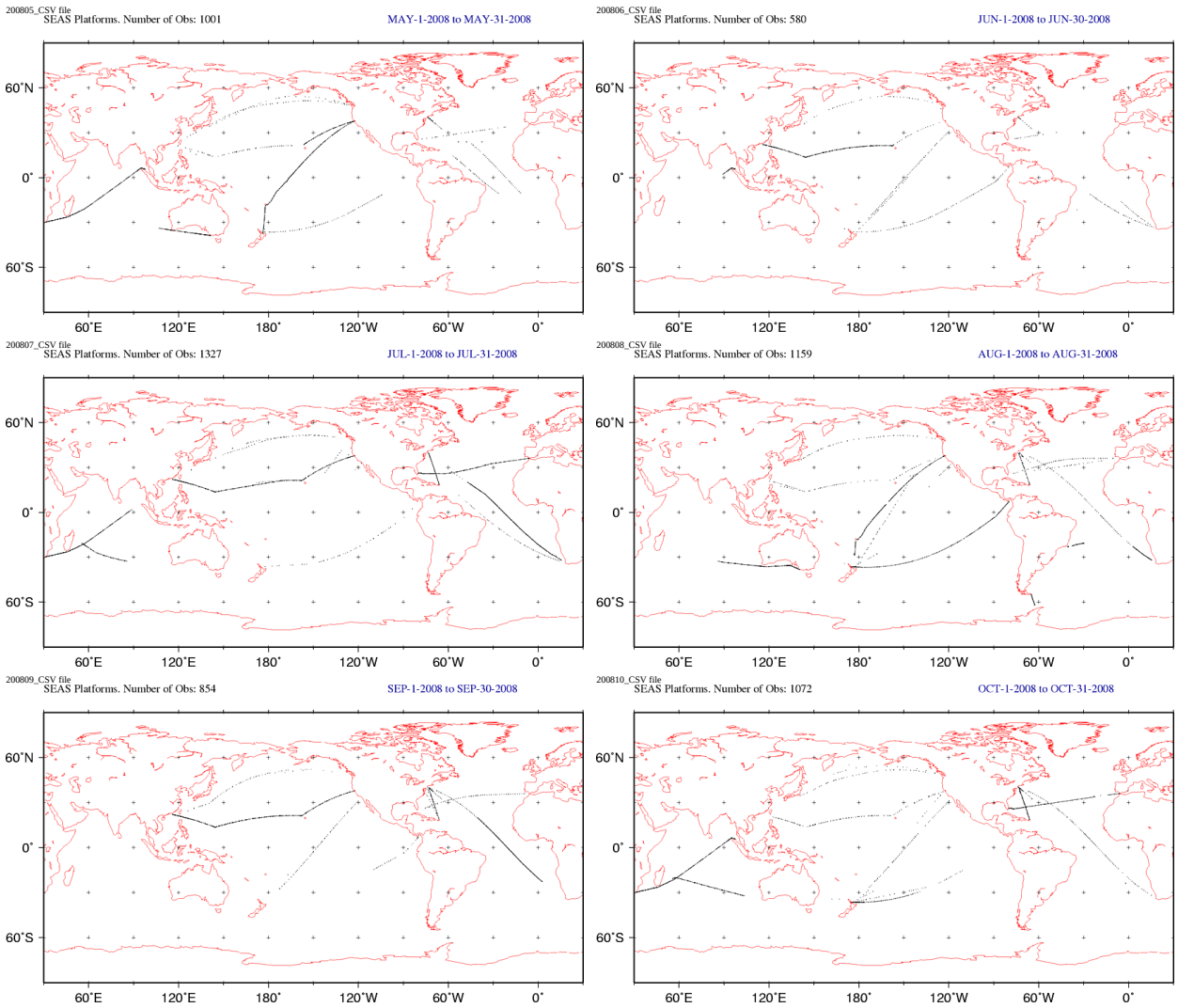
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: APR 2009

GOOS Operations: XBT Program

PDF file



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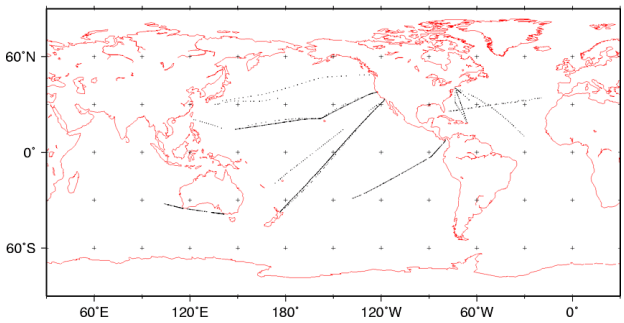

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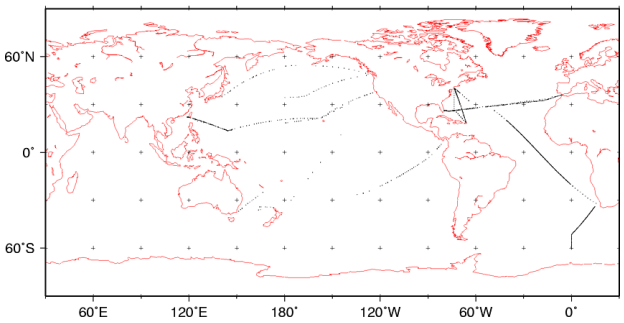

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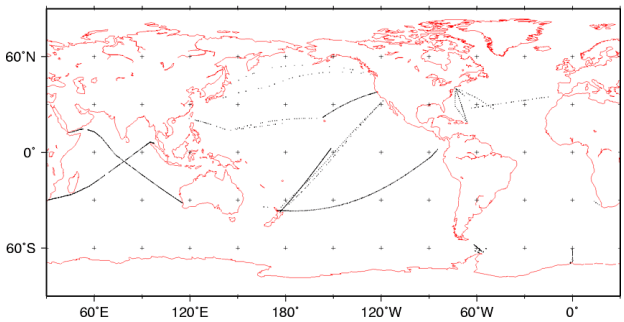

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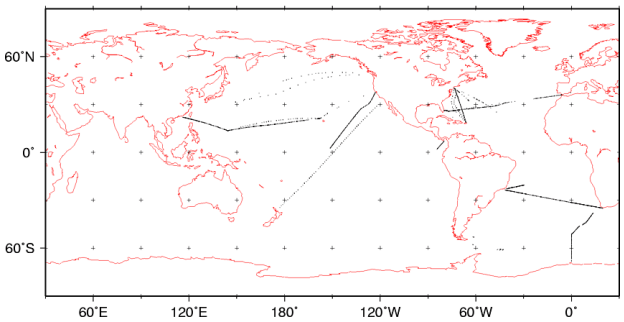

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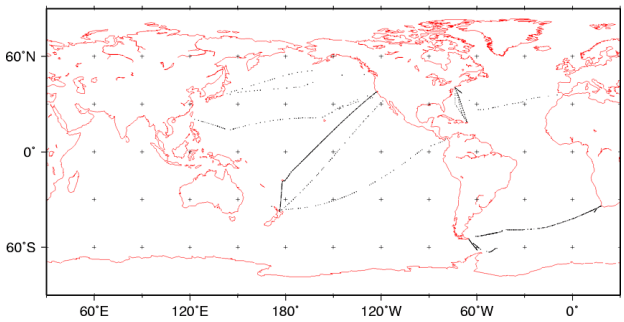

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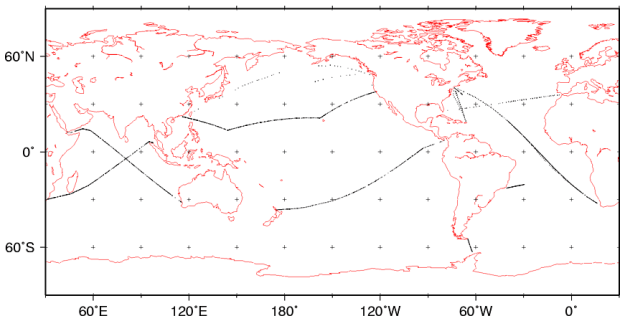


Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:

Ship Name	**Call sign**	**Route**	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	**TOTAL**
			MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
DIRECT CONDOR	A8AL3	PX13		27	11	38	53	5	52	6	51		55		**298**
		PX28				8		6							**14**
		PX83		1		1		2		7	2				**13**
SAFMARINE ZAMBEZI	A8CE9	AX08	69	51	48	63		71			4	18			**324**
CMA CGM LAVENDER	A8IG2	IX15			83	72		123	35		202			192	**707**
		IX31	100			74			65						**239**
MONTE AZUL	DFTH2	AX18										168			**168**
MAERSK NEW ORLEANS	ELZY3	PX13	2	54	3	11	1	53	244		207	190			**765**
		PX31	212			213			42	11			208		**686**
		PX06	71			61							69		**201**
ROGER REVELLE	KAOU	AX19										2	152		**154**
SAFMARINE MERU	MNDC9	IX21	92		95			91			92			87	**457**
		IX06	119	36	79			117			109			99	**559**
SAFMARINE NGAMI	ONFC	AX08			269	50	234	9	34	206	18			84	**904**
JOSEPHINE MAERSK	OWKF2	PX08	53	76	37	221	24	121	124	31	219	21	54	193	**1174**
OLEANDER	PJJU	AX32	34	15		18	26	22	20	24	15	20	19	20	**233**
MATTOSO MAIA	PWMM	AX97				32									**32**
SIRIUS	PWQO	AX97										45			**45**
		N/A		1											**1**
TRIDENTE	PWYX	AX97												48	**48**
YUZHMORGEOLOGIYA	UBSZ	AX22									62	2	16		**80**
		N/A									9	10	15		**34**
LAURENCE M.GOULD	WCX7445	AX22				68							66	67	**201**
		N/A		1											**1**
HORIZON HAWK	WDD6033	PX10	12	123	122	10	120	25	108	16	14	114	26	116	**806**
		PX26	35	34	24	9	10	16	34	34	16	18	17	8	**255**
		PX37	76	5	86	8	79	11	81	8	73	4	10	71	**512**
		PX44	9	91	91	6	90	10		67	7	91	6	87	**555**
HORIZON TIGER	WDD6042	PX10	25	33	18	17	37	33	25	33	25	27	10	23	**306**
		PX26	44		39	37	40	37	17	23	21	18	22	33	**331**
		PX37	17	17	5	14		12	14	17		7	14	3	**120**
		PX44	5	1	11	16	12	15	12	10	13		14	18	**127**
CSX NAVIGATOR	WPGK	AX10			111	47	78	114	66	144	54	145	66	59	**884**
VERACRUZ EXPRESS	ZCDJ2	AX07								184					**184**
ROME EXPRESS	ZCDJ3	AX07	26		195	20	3	176	34		28	169		33	**684**
		N/A							1	1					**2**
BARCELONA EXPRESS	ZCDJ6	AX07		14		45	47	2	21	37	4	12	25	21	**228**
S.A. AGULHAS	ZSAF	AX25								127	29	140	31		**327**
SAFMARINE ORANJE	ZSDN	AX08												251	**251**
OTHER															
MAERSK JAUN	HBDD		0	0	0	0	0	0	0	0	0	1	0	0	**1**
MIRAI	JNSR		0	0	0	0	0	1	0	0	0	0	0	0	**1**
	WCAH		0	0	0	0	0	0	0	0	0	0	0	0	**0**

TOTAL			**1001**	**580**	**1327**	**1159**	**854**	**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**12912**

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

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	**TOTAL**
	18/4	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
AX07	13/4	26	14	195	65	50	178	55	221	32	181	25	54	**1096**
AX08	9/4	69	51	317	113	234	80	34	206	22	18		335	**1479**
AX10	34/4			111	47	78	114	66	144	54	145	66	59	**884**
AX18	0/1										168			**168**
AX19	0/1										2	152		**154**
AX22	0/7				68					62	2	82	67	**281**
AX25	0/2								127	29	140	31		**327**
AX32	4/12	34	15		18	26	22	20	24	15	20	19	20	**233**
AX97	0/3				32						45		48	**125**
IX06	0/5	119	36	79			117			109			99	**559**
IX15	0/4			83	72		123	35		202			192	**707**
IX21	0/5	92		95			91			92			87	**457**
IX31	0/3	100			74			65						**239**
PX06	0/3	71			61							69		**201**
PX08	6/4	53	76	37	221	24	121	124	31	219	21	54	193	**1174**
PX10	15/6	37	156	140	27	157	58	133	49	39	141	36	139	**1112**
PX13	15/2	2	81	14	49	54	58	296	6	258	190	55		**1063**
PX26	20/0	79	34	63	46	50	53	51	57	37	36	39	41	**586**
PX28	2/0				8		6							**14**
PX31	1/3	212			213			42	11			208		**686**
PX37	14/6	93	22	91	22	79	23	95	25	73	11	24	74	**632**
PX44	15/6	14	92	102	22	102	25	12	77	20	91	20	105	**682**
PX83	6/0		1		1		2		7	2				**13**
N/A		0	2	0	0	0	1	1	1	9	11	15	0	**40**
TOTAL		**1001**	**580**	**1327**	**1159**	**854**	**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**12912**

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

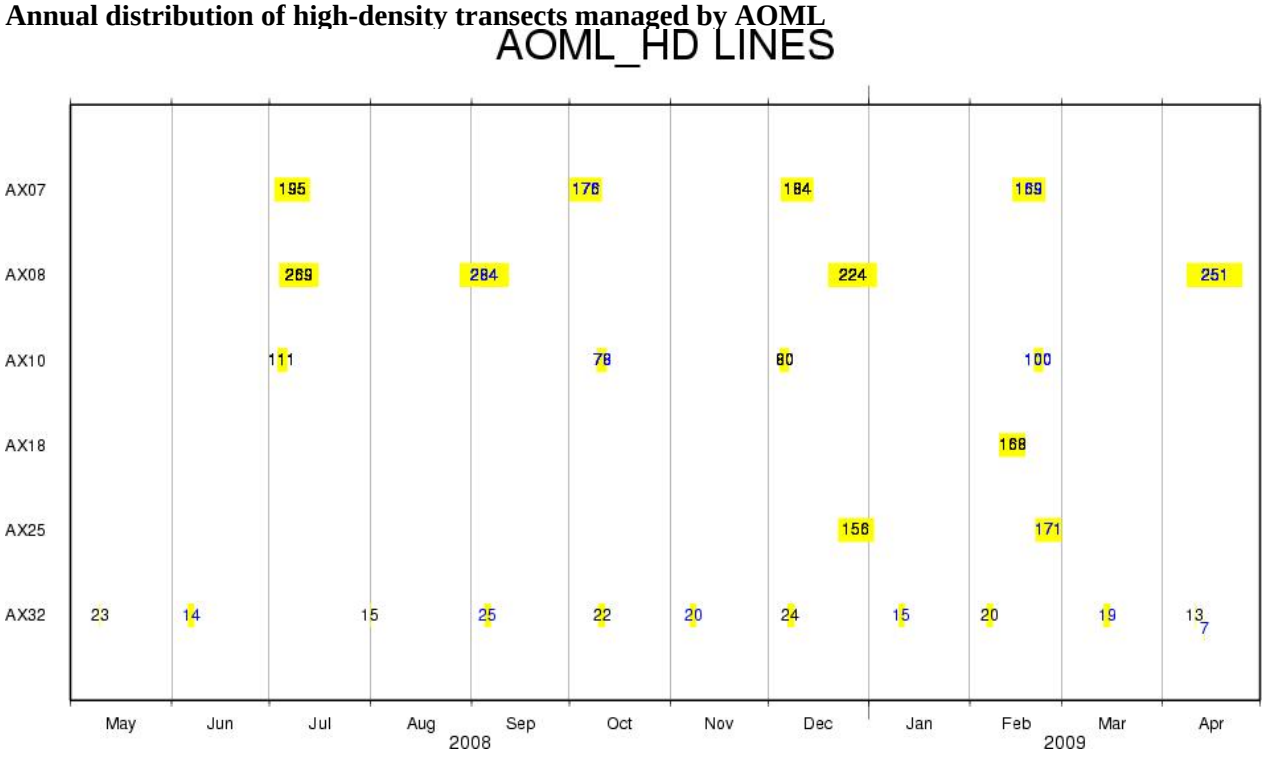
Ship Name	**Call sign**	**Route**	**Type**	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	**TOTAL**
				MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
DIRECT CONDOR	A8AL3	PX13	FR		27	11	38	53	5	52	6	51		55		**298**
		PX28	FR				8		6							**14**
		PX83	FR		1		1		2		7	2				**13**
SAFMARINE ZAMBEZI	A8CE9	AX08	FR	69	51	48	63		71			4	18			**324**
CMA CGM LAVENDER	A8IG2	IX15	HD			83	72		123	35		202			192	**707**
		IX31	HD	100			74			65						**239**
MONTE AZUL	DFTH2	AX18	HD										168			**168**
MAERSK NEW ORLEANS	ELZY3	PX13	FR	2	54	3	11	1	53			63	60			**247**
		PX13	HD							244		144	130			**518**
		PX31	FR							42	11					**53**
		PX31	HD	212			213							208		**633**
		PX06	HD	71			61							69		**201**
ROGER REVELLE	KAOU	AX19	HD										2	152		**154**
SAFMARINE MERU	MNDC9	IX21	HD	92		95			91			92			87	**457**
		IX06	HD	119	36	79			117			109			99	**559**
SAFMARINE NGAMI	ONFC	AX08	FR						9	34					84	**127**
		AX08	HD			269	50	234			206	18				**777**
JOSEPHINE MAERSK	OWKF2	PX08	FR	53	76	37		24	35		31			54		**310**
		PX08	HD				221		86	124		219	21		193	**864**
OLEANDER	PJJU	AX32	FR	11	1		3	1								**16**
		AX32	HD	23	14		15	25	22	20	24	15	20	19	20	**217**
MATTOSO MAIA	PWMM	AX97	HD				32									**32**
SIRIUS	PWQO	AX97	HD										45			**45**
		N/A	FR		1											**1**
TRIDENTE	PWYX	AX97	HD												48	**48**
YUZHMORGEOLOGIYA	UBSZ	AX22	HD									62	2	16		**80**
		N/A	FR									9	10	15		**34**
LAURENCE M.GOULD	WCX7445	AX22	HD				68							66	67	**201**
		N/A	FR		1											**1**
HORIZON HAWK	WDD6033	PX10	FR	12			10		25		9	14		26		**96**
		PX10	HD		123	122		120		108	7		114		116	**710**
		PX26	FR	35	34	24	9	10	16	34	34	16	18	17	8	**255**
		PX37	FR				8		11		8			10		**37**
		PX37	HD	76	5	86		79		81		73	4		71	**475**
		PX44	FR	9			6		10			7		6		**38**
		PX44	HD		91	91		90			67		91		87	**517**
HORIZON TIGER	WDD6042	PX10	FR	25	33	18	17	37	33	25	33	25	27	10	23	**306**
		PX26	FR	44		39	37	40	37	17	23	21	18	22	33	**331**
		PX37	FR	17	17	5	14		12	14	17		7	14	3	**120**
		PX44	FR	5	1	11	16	12	15	12	10	13		14	18	**127**
CSX NAVIGATOR	WPGK	AX10	FR				47	78	36	66	64	54	45	66	59	**515**
		AX10	HD			111			78		80		100			**369**
VERACRUZ EXPRESS	ZCDJ2	AX07	HD								184					**184**
ROME EXPRESS	ZCDJ3	AX07	FR	26			20	3		34		28			33	**144**

		AX07	HD			195			176				169			**540**
		N/A	FR							1	1					**2**
BARCELONA EXPRESS	ZCDJ6	AX07	FR		14		45	47	2	21	37	4	12	25	21	**228**
S.A. AGULHAS	ZSAF	AX25	HD								127	29	140	31		**327**
SAFMARINE ORANJE	ZSDN	AX08	HD												251	**251**
OTHER																
MAERSK JAUN	HBDD			0	0	0	0	0	0	0	0	0	1	0	0	**1**
MIRAI	JNSR			0	0	0	0	0	1	0	0	0	0	0	0	**1**
	WCAH			0	0	0	0	0	0	0	0	0	0	0	0	**0**
TOTAL				**1001**	**580**	**1327**	**1159**	**854**	**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**12912**

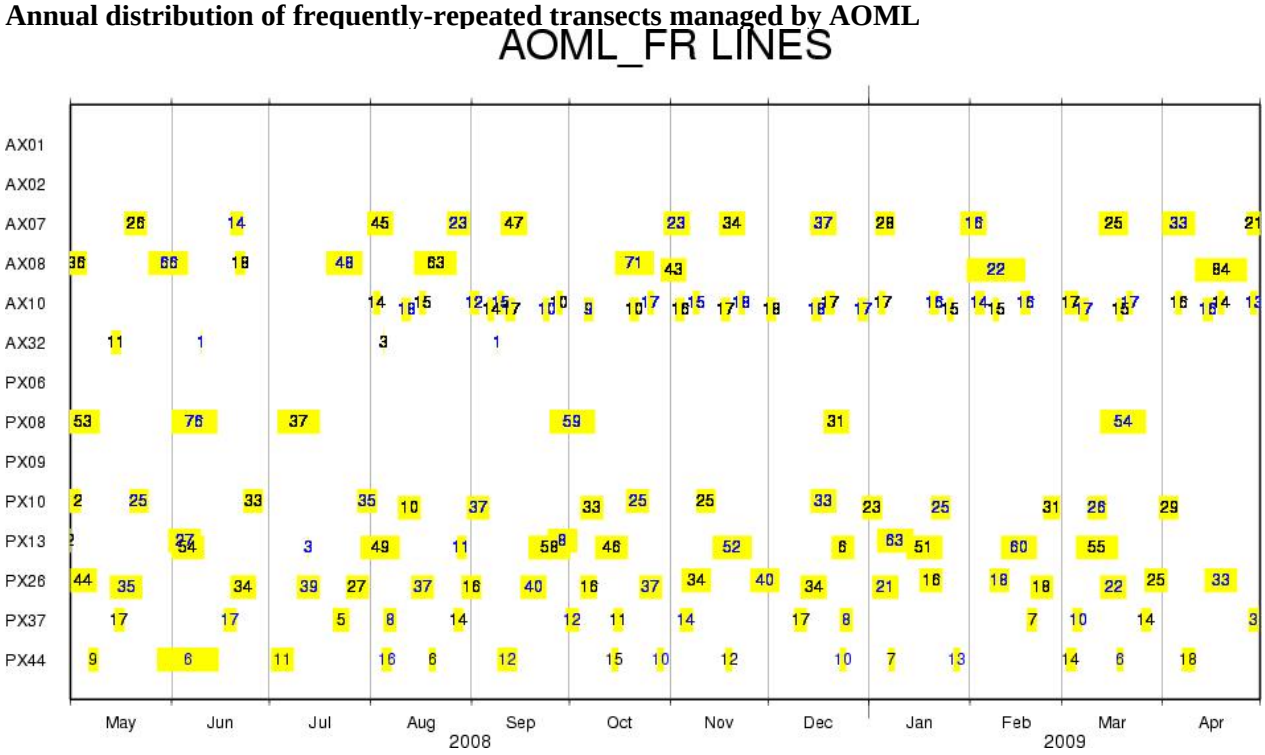
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2008	2008	2008	2008	2008	2009	2009	2009	2009	**TOTAL**
	18/4	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
AX07	13/4	26/	14/	/195	65/	50/	2/176	55/	37/184	32/	12/169	25/	54/	**372/724**
AX08	9/4	69/	51/	48/269	63/50	/234	80/	34/	/206	4/18	18/	/	84/251	**451/1028**
AX10	34/4	/	/	/111	47/	78/	36/78	66/	64/80	54/	45/100	66/	59/	**515/369**
AX18	0/1	/	/	/	/	/	/	/	/	/	/168	/	/	**0/168**
AX19	0/1	/	/	/	/	/	/	/	/	/	/2	/152	/	**0/154**
AX22	0/7	/	/	/	/68	/	/	/	/	/62	/2	/82	/67	**0/281**
AX25	0/2	/	/	/	/	/	/	/	/127	/29	/140	/31	/	**0/327**
AX32	4/12	11/23	1/14	/	3/15	1/25	/22	/20	/24	/15	/20	/19	/20	**16/217**
AX97	0/3	/	/	/	/32	/	/	/	/	/	/45	/	/48	**0/125**
IX06	0/5	/119	/36	/79	/	/	/117	/	/	/109	/	/	/99	**0/559**
IX15	0/4	/	/	/83	/72	/	/123	/35	/	/202	/	/	/192	**0/707**
IX21	0/5	/92	/	/95	/	/	/91	/	/	/92	/	/	/87	**0/457**
IX31	0/3	/100	/	/	/74	/	/	/65	/	/	/	/	/	**0/239**
PX06	0/3	/71	/	/	/61	/	/	/	/	/	/	/69	/	**0/201**
PX08	6/4	53/	76/	37/	/221	24/	35/86	/124	31/	/219	/21	54/	/193	**310/864**
PX10	15/6	37/	33/123	18/122	27/	37/120	58/	25/108	42/7	39/	27/114	36/	23/116	**402/710**
PX13	15/2	2/	81/	14/	49/	54/	58/	52/244	6/	114/144	60/130	55/	/	**545/518**
PX26	20/0	79/	34/	63/	46/	50/	53/	51/	57/	37/	36/	39/	41/	**586/0**
PX28	2/0	/	/	/	8/	/	6/	/	/	/	/	/	/	**14/0**
PX31	1/3	/212	/	/	/213	/	/	42/	11/	/	/	/208	/	**53/633**
PX37	14/6	17/76	17/5	5/86	22/	/79	23/	14/81	25/	/73	7/4	24/	3/71	**157/475**
PX44	15/6	14/	1/91	11/91	22/	12/90	25/	12/	10/67	20/	/91	20/	18/87	**165/517**
PX83	6/0	/	1/	/	1/	/	2/	/	7/	2/	/	/	/	**13/0**
N/A		0	2	0	0	0	1	1	1	9	11	15	0	**40**

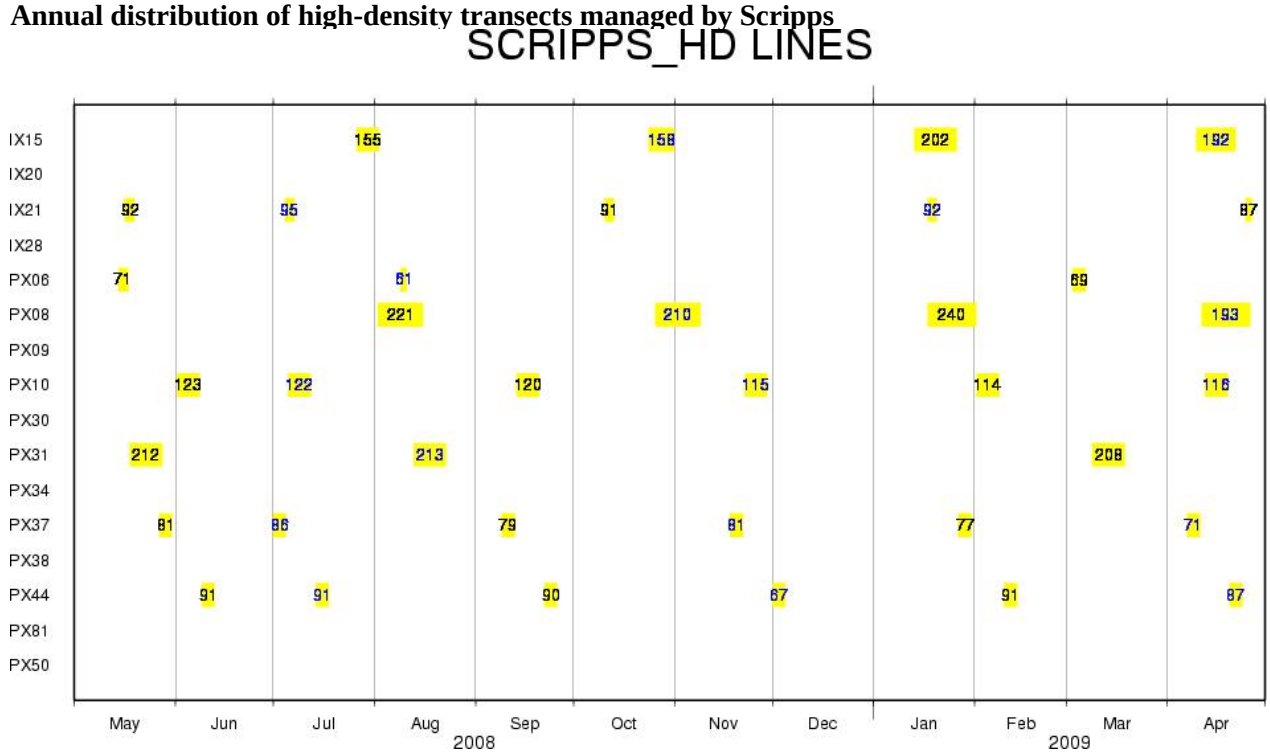
Annual distribution of high-density transects managed by AOML



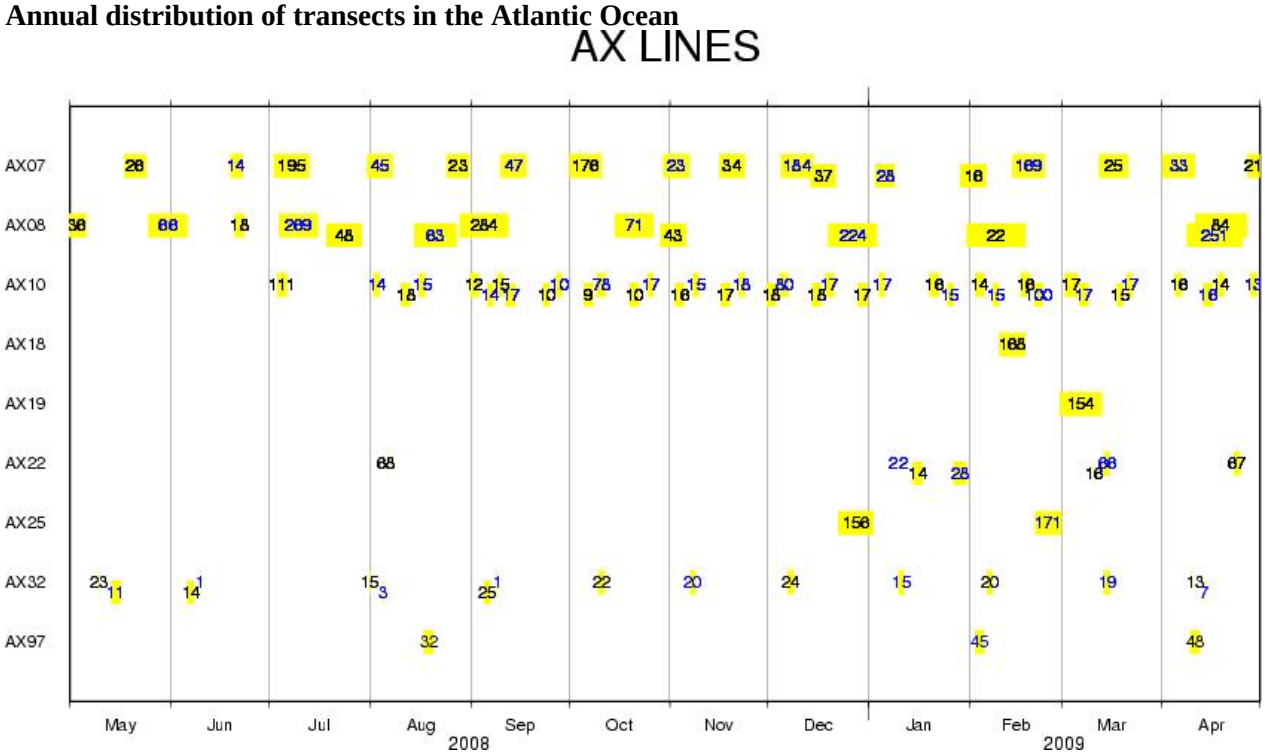
Annual distribution of frequently-repeated transects managed by AOML



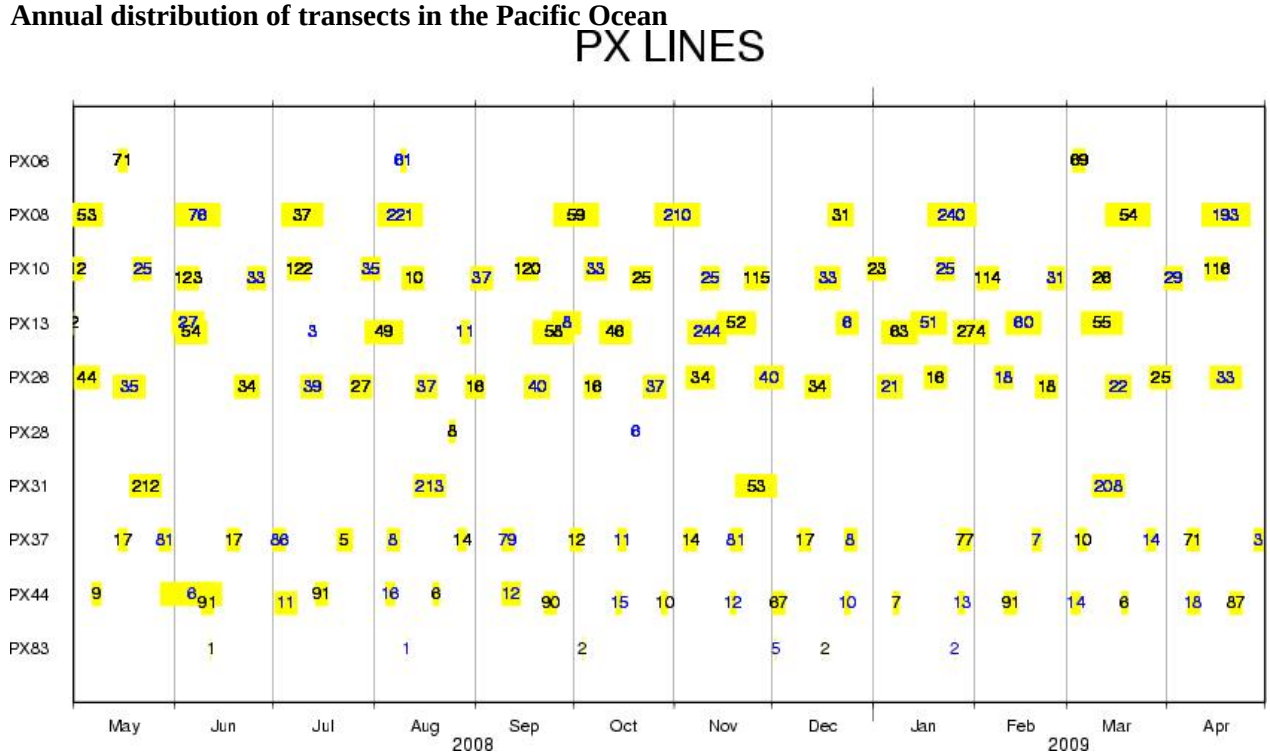
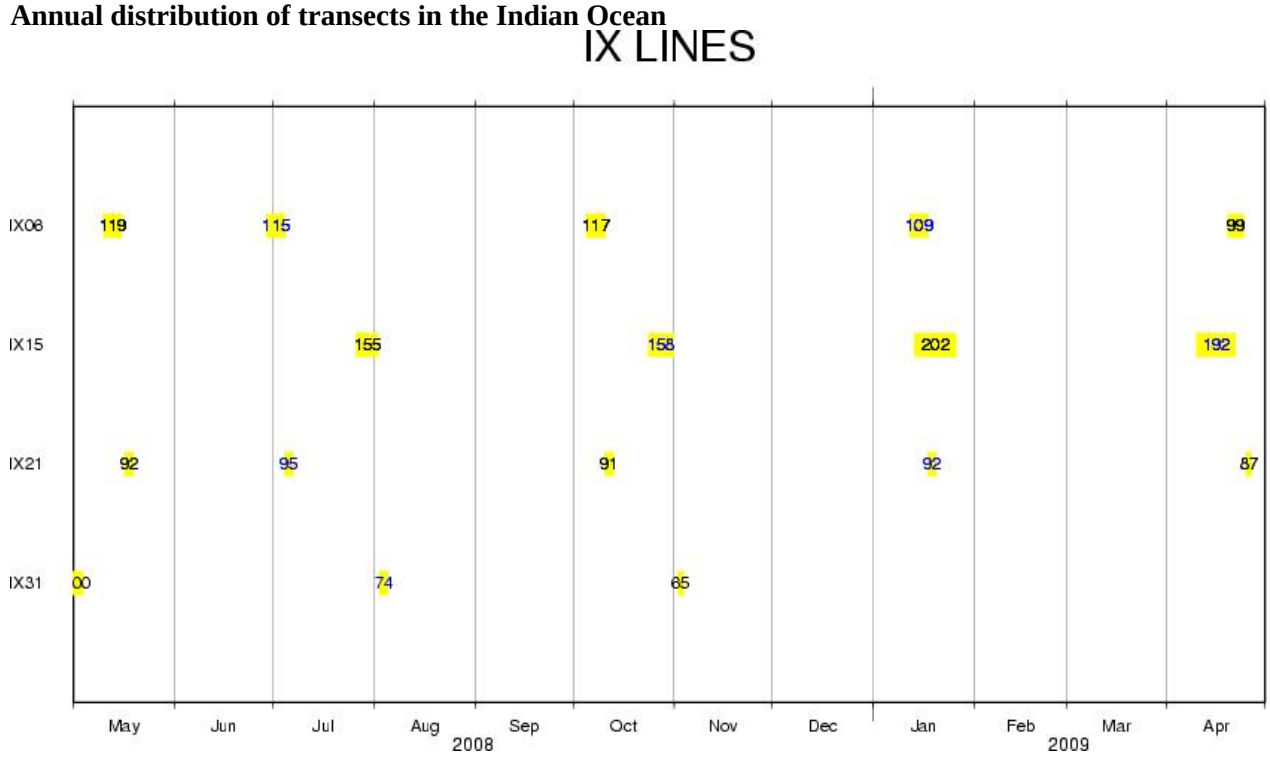
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean