

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

CTT/300/04/05/TECH

03 Jan 23

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

INTEGRATED LOAD TRIAL OF DAs - INS KULISH (NR 22)

1. Refer to NATAA fax NATAA/300/TRIAL PROTOCOL dated 07 Mar 22.
2. Post Refit Trials of PDA, SDA, CDA and ADA onboard INS Kulish, including SDCs, performance, vibration, attenuation checks and electrical trials were undertaken. Detailed integrated trials report is placed at **Enclosure**.
3. The summary of trials is enumerated below: -

Ser	Description	Status			
		PDA	SDA	CDA	AFT
(a)	Overall Status	SAT	SAT	SAT	SAT
(b)	Prime Mover (SDCs, Performance and Instrumentation trials)	SAT	SAT	SAT	SAT
(c)	Alternator (Insulation, SPM, Instrumentation, Speed and Voltage control tests)	SAT	SAT	SAT	SAT
(d)	Vibration	SAT	SAT	SAT	SAT
(e)	Attenuation / SV Mounts and Foundation	SAT	SAT	SAT	SAT
(f)	Coupling	SAT	SAT	SAT	SAT
(g)	Balancing	SAT	SAT	SAT	SAT
(h)	Alignment	SAT	SAT	SAT	SAT
(j)	Paralleling	SAT	SAT	SAT	SAT

4. **Critical Observations (Prime Mover).**

- (a) **PDA:-** Attenuation checks across one mount at 60% found **UNSAT**
- (b) **SDA: -** Nil

(c) CDA: -

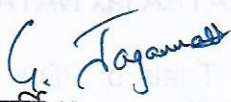
- (i) Vacuum indicator of right bank not fitted.
- (ii) Attenuation checks across two mounts at 60% load and four mounts at 100% load **UNSAT**.
- (iii) Lub oil leakage from Right bank tappet cover (broken).

(d) ADA: -

- (i) Expansion tank low level sensor not available.
- (ii) Attenuation checks across two mounts at 60% load and four mounts at 100% load **UNSAT**.

5. Critical Observations (Alternator). Nil.

6. Recommendations. PDA, SDA, CDA and ADA are cleared for exploitation up to 100% load post liquidation of critical observations indicated at Para 4 above.


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

Encl:- as above

Copy to: -

Director General
(for Director)
Naval Trials and Acceptance Authority
c/o Fleet Mail Office
Mumbai - 400 001

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 Kulish
c/o Navy Office
Port Blair-744 102