

CRUISE SK – 232 B

Embarkation : 26.03.2007 : Goa

Disembarkation : 31.03.2007 : Goa

- ◆ *Objectives* : *Multidisciplinary data collecting testing of new equipments and training to university students.*
- *Area* : *Two zonal transects along 16° N and 15° N respectively upto more than 3500 m.*

PARTICIPANTS:

1. Dr. N. Anilkumar (NCAOR) - *Chief Scientist*
2. Dr. V. N. Nayak - *Dy. Chief Scientist*
3. Dr. Shailesh M. Pednekar
4. Ms. Celsa Margeret N. Almeida
5. Mr. Quarshi Anayat Ahmad
6. Mr. Sulaksha Achirya
7. Mr. Gopal Dorugade
8. Ms. Veena Kavlekar
9. Mr. Shramik Patil
10. Mr. Santhosh Nulgeri
11. Ms. Shashi Singh
12. Mr. Cajy Silva
13. Ms. Tara Lawrence
14. Mr. Jay Krishnan K. R.
15. Mr. Anilkumar Lalji Patel
16. Mr. Mukundkumar Babulal Chavan
17. Mr. Avertono Callistus Luis
18. Mr. Tnangavel Jesvanthraj
19. Mr. V Narayan Nayak

26.03.2007 Ship started sailing from Goa at 1715 hrs. A meeting is held at the saloon regarding the requirement of each participant and the data collection along the cruise track.

- 27.03.2007 New portable CTD was operated at 15° 57' N, 72° 32'E. Grab sample was collected. Total depth of the station was 350 m. CTD operated upto 300 m station locations along the 16° N transect was fixed at 45 Nautical mile distance.
Portable CTD and multiple plankton net were operated at 15° 59 N, 71° 44'. Total depth of the station was 2030 m.
- 28.03.2007 MPN and Portable CTD were operated at 16° N 70°58' E. Depth of the station was 2638 m. Ship heeled to the next station. Station IV is reached at 0900 hrs. depth 3767m. Portable CTD and multiple plankton net were operated. Station location 16° N 70° 10.8' E. PCTD operated upto 2500 m.
- 29.03.2007 MPN and portable CTD were operated at 14° 56.8' N, 70° 10.8' E. DCTD operated upto 2500 m.
- 29.03.2007 MPN and portable CTD were operated at 14° 56.8' N, 70° 9.36' E
Two portable CTDs were tested at the following locations. Only one CTD was lowered at one location. Station locations 15° N 70° 56' E, 15° N 71° 41 E.
Plankton net was operated at 14° 57' 70° 9.36' E, 15°N 70° 56' E.
- 30.03.2007 Portable CTD was operated at 15° N 72° 26.2' E. The depth of the station was 600 m. Station arrived at 1000 hrs. Grab sample was collected at the next station. Station position 15° N 73° 13.8 E, depth – 102 m. Sample was collected at 0630 hrs. Since the station was too shallow to operate (testing) portable CTD hence it is not operated. Gravity corer was operated at 14° 59' N 72° 54' E. Length of the core was 4.2 m. Portable CTD also operated at this station since the station depth was 264 m.

All the students participated in the expedition got training for using the equipments operated in this cruise.

Ship reached Goa Port at 17.5 hrs..

N. Anilkumar
Chief Scientist
ORV SAGAR KANYA