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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

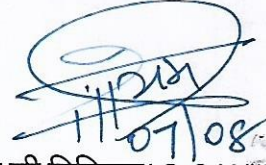
CTT/300/04/05/TECH

01 अगस्त २३ / Aug 23

प्रधान सेनापति/ The Commander-in-Chief
{कृते वरिष्ठ कर्मचारी अधिकारी (मरम्मत)/ for SSO(Refit)}
मुख्यालय नौसेना खण्ड/ Headquarters Naval Component
द्वारा नौसेना कार्यालय/ c/o Navy Office
पोर्ट ब्लेयर ७४४१०२/ Port Blair – 744 102

STATUS OF OBSERVATIONS
MATERIEL READINESS REPORT – INS KULISH

1. Refer to HQANC Fax ANC/42444/DR/S dated 03 Aug 23.
2. Statuses of observations are placed at Enclosure.



(एस सी विलियम/ S C William)
कमांडर/ Commander
प्रभारी अधिकारी/ Officer-in-Charge

Encl: - As above

Copy to: -

प्रधान सेनापति/ The Commander-in-Chief
{कृते कमान तकनीकी अधिकारी (समुद्री)/ for CTO(Marine)}
मुख्यालय/ Headquarters
अन्डमान एवं निकोबार कमान/ Andaman and Nicobar Command
द्वारा नौसेना कार्यालय/ c/o Navy Office
पोर्ट ब्लेयर ७४४ १०२/ Port Blair 744 102

नौसेना खण्ड सेनापति/ The Naval Component Commander
{कृते वरिष्ठ कर्मचारी अधिकारी (यांत्रिकी)/ for SSO(Tech)}
मुख्यालय नौसेना खण्ड/ Headquarters Naval Component
द्वारा नौसेना कार्यालय/ c/o Navy Office
पोर्ट ब्लेयर ७४४१०२/ Port Blair – 744 102

कमान अधिकारी/ The Commanding Officer
भा. नौ. पो. कुलिश/ INS KULISH
द्वारा नौसेना कार्यालय/ c/o Navy Office
पोर्ट ब्लेयर - ७४४ १०२/ Port Blair - 744 102

STATUS OF DGNATAA OBSERVATIONS

Ser.	Equipment / system	Observation	Present status / pending observations	CTT remarks
1.	Main propulsion system	RPM gauge in LCP was observed to be erratic and needs to be rectified on priority other observations brought vide CTT (Pbr) letter CTT/300/04/05/Tech dated 03 Dec 22 are also required to be liquidated.	Liquidated	<p>Pending observations on SME</p> <p>(a) Lub oil leakage from A3 & A9 rocker arm head cover.</p> <p>(b) Fuel leakage from return line</p> <p>(c) Exhaust temp failure continuously activated in SCC panel.</p> <p>(d) Crankcase pressure gauge not working.</p> <p>Pending observations on PME</p> <p>(a) Lub oil leakage from A3 & B1 rocker arm head cover.</p> <p>(b) Fuel leakage from return line</p> <p>(c) Gearbox bearing no 3 temp gauge not working.</p> <p>(d) Crankcase pressure gauge not working.</p>
2.	BME Pre-heating pump	Non-OPS	Fitment completed. CTT(Pbr) trials completed on 03 Aug 23. Report awaited. EDC 05 Aug 23.	Trial taken. Found SAT

3.	AC Plants	Trials of Port AC need to be offered on priority	Completed	Completed. MTU Report held.
4.	Ref Plants	Heat load trials of ref plants to be offered to CTT (Pbr) and all pending observations brought out by CTT (Pbr) to be liquidated on priority.	Completed	Heat load trial report not held. Observations vide CTT letter liquidated.
5.	HPACs	<p><u>HPAC 1</u></p> <p>(a) Capacity achieved 21.6 m³/hr. against 25 m³/hr.</p> <p>(b) 3rd stage safety relief valve operated at 200 kg/cm² as against 245 m³/hr.</p> <p>(c) 2nd stage pressure gauge not working.</p> <p><u>HPAC 2</u></p> <p>(a) No routine undertaken view of non – availability of spares. Running hour extension trials sat.</p>	<p>(a) All leaks rectified. Best capacity (21.6 m³/hr.)</p> <p>(b) Calibrated at 245m³/hr.</p> <p>(c) Liquidated. New gauge fitted.</p>	<p>(a) MTU report Held.</p> <p>(b) Completed.</p> <p>(c) Completed</p>
6.	Steering and stabilizer system	Minor oil leakage from Stbd oil tank QD coupling.	Completed	Liquidated

7.	Balance pumps	AVCAT transfer pumps(01 Nos)- Suction Gauge not working	Liquidated, new gauge fitted.	Liquidated
8.	Ships System	Tank level sensor of fuel tank No.02, 04, 06 and 07 were non ops. Capacity trial of FOT pump were non ops. Capacity trial of FOT pump were undertaken up to 9.58 TPH against designed	Completed FOT pump capacity achieved as 15 TPH during trial conducted by MTU(V)	Completed. MTU Report held.
9.	AVCAT	<p>The trial observation on AVCAT system are as follows: -</p> <p>(a) Minor leakages from suction side fangs of AVCAT transfer pump.</p> <p>(b) Colour coding of system pipelines not undertaken.</p> <p>(c) Minor leakage from service tank filling valve.</p> <p>(d) Helo deck refuelling pipe declared BER.</p>	<p>AVCAT System observation: -</p> <p>(a) Liquidated</p> <p>(b) Completed</p> <p>(c) Liquidated</p> <p>(d) New hose issued from MO(V).</p>	All observations checked. Completed

10.	RO Plant and DP plant	Discharge rate 10 m ³ /hr against designed rate 15 m ³ /hr during capacity trials of DPs.	Capacity achieved 10 m ³ /hr at par with capacity trials undertaken post MR -17.	Authority / waiver not held.
11.	AC and Ref Plant motors	Trials of Ref motors pending.	Completed.	Completed. ND(V) report held.
12.	Electric Motors	Trials of AC compressor motor (P) pending.	Completed.	Liquidated.
13.	DB/Fuse Panels, ACOS and HCOS	03 HCOS handle broken.	Completed.	Liquidated.
14.	Battery Banks	Battery hygiene to be enhanced.	Completed.	Liquidated.
15.	AEIs/ General Lighting/ Machinery space lighting	(i) AEIs Fitment of 07 AEIs pending. (ii) General lighting & Machinery space lighting fitment of LED lights pending.	Completed.	Liquidated.
16.	NLCP	Aft anchor light and Stern light are non-ops.	Completed. All lights operational.	Liquidated.
17.	Domestic Machinery and Cathelco	Following anodes of Cathelco system fully consumed. (i) FP no 2 & 3 (ii) RO Plant (iii) Stbd AC (iv) Centre DA (v) Port DP SW pump (vi) Stbd Main Engine	Completed. New anodes fitted.	Cannot be verified as all anodes are underwater.