

The XBT Network

Moving towards the future

The XBT Science Steering Team

Objectives:

- A voice in the community to communicate scientific results
- Gather XBT community to exchange knowledge
- Help enhance international collaboration
- Make recommendations on network
- Make recommendations on data management
- Create links with other active/recognized panels

Terms of Reference:

Refer to the handout

The XBT Network

Moving towards the future

The XBT Science Steering Team

Chairperson candidates:

Co-Chairs candidates for:

Science:

Data management:

SOOPIP:

Members:

one of each country/institution participating in an XBT program

one of each basin/CLIVAR panel

one of each of other observational panels

fall rate

numerical modeling

navies

Sippican and TSK

data flow, formats, archiving

The XBT Network

Moving towards the future

XBT Science Steering Team meetings

Every 1-2 years

Prior to other Team meeting (Argo, altimetry, DBCP, etc.)

1 day of XBT biases, 2 days of science workshop.

XBT Science Team Web page:

Main science topics:

- 1) Variability of currents
- 2) Heat transport
- 3) Other unique contributions by XBTs (T, V sections)
- 4) Serve quality controlled data (?)

Pages hosted and maintained by: NOAA/AOML

SCOR group on FRE

Seek endorsement by International CLIVAR and CLIVAR Ocean Basin Panels

The XBT Network

Moving towards the future

EOS publication

Workshop Summary

JGR or Progress in Oceanography publication

Building a current array

The XBT Network

Moving towards the future

The XBT Network

Moving towards the future

The XBT Network

Moving towards the future

Terms of reference

1. The XST will oversee the development and operation of the global XBT with the primary objective of obtaining profiles of temperature
2. The XST will define the scope of the XBT network in respect of the design and geographical extent of the network and the objectives of data management
3. The XST will take responsibility for, and provide advice on, the contents, quality and timeliness of the XBT data stream to ensure scientific and operational requirements are met
4. The XST will encourage observing system studies to guide the long-term development of the XBT sampling design.

The XBT Network

Moving towards the future

Terms of reference (cont)

5. The XST will provide advice and guidance relating to technical innovations relevant to the XBT operations and network.

6. The XST will liaise with related global observing systems, including those concerned with satellite altimetry and with global scale ship-based hydrography, in particular GOOS and GCOS, through their oversight and coordination bodies, OOPC, GSSC, GCOS SC, JCOMM/OCG (including JCOMMOPS).

7. The XST will provide scientific guidance to, and receive advice from, the relevant CLIVAR panels and working groups.

8. The XST will assist national and regional programs to ensure sustained funding for the operation of the XBT network.