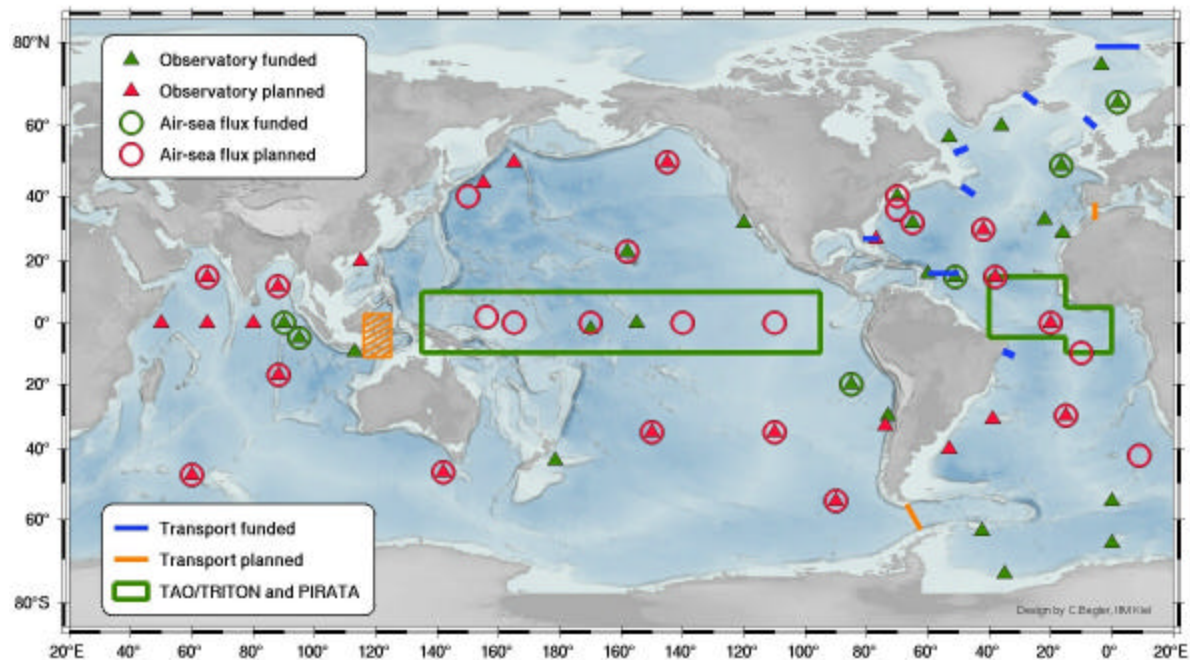


Design Constraints for Moored-Buoy Observatories

		Telemetry Bandwidth	
		Low	High
Power to the Seafloor?	No	Low-bandwidth, acoustically-linked discus buoy	
	Yes	Low-bandwidth, cable-linked discus buoy	High-bandwidth, cable-linked spar buoy

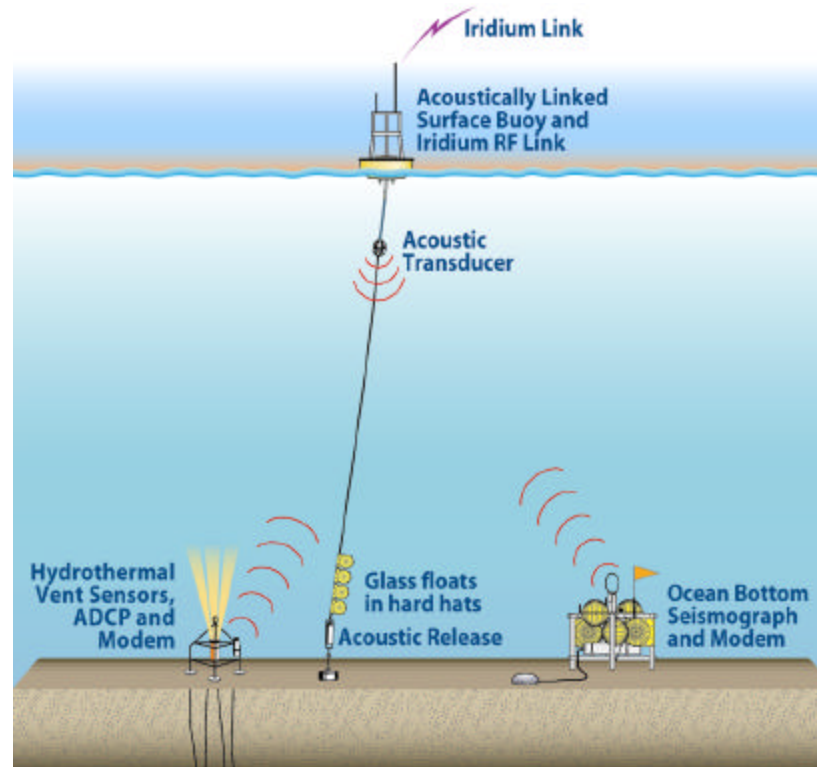
Locations of Moored-Buoy Observatories



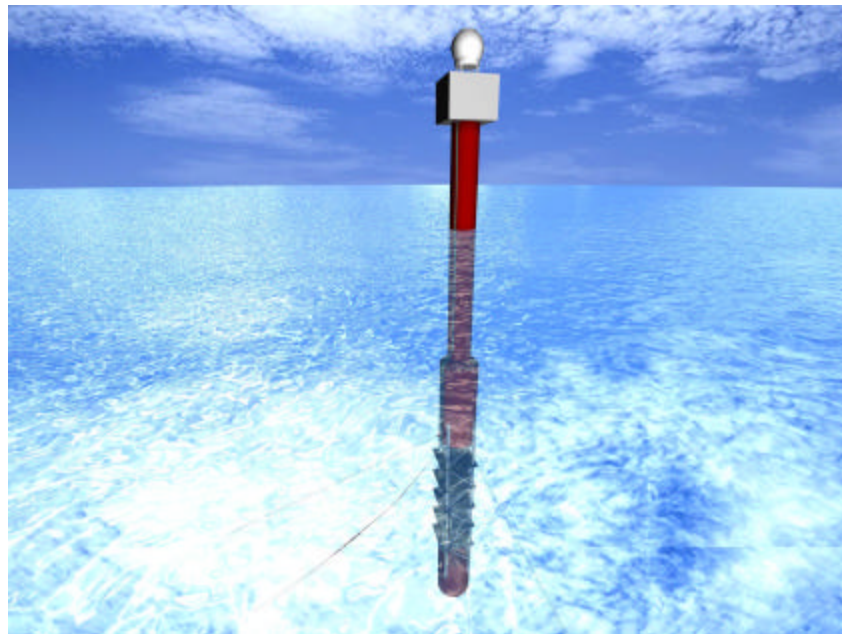
Green: sites that are currently operating or funded.

Red: Sites to be implemented during pilot phase.

Concept for a low-bandwidth, acoustically-linked observatory



Conceptual drawing of DEOS spar buoy design



The radome and payload module are gray.

The hull is red. The spar is 40 m long.

Seafloor cable configuration for moored spar buoy

