

HYDROGRAPHY TABLES: ATLANTIC

International Ocean Carbon Coordination Project (www.ioccp.org)

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Name of the line	Area	Description (ship track)	Year planned	PI	Country
Atlantic					
75N	Nordic Seas	Iceland – Greenland.	2006, 2008	Truls Johannessen Are Olsen	Norway
Arctic Gateway	Atlantic	Greenland to UK	2008	S. Bacon	UK
AR7W	Atlantic (Labrador Sea)	From Labrador to Greenland 53N/56W-61N/48W 1/year (spring)	1993- 1/year	K. Azetsu-Scott (DIC, TA) and G. Harrison / B. Li / P. Kepkay / E. Head (Biogenic carbon – TOC, DOC, phytoplankton, primary and secondary productivity, microbial production and respiration)	Canada
NorthSeaSummer	Basinwide North Sea	Repeat summer (August) cruise doing ca. 92 stations and ca. 22,000 underway surface pCO ₂	2001, 2005; next 2008	2008: H. Zemmeling, past 2001, 2005: H. Thomas	Netherlands
A05	Atlantic	24°N	2011	R. Wanninkhof	USA
A05 / 24N section	Atlantic	Reoccupation of 24N section (Funding for CO ₂ + tracers uncertain)	Autumn 2009	S. Cunningham, A. Watson, U. Schuster	UK
A13.5	Atlantic	0°	2009	R. Wanninkhof	USA
A20	Atlantic	52°W	2012	R. Wanninkhof	USA
A22	Atlantic	66°W	2012	R. Wanninkhof	USA
A21	Atlantic	Drake Passage	2009	E. McDonagh	UK
A10	Atlantic	30°S	2009	B. King	UK
SO4A	Southern / Atlantic	Line from tip of Antarctic Peninsula to 30 E along the northern edge of the Weddell gyre (nominally 60 S)	2008/09/10 (proposal under review)	A. Naveira Garabato D. Bakker	UK
OVIDE	Atlantic	Iberian Peninsula – Greenland	2008, 2010	A.Rios	Spain

FICARAM	Atlantic	Ushuaia – Cartagena (Spain), following part of the line WOCEA A17 and from 10°S to 36°N along 28°W	2009	A. Rios	Spain
FS Polarstern	S. Atlantic and Southern Ocean	Capetown – Antarctica (Prime Meridian) Weddell Sea: Kapp Norvegia – Joinville Island	2008 2010	M. Hoppema	Germany
R/V Merion 07	Tropical Atlantic	Dakar- Las Palmas	2008	A. Körtzinger	Germany
Antarctic Zero Meridian	Antarctic-Atlantic sector	Repeat section along zero meridian from Polar Front (ca. 50 S) to Antarctica; once every 2-3 years, focus on DIC in complete water column, surface pCO ₂ in some but not all past cruises	since 1984 AJAX cruise onwards; next Feb-Apr 2008	M. Hoppema collaborative effort with Royal NIOZ	Netherlands