Lieutenant Commander
प्रभारी अधिकारी/ Officer-in-Charge(AOL)

Copy to:-

The Commodore Superintendent
{for DGM (Refit)}
Naval Ship Repair Yard
c/o Navy Office
Port Blair – 744 102

The Naval Component Commander
{for SSO(Tech)}
c/o Navy Office
Andaman & Nicobar Command
Port Blair – 744 102

The Commanding Officer
INS Cora Divh
c/o Navy Office
Port Blair-744 102

SSC-I REPORT– INS CORA DIVH
REPORT BY CTT (Pbr) – AS ON 20 JAN 23

Status of Machinery Equipment:-

| Ser. | Machinery/ Equipment | Cold checks completed | | Sat/Unsat/ Sub-Optimal | Remarks |
|------|----------------------------------|--------------------------|----|---------------------------|--|
| | | Yes | No | | |
| 1. | Stbd Main Engine | √ | | SAT(WITH OBS) | Cold and Hot SDC from 27-28 Dec 22. GB LO pressure low alarm operated at 0.2 bar instead of 0.3 bar. |
| 2. | Port Main Engine | √ | | SAT(WITH OBS) | Cold and Hot SDC on 27-28 Dec 22. Following observed: - (a) GB LO pressure low alarm operated at 0.2 bar instead of 0.3 bar. (b) Push button of 'ready for operation' in LOP Non Ops. |
| 3. | Centre Main Engine | √ | | SAT(WITH OBS) | Cold and Hot SDC on 27-28 Dec 22. Following observed: - (a) GB LO pressure low alarm operated at 0.2 bar instead of 0.3 bar. (b) Visual alarm Non Ops. |
| 4. | Diesel Alternator (Stbd) (80 kW) | √ | | UNSAT | Hot SDC on 10 Nov 22 and Load trial on 27 Dec 22. Following observed: - (a) Engine free end axial & vertical and engine driven end horizontal vibration UNSAT . (b) Calibration certificate not available for meters in SWBD. |
| | Diesel Alternator (Port) (80 kW) | √ | | UNSAT | Cold SDC carried out on 03 Nov 22 and Hot SDC on 21 Nov 22 & Load trial on 08 Jan 23. Following observed: - (a) Engine free end vertical and engine driven end horizontal vibration UNSAT . (b) Calibration certificate not available for meters in SWBD. |

| Ser. | Machinery/ Equipment | Cold checks completed | | Sat/Unsat/ Sub-Optimal | Remarks |
|------|------------------------------------|--------------------------|----|---------------------------|---|
| | | Yes | No | | |
| 5. | Diesel Alternator (Centre) (80 kW) | √ | | SAT (WITH OBS) | SDC carried out on 05 Dec 22 and load trial on 12 Dec 22. Following observed: - (a) Emergency stop push button cover not held. (b) Attenuation checks across two mounts at 100% load UNSAT. (c) Minor sea water leakage observed from sea water pump. (d) Calibration certificate not available for meters in SWBD. |
| 6. | AC Plant No.1 | √ | | SAT(WITH OBS) | SDC carried out on 28 Nov 22. Following observed: - (a) Calibration certificate of instrumentation not held. (b) Sea water pump safety guard not fitted. (c) Condenser relief valve calibration certificate of both ACs not held. |
| 7. | AC Plant No.2 | √ | | | |
| 8. | HP Air compressor Port | | √ | | Not offered by SS. |
| 9. | HP Air compressor Stbd | | √ | | Not offered by SS. |
| 10. | RO plant | | √ | | Not offered by SS. |
| 11. | Fire Main pump No.1 & 2 | | √ | | Not offered by SS. |
| 12. | Salvage Pump No 1 & 2 | | √ | | Not offered by SS. |
| 13. | Bilge Pump No 1 | | √ | | Not offered by SS. |
| 14. | Fresh water pump no. 1&2 | | √ | | Not offered by SS. |
| 15. | Dirty oil transfer pump | | √ | | Not offered by SS. |
| 16. | Fuel oil transfer pump | | √ | | Not offered by SS. |

| | <u>Equipment</u> | <u>completed</u> | | <u>Sub-Optimal</u> | |
|-----|---------------------------|------------------|-----------|--------------------|--|
| | | <u>Yes</u> | <u>No</u> | | |
| 17. | Fuel centrifuge no. 1 & 2 | | √ | | Not offered by SS. |
| 18. | Misc. observation | - | - | | Inter cooler line of HP air compressor not secured. |
| 19. | Basin trial | - | - | | <p>Basin trial of all three Main Engines conducted on 04 Jan 23. Following observed: -</p> <p>(a) Exhaust flap position indication of SME non-ops, sensor defective.</p> <p>(b) Minor lub oil leakage from lub oil filter of CME.</p> <p>(c) Corrosion on auxiliary system pipelines of all three MEs.</p> <p>(d) Stbd shaft plummer block temperature indication non-ops.</p> <p>(e) Sea Water leakage from thermometer of Fresh Water of cooler discharge line of PME.</p> |