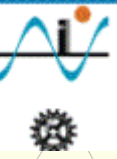


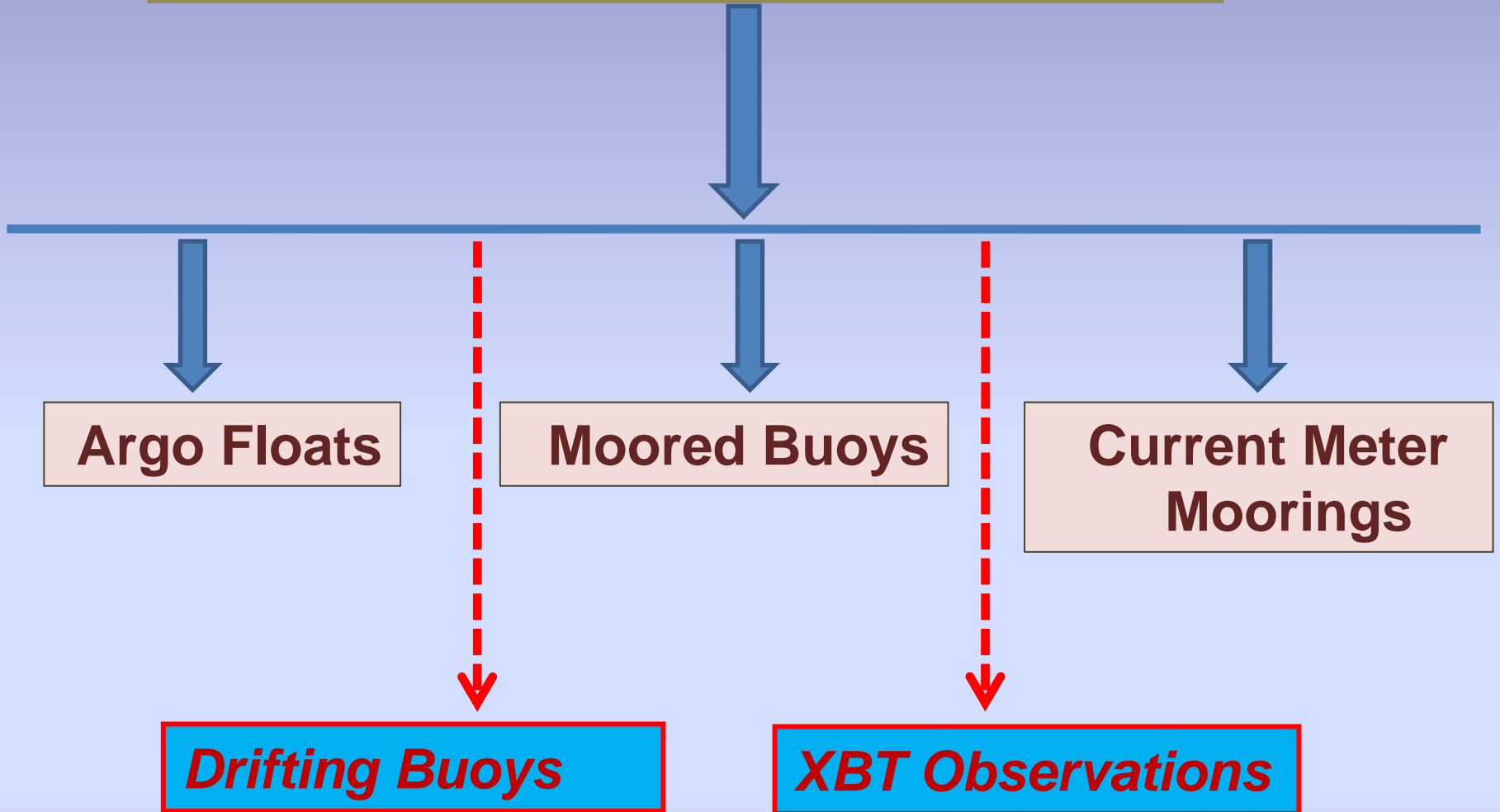
Indian XBT Program



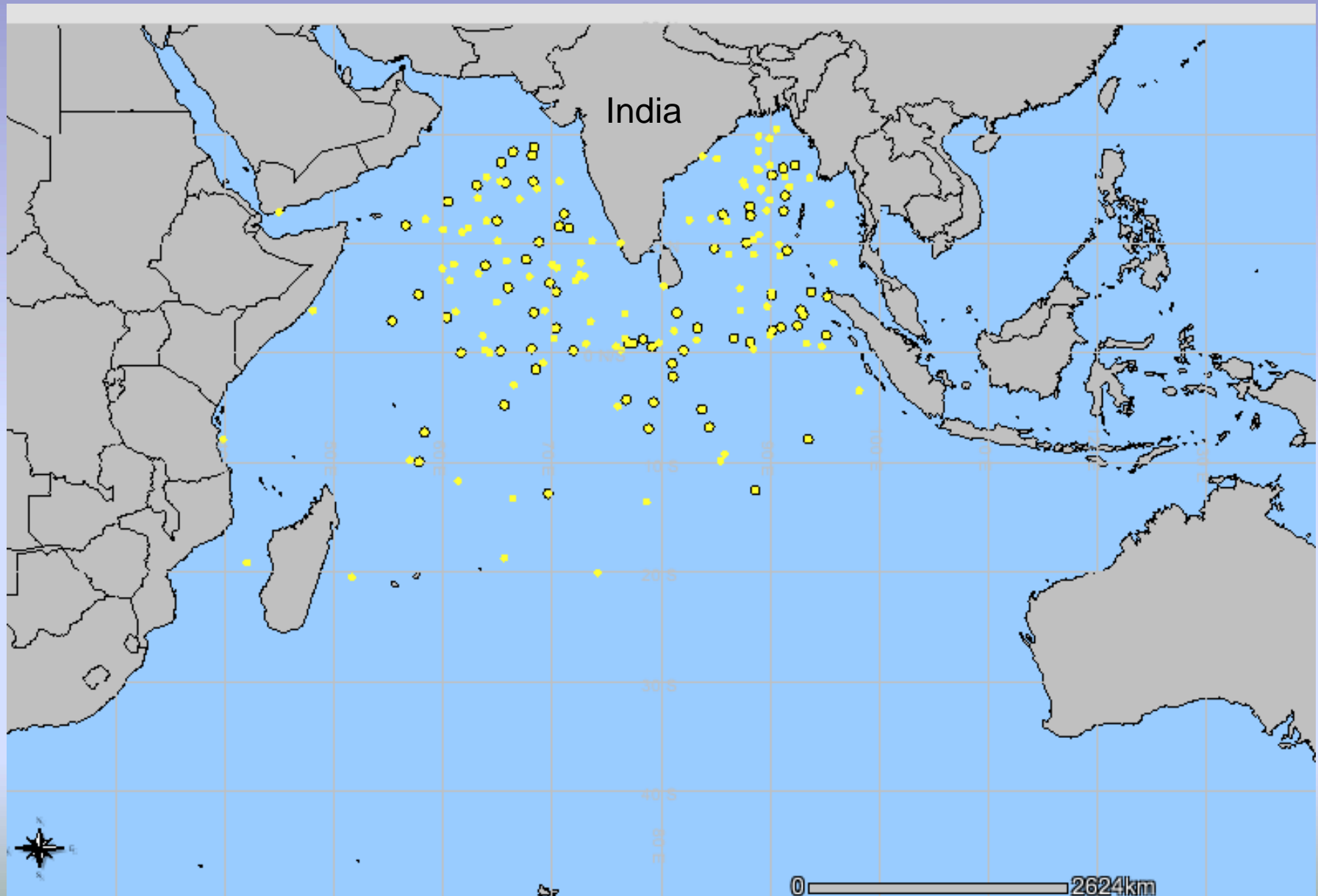
Dr. V. V. GopalaKrishna
Principal Investigator
National Institute of Oceanography
Goa - 403004
India



Ocean Observing Systems



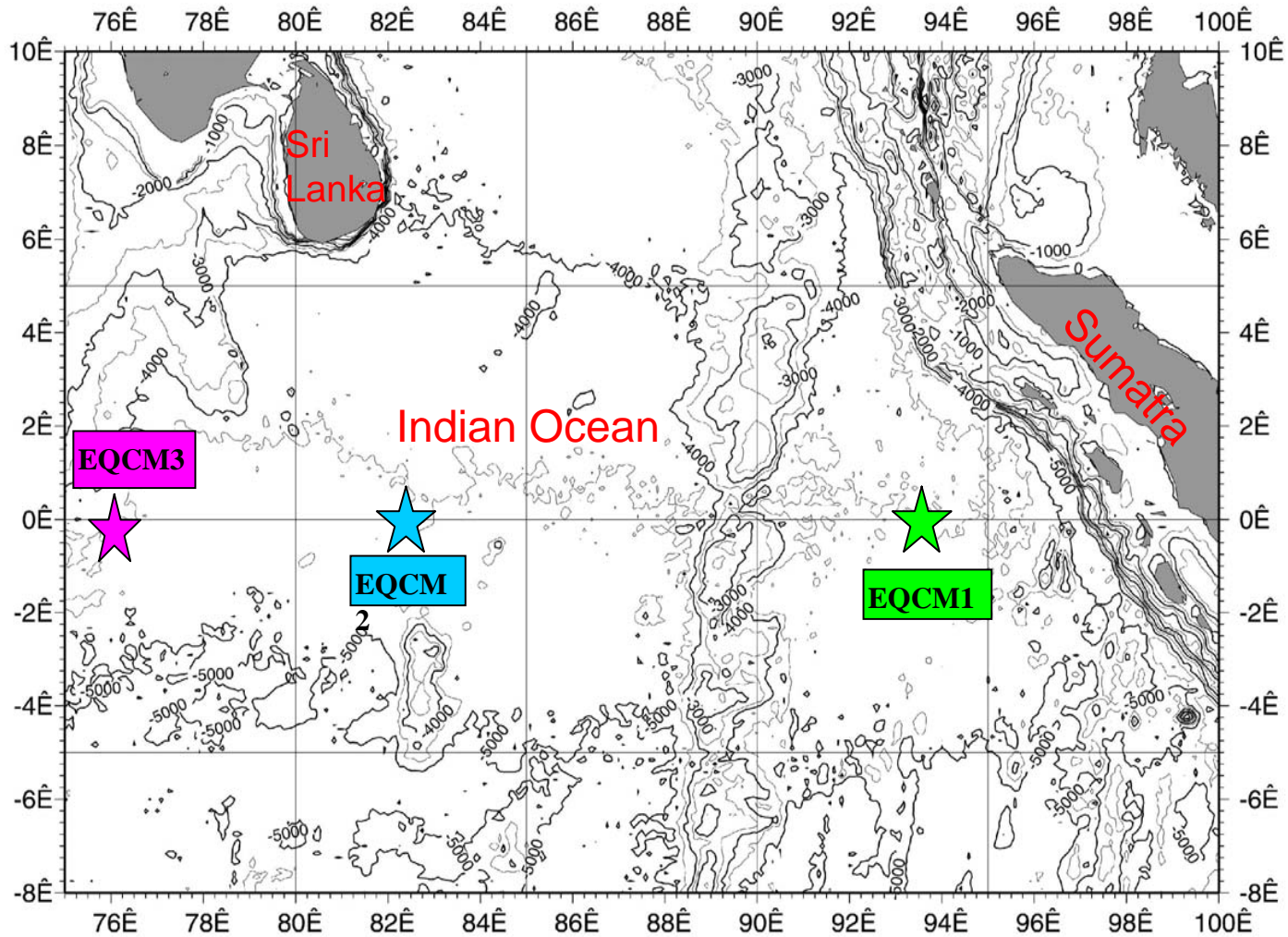
Active Indian ARGO floats



Buoy Locations

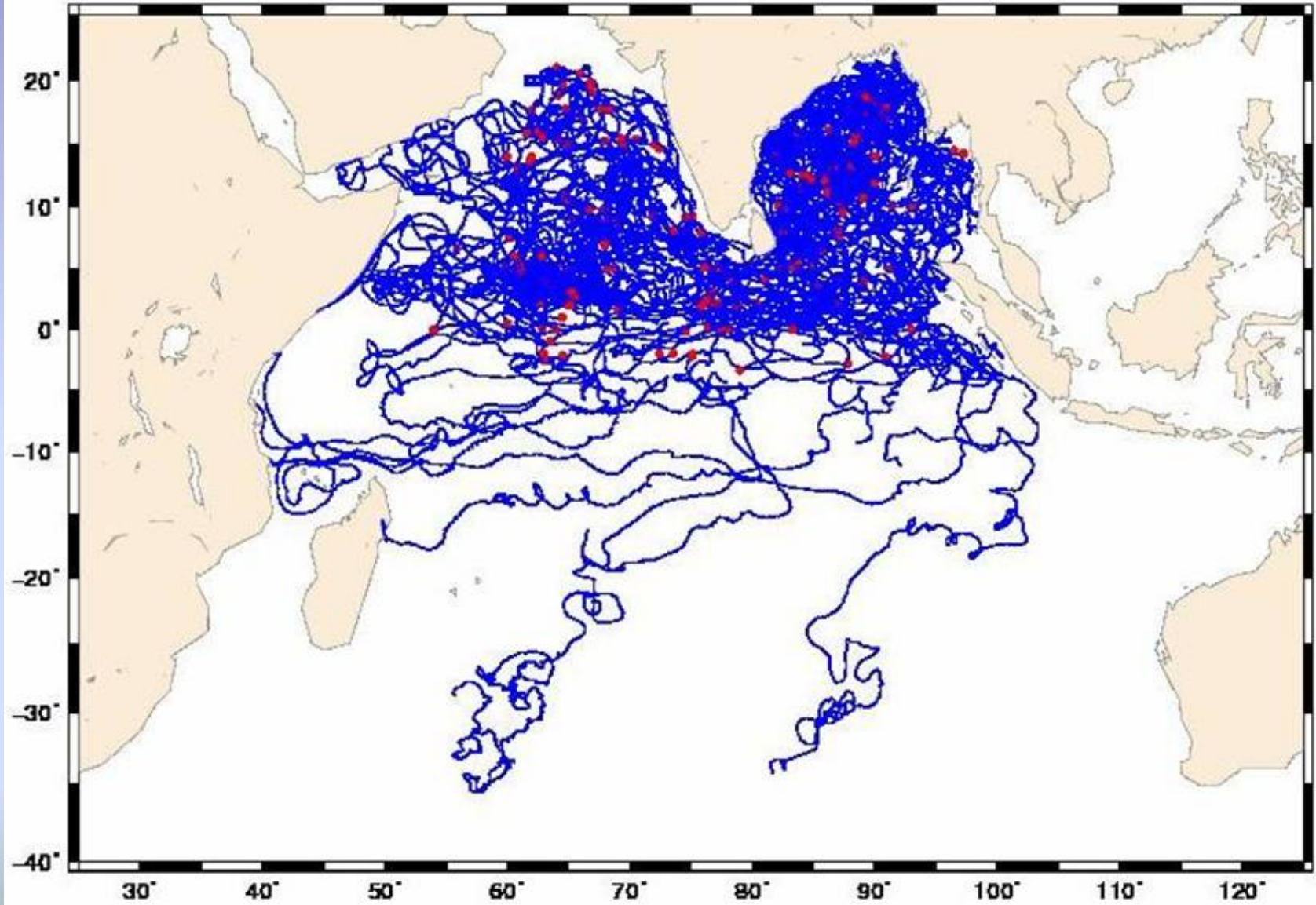


Current Meters Locations

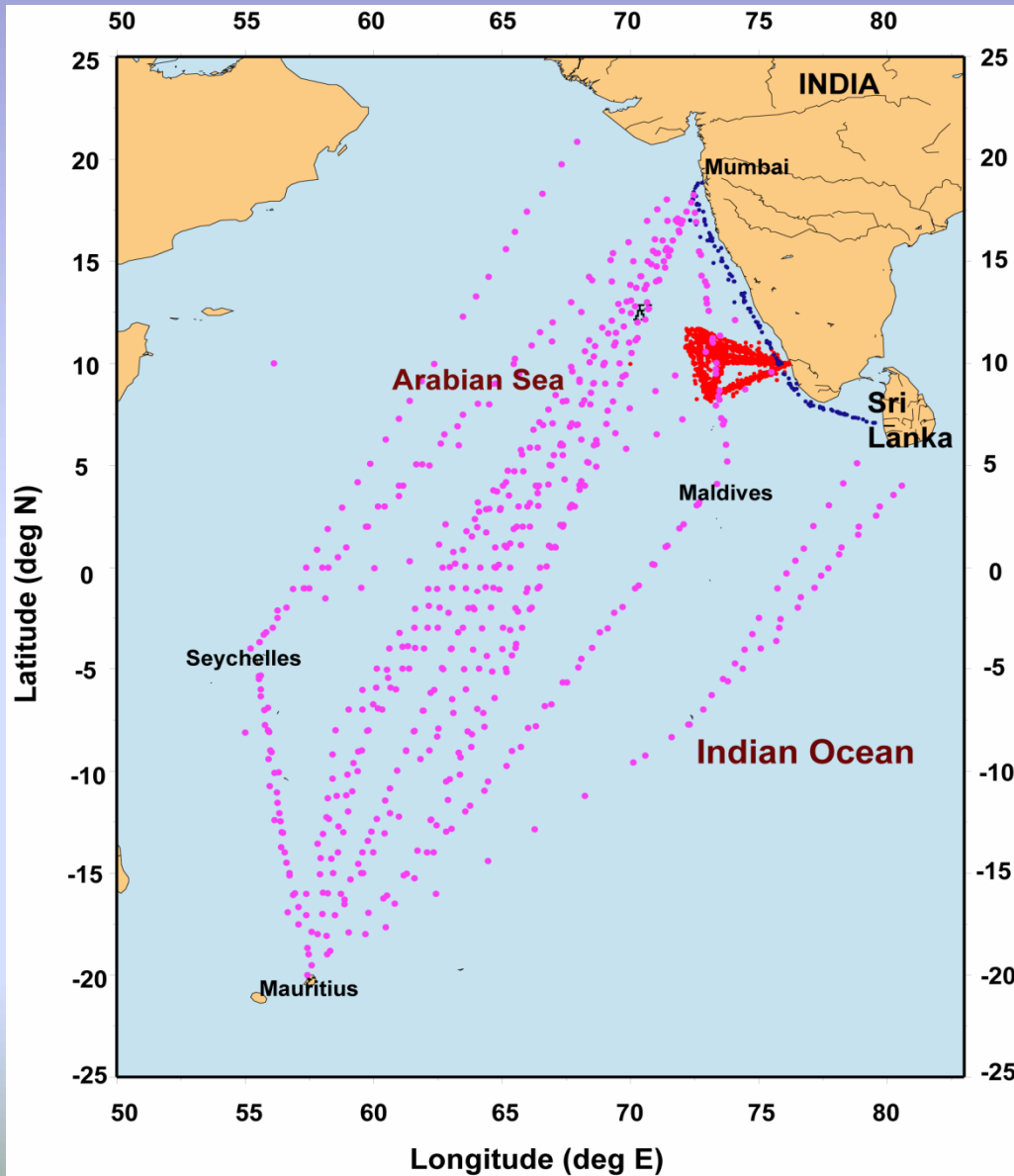


GMT 2004 Nov 24 17:37:32 kamesh-Jm0.9-contour_int=500m

Active Buoys deployed since October 1991



XBT Transects in the Arabian Sea & Western Indian Ocean

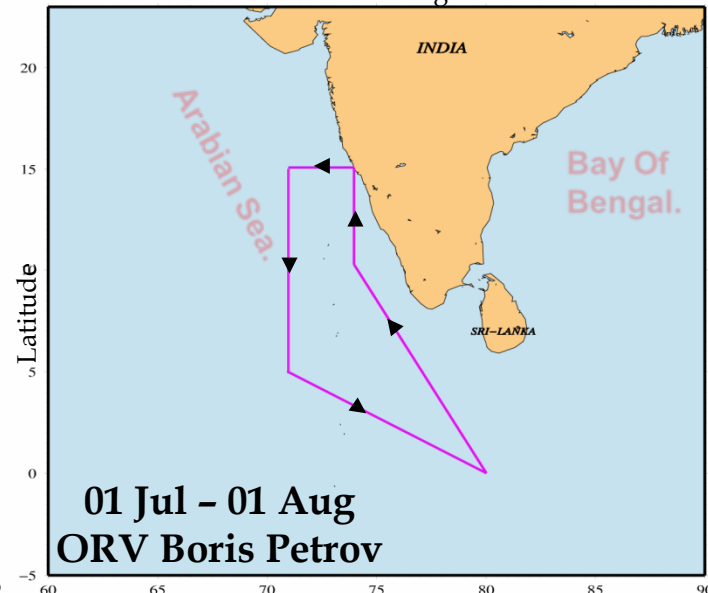
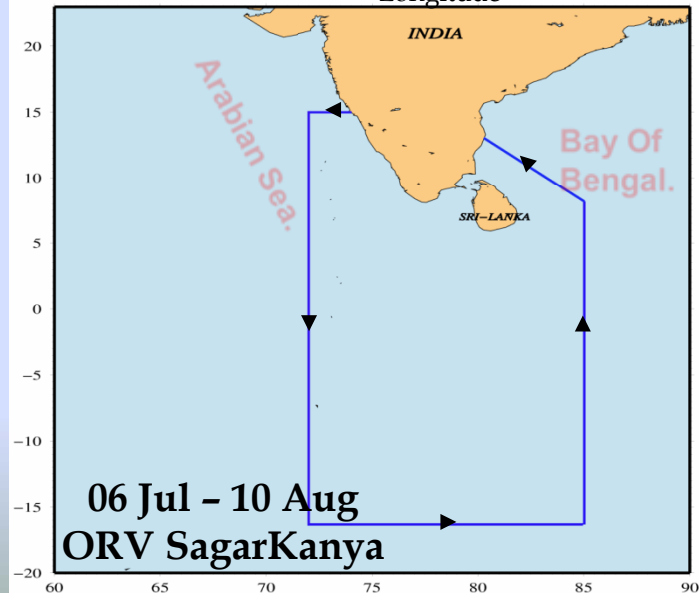
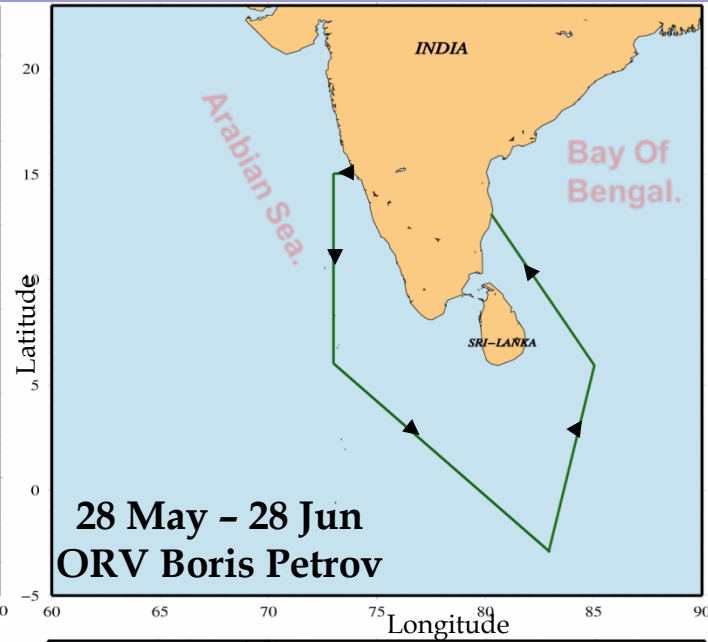
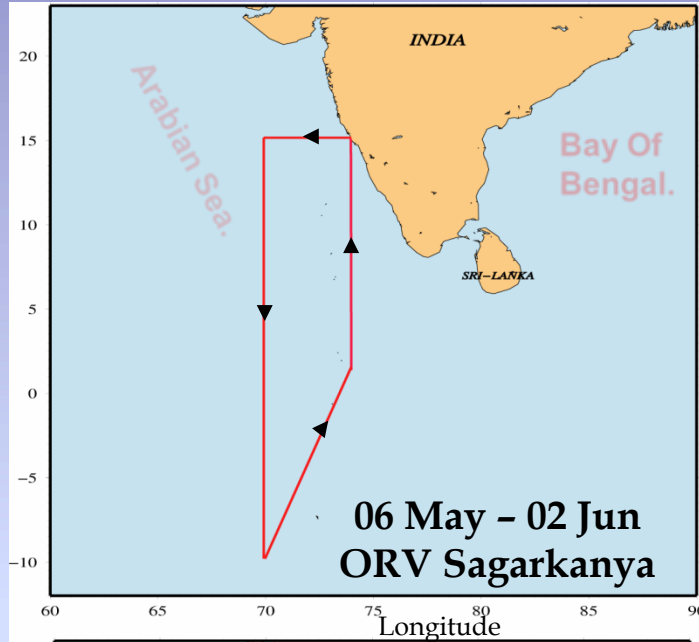


**Bombay-Mauritius (IX - 8)
1992 - 2000**

**Bombay - Colombo
2002 - 2004**

**South Eastern Arabian Sea
2002 - Ongoing (at Fortnightly
intervals)**

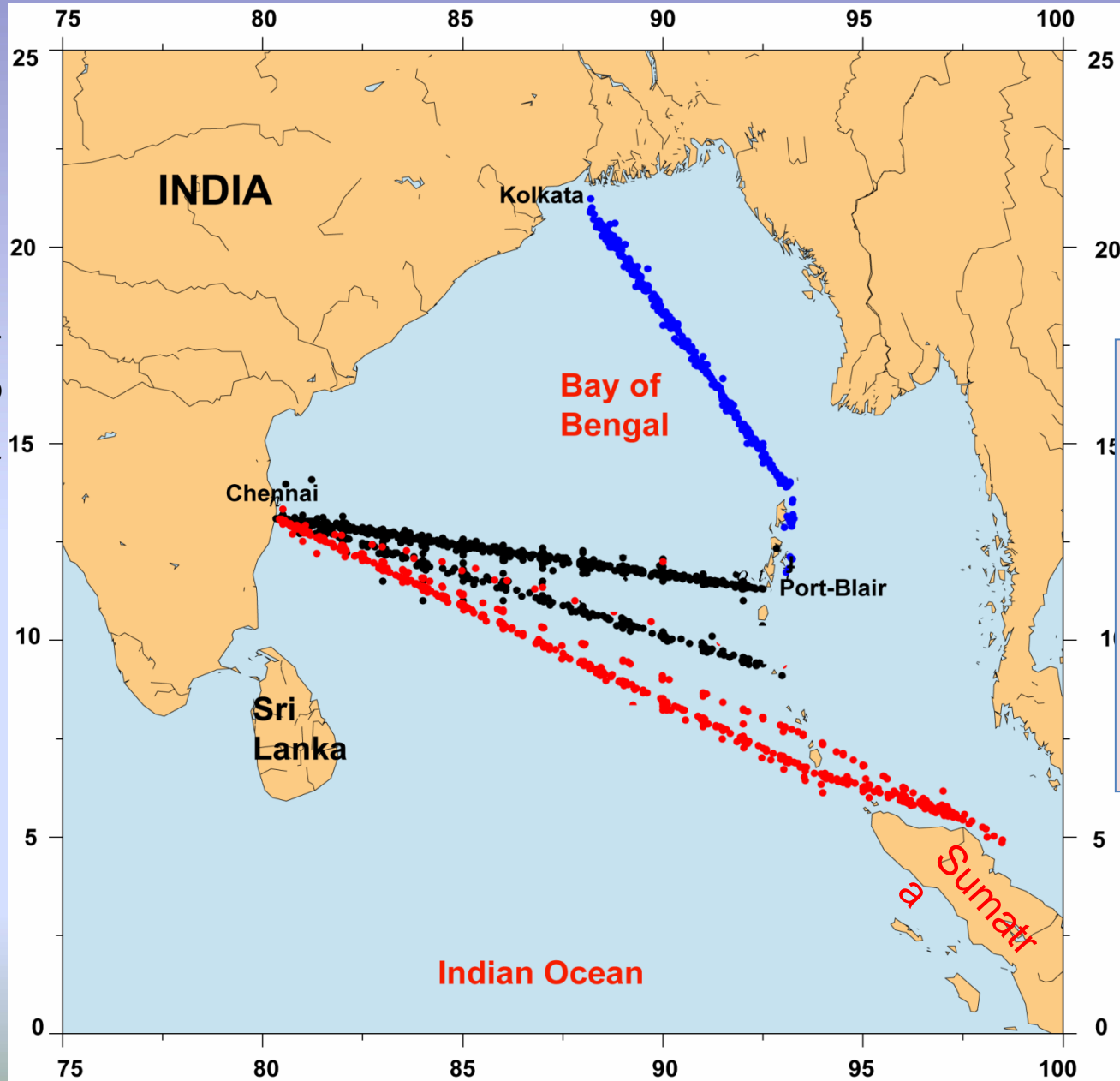
Planned XBT transects in the Indian Ocean during 2009



XBT Transects in the Bay of Bengal



Latitude (Deg E)



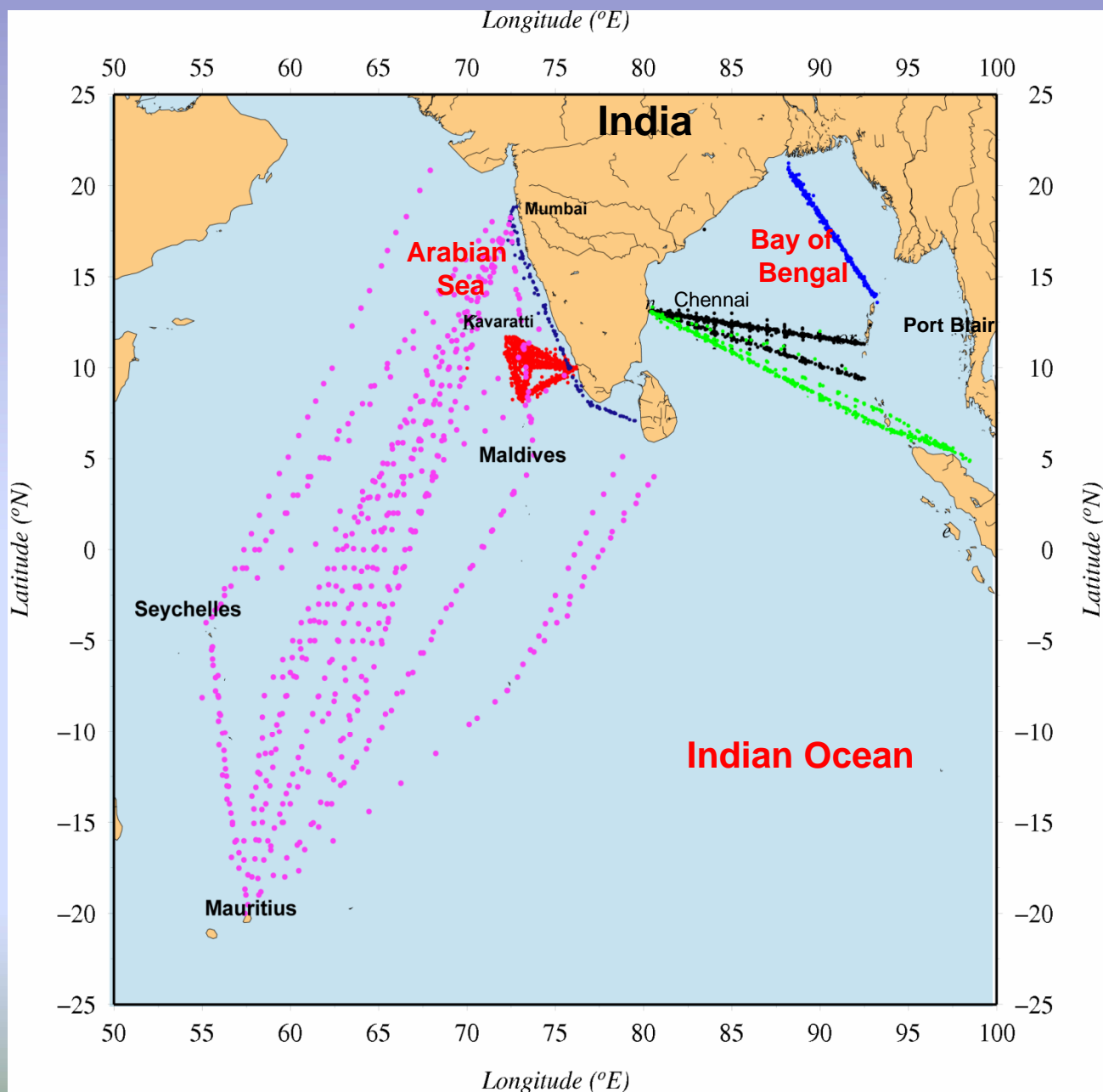
Chennai – Port Blair (IX-14)
1990 – Ongoing

Port Blair - Kolkata
1990 – Ongoing

Chennai - Singapore
2002 - 2006

Longitude (Deg E)

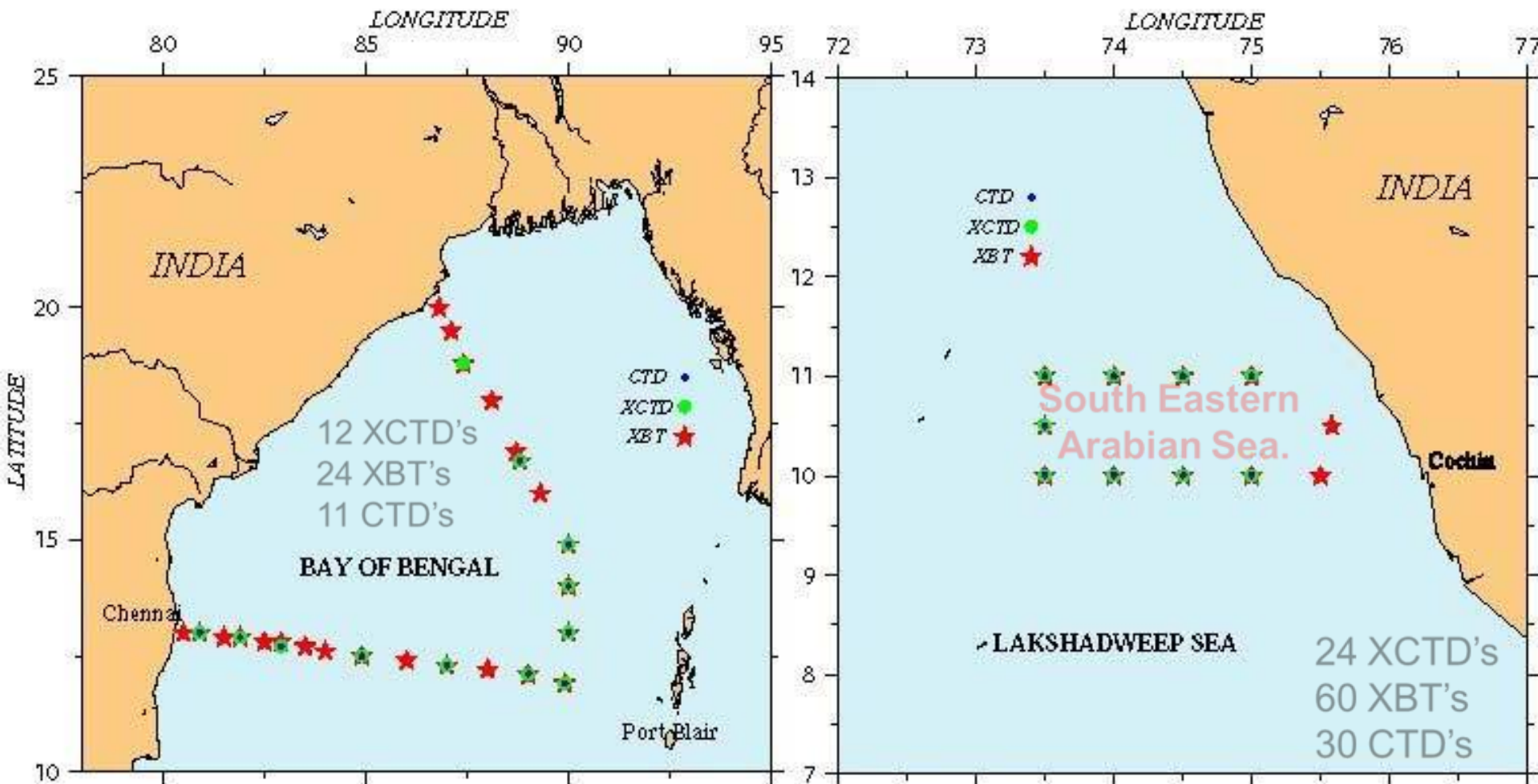
Composite Map of XBT transects in the Seas around India



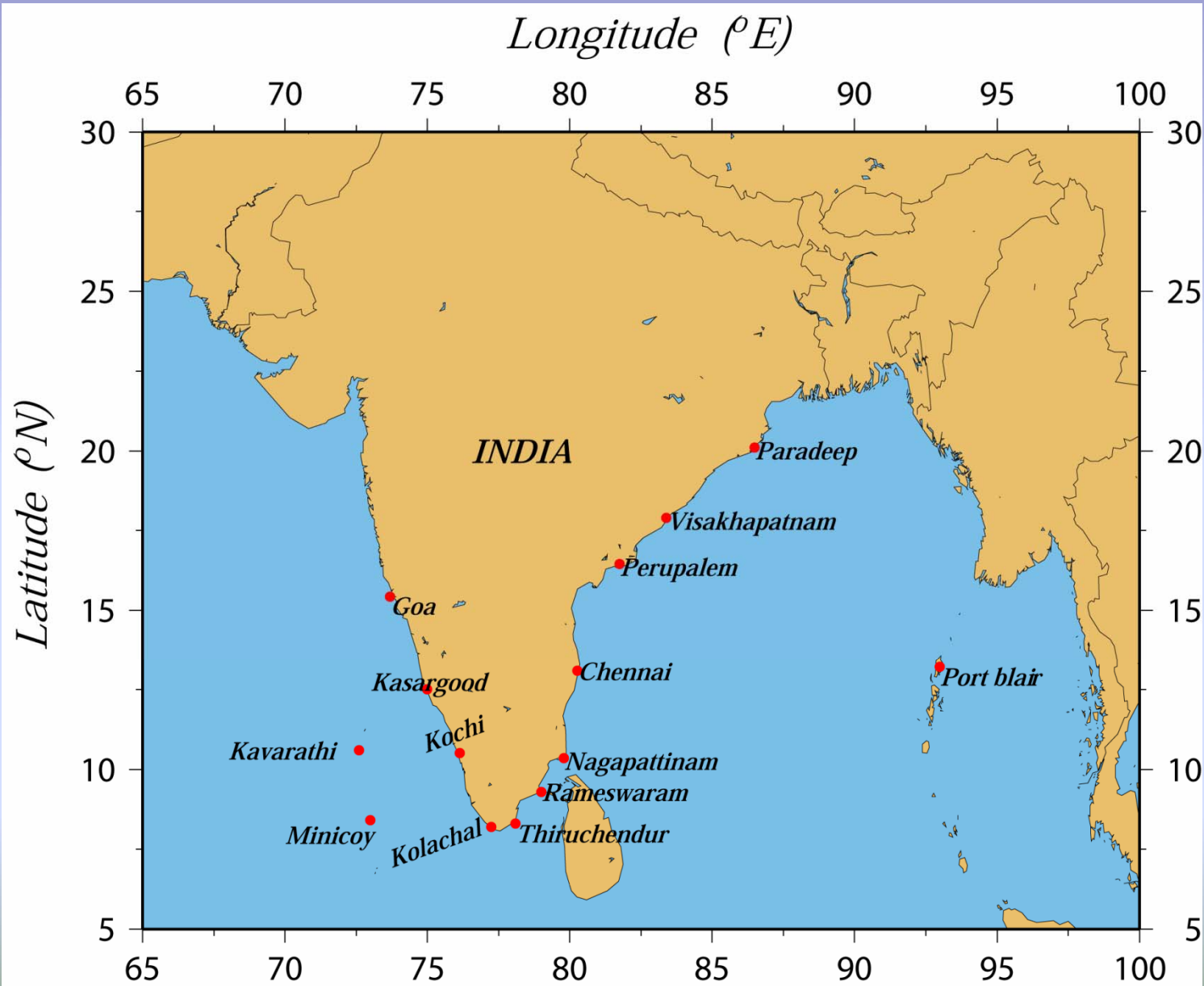
XBT/XCTD/CTD Simultaneous Deployments (Collaborative work with Tim Boyer, NODC, USA)

SAGAR KANYA
(10 – 21 Oct 2008)

SAGAR SHUKTI
(01 – 05 Dec 2008 & 01-05 Apr 2009)



Weekly Sea Surface Salinity measurements around the Indian Coast



A tropical beach scene featuring a large, leaning palm tree in the foreground. The tree's trunk is thick and textured, and its fronds are lush green. The background shows a clear blue sky, a turquoise ocean with white waves, and a sandy beach. The text "THANK YOU" is overlaid in the center-left of the image.

THANK YOU