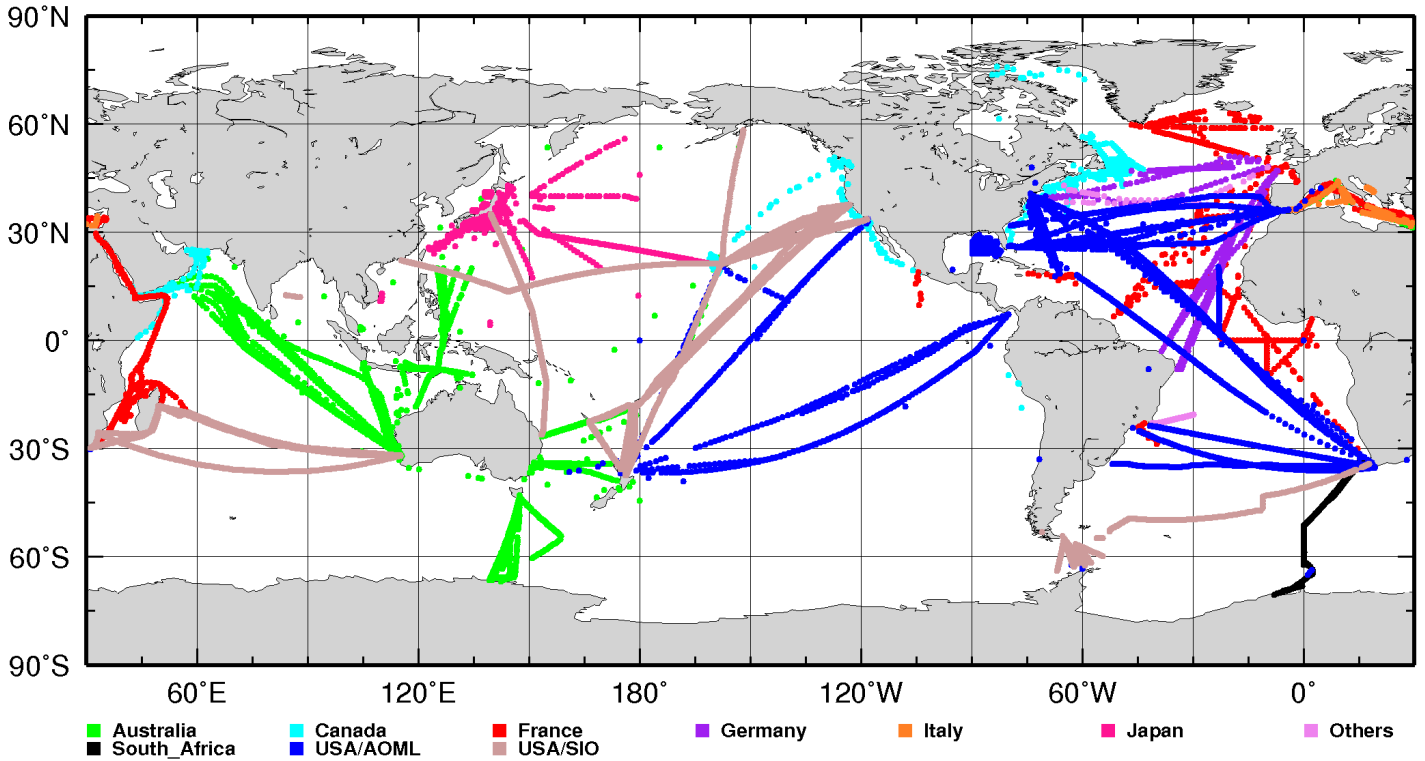


SOOP Operations Report: XBT Program

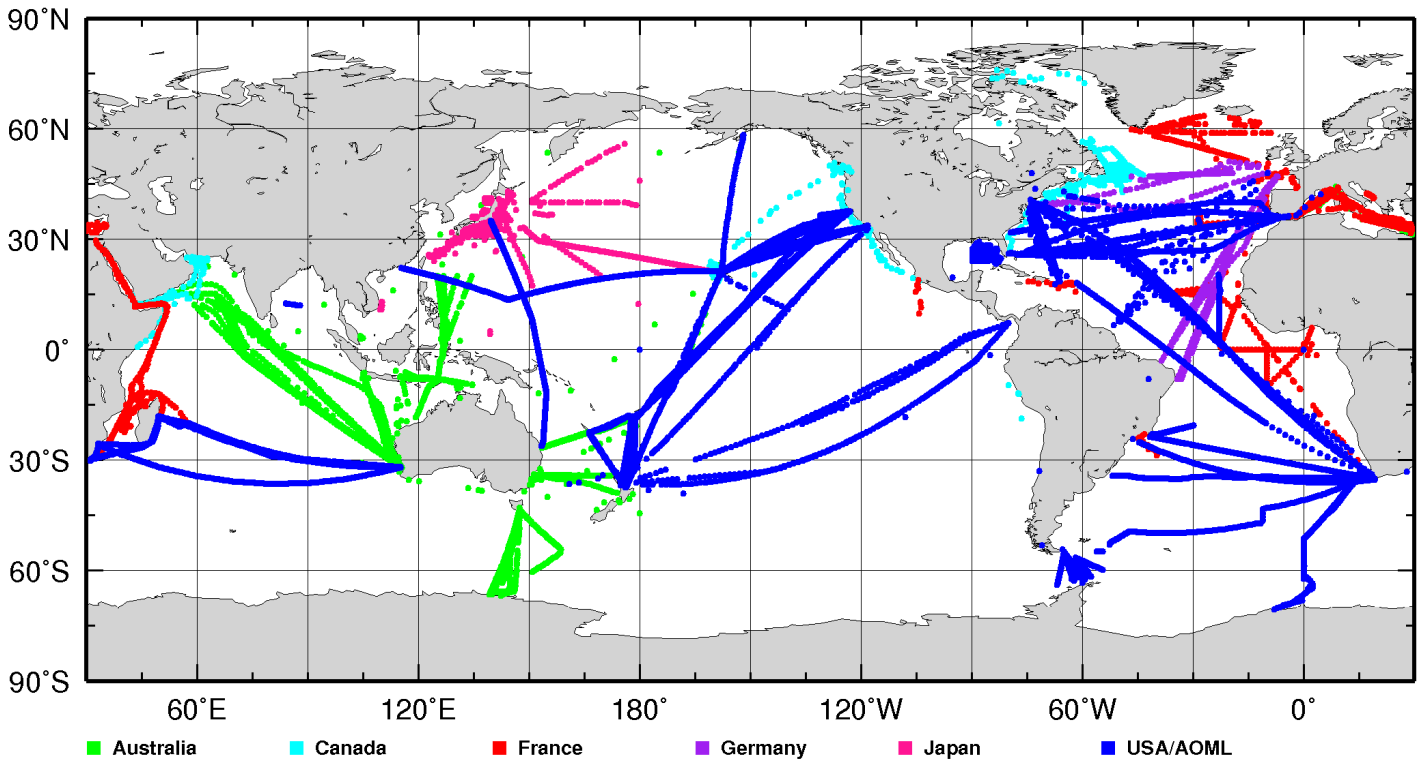
Year: 2010

Updated on Fri Oct 31 14:55:36 UTC 2014

XBT Deployments Y2010 (Total 19150)



XBT Transmissions Y2010 (Total 19150)



Review of XBT Transect Implementation

The table below provides information on the institutions participating in one or more aspects of the implementation of the XBT transects as agreed at SOT-V. The mode of deployment (frequently repeated or high density) as well as the target (expected as 18 times/year for FR and 4 times/year for HD) is also indicated for **2010**. OceanObs09 recommended transects are shaded in green, while non-recommended transects are shaded in yellow.

Transect	Agency	Mode (Target)	Status	Year
AX01	5, 1, 23	FR (5)	Active	1997
AX02	1, 23	HD (1)	Active	
AX03	10	FR (3)	Active	1989
AX07	1	FR (9) / HD (4)	Active	1995
AX08	1, 6	FR (5) / HD (4)	Active	2000
AX10	1	FR (20) / HD (5)	Active	1997
AX11	10	FR (8)	Active	1990
AX15	5	FR (5)	Active	1997-2010
AX18	1, 11, 6	HD (3)	Active	2002
AX20	5, 1, 23	FR (9)	Active	
AX22	2, 1, 11	HD (9)	Active	1996
AX25	1, 6	HD (2)	Active	2004
AX29			Inactive	
AX32	1, 3	FR (2) / HD (8)	Active	1981
AX34			Inactive	
AX97	1, 13	HD (2)	Active	2004
AX04	1	FR (1)	Targeted	
AX19	1	HD (1)	Targeted	

Transect	Agency	Mode (Target)	Status	Year
IX01	9, 1	FR (37)	Active	1987
IX06	6, 2		Suspended	2007
IX07			Inactive	
IX08	12		Inactive	1992
IX09			Inactive	
IX10			Inactive	
IX12	9, 2	FR (14)	Active	1986
IX14	12	FR (1)	Active	1990
IX15	2, 4, 6	HD (3)	Active	1994
IX21	2, 4, 6	HD (3)	Active	1994
IX22	9	FR (7)	Active	1986
IX28	4, 2	HD (5)	Active	1993
IX31	2		Suspended	2006
IX02	2	HD (1)	Targeted	
IX29	4	HD (1)	Active	

Transect	Agency	Mode (Target)	Status	Year
MX01	21, 9	HD	Active (until 2011)	1999
MX02	21, 9	HD	Active (until 2011)	1999
MX04	21, 9	HD	Active (until 2011)	1999
MX05	21, 22		Suspended	1999-2010
MX07	21, 24		Suspended	1999-2010

Transect	Agency	Mode (Target)	Status	Year
PX02	9	FR (20)	Active	1983
PX04	7		Inactive	
PX05	2, 7	HD (8)	Active	2009
PX06	2, 7, 1	HD (7)	Active	1986
PX08	2, 1	FR (6)	Suspended	2004
PX09	2, 1	FR (2) / HD (1)	Active	1987
PX10	2, 1	HD (4)	Active	1991
PX11	9	FR (8)	Active	1986
PX13	2, 7, 1	FR (5)	Active	1986
PX17			Inactive	
PX18			Inactive	
PX21			Inactive	
PX26			Inactive	
PX30	4, 2, 7	HD (4)	Active	1991
PX31	2, 7, 1	HD (7)	Active	1986
PX34	4, 2	HD (1)	Active	1991
PX36			Inactive	
PX37	2, 1	HD (10)	Active	1991
PX38	2	HD (1)	Active	1993
PX40	8	FR (3)	Active	1998
PX44	2, 1	HD (4)	Active	1991
PX50	18, 2		Inactive	1993
PX81	2		Inactive	1997
PX83			Inactive	
PX32	4	HD (2)	Active	
PX33	4	HD (1)	Active	
PX39	25	FR (1)	Targeted	
PX45	16	FR (1)	Targeted	

1 USA-NOAA/AOML	2 USA-SIO	3 USA-NMFS	4 AUS-CSIRO	5 FRA-IRD/BREST
6 ZAF-UCT	7 FRA-IRD/NOUMEA	8 JPN-TOHOKU-U	9 AUS-BOM	10 GER-BSH
11 ARG-SHN	12 IND-NIO	13 BRA-FURG	15 IND	16 JPN-JMA
17 JPN-JAMSTEC	18 NZL-MSNZ	19 JPN	21 IT-ENEA	22 IT-INOCS
23 FRA-UP	24 CY.U.Cyprus	25 CAN-DFO		

Participation by Month - Country/Institution Deploying XBTs

Cntry/Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
AUS	139	340	267	205	299	215	472	342	115	501	293	318	3506
CAN	89	132	121	45	118	107	78	62	39	49	74	6	920
FRA	60	126	85	124	140	133	127	170	100	62	25	26	1178
GER	0	67	51	29	26	91	0	101	47	0	93	29	534
ITA	73	0	41	26	0	15	43	8	0	0	0	15	221
JPN	54	52	146	75	137	100	86	83	26	23	112	50	944
USA/AOML	367	643	221	230	559	762	562	422	667	45	172	567	5217
USA/SIO	752	620	311	717	470	588	324	797	352	917	166	212	6226
ZA	0	137	0	0	0	0	0	0	0	0	0	164	301
Others	0	0	0	0	18	31	0	0	0	0	7	47	103
Total	1534	2117	1243	1451	1767	2042	1692	1985	1346	1597	942	1434	19150

Participation by Month - Country/Institution Transmitting XBTs

Cntry/Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
AUS	139	340	267	205	299	215	472	342	115	501	293	318	3506
CAN	89	132	121	45	118	107	78	62	39	49	74	6	920
FRA	133	126	124	134	131	142	170	163	100	48	25	37	1333
GER	0	67	51	29	26	91	0	101	47	0	93	29	534
JPN	54	52	146	75	137	100	86	83	26	23	112	50	944
USA/AOML	1119	1400	534	963	1056	1387	886	1234	1019	976	345	994	11913
Total	1534	2117	1243	1451	1767	2042	1692	1985	1346	1597	942	1434	19150

Transects by Month

Transect/Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
AX01	0	0	0	18	14	16	0	0	27	5	0	0	80
AX03	0	18	0	0	0	68	0	47	0	0	42	0	175
AX04	0	0	0	0	18	0	0	0	0	0	0	0	18
AX07	64	162	78	35	191	0	0	134	52	43	109	100	968
AX08	7	243	38	103	10	252	115	37	279	0	0	274	1358
AX10	0	84	62	5	95	74	71	127	40	0	0	103	661
AX11	0	49	51	29	26	54	0	54	47	0	51	29	390
AX15	16	17	0	0	11	2	0	2	0	0	0	0	48
AX18	136	40	0	0	4	203	0	0	175	0	0	0	558
AX19	0	186	0	0	0	0	0	0	0	0	0	0	186
AX20	0	0	2	16	9	6	0	15	0	14	0	4	66
AX22	20	99	87	0	72	0	0	0	65	70	71	0	484
AX25	0	137	0	0	0	0	0	0	0	0	0	164	301
AX32	36	28	39	35	0	31	39	0	0	0	0	31	239
AX97	0	0	0	0	0	0	0	0	0	0	7	47	54
IX01	0	0	0	5	97	113	96	109	43	93	99	97	752
IX02	165	69	0	0	0	0	0	0	0	0	0	0	234
IX12	73	123	0	119	71	0	123	136	0	134	55	0	834
IX14	7	0	0	0	0	0	0	0	0	0	0	0	7
IX15	0	0	0	132	0	96	46	0	0	159	0	0	433
IX21	0	0	0	100	0	103	0	0	0	108	0	0	311
IX22	0	9	0	12	0	9	0	7	12	9	0	8	66
IX28	0	101	73	0	0	0	0	0	0	4	65	186	429
IX29	0	0	0	0	0	0	0	0	0	21	0	0	21
PX02	19	25	39	11	6	9	29	32	11	17	14	5	217
PX05	244	56	0	16	275	0	0	312	0	258	0	64	1225
PX06	0	69	0	85	81	0	74	83	0	82	0	66	540
PX08	91	81	0	52	0	3	27	81	79	0	2	0	416
PX09	219	0	0	0	0	16	0	39	0	0	0	0	274
PX10	0	0	50	75	0	123	0	124	120	0	0	0	492
PX11	0	21	0	27	0	31	0	27	40	31	11	18	206
PX13	33	0	0	0	0	0	26	0	41	2	58	54	214
PX30	0	55	46	0	97	0	99	0	0	71	27	0	395
PX31	0	42	0	217	42	0	204	44	0	201	0	56	806
PX32	0	0	55	0	0	0	61	0	0	0	0	0	116
PX33	0	0	0	0	0	0	0	0	0	49	0	0	49
PX34	0	0	0	0	0	0	0	0	0	56	0	0	56
PX37	97	0	174	0	0	178	0	157	112	0	95	26	839
PX38	0	99	0	0	0	0	0	0	0	0	0	0	99
PX39	0	0	0	0	0	17	1	0	0	0	0	0	18
PX40	0	0	113	0	0	28	0	0	0	0	28	0	169
PX44	0	0	0	92	0	88	0	77	55	39	0	0	351
PX45	0	0	0	0	7	0	0	0	0	0	0	0	7
MED	118	23	77	49	0	42	115	76	3	5	0	15	523
ATL	12	95	23	36	203	122	81	102	78	61	99	31	943
PAC	58	92	58	80	143	88	168	149	66	65	97	56	1120
IND	81	90	177	102	121	72	44	14	1	0	12	0	714
GMCS	38	4	1	0	174	198	273	0	0	0	0	0	688
N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1534	2117	1243	1451	1767	2042	1692	1985	1346	1597	942	1434	19150

ATL Atlantic Ocean
MED Mediterranean

GMCS Gulf of Mexico and Caribbean
PAC Pacific Ocean

IND Indian Ocean
N/A Not Available