

# Sponsor report: GOOS

OOPC-11, Tokyo, Japan, May 2006



**GCOS**  
The Global Climate  
Observing System



The Global Ocean  
Observing System

**WCRP**

World Climate  
Research Programme



IOC



WMO



UNEP



ICSU

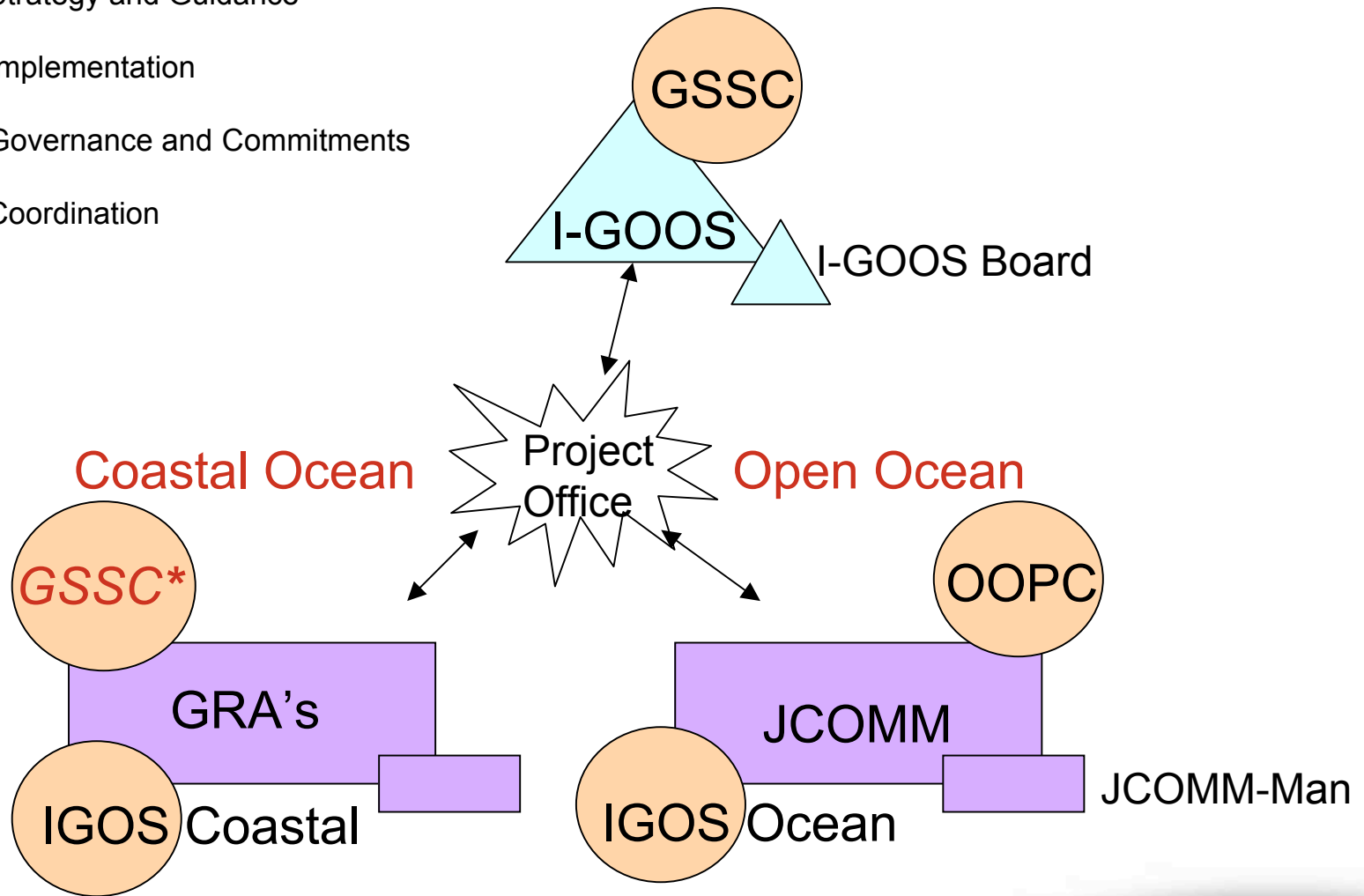
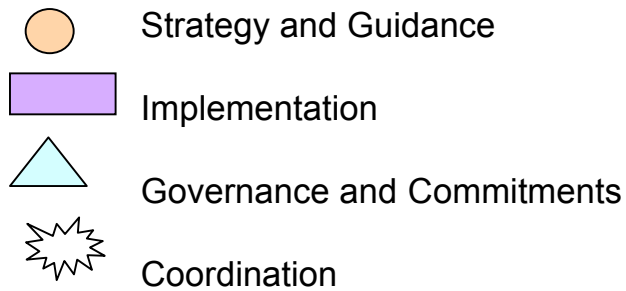
## What is GOOS?

- Global system for sustained observations of the oceans, the oceanographic component of GEOSS
- Designed to:
  - Monitor, understand, and predict weather and climate
  - Describe the state of the ocean, including living resources
  - Improve management of marine and coastal ecosystems and resources
  - Mitigate damage from natural hazards and pollution
  - Protect life and property on coasts and at sea
  - Support scientific research

## What is GOOS?

- GOOS is a platform for
  - international cooperation for sustained observations
  - generation of oceanographic products and services
  - interaction between research, operational, and user communities
- Sponsored by IOC, UNEP, WMO, ICSU
  - support also from US NOAA, UK NERC
- Implemented by
  - Nations via their government agencies, navies, oceanographic research institutions
  - working together with a wide range of panels and regional alliances

# Structure

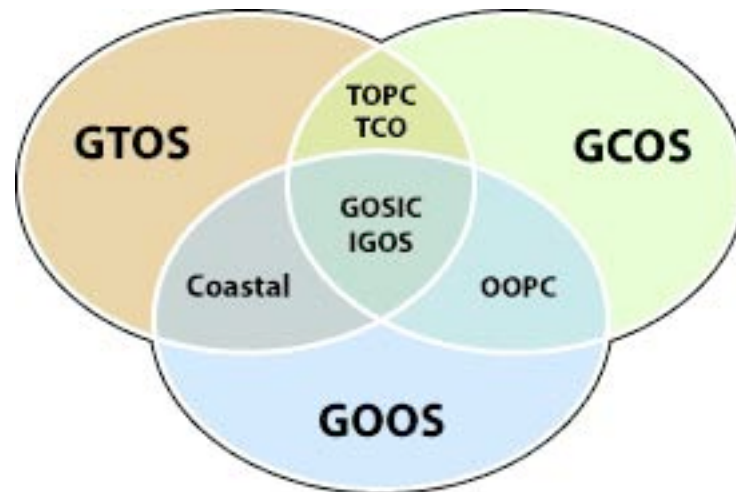


## Some developments

- New leadership now in place
  - Intergovernmental GOOS (I-GOOS)  
François Gérard, France, chair; vice-chairs from USA (M. Altalo), China (S. Lin), Côte d'Ivoire (K. Affian), S. America tbd
  - GOOS Scientific Steering Committee  
John Field (S. Africa), chair
  - GOOS Project Office  
Keith Alverson, director
- Stated goals for biennium 2006-2007
  - Increase national commitments to and investment in global component of GOOS
  - Establishment of clear principles and guidelines for GOOS Regional Alliances

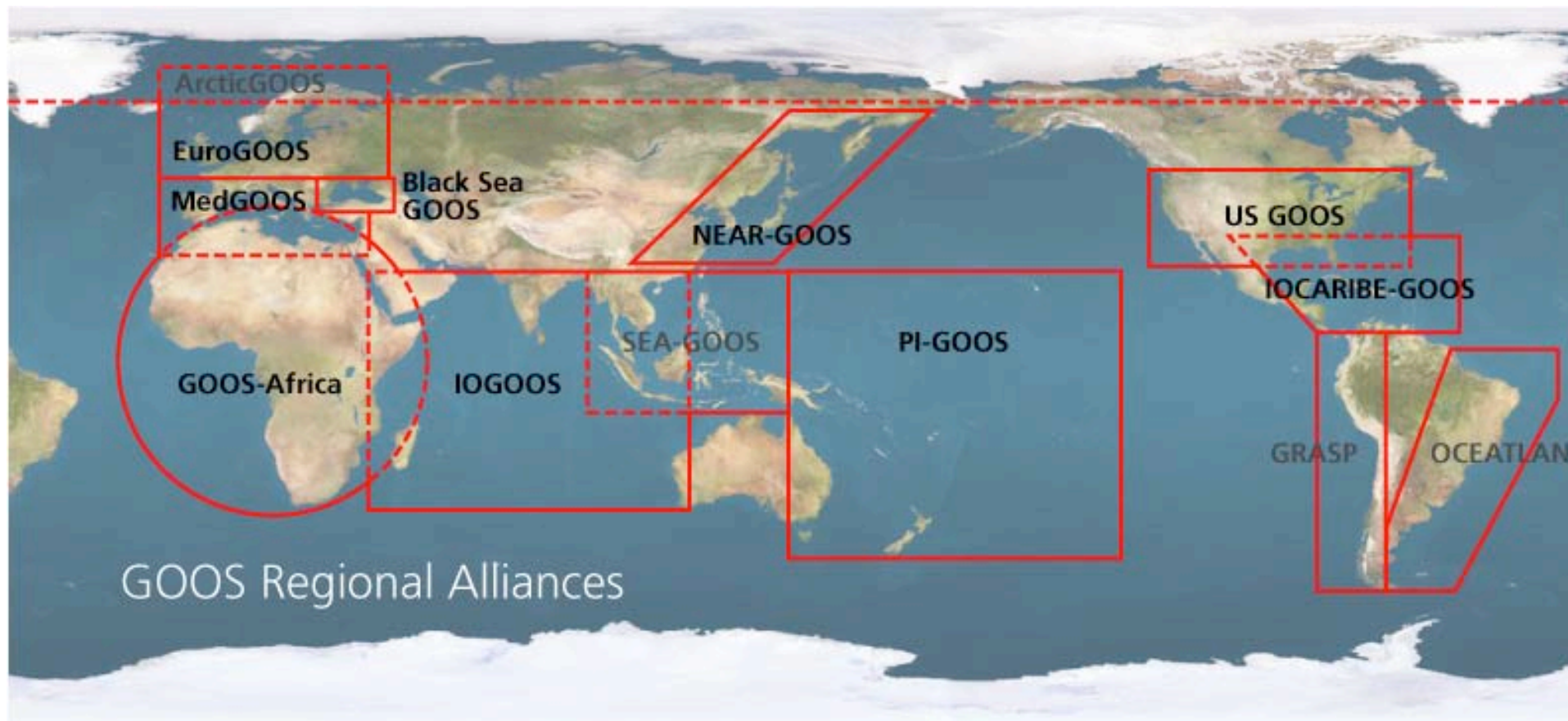
## Coastal GOOS

- The OOPC equivalent COOP published a GOOS Coastal Module implementation plan, then was disbanded
- IGOS-P Coastal Theme report
- Plan for follow-up scientific guidance panel for coastal GOOS joint with GTOS (“J-PICO”)



## GOOS Regional Alliances

- coordination of coastal GOOS



Third GOOS Regional Forum, 14-17 November 2006, Cape Town

## GOOS strategy

- Communications and outreach
- Raising level of national involvement in I-GOOS
- Task teams:
  - joint with JCOMM on Industry (for analyzing benefits of GOOS, and communications)
  - joint with JCOMM and GRAs on implementation of coastal GOOS
- GRAs
- Chlorophyll-a pilot project: regionally based, remote sensing and *in situ*, serving products
  
- UNESCO/IOC resources are very small:
  - GOOS programme budget US\$ 160k /yr
  - OOPC programme budget US\$ 40k /yr
  - JCOMM programme budget (IOC) US\$ 70k /yr
  - IOC programme budget US\$ 1.3million /yr (ocean sciences, ocean observations and data management, capacity building, core)

## OOPC: points for discussion

- Perception that “all is well” in the global ocean component of GOOS - less attention and involvement - is that OK?
- Disconnect from tsunami/natural hazards warning activities
  - But moves towards better integration - Peter Koltermann (Germany) starting 1 June as head of IOC tsunami unit
- What could OOPC ask for from GOOS structures?
- Note: next GSSC meeting in Korea (Lee Dong-Young, KORDI, local host), Feb-Mar 2007



# Liaison report: JCOMM

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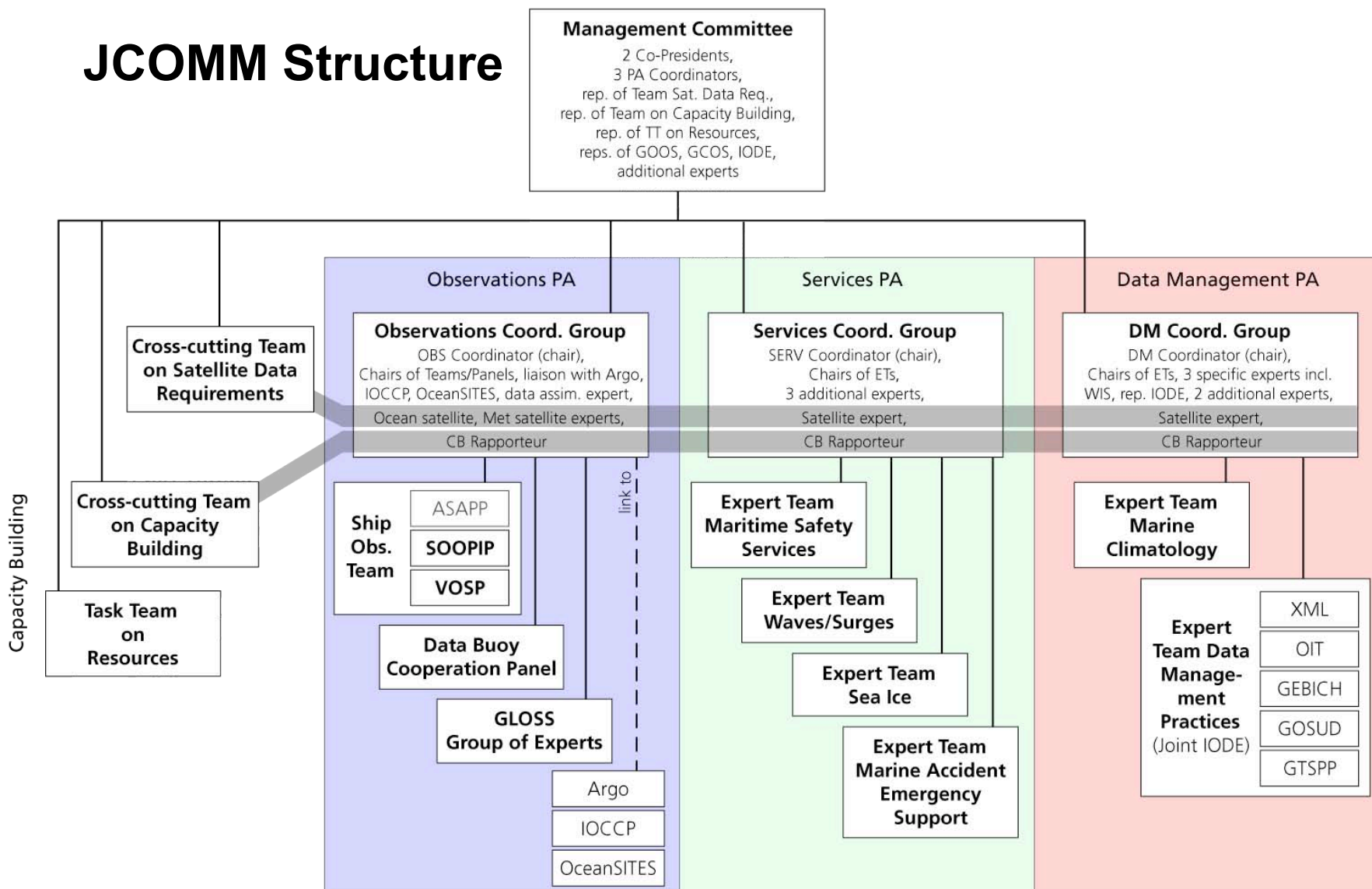


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## What is JCOMM?

- Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology
- Intergovernmental-level body for technical coordination of implementation
- Vision: “a fully integrated marine observing, data management, and services system”
- OOPC is a formal advisor on requirements for the ocean climate observing system

# JCOMM Structure



## Developments

- New leadership
  - Peter Dexter (Australia) and Jean-Louis Fellous (France), co-presidents
  - Bob Keeley (Canada) Data Management coordinator
  - Craig Donlon (UK) Services coordinator
  - Mike Johnson (USA) remains as Observations coordinator
- JCOMM-II (Sep. 2005) accepted GCOS-92 ocean chapter as their implementation plan for observations
- Agreement that JCOMMOPS should move towards an expanded technical coordination role - that there is value in coordination
  - “pay to play”

## Points for discussion

- Stated goal - 1 of 7 for the intersessional period
  - “Full implementation of the ocean observing system and its long-term maintenance on an operational basis, including existing pilot projects such as Argo and the key ocean satellite missions;”
- What can OOPC ask of the JCOMM Management committee?