



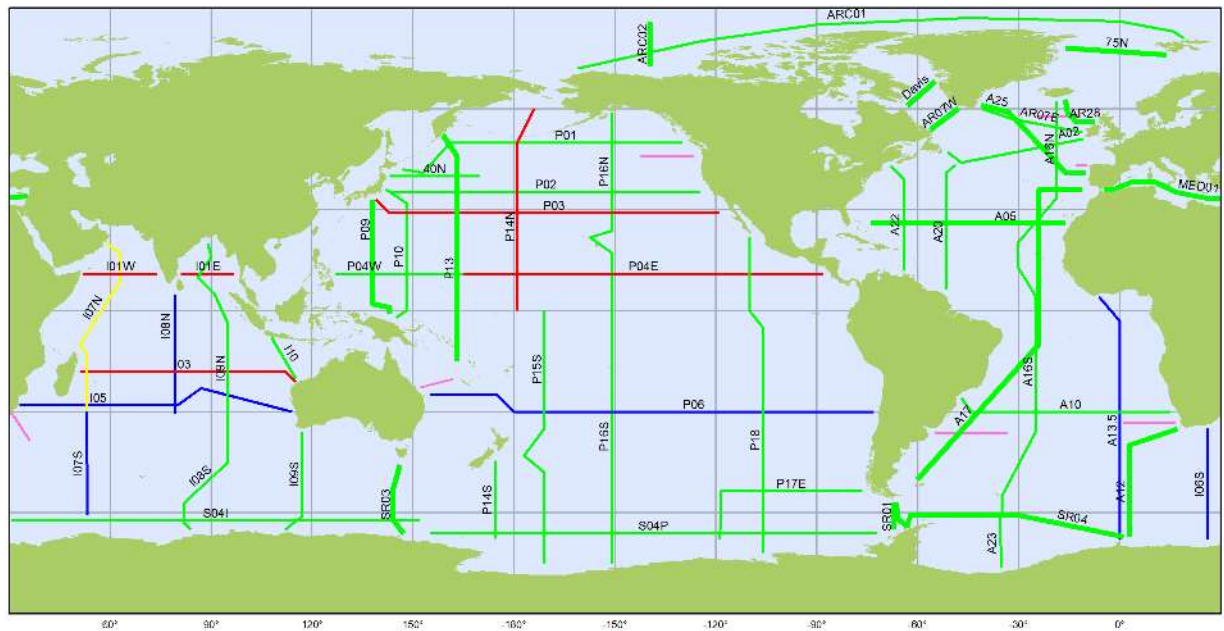
THE GLOBAL OCEAN SHIP-BASED HYDROGRAPHIC INVESTIGATIONS PROGRAM

# GO-SHIP Indian Ocean Sections



GO-SHIP Executive Group, March 2018  
[www.go-ship.org](http://www.go-ship.org)

# GO-SHIP: Global Decadal Survey



GO-SHIP

Status of 2012-2023 Survey (61 Lines)

May 2017

Bold lines: High Frequency (reduced requirements) Thin lines: Decadal GO-SHIP (full requirements)

— completed 
 — at sea 
 — funded 
 — planned 
 — not planned yet 
 — associated & completed

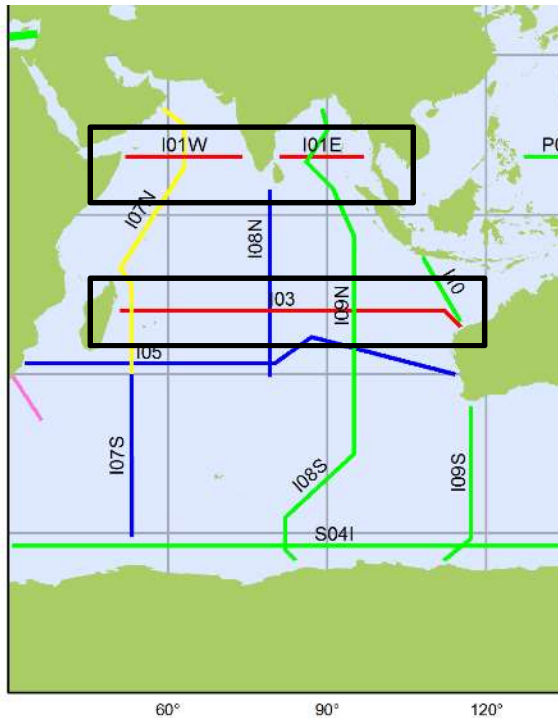


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# GO-SHIP: Indian Ocean



Countries involved in Indian Ocean; USA, Japan, Australia

Northern Indian Ocean sections are not funded. No national support

Is there a need for I03?

— completed — at sea — funded — planned — not planned yet — associated & completed

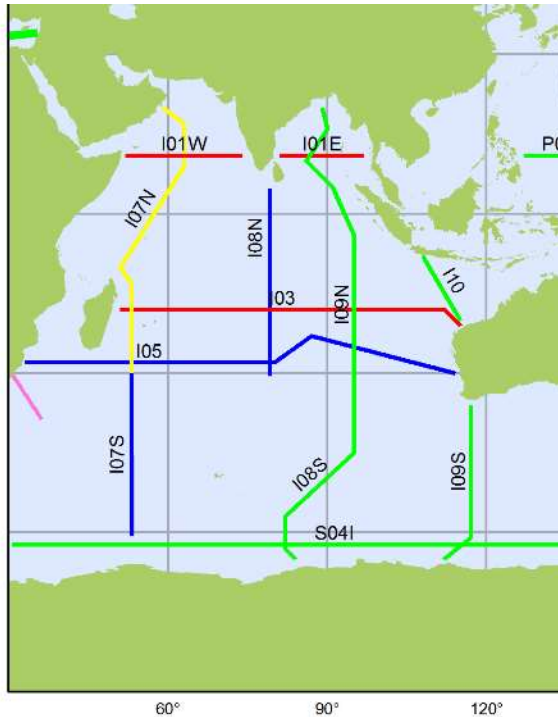


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# GO-SHIP: Indian Ocean



Maintain the GO-SHIP array of repeat hydrographic sections in the Indian Ocean to provide high-quality carbon system measurements, along with heat, freshwater, oxygen, nutrients and transient tracers.

Incorporate observations of phytoplankton community structure where possible.



— completed — at sea — funded — planned — not planned yet — associated & completed



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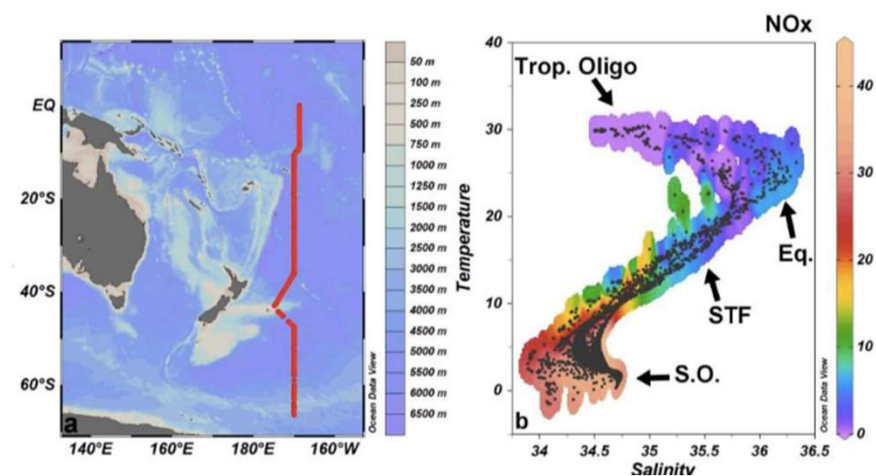
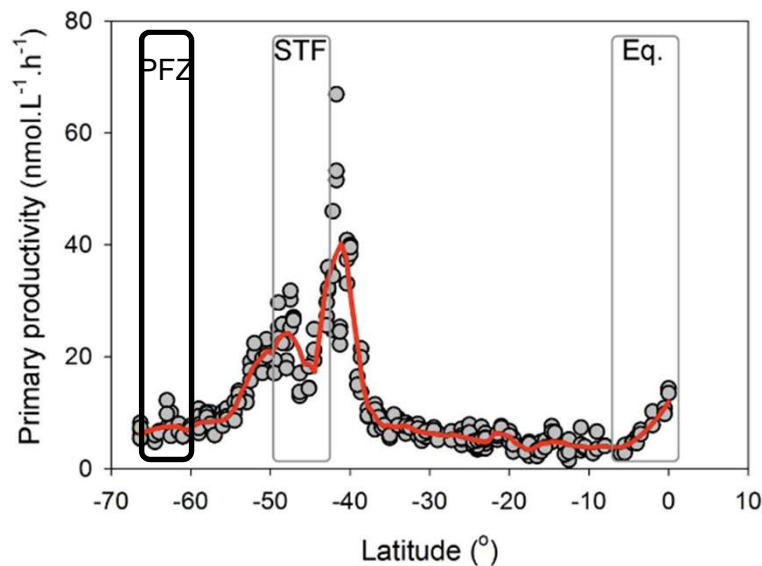


THE GLOBAL OCEAN SHIP-BASED HYDROGRAPHIC INVESTIGATIONS PROGRAM

# GO-SHIP: Indian Ocean

Incorporate observations of phytoplankton community structure

- SCOR Working Group 154  
Integration of Plankton-Observing Sensor Systems to Existing Global  
Sampling Programs (P-OBS)



Surface primary productivity data along the P15S GO-SHIP (Raes, et al submitted 2018)



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