

SAGAR KANYA



Cruise Report

SK - 239

Period : 23.09.2007 to 01.10.2007

***NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH
Ministry of Earth Sciences
(Government of India)
Headland Sada, Vasco-Da-Gama,
Goa-403804, India***

CRUISE SK – 239

- **Embarkation** : **23.09.2007** : **Goa**
- **Disembarkation** : **01.10.2007** : **Mumbai**

PATICIPANTS:

NIOT

1. Mr. R. Roopan Aunamalai - *Chief Scientist*
2. Mr. P. Selvakumar - Scientist B *Dy. Chief Scientist*
3. Mr. M. Arul Muthiah - Scientist B
4. Mr. V. M. Baskaran - Project Engineer
5. Mr. S. Elango - Project Engineer
6. Mr. Mani Adhiyaman - Seaman
7. Mr. Robert
8. Mr. Pasalikumar
9. Mr. Rock Peller
10. Mr. Michael Edison
11. Mr. Antony Prabakalar

➤ **Objective:**

1. **Deployment of two new Tsunami buoy systems at TB 11 and TB 12 locations.**
2. **Retrieval of three databuoys at SW2 and MB1 locations.**
3. **A coring operation at 20° Lat. for NCAOR.**

- 23.09.2007 1900 hrs signed on
2100 hrs. Scientists boarded the vessel items loaded
23.30 hs. Ship casted off
- 24.09.2007 1000 hrs. assembly of TB 11 and TB 12 harbour started
- 26.09.2007 1000 hrs. reached TB 11 site, conducted preliminary bottom survey using sub bottom & SBES.

- 1220 hrs. TB 11 surface buoy deployed
1655 hrs. TB 11 BPR dropped/Released
- 27.07.2009 0400 hrs. reached TB 12 site
0600 hrs. preliminary survey carried out
0800 hrs. TB 12 surface buoy dropped
1300 hrs. Problem observed in surface buoy.
- 28.09.2007 0800 hrs. surface buoy lifted again
1200 hrs. buoy repaired & dropped back
1630 hrs. TB 12 & BP R dropped stated moving towards MBI site
- 29.09.2007 0530 hrs. reached MBI site, buoy not found
0800 hrs. reached coring site 20^o lat.
1100 hrs. started proceeding to SW 2 location
- 30.09.2007 1200 hrs.-1415 hrs. retrieved two in numbers of SW2 buoys
1450 hrs. started sailing towards Mumbai
- 01.10.2007 Reached off Mumbai (anchorage)
- 02.10.2007 Reached Mumbai harbour
- 03.10.2007 Signed off

NIOT team records their sincere thanks and appreciation to NCAOR, Master, Officers and Crew of Sagar Kanya for their outstanding support in all agents to meet the objective of the cruise.

R. Roopan Aunamalai
Scientist C
Chief Scientist
ORV SAGAR KANYA