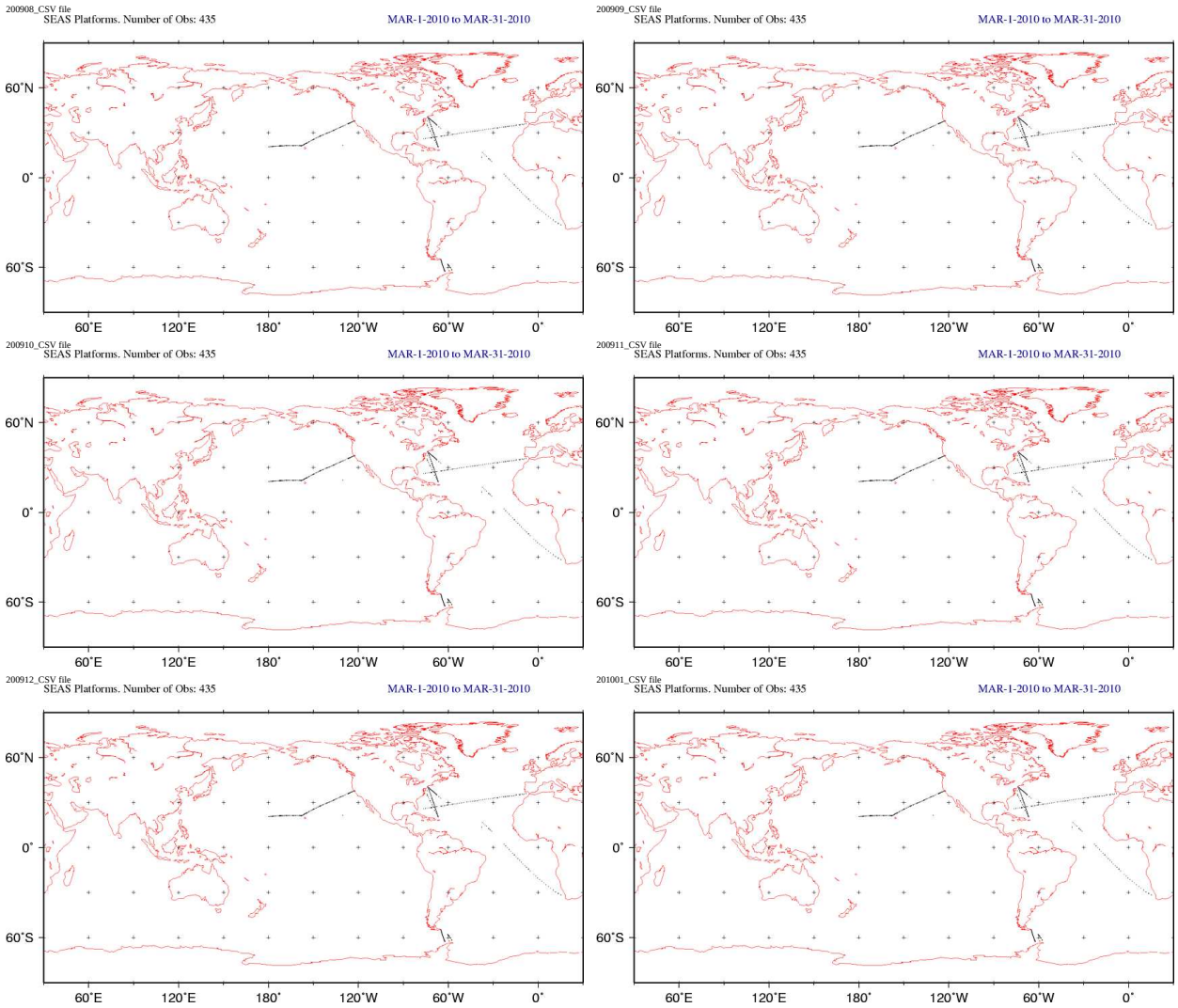
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: JUL 2010

GOOS Operations: XBT Program

PDF file



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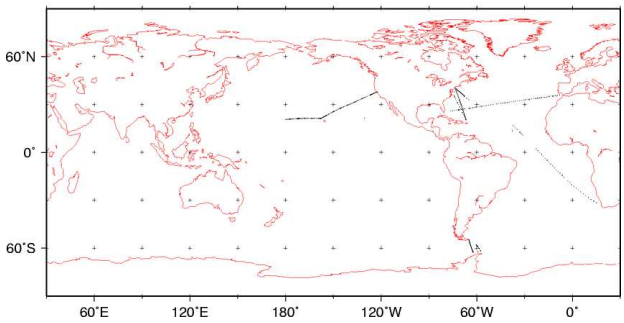

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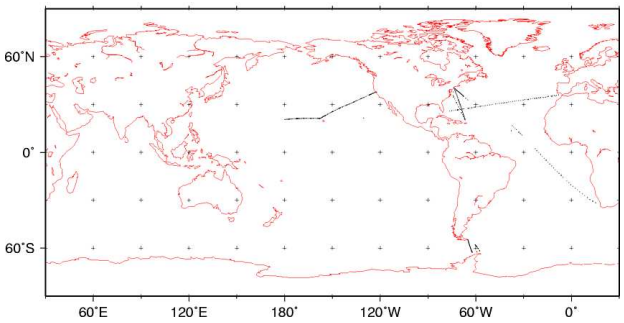

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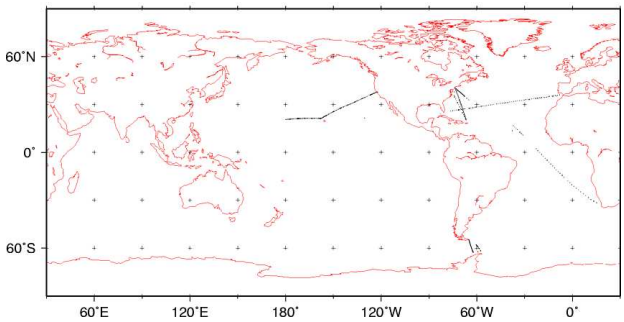

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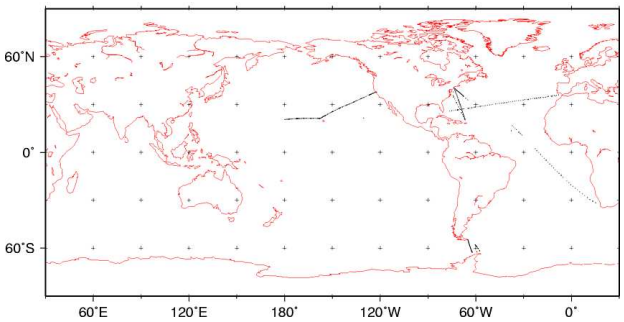

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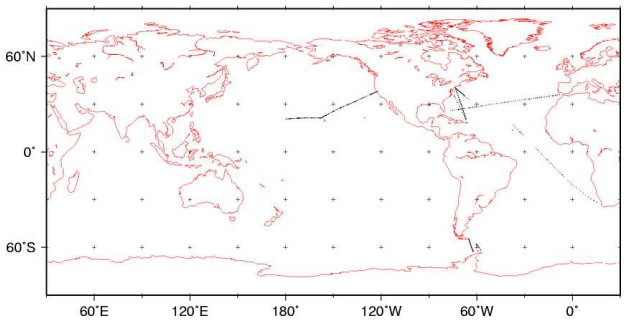

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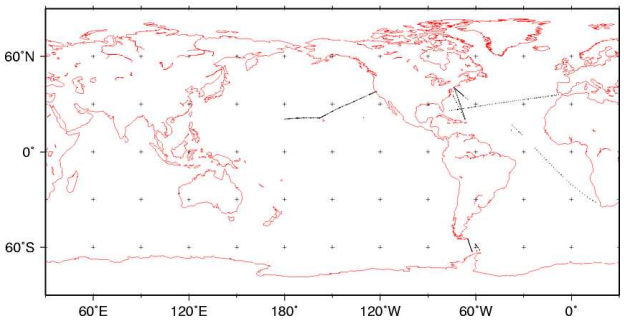


Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:

Ship Name	**Call sign**	**Route**	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	**TOTAL**
			AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	
CAP REINGA	A8FA6	N/A								4					**4**
		PX06									85				**85**
		PX09						210							**210**
		PX13						33							**33**
		PX31					53				217				**270**
JPO SCORPIUS	A8KC6	N/A											1		**1**
		PX31												204	**204**
		PX37												35	**35**
		PX06												74	**74**
MAERSK FUJI	C4BZ2	PX06			181						16	168			**365**
HOEGH ASIA	C6QX7	IX15									132				**132**
		IX21									100				**100**
MONTE SARMIENTO	DCHL2/DCLH2	AX18						136	40						**176**
ER WILHELSHAVEN	ELZY3	N/A	1												**1**
		PX13		67											**67**
HOEGH DUBAI	H3WF	IX15											96	46	**142**
		IX21											103		**103**
MAERSK JAUN	HBDD	PX08	70	73	74										**217**
MAERSK JENAZ	HBDU	PX08				78	75	91	81						**325**
ITAL FORTUNA	ICFO	AX18										4	203		**207**
HOEGH TOKYO	LACZ6	IX15				156									**156**
		IX21				108									**108**
HOEGH OSLO	LAEK7	IX02						165	69						**234**
HOEGH DETROIT	LAHE6	IX15		151											**151**
		IX21		109											**109**
SAFMARINE MERU	MNDC9	PX05	276		207	52		234				230			**999**
MAERSK PHUKET	MYMX5	PX13	67												**67**
		PX31			204										**204**
		PX06			66										**66**
SAFMARINE NGAMI	ONFC	AX08	62		253	5	71	7	243	38	35	10	41	55	**820**
JOSEPHINE MAERSK	OWKF2	N/A				1									**1**
OLEANDER	PJJU/V7SX3	AX32	3	35	32	33	35	36	28	39	35	1	31	41	**349**
CRUZEIRO DO SUL	PWCS	AX18			29	29									**58**
ALMIRANTE SABOIA	PWSB	AX97			40										**40**
TRIDENTE	PWYX	AX97					41								**41**

NANCOWRY	VTXB	IX14						7							**7**
STATE OF MAINE	WCAH	AX03											31		**31**
LAURENCE M.GOULD	WCX7445	AX22		78	78				75	64		72			**367**
FG WALTON SMITH	WCZ6292	N/A											41		**41**
MOANA WAVE	WCZ8065	AX22						20	20	23					**63**
		N/A							3						**3**
HORIZON HAWK	WDD6033	PX10	26	105	28	124				50	75		123		**531**
		PX26	37	33	40	2									**112**
		PX37	78	3	9	79				79			81		**329**
		PX44	1	93	11	94					92		88		**379**
HORIZON TIGER	WDD6042	PX10	16	29											**45**
		PX26	19	41	31										**91**
		PX37		8											**8**
		PX44	7	7	8										**22**
CSX PRODUCER	WJBJ	AX10							83			35			**118**
CSX NAVIGATOR	WPGK	AX10	23	134	17	1	94		1	61	5	60	74	71	**541**
RONALD H. BROWN	WTEC	AX19							186						**186**
		N/A							1			75			**76**
GORDON GUNTER	WTEO	N/A										21			**21**
NANCY FOSTER	WTER	N/A												186	**186**
ROME EXPRESS	ZCDJ3	AX07	46	14	25		21	10	157	19	35	145			**472**
MADRID EXPRESS	ZCDJ5	AX07				193									**193**
BARCELONA EXPRESS	ZCDJ6	AX07	21	196	47	9	35	52	6	58		46			**470**
		N/A					1								**1**
S.A. AGULHAS	ZSAF	AX25					179		137						**316**
		N/A				2									**2**
SAFMARINE ORANJE	ZSDN	AX08	48	19		24	24				2		211	60	**388**
		N/A				1									**1**
	NONE		0	0	0	0	1	0	0	0	0	0	0	0	**1**
TOTAL			**801**	**1195**	**1380**	**991**	**630**	**1001**	**1130**	**435**	**829**	**867**	**1124**	**772**	**11155**

Line-by-line details of monthly XBT observations transmitted via SEAS:

Transects per year: FR/HD														
Route	**Target_Year**	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	**TOTAL**
	18/4	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	
AX03	/													**0**
AX07	12/4	67	210	72	202	56	62	163	77	35	191			**1135**
AX08	8/4	110	19	253	29	95	7	243	38	37	10	252	115	**1208**
AX10	24/5	23	134	17	1	94		84	61	5	95	74	71	**659**
AX18	1/2			29	29		136	40			4	203		**441**
AX19	0/1							186						**186**
AX22	0/8		78	78			20	95	87		72			**430**
AX25	0/2					179		137						**316**
AX32	7/12	3	35	32	33	35	36	28	39	35	1	31	41	**349**
AX97	0/2			40		41								**81**
IX02	/													**0**
IX14	1/0						7							**7**
IX15	0/4		151		156					132		96	46	**581**
IX21	0/4		109		108					100		103		**420**
PX05	0/4	276		207	52		234				230			**999**
PX06	0/6			247						16	168		74	**505**
PX06	0/6			247						16	168		74	**505**
PX08	7/0	70	73	74	78	75	91	81						**542**
PX09	/													**0**
PX10	4/4	42	134	28	124				50	75		123		**576**
PX13	3/0	67	67				33							**167**
PX26	4/2	56	74	71	2									**203**
PX31	1/3			204		53				217			204	**678**
PX37	3/4	78	11	9	79				79			81	35	**372**
PX44	4/4	8	100	19	94					92		88		**401**
N/A		1	0	0	4	2	0	4	4	0	96	42	186	**339**
TOTAL		**801**	**1195**	**1380**	**991**	**630**	**1001**	**1130**	**435**	**829**	**867**	**1124**	**772**	**11100**

Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS. Details per mode of deployment:

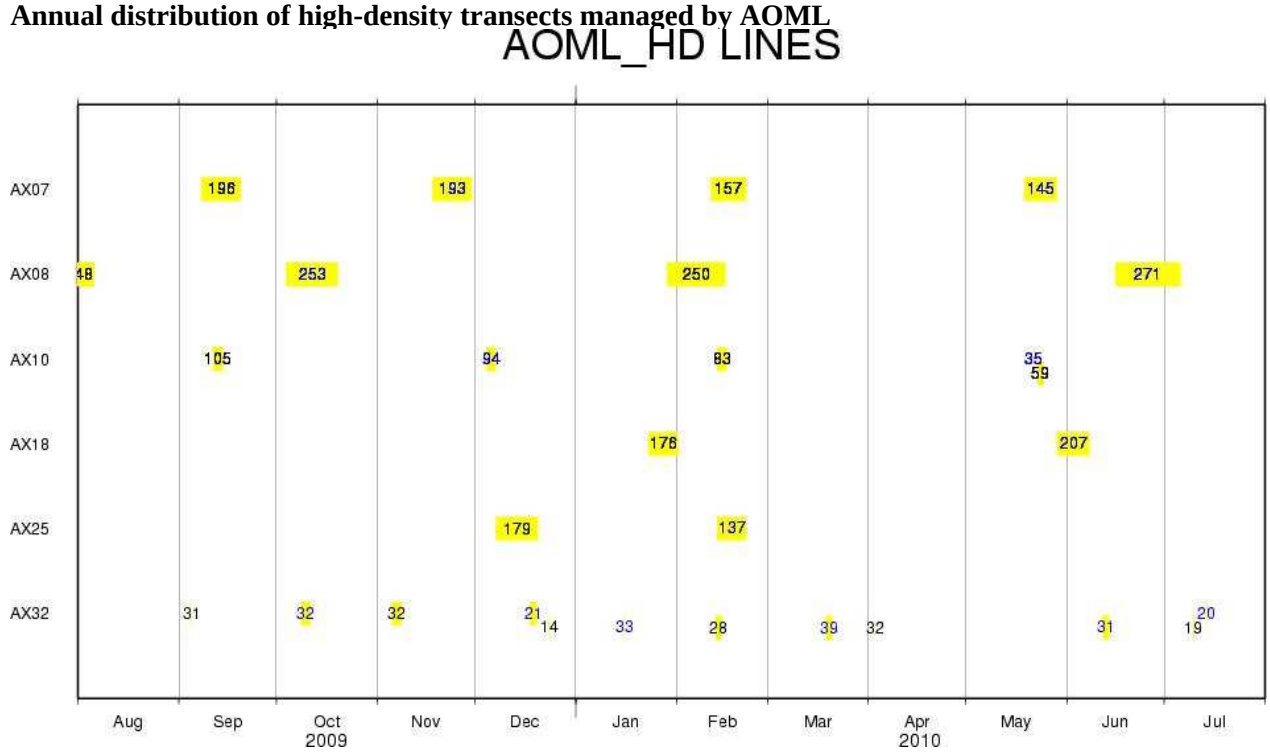
Ship Name	**Call sign**	**Route**	**Type**	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	**TOTAL**
				AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	
CAP REINGA	A8FA6	N/A	FR								4					**4**
		PX06	HD									85				**85**
		PX09	HD						210							**210**
		PX13	FR						33							**33**
		PX31	FR					53								**53**
		PX31	HD									217				**217**
JPO SCORPIUS	A8KC6	N/A	FR											1		**1**
		PX31	HD												204	**204**
		PX37	FR												35	**35**
		PX06	HD												74	**74**
MAERSK FUJI	C4BZ2	PX06	HD			181						16	168			**365**
HOEGH ASIA	C6QX7	IX15	HD									132				**132**
		IX21	HD									100				**100**
MONTE SARMIENTO	DCHL2/DCLH2	AX18	HD						136	40						**176**
ER WILHELSHAVEN	ELZY3	N/A	FR	1												**1**
		PX13	FR		67											**67**
HOEGH DUBAI	H3WF	IX15	HD											96	46	**142**
		IX21	HD											103		**103**
MAERSK JAUN	HBDD	PX08	FR	70	73	74										**217**
MAERSK JENAZ	HBDU	PX08	FR				78	75	91	81						**325**
ITAL FORTUNA	ICFO	AX18	HD										4	203		**207**
HOEGH TOKYO	LACZ6	IX15	HD				156									**156**
		IX21	HD				108									**108**
HOEGH OSLO	LAEK7	IX02	HD						165	69						**234**
HOEGH DETROIT	LAHE6	IX15	HD		151											**151**
		IX21	HD		109											**109**
SAFMARINE MERU	MNDC9	PX05	HD	276		207	52		234				230			**999**
MAERSK PHUKET	MYMX5	PX13	FR	67												**67**
		PX31	HD			204										**204**
		PX06	HD			66										**66**
SAFMARINE NGAMI	ONFC	AX08	FR	62			5	71			38	35	10	41	55	**317**
		AX08	HD			253			7	243						**503**
JOSEPHINE MAERSK	OWKF2	N/A	FR				1									**1**
OLEANDER	PJJU/V7SX3	AX32	FR	3	4		1		3			3	1		2	**17**
		AX32	HD		31	32	32	35	33	28	39	32		31	39	**332**
CRUZEIRO DO SUL	PWCS	AX18	FR			29	29									**58**

ALMIRANTE SABOIA	PWSB	AX97	HD			40										**40**
TRIDENTE	PWYX	AX97	HD					41								**41**
NANCOWRY	VTXB	IX14	FR						7							**7**
STATE OF MAINE	WCAH	AX03	FR											31		**31**
LAURENCE M.GOULD	WCX7445	AX22	HD		78	78				75	64		72			**367**
FG WALTON SMITH	WCZ6292	N/A	HD											41		**41**
MOANA WAVE	WCZ8065	AX22	HD						20	20	23					**63**
		N/A	FR							3						**3**
HORIZON HAWK	WDD6033	PX10	FR	10		28										**38**
		PX10	HD	16	105		124				50	75		123		**493**
		PX26	FR		33											**33**
		PX26	HD	37		40	2									**79**
		PX37	FR		3	9										**12**
		PX37	HD	78			79				79			81		**317**
		PX44	FR	1		11										**12**
		PX44	HD		93		94					92		88		**367**
HORIZON TIGER	WDD6042	PX10	FR	16	29											**45**
		PX26	FR	19	41	31										**91**
		PX37	FR		8											**8**
		PX44	FR	7	7	8										**22**
CSX PRODUCER	WJBJ	AX10	HD							83			35			**118**
CSX NAVIGATOR	WPGK	AX10	FR	23	29	17	1			1	61	5	1	74	71	**283**
		AX10	HD		105			94					59			**258**
RONALD H. BROWN	WTEC	AX19	HD							186						**186**
		N/A	FR							1			75			**76**
GORDON GUNTER	WTEO	N/A	HD										21			**21**
NANCY FOSTER	WTER	N/A	HD												186	**186**
ROME EXPRESS	ZCDJ3	AX07	FR	46	14	25		21	10		19	35				**170**
		AX07	HD							157			145			**302**
MADRID EXPRESS	ZCDJ5	AX07	HD				193									**193**
BARCELONA EXPRESS	ZCDJ6	AX07	FR	21		47	9	35	52	6	58		46			**274**
		AX07	HD		196											**196**
		N/A	FR					1								**1**
S.A. AGULHAS	ZSAF	AX25	HD					179		137						**316**
		N/A	FR				2									**2**
SAFMARINE ORANJE	ZSDN	AX08	FR		19		24	24				2				**69**
		AX08	HD	48										211	60	**319**
		N/A	FR				1									**1**
	NONE			0	0	0	0	1	0	0	0	0	0	0	0	**1**
TOTAL				**801**	**1195**	**1380**	**991**	**630**	**1001**	**1130**	**435**	**829**	**867**	**1124**	**772**	**11155**

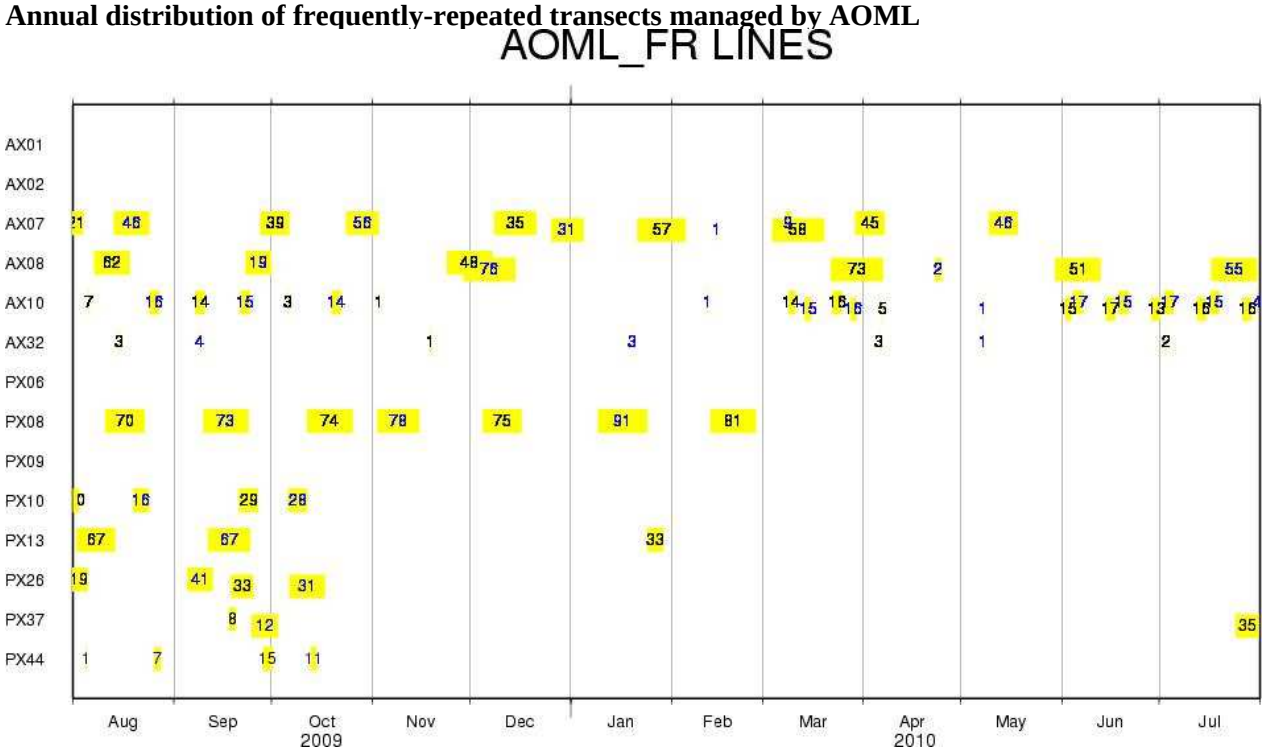
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2009	2009	2009	2009	2009	2010	2010	2010	2010	2010	2010	2010	**TOTAL**
	18/4	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	
AX03	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
AX07	12/4	67/	14/196	72/	9/193	56/	62/	6/157	77/	35/	46/145	/	/	**444/691**
AX08	8/4	62/48	19/	/253	29/	95/	/7	/243	38/	37/	10/	41/211	55/60	**386/822**
AX10	24/5	23/	29/105	17/	1/	/94	/	1/83	61/	5/	1/94	74/	71/	**283/376**
AX18	1/2	/	/	29/	29/	/	/136	/40	/	/	/4	/203	/	**58/383**
AX19	0/1	/	/	/	/	/	/	/186	/	/	/	/	/	**0/186**
AX22	0/8	/	/78	/78	/	/	/20	/95	/87	/	/72	/	/	**0/430**
AX25	0/2	/	/	/	/	/179	/	/137	/	/	/	/	/	**0/316**
AX32	7/12	3/	4/31	/32	1/32	/35	3/33	/28	/39	3/32	1/	/31	2/39	**17/332**
AX97	0/2	/	/	/40	/	/41	/	/	/	/	/	/	/	**0/81**
IX02	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
IX14	1/0	/	/	/	/	/	7/	/	/	/	/	/	/	**7/0**
IX15	0/4	/	/151	/	/156	/	/	/	/	/132	/	/96	/46	**0/581**
IX21	0/4	/	/109	/	/108	/	/	/	/	/100	/	/103	/	**0/420**
PX05	0/4	/276	/	/207	/52	/	/234	/	/	/	/230	/	/	**0/999**
PX06	0/6	/	/	/247	/	/	/	/	/	/16	/168	/	/74	**0/505**
PX06	0/6	/	/	/247	/	/	/	/	/	/16	/168	/	/74	**0/505**
PX08	7/0	70/	73/	74/	78/	75/	91/	81/	/	/	/	/	/	**542/0**
PX09	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
PX10	4/4	26/16	29/105	28/	/124	/	/	/	/50	/75	/	/123	/	**83/493**
PX13	3/0	67/	67/	/	/	/	33/	/	/	/	/	/	/	**167/0**
PX26	4/2	19/37	74/	31/40	/2	/	/	/	/	/	/	/	/	**124/79**
PX31	1/3	/	/	/204	/	53/	/	/	/	/217	/	/	/204	**53/625**
PX37	3/4	/78	11/	9/	/79	/	/	/	/79	/	/	/81	35/	**55/317**
PX44	4/4	8/	7/93	19/	/94	/	/	/	/	/92	/	/88	/	**34/367**
N/A		1	0	0	4	2	0	4	4	0	96	42	186	**339**

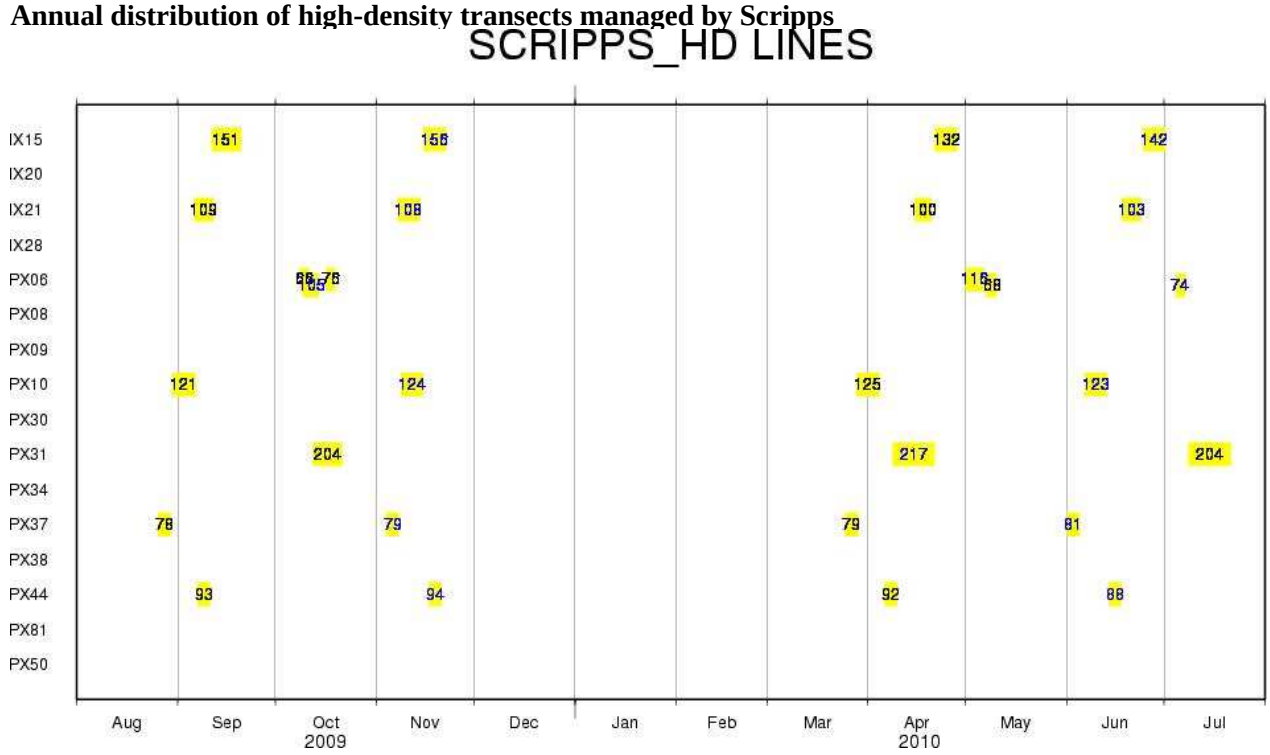
Annual distribution of high-density transects managed by AOML



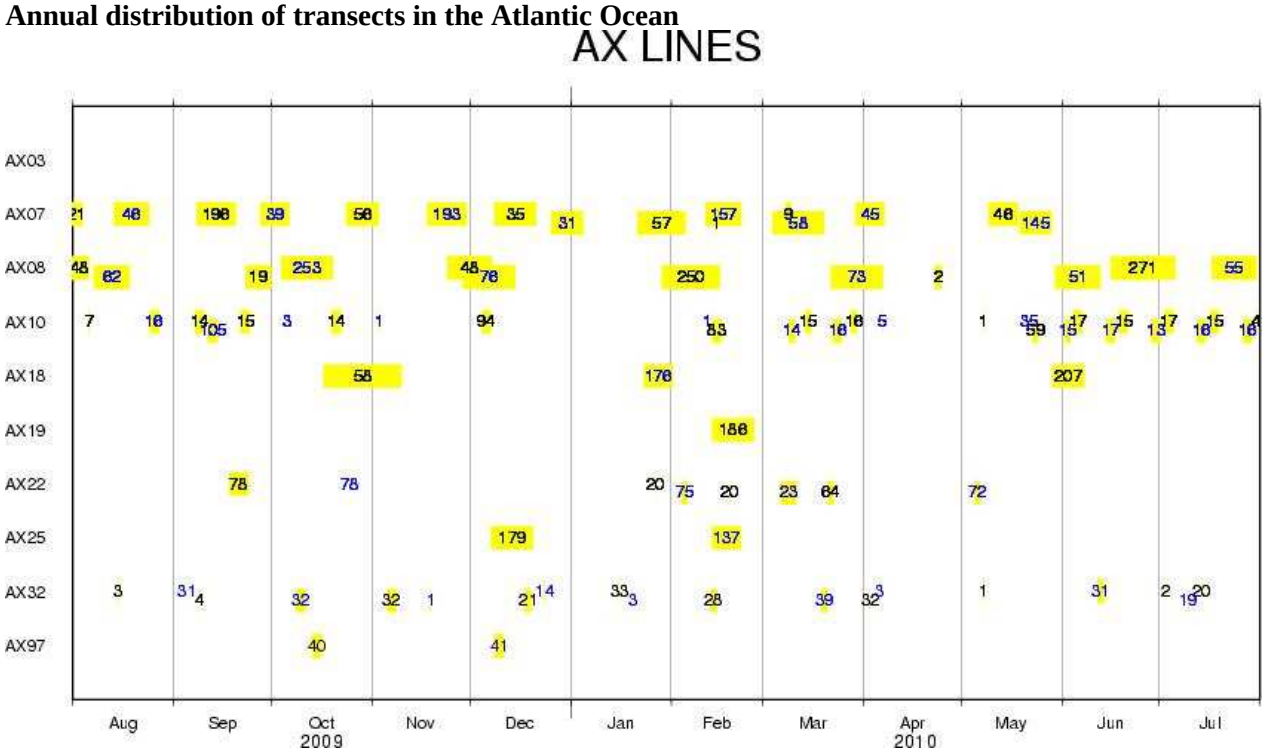
Annual distribution of frequently-repeated transects managed by AOML



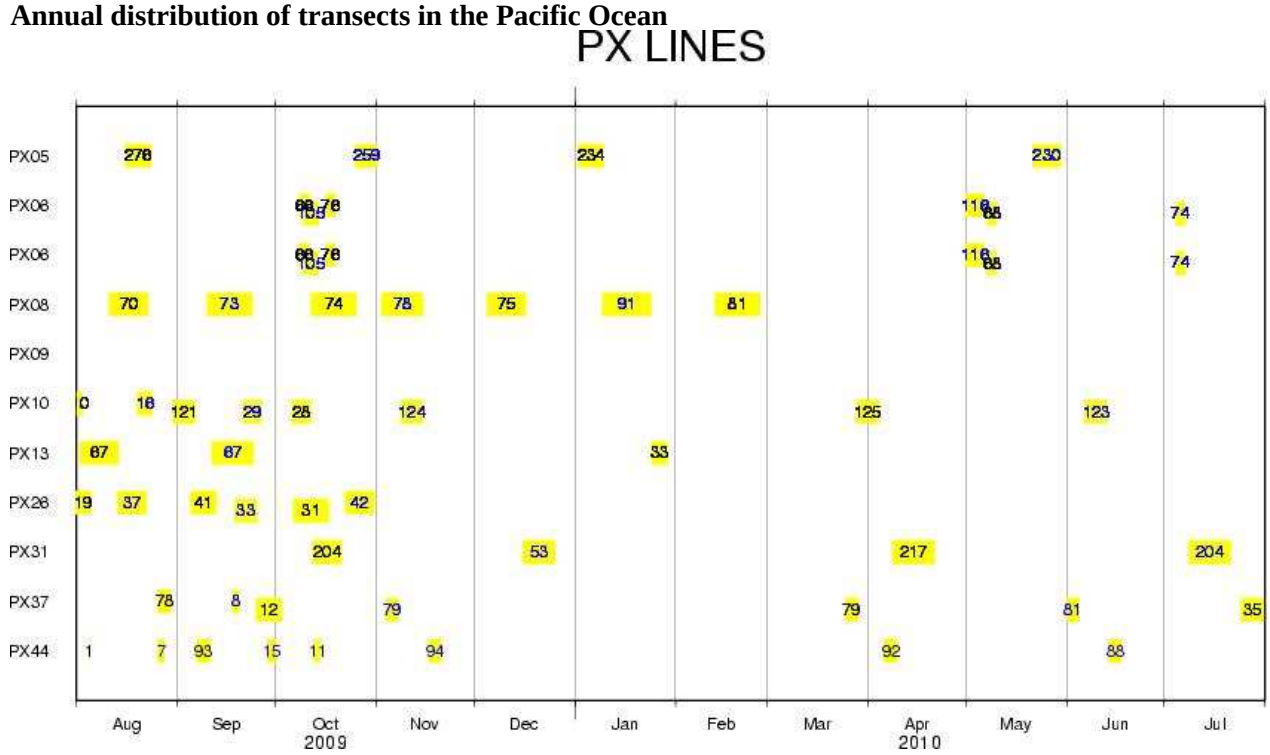
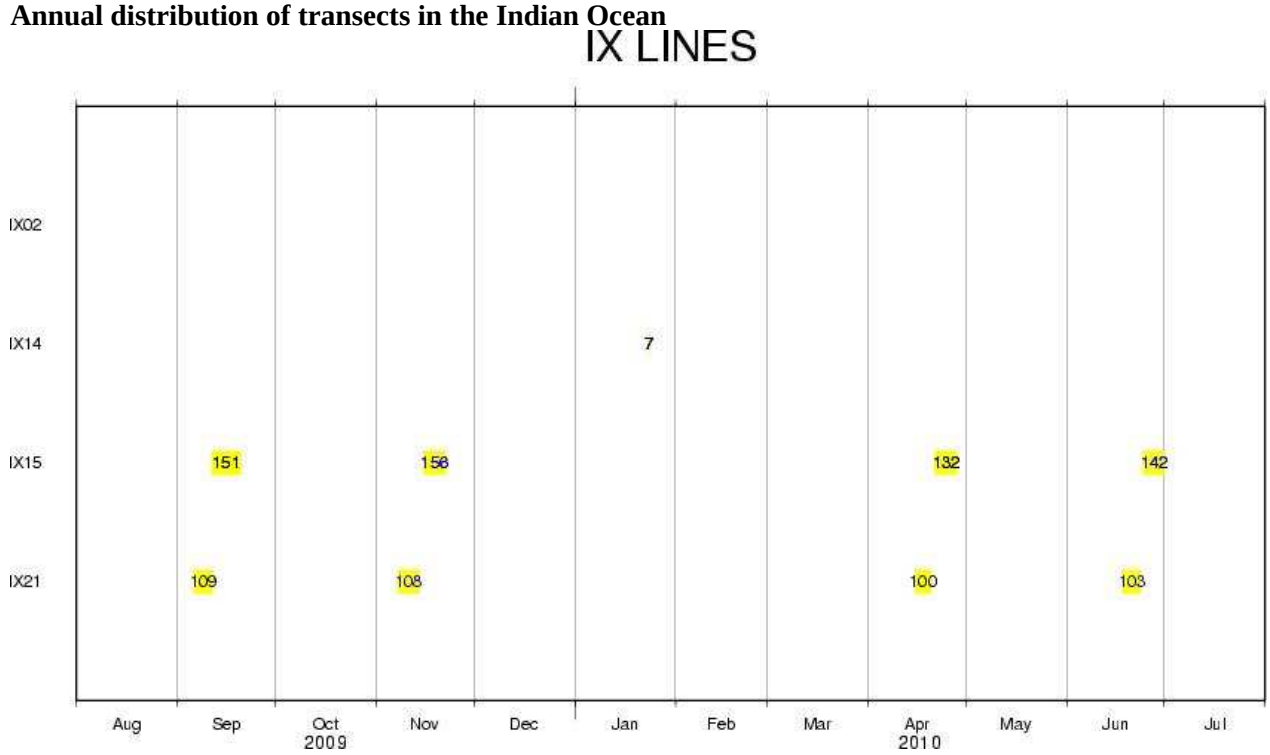
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean