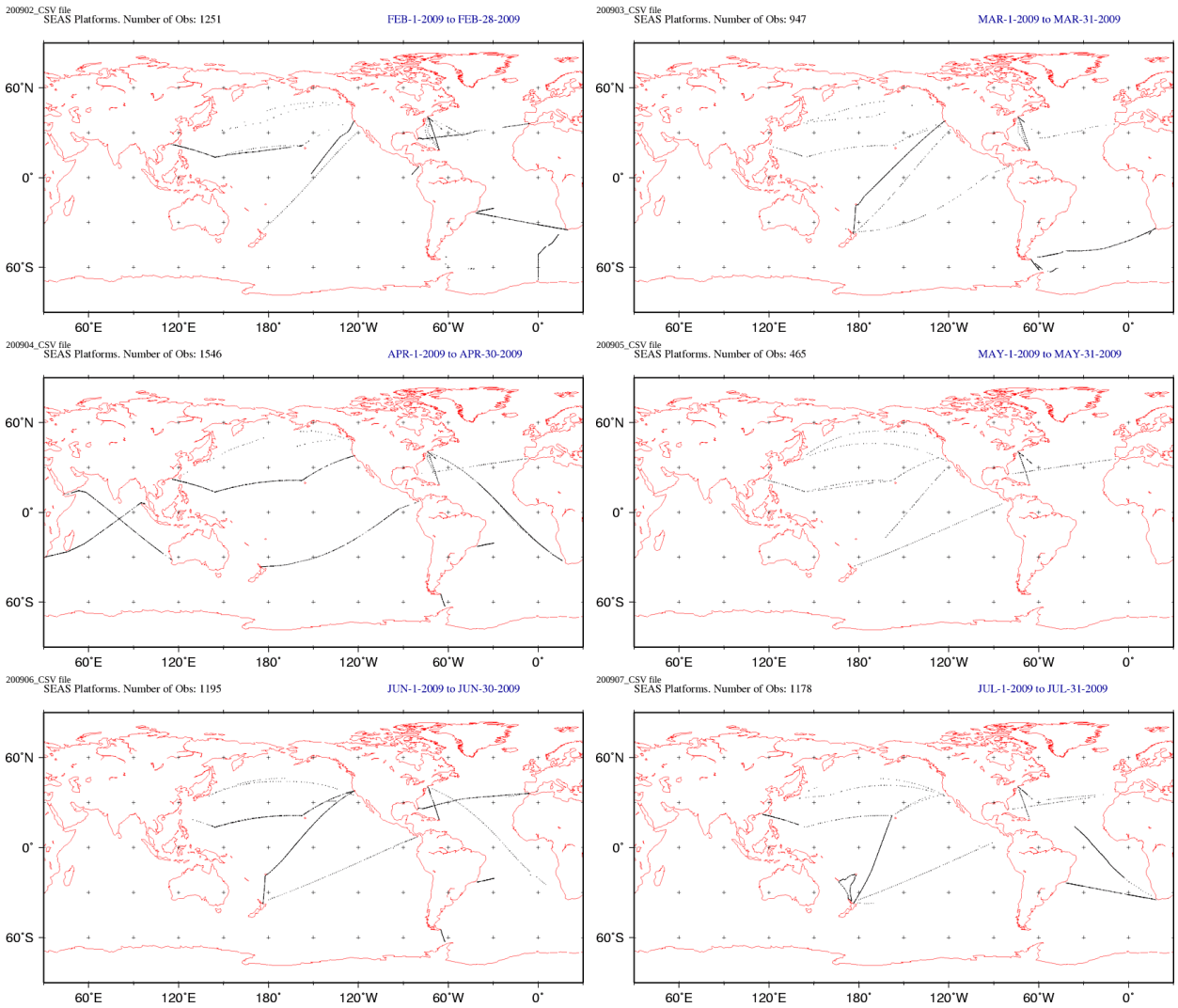
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: JAN 2010

GOOS Operations: XBT Program

PDF file



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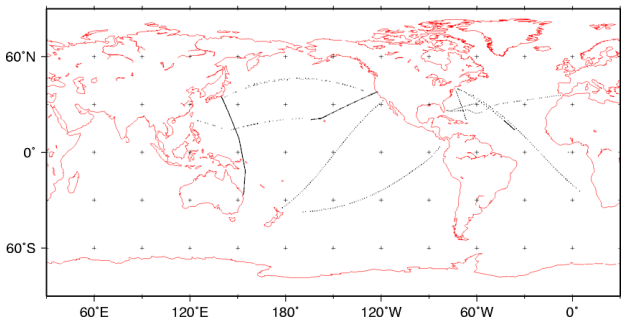

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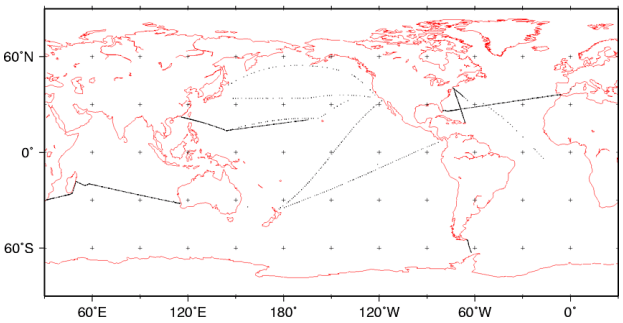

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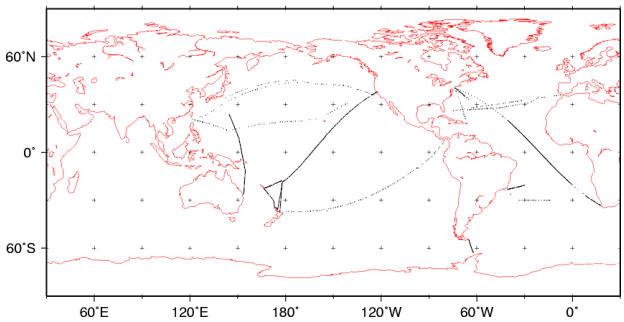

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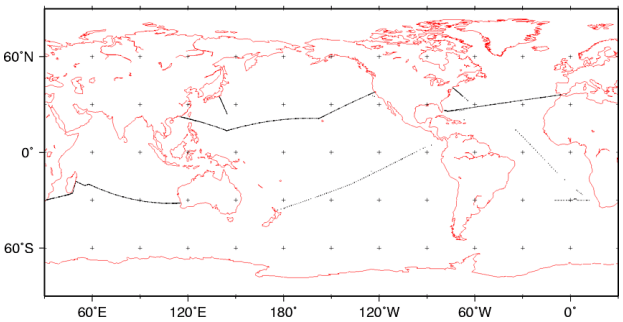

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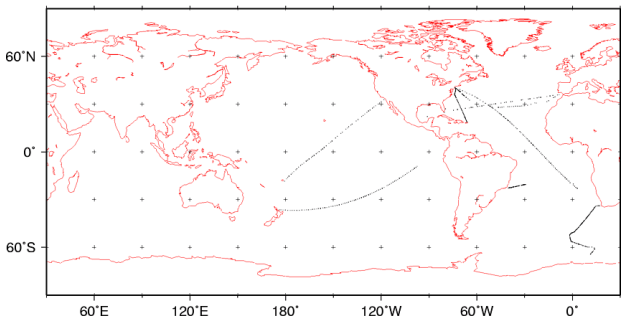
SEAS Platforms. Number of Obs: 630 DEC-1-2009 to DEC-31-2009



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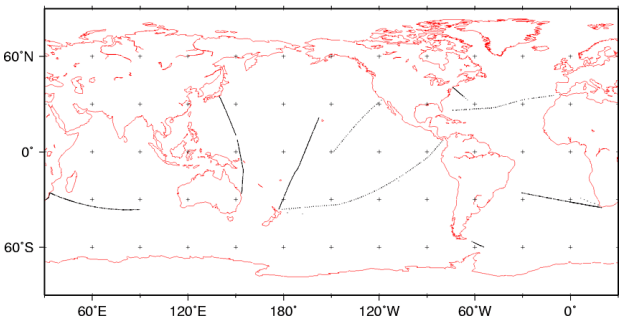


Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:

Ship Name	**Call sign**	**Route**	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	**TOTAL**
			FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
HANSA FLENSBURG	A8AL3	PX13		60		49									**109**
SAFMARINE ZAMBEZI	A8CE9	AX08	18												**18**
CAP REINGA	A8FA6	PX09												210	**210**
		PX13												33	**33**
		PX31											53		**53**
CMA CGM LAVENDER	A8IG2	IX12			192										**192**
MAERSK FUJI	C4BZ2	PX06						147			181				**328**
MONTE SARMIENTO	DCHL2/DCLH2	AX18												136	**136**
MONTE AZUL	DFTH2	AX18	168					172							**340**
ER WILHELSHAVEN	ELZY3	N/A	1				12		1	1					**15**
		PX13	195							66					**261**
		PX31		215											**215**
		PX06		71											**71**
MAERSK JAUN	HBDD	N/A	1												**1**
		PX08				75	87	77	70	73	74				**456**
MAERSK JENAZ	HBDU	PX08										78	75	91	**244**
ROGER REVELLE	KAOU	AX19	2	174											**176**
HOEGH TOKYO	LACZ6	IX15										156			**156**
		IX21										108			**108**
HOEGH OSLO	LAEK7	IX02												165	**165**
HOEGH DETROIT	LAHE6	IX15								151					**151**
		IX21								109					**109**
SAFMARINE MERU	MNDC9	IX21			90										**90**
		IX06			100										**100**
		PX05							276		207	52		234	**769**
MAERSK PHUKET	MYMX5	PX13							67						**67**
		PX31					202				204				**406**
		PX06					68				66				**134**
		PX09						231							**231**
SAFMARINE NGAMI	ONFC	AX08			86		68		62		253	5	71	7	**552**
JOSEPHINE MAERSK	OWKF2	N/A										1			**1**
		PX08	23	56	198										**277**
OLEANDER	PJJU	AX32	27	23	30	33	3	34	3	35	32	33	35	36	**324**
CRUZEIRO DO SUL	PWCS	AX18									29	29			**58**
ALMIRANTE MAXIMIANO	PWPM	AX97					51								**51**
SIRIUS	PWQO	AX97	45												**45**
ALMIRANTE SABOIA	PWSB	AX97									40				**40**
TRIDENTE	PWYX	AX97			48								41		**89**
YUZHMORGEOLOGIYA	UBSZ	AX22	2	17											**19**
		N/A	10	15											**25**
LAURENCE M.GOULD	WCX7445	AX22		71	67		68			78	78				**362**
MOANA WAVE	WCZ8065	AX22												20	**20**
HORIZON HAWK	WDD6033	PX10	115	26	116	29	119	21	26	105	28	124			**709**
		PX26	18	17	9	39	51	50	37	33	40	2			**296**
		PX37	4	10	73	19	77	13	78	3	9	79			**365**
		PX44	95	6	88	18	11	77	1	93	11	94			**494**

HORIZON TIGER	WDD6042	PX10	27	10	23	27	27	28	16	29					**187**
		PX26	18	22	35	39	22	23	19	41	31				**250**
		PX37	7	14	3	4	18	15		8					**69**
		PX44		14	18	13	7	10	7	7	8				**84**
CSX NAVIGATOR	WPGK	AX10	151	66	61	46	107	32	23	134	17	1	94		**732**
ROME EXPRESS	ZCDJ3	AX07	170		33	43	10	38	46	14	25		21	10	**410**
MADRID EXPRESS	ZCDJ5	AX07										193			**193**
BARCELONA EXPRESS	ZCDJ6	AX07	13	29	21	24	186	30	21	196	47	9	35	52	**663**
		N/A											1		**1**
S.A. AGULHAS	ZSAF	AX25	141	31								2	179		**353**
SAFMARINE ORANJE	ZSDN	AX08			255			180	48	19		24	24		**550**
		N/A										1			**1**
	NONE		0	0	0	0	0	0	0	0	0	0	1	0	**1**
	NaN		0	0	0	7	1	0	0	0	0	0	0	0	**8**
TOTAL			**1251**	**947**	**1546**	**465**	**1195**	**1178**	**801**	**1195**	**1380**	**991**	**630**	**994**	**12573**

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

Transects per year: FR/HD														
Route	**Target_Year**	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	**TOTAL**
	18/4	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
AX07	13/4	183	29	54	67	196	68	67	210	72	202	56	62	**1266**
AX08	8/3	18		341		68	180	110	19	253	29	95	7	**1120**
AX10	25/4	151	66	61	46	107	32	23	134	17	1	94		**732**
AX18	1/3	168					172			29	29		136	**534**
AX19	0/1	2	174											**176**
AX22	0/8	2	88	67		68			78	78			20	**401**
AX25	0/2	141	31								2	179		**353**
AX32	5/13	27	23	30	33	3	34	3	35	32	33	35	36	**324**
AX97	0/5	45		48		51				40		41		**225**
IX02	/													**0**
IX06	0/1			100										**100**
IX12	0/1			192										**192**
IX15	0/2								151		156			**307**
IX21	0/3			90					109		108			**307**
PX05	0/3							276		207	52		234	**769**
PX06	0/7		71			68	147			247				**533**
PX08	10/2	23	56	198	75	87	77	70	73	74	78	75	91	**977**
PX09	0/1						231							**231**
PX09	0/1						231							**231**
PX10	11/5	142	36	139	56	146	49	42	134	28	124			**896**
PX13	6/1	195	60		49			67	66				33	**470**
PX26	15/1	36	39	44	78	73	73	56	74	71	2			**546**
PX31	1/3		215			202				204		53		**674**
PX37	10/5	11	24	76	23	95	28	78	11	9	79			**434**
PX44	11/5	95	20	106	31	18	87	8	100	19	94			**578**
N/A		12	15	0	7	13	0	1	1	0	2	2	0	**53**
TOTAL		**1251**	**947**	**1546**	**465**	**1195**	**1178**	**801**	**1195**	**1380**	**991**	**630**	**994**	**12429**

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

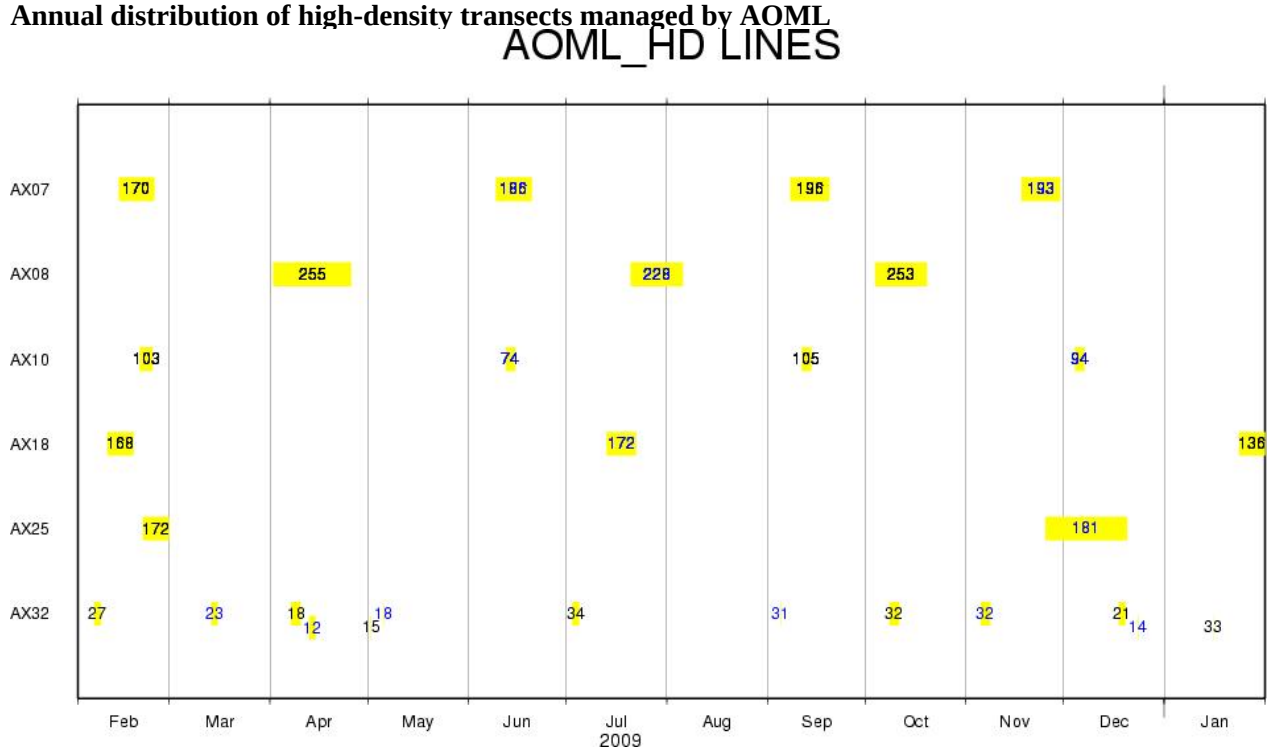
Ship Name	**Call sign**	**Route**	**Type**	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	**TOTAL**
				FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
HANSA FLENSBURG	A8AL3	PX13	FR		60		49									**109**
SAFMARINE ZAMBEZI	A8CE9	AX08	FR	18												**18**
CAP REINGA	A8FA6	PX09	HD												210	**210**
		PX13	FR												33	**33**
		PX31	FR											53		**53**
CMA CGM LAVENDER	A8IG2	IX12	HD			192										**192**
MAERSK FUJI	C4BZ2	PX06	HD						147			181				**328**
MONTE SARMIENTO	DCHL2/DCLH2	AX18	HD												136	**136**
MONTE AZUL	DFTH2	AX18	HD	168					172							**340**
ER WILHELSHAVEN	ELZY3	N/A	FR	1				12		1	1					**15**
		PX13	FR	63							66					**129**
		PX13	HD	132												**132**
		PX31	HD		215											**215**
		PX06	HD		71											**71**
MAERSK JAUN	HBDD	N/A	FR	1												**1**
		PX08	FR				75	87	77	70	73	74				**456**
MAERSK JENAZ	HBDU	PX08	FR										78	75	91	**244**
ROGER REVELLE	KAOU	AX19	HD	2	174											**176**
HOEGH TOKYO	LACZ6	IX15	HD										156			**156**
		IX21	HD										108			**108**
HOEGH OSLO	LAEK7	IX02	HD												165	**165**
HOEGH DETROIT	LAHE6	IX15	HD								151					**151**
		IX21	HD								109					**109**
SAFMARINE MERU	MNDC9	IX21	HD			90										**90**
		IX06	HD			100										**100**
		PX05	HD							276		207	52		234	**769**
MAERSK PHUKET	MYMX5	PX13	FR							67						**67**
		PX31	HD					202				204				**406**
		PX06	HD					68				66				**134**
		PX09	HD						231							**231**
SAFMARINE NGAMI	ONFC	AX08	FR			86		68		62			5	71	7	**299**
		AX08	HD									253				**253**
JOSEPHINE MAERSK	OWKF2	N/A	FR										1			**1**
		PX08	FR		56											**56**
		PX08	HD	23		198										**221**
OLEANDER	PJJU	AX32	FR					3		3	4		1		3	**14**
		AX32	HD	27	23	30	33		34		31	32	32	35	33	**310**
CRUZEIRO DO SUL	PWCS	AX18	FR									29	29			**58**
ALMIRANTE MAXIMIANO	PWPM	AX97	HD					51								**51**
SIRIUS	PWQO	AX97	HD	45												**45**
ALMIRANTE SABOIA	PWSB	AX97	HD									40				**40**
TRIDENTE	PWYX	AX97	HD			48								41		**89**
YUZHMORGEOLOGIYA	UBSZ	AX22	HD	2	17											**19**
		N/A	FR	10	15											**25**
LAURENCE M.GOULD	WCX7445	AX22	HD		71	67		68			78	78				**362**
MOANA WAVE	WCZ8065	AX22	HD												20	**20**
HORIZON HAWK	WDD6033	PX10	FR		26		29		21	10		28				**114**

		PX10	HD	115		116		119		16	105		124			**595**
		PX26	FR	18	17	9	39		50	37	33	40	2			**245**
		PX26	HD					51								**51**
		PX37	FR		10		19		13		3	9				**54**
		PX37	HD	4		73		77		78			79			**311**
		PX44	FR		6		18			1		11				**36**
		PX44	HD	95		88		11	77		93		94			**458**
HORIZON TIGER	WDD6042	PX10	FR	27	10	23	27	27	28	16	29					**187**
		PX26	FR	18	22	35	39	22	23	19	41	31				**250**
		PX37	FR	7	14	3	4	18	15		8					**69**
		PX44	FR		14	18	13	7	10	7	7	8				**84**
CSX NAVIGATOR	WPGK	AX10	FR	48	66	61	46	33	32	23	29	17	1			**356**
		AX10	HD	103				74			105			94		**376**
ROME EXPRESS	ZCDJ3	AX07	FR			33	43	10	38	46	14	25		21	10	**240**
		AX07	HD	170												**170**
MADRID EXPRESS	ZCDJ5	AX07	HD										193			**193**
BARCELONA EXPRESS	ZCDJ6	AX07	FR	13	29	21	24		30	21		47	9	35	52	**281**
		AX07	HD					186			196					**382**
		N/A	FR											1		**1**
S.A. AGULHAS	ZSAF	AX25	HD	141	31								2	179		**353**
SAFMARINE ORANJE	ZSDN	AX08	FR								19		24	24		**67**
		AX08	HD			255			180	48						**483**
		N/A	FR										1			**1**
	NONE			0	0	0	0	0	0	0	0	0	0	1	0	**1**
	NaN			0	0	0	7	1	0	0	0	0	0	0	0	**8**
TOTAL				**1251**	**1947**	**1546**	**465**	**1195**	**1178**	**801**	**1195**	**1380**	**991**	**630**	**994**	**12573**

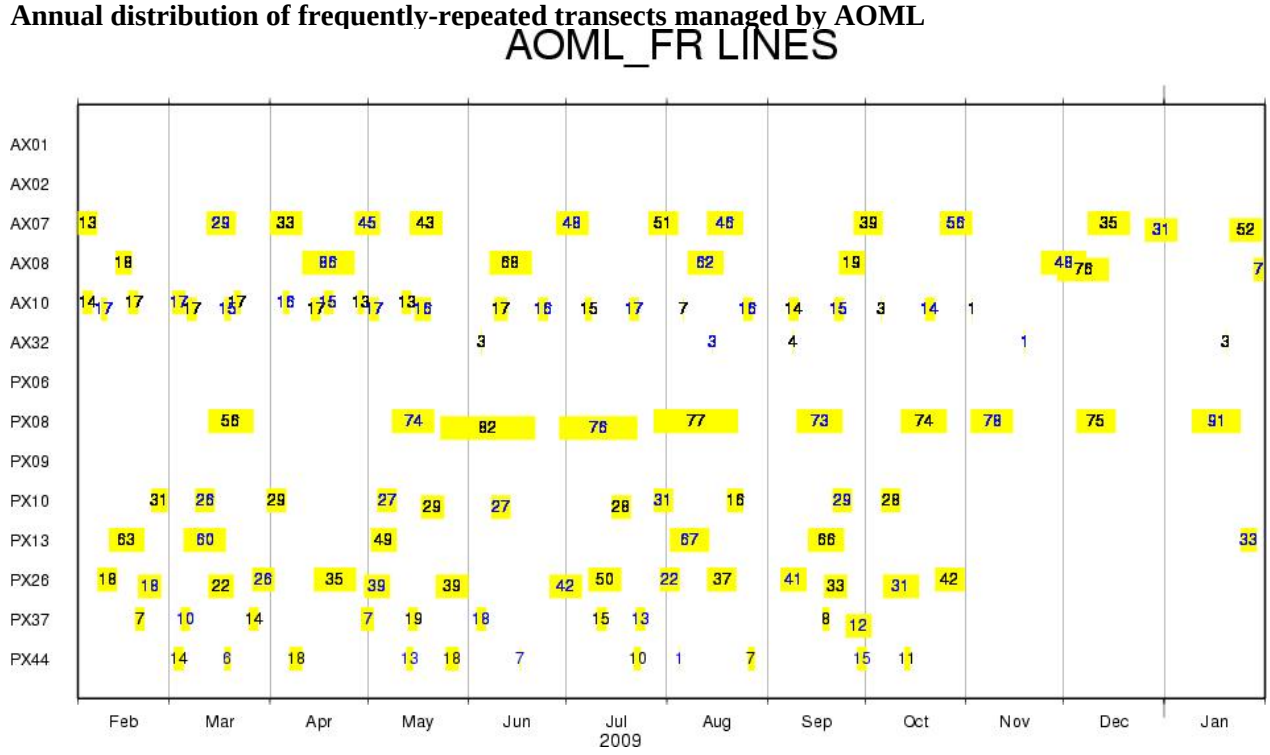
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	**TOTAL**
	18/4	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	
AX07	13/4	13/170	29/	54/	67/	10/186	68/	67/	14/196	72/	9/193	56/	62/	**521/745**
AX08	8/3	18/	/	86/255	/	68/	/180	62/48	19/	/253	29/	95/	7/	**384/736**
AX10	25/4	48/103	66/	61/	46/	33/74	32/	23/	29/105	17/	1/	/94	/	**356/376**
AX18	1/3	/168	/	/	/	/	/172	/	/	29/	29/	/	/136	**58/476**
AX19	0/1	/2	/174	/	/	/	/	/	/	/	/	/	/	**0/176**
AX22	0/8	/2	/88	/67	/	/68	/	/	/78	/78	/	/	/20	**0/401**
AX25	0/2	/141	/31	/	/	/	/	/	/	/	/2	/179	/	**0/353**
AX32	5/13	/27	/23	/30	/33	3/	/34	3/	4/31	/32	1/32	/35	3/33	**14/310**
AX97	0/5	/45	/	/48	/	/51	/	/	/	/40	/	/41	/	**0/225**
IX02	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
IX06	0/1	/	/	/100	/	/	/	/	/	/	/	/	/	**0/100**
IX12	0/1	/	/	/192	/	/	/	/	/	/	/	/	/	**0/192**
IX15	0/2	/	/	/	/	/	/	/	/151	/	/156	/	/	**0/307**
IX21	0/3	/	/	/90	/	/	/	/	/109	/	/108	/	/	**0/307**
PX05	0/3	/	/	/	/	/	/	/276	/	/207	/52	/	/234	**0/769**
PX06	0/7	/	/71	/	/	/68	/147	/	/	/247	/	/	/	**0/533**
PX08	10/2	/23	56/	/198	75/	87/	77/	70/	73/	74/	78/	75/	91/	**756/221**
PX09	0/1	/	/	/	/	/	/231	/	/	/	/	/	/	**0/231**
PX09	0/1	/	/	/	/	/	/231	/	/	/	/	/	/	**0/231**
PX10	11/5	27/115	36/	23/116	56/	27/119	49/	26/16	29/105	28/	/124	/	/	**301/595**
PX13	6/1	63/132	60/	/	49/	/	/	67/	66/	/	/	/	33/	**338/132**
PX26	15/1	36/	39/	44/	78/	22/51	73/	56/	74/	71/	2/	/	/	**495/51**
PX31	1/3	/	/215	/	/	/202	/	/	/	/204	/	53/	/	**53/621**
PX37	10/5	7/4	24/	3/73	23/	18/77	28/	/78	11/	9/	/79	/	/	**123/311**
PX44	11/5	/95	20/	18/88	31/	7/11	10/77	8/	7/93	19/	/94	/	/	**120/458**
N/A		12	15	0	7	13	0	1	1	0	2	2	0	**53**

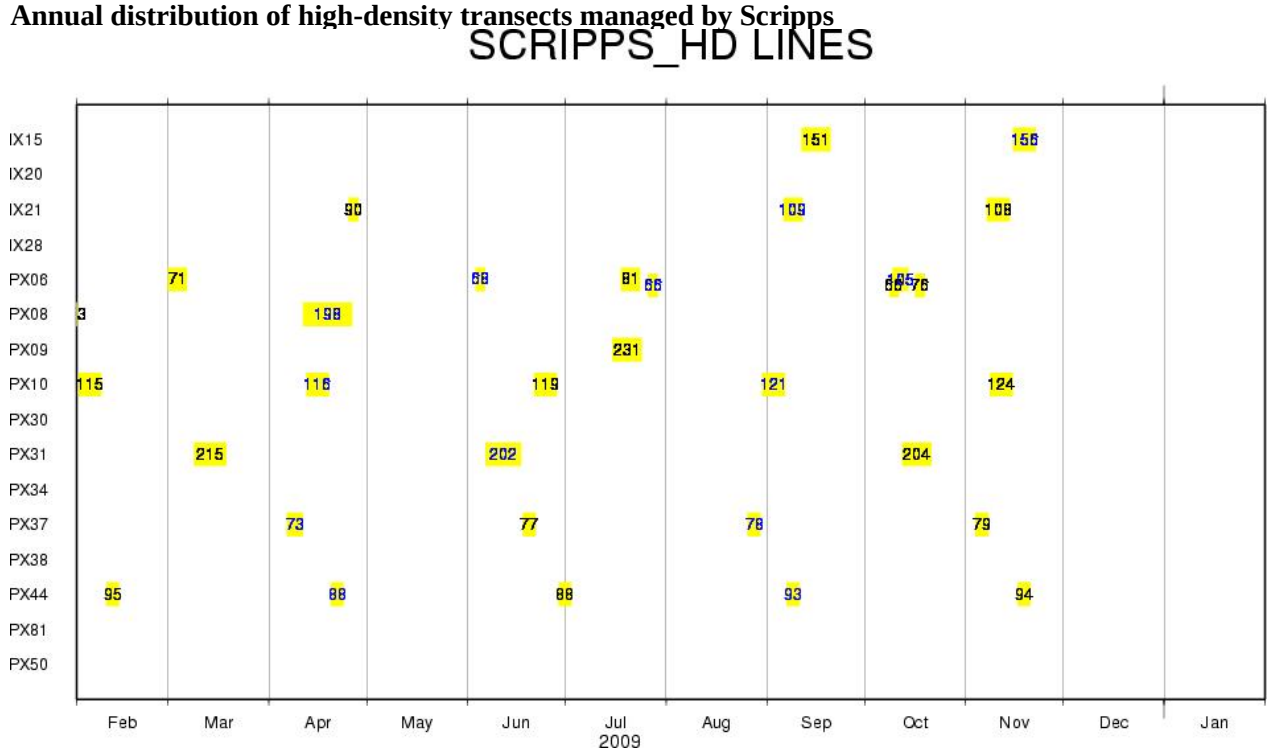
Annual distribution of high-density transects managed by AOML



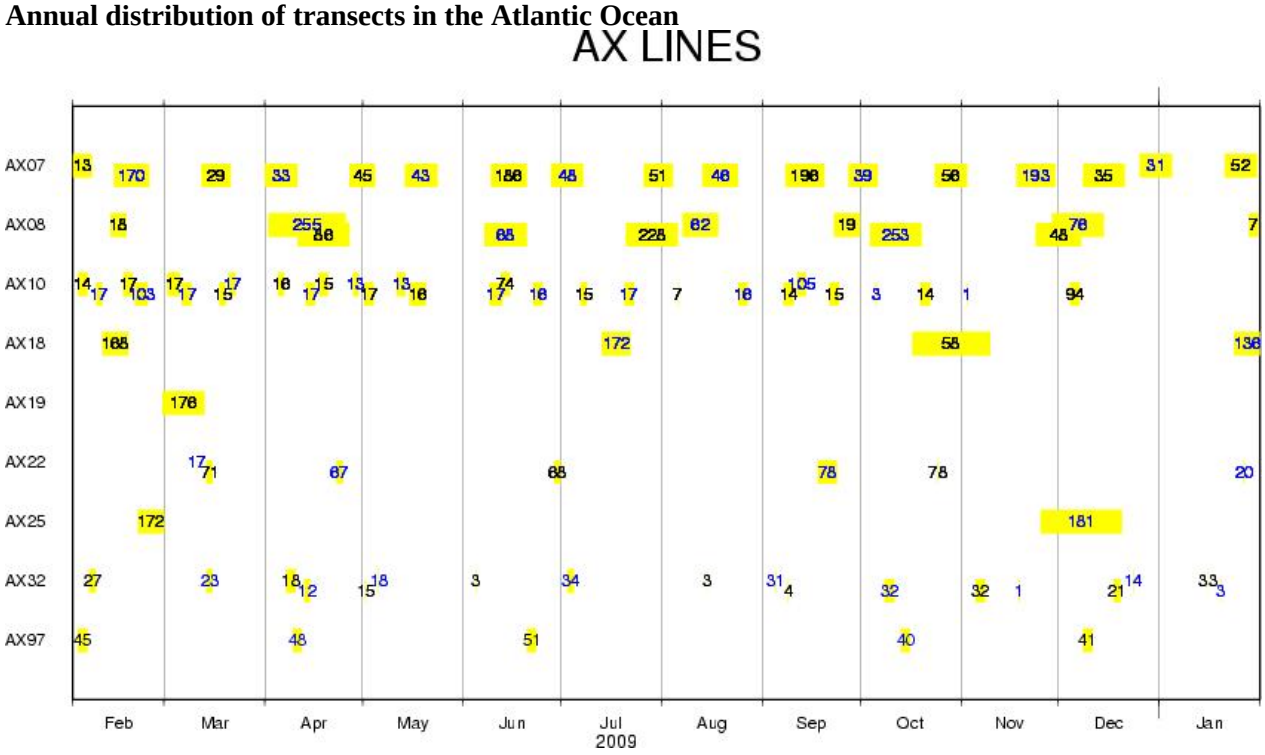
Annual distribution of frequently-repeated transects managed by AOML



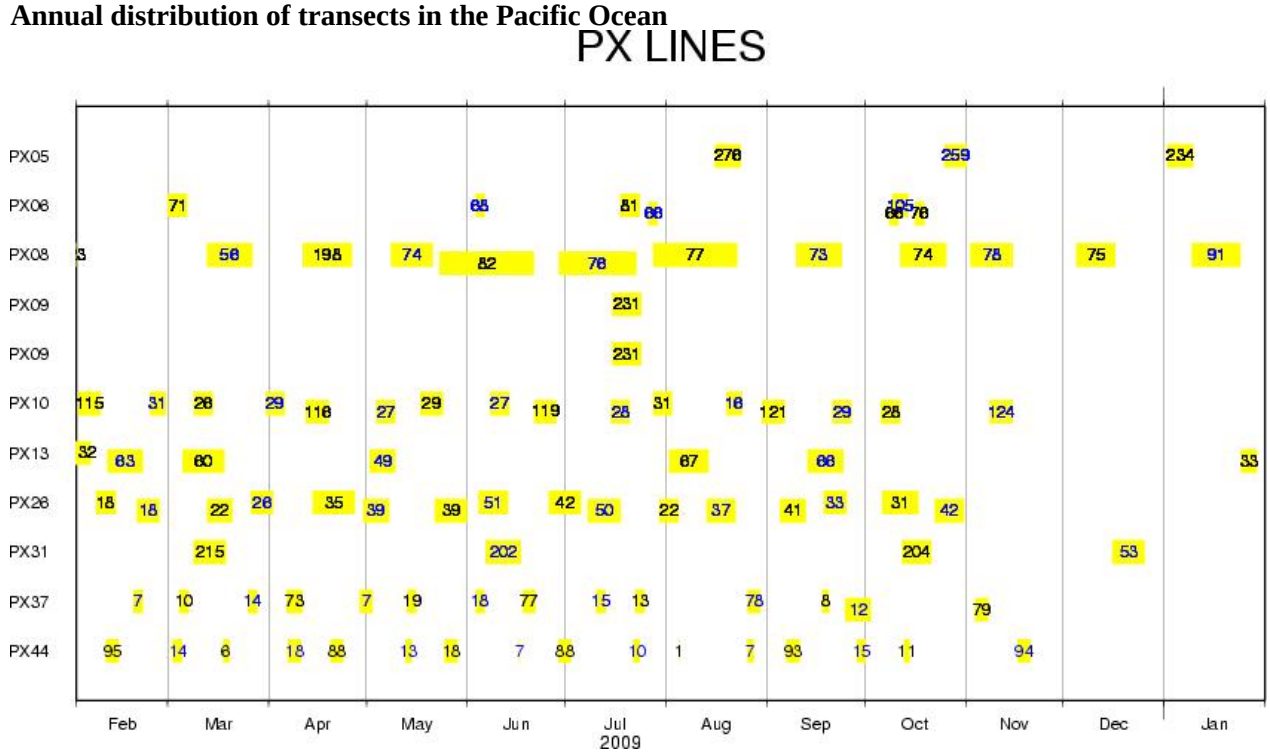
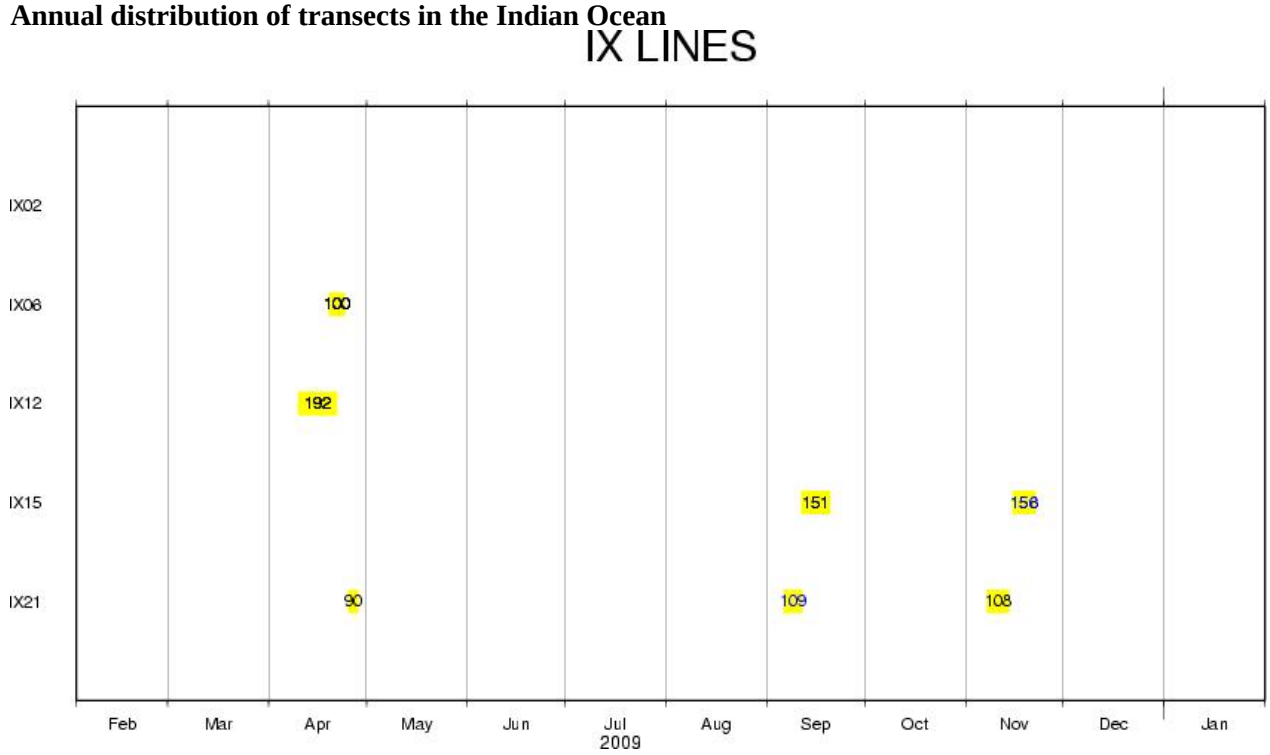
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean