

Dte of Marine Engineering  
Integrated Headquarters  
Ministry of Defense (Navy)  
New Delhi - 110 011

EG/3361/DSL/01

10 Mar 23

The Flag Officer Commanding-in-Chief  
(for CEO)  
Headquarters, Eastern Naval Command  
Visakhapatnam - 530 014

The Flag Officer Commanding-in-Chief  
(for CEO)  
Headquarters, Southern Naval Command  
Kochi - 682 004

The Flag Officer Commanding-in-Chief  
(for CEO)  
Headquarters, Western Naval Command  
Mumbai - 400 023

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

**ADVISORY – CONDUCT OF FULL POWER TRIALS OF ISVs AND FICs**

1. Refer to the following:-

- (a) IHQ MoD (N)/ DME letter EG/3007/DSL dated 29 Jan 20.
- (b) IHQ MoD (N)/ DME Fax Message EG/3361/DSL/01 dated 21 Nov 18, 05 Dec 18 and 18 Nov 19.

2. In the recent past, below par performance in terms of max speed achieved during FPTs/ OSTs despite the main engines of ISVs and FICs achieving the rated RPM have been reported.

3. Guidelines for exploitation of propulsion plants and conduct of FPTs *iro* these ships have been promulgated/ re-iterated vide correspondences at Para 1 *ibid*. This letter intends to re-emphasise the operational aspects *wrt* ISVs and FICs. The hull of these ships is specifically designed to achieve high speed through reduced hull frictional resistance at design displacement and trim conditions. By the very nature of their design, these ships are therefore sensitive to minor deviations in displacement, trim conditions and hull fouling.

Wt/Dr Kapil - Scan & dispatch to NATIA & AN TUs.




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4. The conditions to be met for undertaking FPT for ISVs and FICs are being re-iterated as follows:-

- (a) Trials to be undertaken at DATs displacement (by adjusting variable loads whilst factoring safety and stability of the ship).
- (b) Trials to be undertaken in open waters at sea state 1 only.
- (c) Hull, Water Jets etc of these ships are to be free of marine growth and fouling.
- (d) Underwater hull cleaning to be undertaken 15 days prior to conduct of FPT.

5. In view of the above, it is requested that FPT of ISVs and FICs be undertaken with compliance of above conditions.

  
(Vinay G Ankalg)  
Captain  
Captain (Marine Engg)

**Copy to:-**

The Director  
Naval Trials & Acceptance Authority  
c/o Fleet Mail Office  
Mumbai - 400 001

**Internal:-** ACOM (D&R) ✓ DGNATAA

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