MUMBAI PORT TRUST

Survey Vessel

SANSHODHINEE : **T**he vessel has been made available to Mumbai Port Trust under the co-operation programme between the Government of India and the Government of Netherlands with regard to the Project 'Upgrading Hydrographic Survey and Dredge Control Capabilities (USDP). The vessel built in the Netherlands has steel hull and is equipped with 'State-of-the-Art' navigation and survey equipment for carrying out hydrographic surveys in the harbour. The dimensions of the vessel are:

Length	16.30 M	Breadth	4.60 M
Depth	2.35 M	Twin Screw	
G.R.T.	40	N.R.T.	12
Propulsion Power (2 Engines) - 284 KW			

The cost of the vessel is about Rs.4.50 crore.

Survey Equipments:

The approx. cost of equipment is Rs. 1 crore.

The system enables carrying out of surveys to ensure precise and quick sea bed soundings and mapping. The data thus generated is used for dredging activities and for facilitating safer navigation in the harbour.

Survey Equipments provided on the vessel include

- Differential Global Positioning System (DGPS),
- Echosounder,
- Radio tide gauge,
- Side scan sonar,
- Heave compensator,
- Current metre,
- Sound velocity probe,
- Computer for recording the digital data collected,
- A3 size plotter,
- Soil survey equipments *etc.*