OOPC-XI

Bob Keeley
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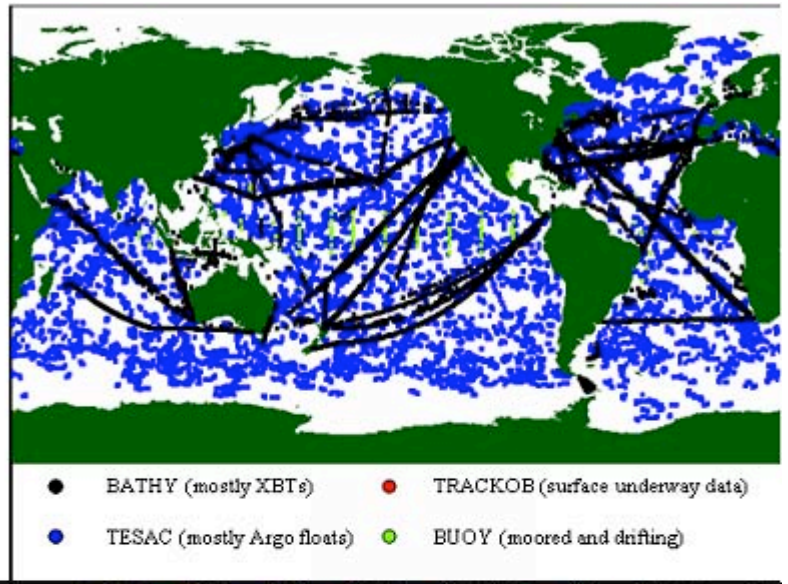
Contents

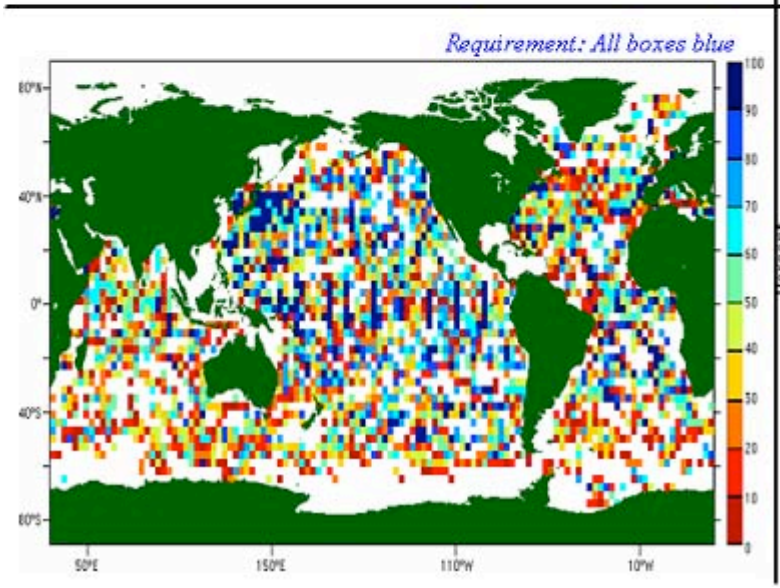
Updates from last year's report
New developments

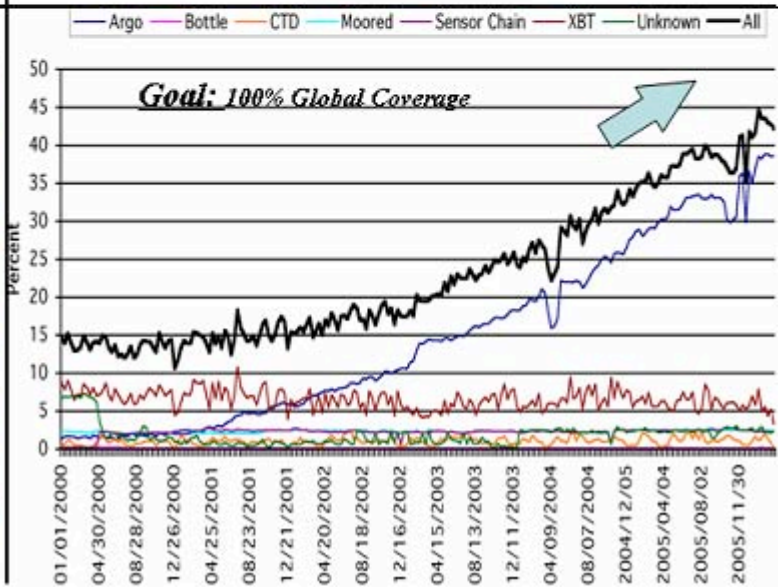
JCOMM Metrics

Observing System Status:
2006, Q1 Temperature Profiles

Sampling requirements:
1 profile
Every 10 days
In every 3 x 3 °







IODE Review

Seventeen recommendations

Positives:

- more streamlined structure - fewer IODE officers, abolished RNODCs
- encouraged a more distributed system
- successful development of ODINs
- reassessment of GE's
- move towards an international metadata system - reconciling MEDI, GCMD, ISO19115
- some movement on MarineXML

More work:

- towards standards (for QC and other issues)
- clarity between roles of WDCs, NODCs

IODE Review - 2

Actions taken:

- Restructuring has taken place
- Groups of Experts reduced. Now share an ET on Data Management Practices with JCOMM.
- Intention to share use of Oostende office for training activities with JCOMM
- Some work starting on standards for QC
- IODE and JCOMM will be discussing meeting with WDCs to clarify roles

Data Systems

Last year I reviewed the data management components:

- Functions required to create archives
  - data assembly
  - quality control
  - duplicates management
  - version control
  - application of standards
- Data discovery, browse and delivery mechanisms

What has been done?

Archive functions

1. The GHRSST-PP has decided on definitions for SST observations. This is being incorporated into information to be sent with the data.
2. JCOMM DMPA will host a meeting to look at commonalities across JCOMM activities to begin convergence in solutions (read adoption of standards).
3. There is more urgency to getting real-time data reporting in BUFR.
4. Development of cooperation to GOOS Coastal Module.
5. GOSUD & SAMOS are working towards an integrated data handling system.

Data Access

1. As part of the WIS, meteorological and oceanographic metadata profiles (ISO19115) are being finalized.
2. JCOMM DMPA is working with WIS to show how ocean archives can contribute.
3. Ocean carbon data still available only to project participants.
4. OceanSITES has data system under construction

Other Activities

1. Other data system performance metrics.
2. Production of an IOC Data Management Strategy.
3. Production of a JCOMM Data Management Strategy.
4. SeaDataNet is funded with first meeting June, 2006.
5. US DMAC.

OOPC Contributions

- Continue to voice its desire for convergence to a few solutions
- Continue to encourage use of standards
- Remind groups like JCOMM and IODE of their responsibility to find solutions
- Push for improved data system performance by highlighting practices we like and dislike

Other OOPC issues

- Continue to advocate for:

✓ (near) real time data transmission (including metadata) for all observations, in support of: operational oceanography; system status monitoring; data management.

✓ interactive data and product access from data centers

✓ historical data release

✓ development of agreed QC proceedures