

Sustaining the XBT observing system: General discussions

1. Need to maintain and reinforce the quest
2. National funding schemes and strategies
3. Can CLIVAR help ?

Scientific motivations: XBT vs Argo & Gliders

- Lost its monopoly for global heat content / temperature but:
- Unbeatable time-space coverage of HR-XBTs:
 - For boundary currents (&ACC)
 - For transoceanic heat transports
 - For OSEs
 - For specific process (e.g. upwelling)

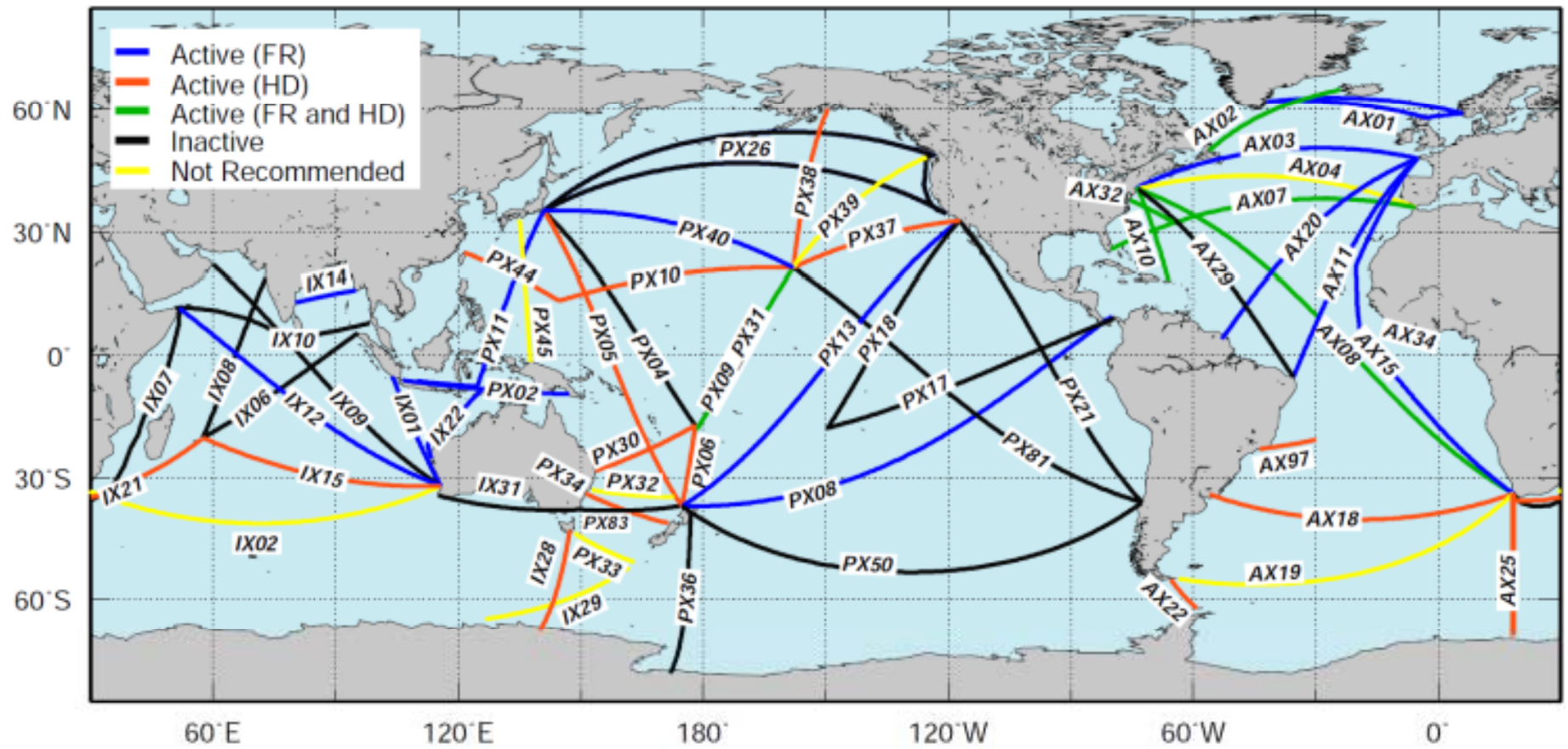
Can CLIVAR help

- International CLIVAR (contact T. Suga)
- Recommendations/priorities
- US-CLIVAR ?
- SCOR working group ?

National Funding schemes and strategies

Cost for	Probes	Observer	Data dist
US	NOAA		NODC+
Japan			
Australia	IMOS	IMOS	IMOS
China			
France	Coriolis/NOAA	?	NDCs
S. Africa			
India			

Current Status of XBT Transects Implementation (2010)



(Courtesy D. Roemmich)