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*Supplement of*

## **The Global Ocean Data Analysis Project version 2 (GLODAPv2) – an internally consistent data product for the world ocean**

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**APPENDIX A**, Cruises included in GLODAPv2 that did not appear in GLODAPv1, CARINA or PACIFICA. Complete information on each cruise, such as parameters included, chief scientist and principal investigator names is provided at the complete GLODAPv2 cruise summary table at [http://cdiac.ornl.gov/oceans/GLODAPv2/cruise\\_table.html](http://cdiac.ornl.gov/oceans/GLODAPv2/cruise_table.html)

No	EXPOCODE	Region	Alias	Start	End	Ship
1	06AQ19840719	Arctic	ARCHY, ARKTIS II/3	19840719	19840807	Polarstern
3	06AQ19870704	Arctic	ARK IV_3; NAO	19870704	19870902	Polarstern
5	06AQ19901117	Atlantic	06AQANTIX_2	19901117	19901230	Polarstern
10	06AQ19950707	Arctic	ARK-XI_1	19950707	19950920	Polarstern
14	06AQ20021124	Atlantic	CLIVAR A12/SR4, ANTXX_2	20021124	20030123	Polarstern
15	06AQ20050122	Atlantic	CLIVAR A12/SR4, ANT_XXII/3	20050122	20050406	Polarstern
16	06AQ20060825	Atlantic	CLIVAR A12, ANT-XXIII_7	20060825	20061029	Polarstern
17	06AQ20070728	Arctic	ARKXXII/2	20070728	20071010	Polarstern
18	06AQ20071128	Atlantic	CLIVAR A12, ANT-XXIV_2	20071128	20080204	Polarstern
19	06AQ20080210	Atlantic	CLIVAR A12, ANT-XXIV_3	20080210	20080416	Polarstern
20	06AQ20101128	Atlantic	CLIVAR A12, ANT_XXVII_2	20111128	20110205	Polarstern
22	06BE20030525	Atlantic	CLIVAR AR04_2003, 06BE200305	20030525	20030613	Sonne
25	06MM20060523	Atlantic	06M220060523, MSM02-1, OVIDE 2006	20060523	20060628	M.S. Merian
26	06MM20090714	Atlantic	06M220090714, CLIVAR AR07W_2009, MSM12_3	20090714	20090822	M.S. Merian
29	06MT19901004	Atlantic	06MT14_2, WOCE AR4E/AR4W/AR15	19901004	19901027	Meteor
59	06MT20040710	Atlantic	06MT200407, MT62/1, CLIVAR AR04_2004	20040710	20040807	Meteor
60	06MT20050813	Atlantic	MT66_1, CLIVAR AR04_2005	20050813	20050919	Meteor
61	06MT20060606	Atlantic	MT68/2_2006, SFB 754	20060606	20060709	Meteor
62	06MT20060712	Atlantic	MT68_3_2006, SOPRAN	20060712	20060806	Meteor
63	06MT20091026	Atlantic	CLIVAR_A16C, MT80/1_2009, SFB 754, SOPRAN	20091026	20091123	Meteor
64	06MT20110405	Atlantic	MT84_3	20110405	20110428	Meteor
69	09AR19980228	Indian	WOCE aa9706 ; SR03_1998	19980228	19980401	Aurora Australis
71	09AR20030103	Indian	CLIVAR I08S_2003, AU0304	20030103	20030317	Aurora Australis
72	09AR20041223	Indian	CLIVAR I09S_2004, AU0403	20041223	20050217	Aurora Australis
73	09AR20060102	Indian	CLIVAR S04I_2006, AA0301	20060102	20060312	Aurora Australis
74	09AR20071216	Indian	CLIVAR SR03_2007, 09AR0803, AU0803	20071216	20080127	Aurora Australis
75	09AR20080322	Indian	CLIVAR SR03_2008, AU0806	20080322	20080417	Aurora Australis
76	09AR20110104	Indian	CLIVAR SR03_2011, AU1121, 09AR1121/1	20110104	20110206	Aurora Australis
77	09AR20120105	Indian	CLIVAR I09S_2012, U1203, 09AR1203/1	20120105	20120212	Aurora Australis
82	09FA20000926	Indian	CLIVAR I02_2000	20000926	20001112	Franklin
84	09SS20090203	Pacific	ss200901, CLIVAR P15S_2009	20090203	20090324	Southern Surveyor
85	11BG20060425	Atlantic	Cruise 2006_09	20060425	20060511	Belgica
86	11BG20060531	Atlantic	Cruise 2006_11	20060531	20060609	Belgica

No	EXPOCODE	Region	Alias	Start	End	Ship
87	11BG20070510	Atlantic	Cruise 2007_12	20070510	20070524	Belgica
88	11BG20080507	Atlantic	Cruise 2008_12	20080507	20080523	Belgica
89	189119870330	Arctic	AIRCRAFT87, IOS_Arctic_Database	19870330	19870604	Aircraft
90	18AW19860910	Arctic	IOS_Arctic_Database, AW86	19860910	19860916	Arctic IVIK
93	18DD19870731	Arctic	IOS_Arctic_Database, tl8707	19870731	19870907	J.P. Tully
133	18DL20030913	Arctic	CASES03.1, IOS_Arctic_Database	20030913	20031014	Amundsen
134	18DL20031015	Arctic	CASES03.2, IOS_Arctic_Database	20031015	20031125	Amundsen
135	18DL20031126	Arctic	CASES03.3, IOS_Arctic_Database	20031125	20040106	Amundsen
136	18DL20040107	Arctic	CASES03.4, IOS_Arctic_Database	20040107	20040217	Amundsen
137	18DL20040218	Arctic	CASES03.5, IOS_Arctic_Database	20040218	20040331	Amundsen
138	18DL20040401	Arctic	CASES03.6, IOS_Arctic_Database	20040401	20040513	Amundsen
139	18DL20040513	Arctic	CASES03.7, IOS_Arctic_Database	20040513	20040624	Amundsen
140	18DL20040625	Arctic	CASES03.8, IOS_Arctic_Database	20040525	20040805	Amundsen
141	18DL20040806	Arctic	CASES03.9, IOS_Arctic_Database	20040806	20040831	Amundsen
147	18HS19900906	Arctic	HL90, IOS_Arctic_Database	19900906	19900919	Henry Larsen
148	18HS19920920	Arctic	HL92, IOS_Arctic_Database	19920920	19920925	Henry Larsen
149	18HS19930824	Arctic	HL93, IOS_Arctic_Database	19930824	19930925	Henry Larsen
159	18HU19960512	Atlantic	WOCE AR7W_1996, 18HU96006_1	19960512	19960601	Hudson
162	18HU19990627	Atlantic	WOCE AR07W_1999, 18HU99022_1, Hudson 99022	19990627	19990713	Hudson
163	18HU20000520	Atlantic	CLIVAR AR07W_2000, 18HU2000009_1, HUD2000009	20000520	20000608	Hudson
164	18HU20010530	Atlantic	CLIVAR AR07W_2001, 18HU2001022_1	20010530	20010615	Hudson
165	18HU20020623	Atlantic	CLIVAR AR07W_2002, HUD2002-032	20020623	20020719	Hudson
166	18HU20030713	Atlantic	CLIVAR AR07W_2003, HUD2003-038, 18HU200307_1	20030713	20030804	Hudson
167	18HU20040515	Atlantic	CLIVAR AR07W_2004, HUD2004-016	20040515	20040530	Hudson
168	18HU20050526	Atlantic	CLIVAR AR07W_2005, HUD2005-016	20050526	20050617	Hudson
169	18HU20060524	Atlantic	CLIVAR AR07W_2006, HUD2006-019	20060524	20060608	Hudson
170	18HU20070510	Atlantic	CLIVAR AR07W_2007, HUD2007-011	20070510	20070527	Hudson
171	18HU20080520	Atlantic	CLIVAR AR07W_2008, HUD2008-009	20080520	20080604	Hudson
172	18HU20090517	Atlantic	CLIVAR AR07W_2009, HUD2009-015	20090517	20090601	Hudson
173	18HU20100513	Atlantic	CLIVAR AR07W_2010, HUD2010-014	20100513	20100530	Hudson
174	18HU20110506	Atlantic	CLIVAR LAR07W_2011, HUD2011-009	20110506	20110529	Hudson
175	18LU20000705	Arctic	LU00.20, IOS_Arctic_Database	20000705	20000805	Sir Wilfrid Laurier

No	EXPOCODE	Region	Alias	Start	End	Ship
176	18LU20000902	Arctic	LU00.22, IOS_Arctic_Database	20000902	20000918	Sir Wilfrid Laurier
177	18LU20080702	Arctic	LU08.02, IOS_Arctic_Database	20080702	20080729	Sir Wilfrid Laurier
178	18LU20080923	Arctic	LU08.04, IOS_Arctic_Database	20080923	20081014	Sir Wilfrid Laurier
179	18LU20090710	Arctic	LU09, IOS_Arctic_Database	20090710	20090722	Sir Wilfrid Laurier
196	18RD20020922	Arctic	CASES02, IOS_Arctic_Database	20020922	20021014	P. Radisson
198	18SN19950803	Arctic	SN95, IOS_Arctic_Database	19950803	19950904	Louis S. St-Laurent
199	18SN19960910	Arctic	SN96, IOS_Arctic_Database	19960910	19960924	Louis S. St-Laurent
200	18SN19970801	Arctic	SN97, IOS_Arctic_Database	19970801	19970812	Louis S. St-Laurent
204	18SN20020816	Arctic	SN02, IOS_Arctic_Database	20020816	20020905	Louis S. St-Laurent
205	18SN20030806	Arctic	SN03, IOS_Arctic_Database	20030806	20030907	Louis S. St-Laurent
206	18SN20050729	Arctic	SN05.04, IOS_Arctic_Database	20050729	20050901	Louis S. St-Laurent
207	18SN20060805	Arctic	SN06.18, IOS_Arctic_Database	20060805	20060914	Louis S. St-Laurent
208	18SN20060914	Arctic	SN06.43, IOS_Arctic_Database	20060914	20061002	Louis S. St-Laurent
209	18SN20070704	Arctic	SN07.19, IOS_Arctic_Database	20070704	20070726	Louis S. St-Laurent
210	18SN20070726	Arctic	SN07.20, IOS_Arctic_Database	20070726	20070831	Louis S. St-Laurent
211	18SN20080717	Arctic	SN08, IOS_Arctic_Database	20090717	20090821	Louis S. St-Laurent
212	18SN20090917	Arctic	SN09, IOS_Arctic_Database	20090917	20091015	Louis S. St-Laurent
213	18TH19740811	Arctic	TH-74, IOS_Arctic_Database	19740811	19740901	Theta
216	21OR19910708	Pacific	21OR287/2	19910708	19910712	Ocean Researcher 1
217	21OR20080102	Pacific	ORI-855	20080102	20080109	Ocean Researcher 1
232	29HE20081006	Atlantic	P3A2 Cruise, GIFT	20081006	20081012	Hesperides
233	29HE20100208	Atlantic	CLIVAR A12/A21, MOC2AUSTRAL2010	20100208	20100310	Hesperides
234	29HE20100405	Atlantic	CLIVAR A06_2010, MOC2EC2010	20100405	20100516	Hesperides
235	29HE20130320	Atlantic	CLIVAR A17_2013, FICARAM-XV	20130320	20130522	Hesperides
266	316N20050821	Pacific	AAIW05	20050821	20051006	Knorr
271	318M19991029	Pacific	OXMZ01MV	19991029	19991122	Melville
273	318M20091121	Pacific	CLIVAR P06_2009 Leg 1	20091121	20100102	Melville
NA <sup>a</sup>	318M20100105	Pacific	CLIVAR P06_2009 Leg 2	20100105	20100211	Melville
287	320619940214	Pacific	NBP-94_2	19940214	19940405	Nathaniel B. Palmer
292	320620000215	Pacific	NBP-00_1	20000215	20000324	Nathaniel B. Palmer
294	320620070203	Pacific	NBP0702	20070203	20070326	Nathaniel B. Palmer
295	320620110219	Pacific	CLIVAR S04P_2011	20110219	20110423	Nathaniel B. Palmer
304	325019971101	Pacific	WOCE_P16, STUD97	19971101	19971111	Thomas G. Thompson
307	325020080826	Pacific	CLIVAR_TN224_2008	20080826	20080917	Thomas G. Thompson
311	32H120030721	Arctic	33HQ20030721, HLY-0301	20030721	20030816	Healy
318	32L919940204	Pacific	PS94	19940204	19940210	Polar Sea
320	32NM19800810	Pacific	FIONA-1980, WOCE P16N	19800810	19800903	New Horizon
324	32OC20080510	Atlantic	Line W, 32OC446	20080510	20080523	Oceanus

<sup>a</sup> In the final synthesis file Leg 2 of the 2009/2010 P6 occupation have been merged with leg 1, hence this do not have an individual cruise number

No	EXPOCODE	Region	Alias	Start	End	Ship
326	32PZ20020819	Arctic	CBL 2002 (AWS-02-II)	20020819	20020923	Polar Star
327	32WC20070511	Pacific	NACP_West_Coast_Cruise_2007	20070511	20070614	Wecoma
328	33AT20060118	Atlantic	CMDL2, 33AT013,AT013	20060118	20060131	Atlantis
329	33AT20120324	Atlantic	CLIVAR_A22_2012	20120324	20120417	Atlantis
330	33AT20120419	Atlantic	CLIVAR_A20_2012	20120419	20120501	Atlantis
332	33LG20060321	Atlantic	CLIVAR_A21_2006, LMG200603	20060321	20060404	Laurence M. Gould
333	33LG20090916	Atlantic	CLIVAR_A21_2009, LMG200909	20090916	20091009	Laurence M. Gould
340	33PY19960913	Arctic	SCICEX	19960913	19961028	Pogy
344	33RO20070710	Atlantic	GOMECC2007	20070710	20070804	R.H. Brown
346	33RO20100308	Atlantic	CLIVAR A13.5_2010, RB_07-05	20100308	20100417	R.H. Brown
347	33RO20110926	Atlantic	CLIVAR A10_2011 , RB-11-02	20110926	20111031	R.H. Brown
352	33RR20070204	Indian	CLIVAR I08S_2007	20070204	20070317	Roger Revelle
353	33RR20070322	Indian	CLIVAR I09N_2007	20070322	20070501	Roger Revelle
354	33RR20080204	Indian	CLIVAR I06S_2008	20080204	20080317	Roger Revelle
355	33RR20090320	Indian	CLIVAR I05_2009	20090320	20090515	Roger Revelle
365	35A320030412	Atlantic	CARIBINFLOW	20030412	20030425	L'Atalante
366	35A320080223	Atlantic	CLIVAR_A16C_2008, FSB-754	20080223	20080315	L'Atalante
367	35A820050607	Atlantic	EGEE 1-6, 90CT40_1	20050607	20070930	R/V Antea
371	35MF19890730	Indian	JADE89, 35MF62JADE_1	19890730	19890909	M.-Dufresne
384	35MF20050111	Indian	OISO-12	20050111	20050222	M.-Dufresne
385	35MF20080207	Atlantic	CLIVAR A12, BONUS GoodHope 2008, leg 1; MD166	20080207	20080324	Marion Dufresne
386	35MF20090103	Indian	OISO-17	20090103	20090212	M.-Dufresne
387	35MF20091219	Indian	OISO-18	20111219	20120124	M.-Dufresne
388	35MF20110114	Indian	OISO-19	20110114	20110220	M.-Dufresne
390	35TH20000724	Atlantic	Equalant 2000	20000724	20000821	Thalassa
394	35TH20080610	Atlantic	OVIDE 2008	20080610	20080711	Thalassa
395	35TH20100608	Atlantic	OVIDE 2010	20100608	20100630	Thalassa
396	35UCKERFIXTS	Indian	Timeseries_KERFIX 0°40'S-68°25'E	19900127	19950108	La Curieuse
398	42BJ19930808	Pacific	Arlindo '93	19930808	19930909	R/V Baruna Jaya
399	42BJ19940128	Pacific	Arlindo '94	19940128	19940225	R/V Baruna Jaya
400	42BR19961121	Pacific	Arlindo '96	19961121	19961213	R/V Baruna Jaya IV
401	42BR19980219	Pacific	Arlindo '98	19960219	19960305	R/V Baruna Jaya IV
402	45CE20090206	Atlantic	CE0903	20090206	20090214	Celtic Explorer
403	45CE20100209	Atlantic	CE10002	20100209	20100216	Celtic Explorer
404	45CE20110103	Atlantic	CE11001	20110103	20110110	Celtic Explorer
405	45CE20120105	Atlantic	CE12001	20120105	20120112	Celtic Explorer
514	49RY19920210	Pacific	WOCE PR01a, 49RY9201_2	19920210	19920219	Ryofu Maru
517	49RY20110515	Pacific	CLIVAR P13_2011, (49UP20110515, RF11-06, RF11-07 and RF11-08)	20110515	20110826	Ryofu Maru
609	49UP20100706	Pacific	49RY20100706, CLIVAR P09_2010, RF10-05	20100706	20100822	Ryofu Maru

No	EXPCODE	Region	Alias	Start	End	Ship
616	49XK19940212	Pacific	WOCE PR23, 49XK9307_3A	19940212	19940216	Kaiyo
617	49XK19940216	Pacific	WOCE PR24, 49XK9307_3B	19940216	19940224	Kaiyo
634	58GS20060721	Arctic	GS2006111, CLIVAR 75N_2006	20060707	20060805	G.O. Sars
635	58GS20090528	Arctic	SARS09, CLIVAR 75N_2009, CARBOOCEAN/MERCLIM/B IAC	20090528	20090811	G.O. Sars
656	58P320011031	Arctic	Time Series: Ocean Weather Station Mike	20011031	20071129	Polarfront
661	64PE20010818	Atlantic	64PE184, CANOBA 1	20010818	20010904	Pelagia
662	64PE20011106	Atlantic	64PE187, CANOBA 2	20011106	20011129	Pelagia
663	64PE20020211	Atlantic	64PE190, CANOBA 3	20020211	20020308	Pelagia
664	64PE20020506	Atlantic	64PE195, CANOBA 4	20020506	20020526	Pelagia
665	64PE20050817	Atlantic	64PE239	20050817	20050906	Pelagia
666	64PE20050907	Atlantic	CLIVAR AR07E_2005, 64PE240	20050907	20051005	Pelagia
667	64PE20070830	Atlantic	CLIVAR AR07E_2007, 64PE275	20070930	20070927	Pelagia
674	740H20081226	Atlantic	CLIVAR A12, JC30; ANDREX-1	20081226	20090130	James Cook
675	740H20090203	Atlantic	CLIVAR_A21_2009 (SR1, SR1b), JC031	20090203	20090303	James Cook
676	740H20090307	Atlantic	CLIVAR_A9.5_2009, JC032	20090307	20090421	James Cook
698	74DI20080820	Atlantic	CLIVAR AR07W_2008, DI332	20080820	20080925	Discovery
699	74DI20100106	Atlantic	CLIVAR A05_2010, 74DI346	20100106	20100218	Discovery
700	74DI20110715	Atlantic	CLIVAR A16N_2011, 74DI368_1,Discovery_368	20110715	20110804	Discovery
703	74JC20100319	Atlantic	CLIVAR A12, JR239; ANDREX-2	20100319	20100424	James Clark Ross
707	77DN20050730	Arctic	ODEN05 (surface), BE05.2	20050730	20050817	Oden
708	77DN20050819	Arctic	ODEN05, AOS-2005	20050819	20050925	Oden
713	90CI19990827	Pacific	OK99, XP99, 90CIXP99	19990827	19990928	Professor Khromov
714	90CI20000602	Pacific	OK00, XP00, 90CIXP00	20000602	20000705	Professor Khromov
716	90JS20080815	Arctic	CLIVAR_ISSS_08	20080815	20080916	Yacob Smirnitskyi
719	CARBOGIB2005	Atlantic	GIFT; CARBOGIB	2005	2007	Al Amir Moulay Abdellah
724	ZZIC2005SWYD	Arctic	SWITCHYARD	2005	2009	Various Aircrafts