



International Ocean Carbon Coordination Project

**IOCs CO₂ Panel addresses needs for comprehensive Carbon program:
Methods, standards, observations, data policies & synthesis, modeling, & training**

Coordination: IGBP-IHDP-WCRP



**Synthesis by Maria Hood,
Tech. Officer for CO₂ Panel**

The IOCCP is working with national, regional and international programs and data centers to provide a global view of ocean carbon by:

Developing a compilation and synthesis of ocean carbon activities and plans;

Working with international research programs to fully integrate carbon studies into planning activities;

Standardizing methods, qc/qa procedures, data formats, and use of certified reference materials;

Supporting regional synthesis groups and creating regional databases.

<http://www.ioccp.org>

Report: ioc.unesco.org/oopc/oopc8.htm



International Ocean Carbon Coordination Project

Activities 2003

January 2003: 1st IOCCP Workshop, Paris. Focus on C meas. From SOOPs & Hydro sections

56 Participants, 17 countries, CD-ROM EOS paper June 10, 2003 by Sabine & Hood

March 10 –14: International pCO₂ sensor intercomparison workshop; NIES / Tsukuba (Nojiri)

April 1: cd-rom of the first workshop released

April 3-5: Global Eulerian Observatories 3rd Science Team meeting/Villefranche

May: Web-site with observation program information-base published

May 5-8: Final JGOFS Open Science Conference (Washington, DC): IOCCP Poster presented

May 6-9: CLIVAR SSG 12: IOCCP proposal accepted for carbon reps on Panels

May: Associate Body of Experts on Law of the Sea Meeting: carbon SOOP issues discussed

June 10: EOS article on the IOCCP published

June 18-19: 3rd GCP SSC Meeting

July 28: first IOCCP e-Newsletter sent out

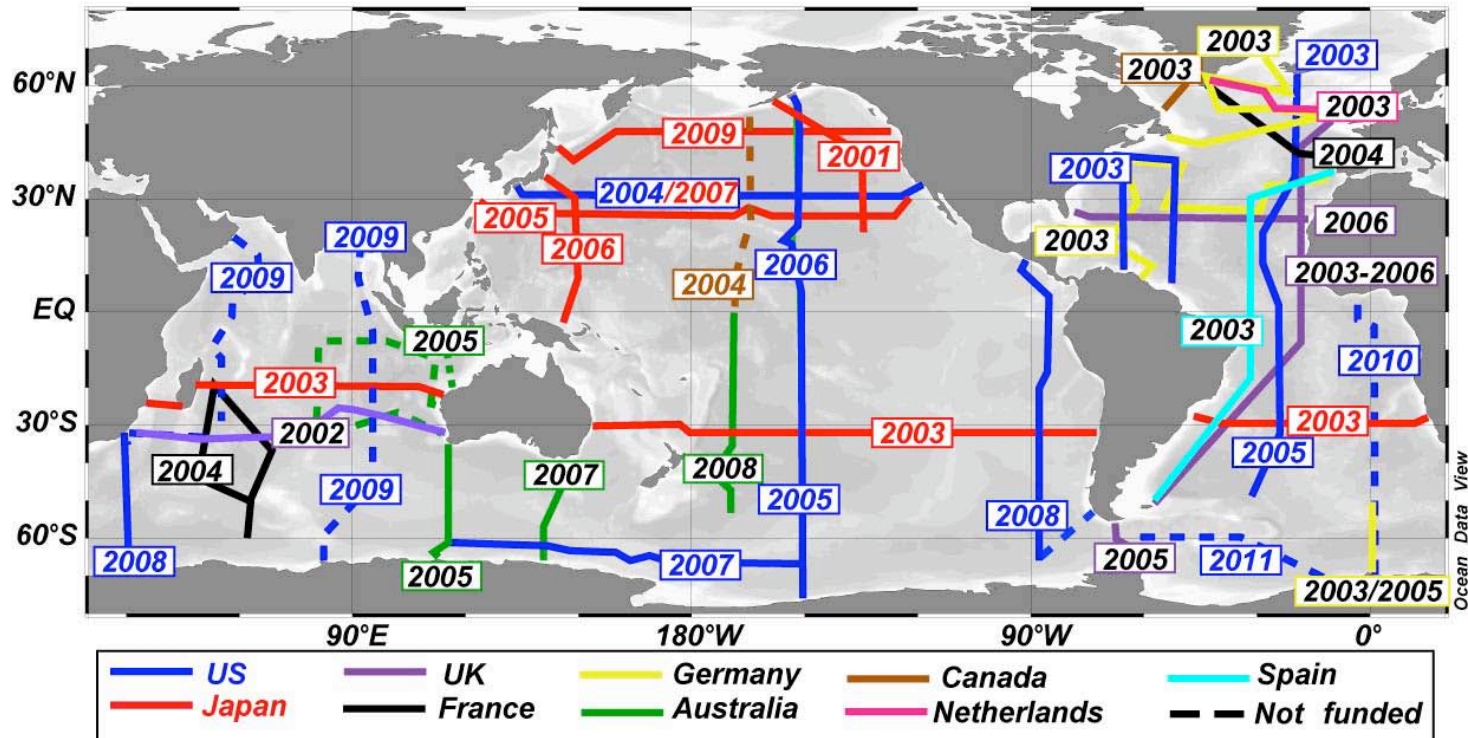
September 3-6: Present OOPC Meeting – observation issues discussed

October 6-8: 2nd IOCCP workshop: follow-up to the pCO₂ sensor intercomparison workshop and data formats for underway measurements

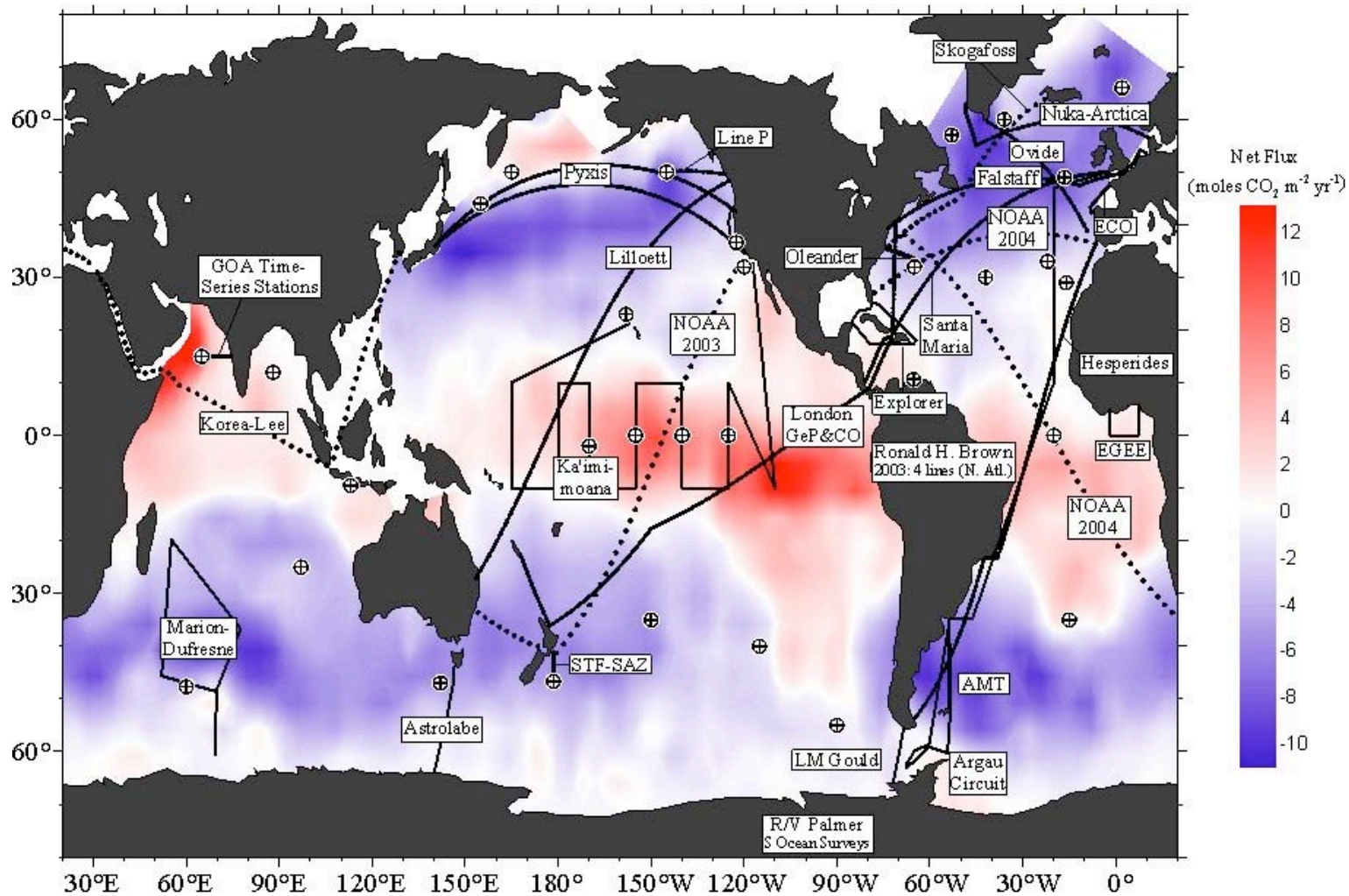
October: 1st draft release and review of revised Handbook of Methods for the Analysis of the Various Parameters of the Carbon Dioxide System in Sea Water (CO₂ Panel and PICES)

November : POGO meeting; discuss cooperation on biological observations

Map of Global Repeat Hydrographic Sections Measuring Carbon and Tracers: See <http://www.ioccp.org>



**Map of Global Underway Sfc. pCO₂ Measurement Network (Lines)
with Planned or Operating Time Series Sites (Circles: GEO) with
Carbon Measurements: See <http://www.ioccp.org>**



Summary of Highlights

- **IOCCP launched**
- **Planning for Hydro/Carbon/Tracer Sections**
- **Planning for Underway pCO₂ Lines (w/GEO coord.)**
- **Carbon experts added to CLIVAR basin panels**
- **pCO₂ method activity (Japan workshop)**
- **IOC effort to gain access in territorial waters**
- **Policy on data citation/electronic journals**
- **South China Sea Pilot Carbon study (Nov. 03)**
- **IOCCP/U.S. Carbon Plan coordination**
- **Website: <http://www.ioccp.org> + others in docs.**

Future + Action Items

- **IOCCP Workshop on Time Series and Platforms**
- **OOPC-7 – suggested POGO lead in coordinating ocean carbon obs. and other non-phys. var. – CO₂ Panel has done much of work already/ Role of POGO in this? Continued coord.? Discussion needed.**
- **OOPC-7 - Similar point to one above wrt biological variables: Also POGO and COOP collaborations; much done in report co-written by John Field for COOP. Adequate strategy? Continued coord. as was done by Harrison and Dickey at COOP Cape Town meeting?**
- **Input to IOCCP – Please email Maria Hood**
- **Website: <http://www.ioccp.org> + others in docs.**
- **Join IOCCP email list: mailinglist@ioccp.org
with Subject of subscribe**

Kudos to Maria for efforts!