

**CLIVAR Repeat Hydrography Program: A global Ocean  
Carbon Observing Network**

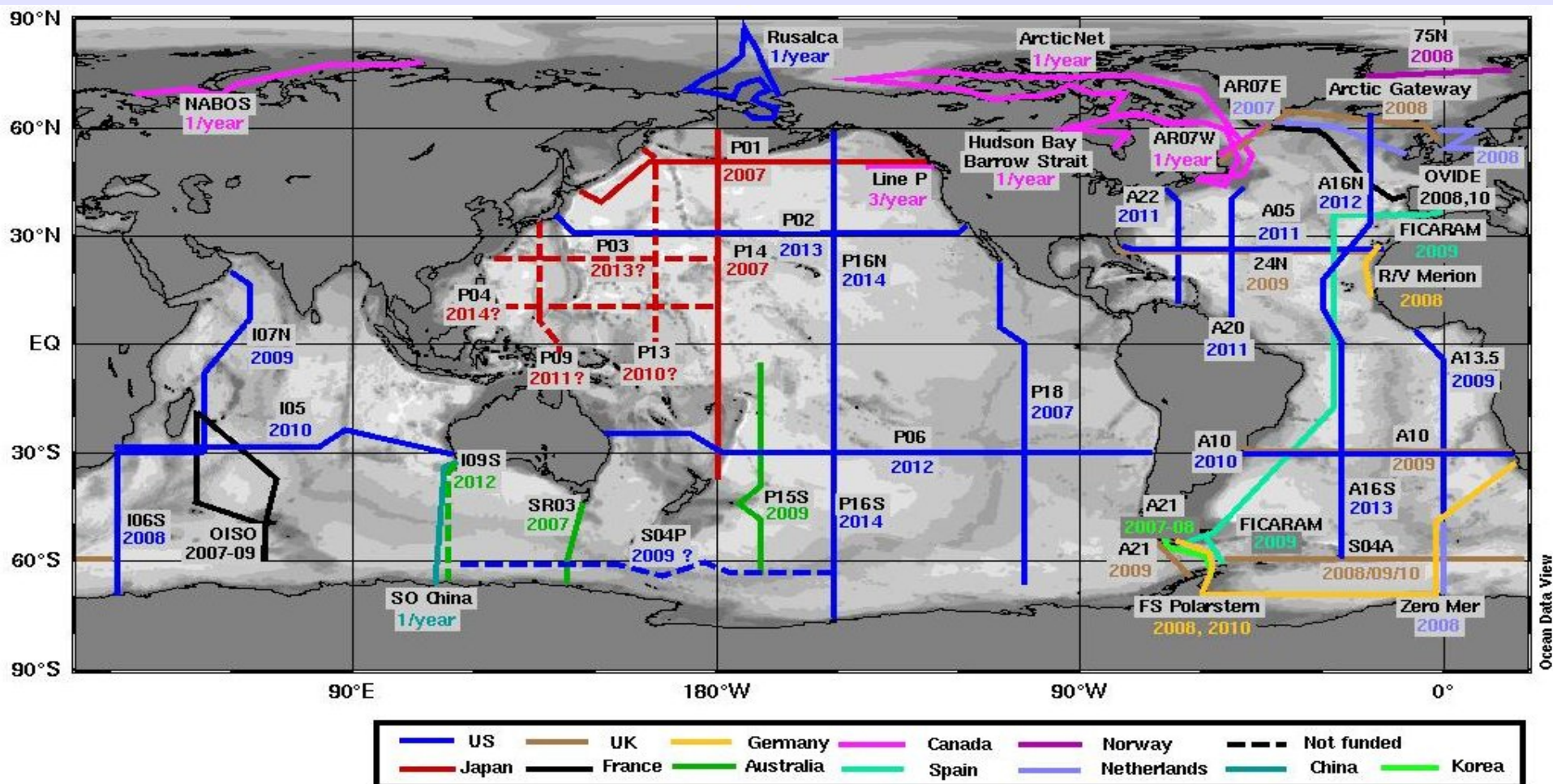
**Richard A. Feely**

**NOAA/PMEL**

# CLIVAR/CO<sub>2</sub> Repeat Hydrography

**Goal:** To quantify decadal changes in the inventory and transport of heat, fresh water, carbon dioxide (CO<sub>2</sub>), chlorofluorocarbon tracers and related parameters in the oceans.

**Approach:** The sequence and timing of the CLIVAR/CO<sub>2</sub> Repeat Hydrography cruises have been selected so that there is roughly a decade between them and the WOCE/JGOFS global survey.

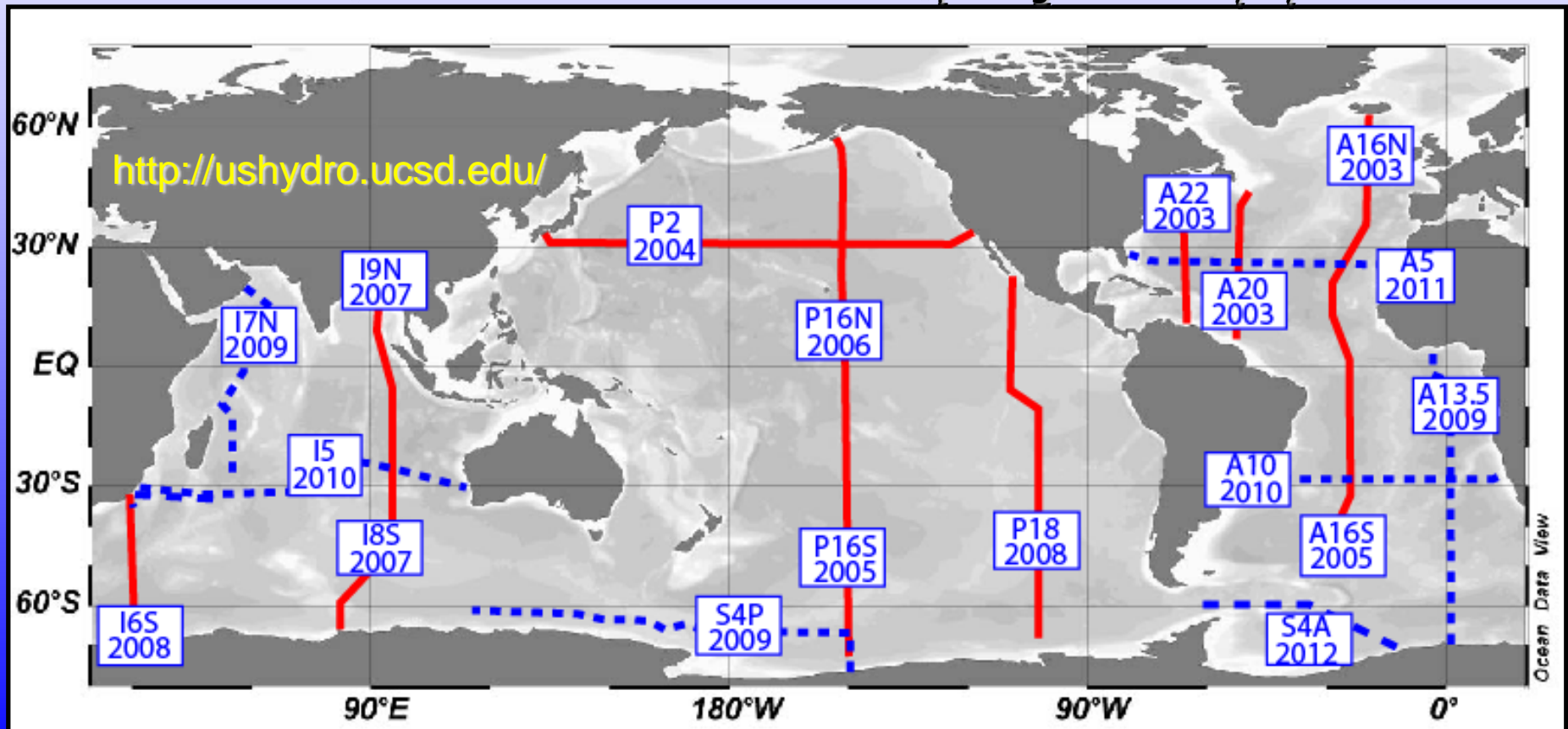


# CLIVAR/CO<sub>2</sub> Repeat Hydrography

**Goal:** To quantify decadal changes in the inventory and transport of heat, fresh water, carbon dioxide (CO<sub>2</sub>), chlorofluorocarbon tracers and related parameters in the oceans.

**Approach:** The sequence and timing of the U.S. CLIVAR/CO<sub>2</sub> Repeat Hydrography cruises have been selected so that there is roughly a decade between them and the WOCE/JGOFS global survey.

**Achievements:** The U.S. CLIVAR/CO<sub>2</sub> Repeat Hydrography Program has completed 12 of 18 lines and is on schedule to complete global survey by 2012.





# Cruises for the U.S. Global Carbon and Repeat Hydrography Program

2010 - A13.5

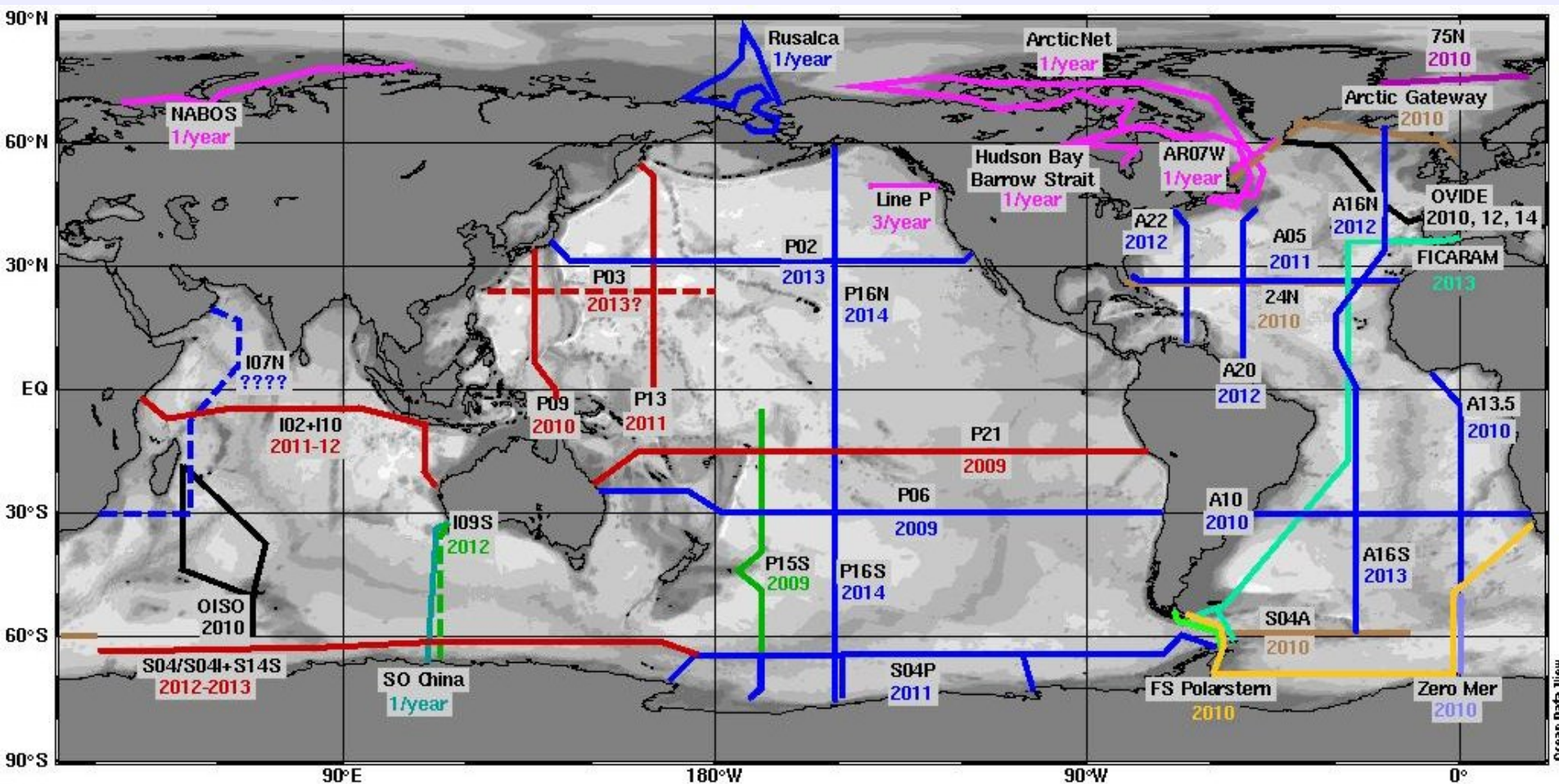
2011 - A10, S4P

2012 - A5, A20/A22

2013 - A16N, P02

2014 - A16S, P16S

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# Thank You!



The R/V Thomas G. Thompson arriving in Papeete, Tahiti  
for the beginning of P16N February 2006