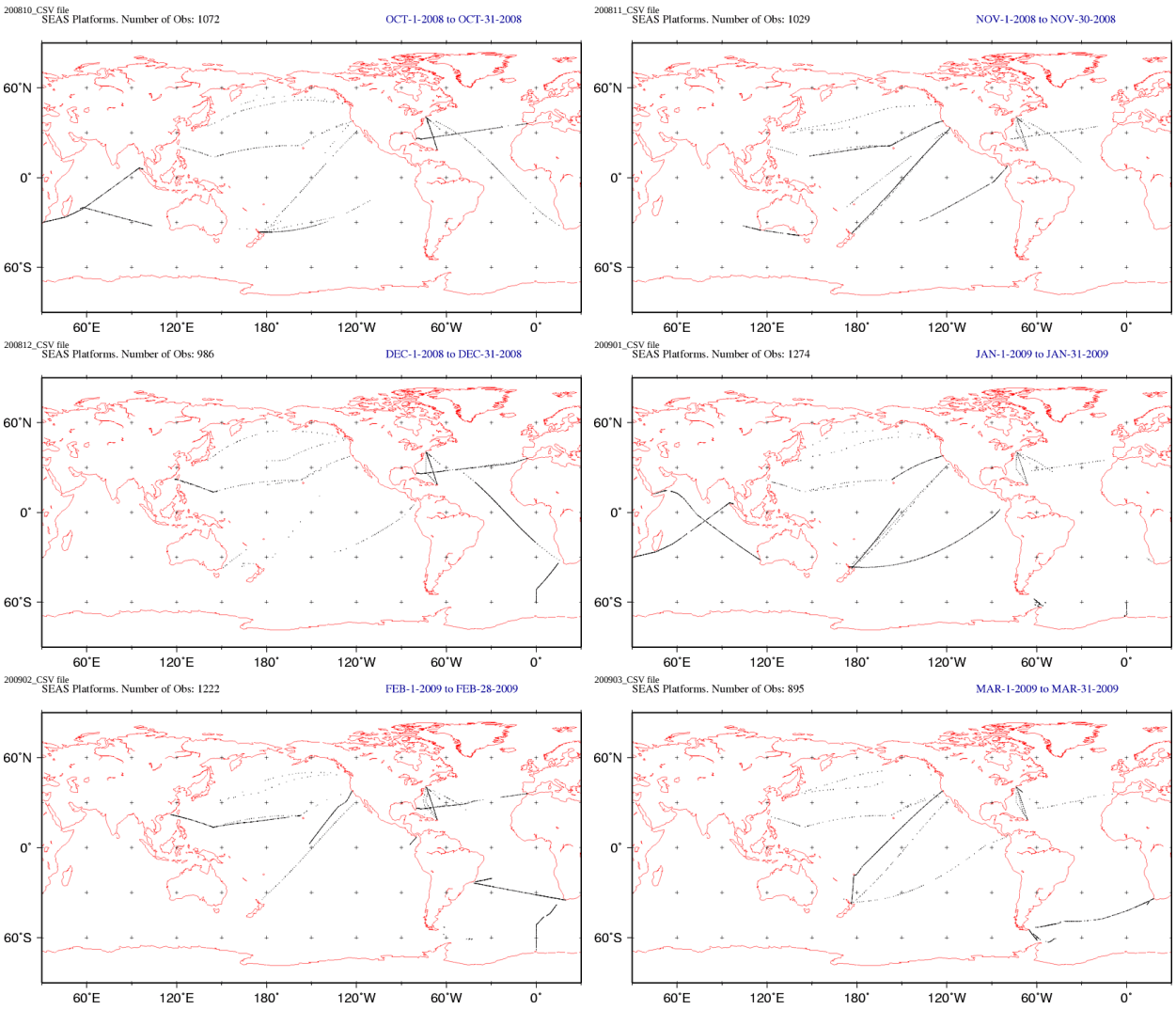
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: SEP 2009

GOOS Operations: XBT Program

PDF file



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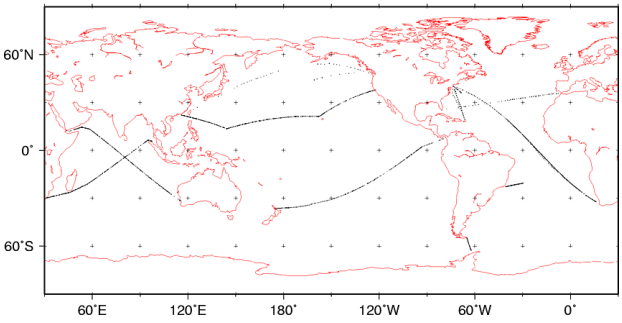

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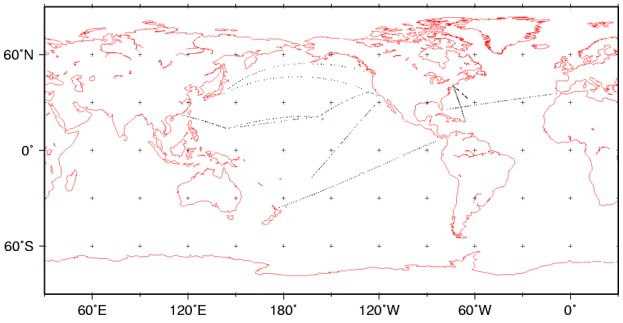

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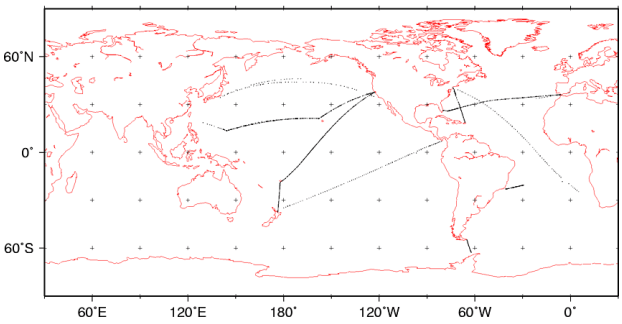

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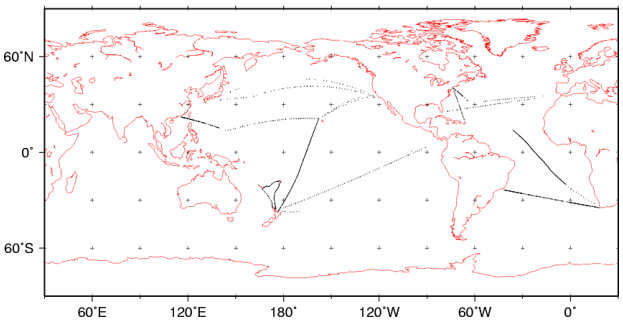

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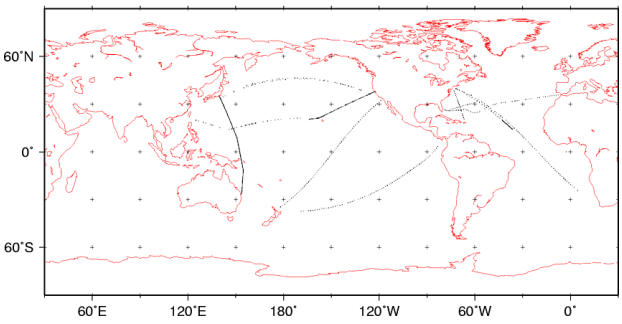

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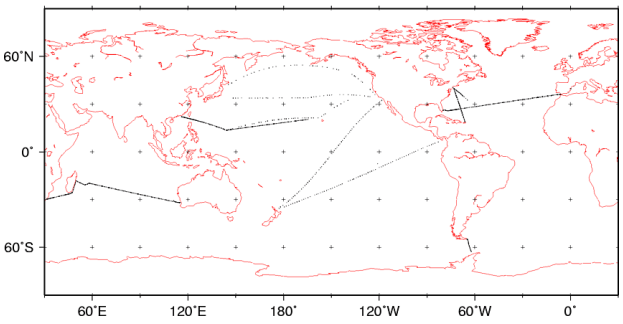


Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:

Ship Name	Call sign	Route	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	TOTAL
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
HANSA FLENSBURG	A8AL3	PX13	5	52	6	51		55		46					**215**
		PX28	6												**6**
		PX83	2		7	2									**11**
SAFMARINE ZAMBEZI	A8CE9	AX08	71			4	18								**93**
CMA CGM LAVENDER	A8IG2	IX12				202			192						**394**
		IX15	123	35											**158**
		IX31		65											**65**
MAERSK FUJI	C4BZ2	PX06										144			**144**
MONTE AZUL	DFTH2	AX18					168					171			**339**
ER WILHELSHAVEN	ELZY3	N/A											1		**1**
		PX13	53	244		207	190							65	**759**
		PX31		42	11			208							**261**
		PX06						69							**69**
MAERSK JAUN	HBDD	N/A					1								**1**
		PX08								74	87	77	69	73	**380**
ROGER REVELLE	KAOU	AX19					2	152							**154**
HOEGH DETROIT	LAHE6	IX15												159	**159**
		IX21												101	**101**
SAFMARINE MERU	MNDC9	IX21	91			92			87						**270**
		IX06	117			109			99						**325**
		PX05											266		**266**
MAERSK PHUKET	MYMX5	PX13											67		**67**
		PX31									201				**201**
		PX06									68				**68**
		PX09										225			**225**
SAFMARINE NGAMI	ONFC	AX08	9	34	206	18			84		68		61		**480**
JOSEPHINE MAERSK	OWKF2	PX08	121	124	31	219	21	54	193						**763**
OLEANDER	PJJU	AX32	22	20	24	15	20	19	20	29	2	34		33	**238**
ALMIRANTE MAXIMIANO	PWPM	AX97									51				**51**
SIRIUS	PWQO	AX97					45								**45**
TRIDENTE	PWYX	AX97							48						**48**
YUZHMORGEOLOGIYA	UBSZ	AX22				62	2	16							**80**
		N/A				9	10	15							**34**
LAURENCE M.GOULD	WCX7445	AX22						66	67		68			74	**275**
HORIZON HAWK	WDD6033	PX10	25	108	16	14	114	26	116	29	119	21	26	105	**719**
		PX26	16	34	34	16	18	17	8	38	51	50	36	32	**350**
		PX37	11	81	8	73	4	10	71	19	77	13	78	3	**448**
		PX44	10		67	7	91	6	87	18	11	77	1	92	**467**
HORIZON TIGER	WDD6042	PX10	33	25	33	25	27	10	23	27	27	27	16	29	**302**
		PX26	37	17	23	21	18	22	33	37	22	22	19	48	**319**
		PX37	12	14	17		7	14	3	4	18	15			**104**
		PX44	15	12	10	13		14	18	13	7	9	7	7	**125**
CSX NAVIGATOR	WPGK	AX10	114	66	144	54	145	66	59	42	103	31	22	122	**968**

VERACRUZ EXPRESS	ZCDJ2	AX07			184										**184**
ROME EXPRESS	ZCDJ3	AX07	176	34		28	169		33	43	9	37	46	14	**589**
		N/A		1	1										**2**
BARCELONA EXPRESS	ZCDJ6	AX07	2	21	37	4	12	25	21	23	180	27	21	195	**568**
S.A. AGULHAS	ZSAF	AX25			127	29	140	31							**327**
SAFMARINE ORANJE	ZSDN	AX08							251			179	47		**477**
OTHER															
MIRAI	JNSR		1	0	0	0	0	0	0	0	0	0	0	0	**1**
TOTAL			**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**442**	**1169**	**1159**	**783**	**1152**	**12696**

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

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	**TOTAL**
	18/4	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
AX07	13/5	178	55	221	32	181	25	54	66	189	64	67	209	**1341**
AX08	6/3	80	34	206	22	18		335		68	179	108		**1050**
AX10	36/5	114	66	144	54	145	66	59	42	103	31	22	122	**968**
AX18	0/2					168					171			**339**
AX19	0/1					2	152							**154**
AX22	0/8				62	2	82	67		68			74	**355**
AX25	0/2			127	29	140	31							**327**
AX32	2/12	22	20	24	15	20	19	20	29	2	34		33	**238**
AX97	0/3					45		48		51				**144**
IX06	0/3	117			109			99						**325**
IX12	0/2				202			192						**394**
IX15	0/2	123	35										159	**317**
IX21	0/4	91			92			87					101	**371**
IX31	0/1		65											**65**
PX05	0/1											266		**266**
PX06	0/4						69			68	144			**281**
PX08	8/3	121	124	31	219	21	54	193	74	87	77	69	73	**1143**
PX09	0/1										225			**225**
PX10	16/5	58	133	49	39	141	36	139	56	146	48	42	134	**1021**
PX13	12/2	58	296	6	258	190	55		46			67	65	**1041**
PX26	22/0	53	51	57	37	36	39	41	75	73	72	55	80	**669**
PX28	1/0	6												**6**
PX31	1/2		42	11			208			201				**462**
PX37	14/5	23	95	25	73	11	24	74	23	95	28	78	3	**552**
PX44	16/5	25	12	77	20	91	20	105	31	18	86	8	99	**592**
PX83	4/0	2		7	2									**11**
N/A		1	1	1	9	11	15	0	0	0	0	1	0	**39**
TOTAL		**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**442**	**1169**	**1159**	**783**	**1152**	**12696**

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

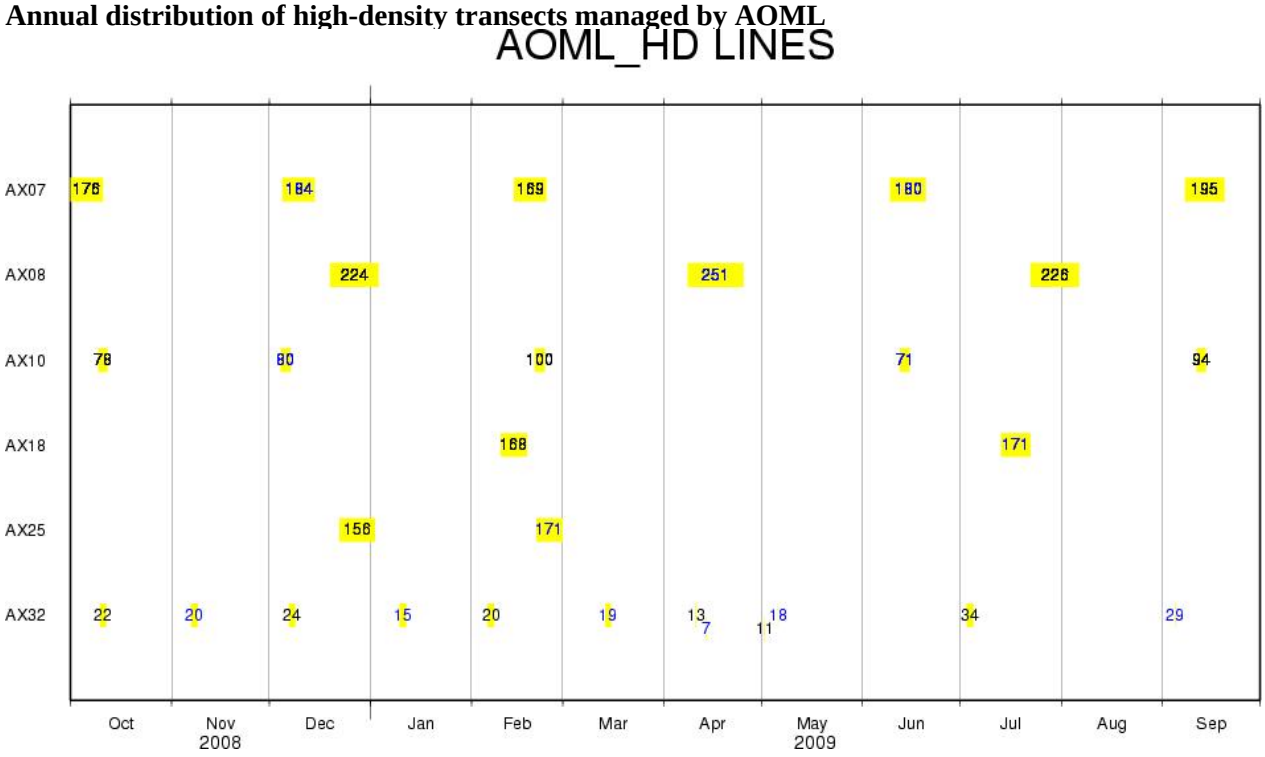
Ship Name	Call sign	Route	Type	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	TOTAL
				OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
HANSA FLENSBURG	A8AL3	PX13	FR	5	52	6	51		55		46					**215**
		PX28	FR	6												**6**
		PX83	FR	2		7	2									**11**
SAFMARINE ZAMBEZI	A8CE9	AX08	FR	71			4	18								**93**
CMA CGM LAVENDER	A8IG2	IX12	HD				202			192						**394**
		IX15	HD	123	35											**158**
		IX31	HD		65											**65**
MAERSK FUJI	C4BZ2	PX06	HD										144			**144**
MONTE AZUL	DFTH2	AX18	HD					168					171			**339**
ER WILHELSHAVEN	ELZY3	N/A	FR											1		**1**
		PX13	FR	53			63	60							65	**241**
		PX13	HD		244		144	130								**518**
		PX31	FR		42	11										**53**
		PX31	HD						208							**208**
		PX06	HD						69							**69**
MAERSK JAUN	HBDD	N/A	FR					1								**1**
		PX08	FR								74	87	77	69	73	**380**
ROGER REVELLE	KAOU	AX19	HD					2	152							**154**
HOEGH DETROIT	LAHE6	IX15	HD												159	**159**
		IX21	HD												101	**101**
SAFMARINE MERU	MNDC9	IX21	HD	91			92			87						**270**
		IX06	HD	117			109			99						**325**
		PX05	HD											266		**266**
MAERSK PHUKET	MYMX5	PX13	FR											67		**67**
		PX31	HD									201				**201**
		PX06	HD									68				**68**
		PX09	HD										225			**225**
SAFMARINE NGAMI	ONFC	AX08	FR	9	34					84		68		61		**256**
		AX08	HD			206	18									**224**
JOSEPHINE MAERSK	OWKF2	PX08	FR	35		31			54							**120**
		PX08	HD	86	124		219	21		193						**643**
OLEANDER	PJJU	AX32	FR									2			4	**6**
		AX32	HD	22	20	24	15	20	19	20	29		34		29	**232**
ALMIRANTE MAXIMIANO	PWPM	AX97	HD									51				**51**
SIRIUS	PWQO	AX97	HD					45								**45**
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						66	67		68			74	**275**
HORIZON HAWK	WDD6033	PX10	FR	25		9	14		26		29		21	10		**134**
		PX10	HD		108	7		114		116		119		16	105	**585**
		PX26	FR	16	34	34	16	18	17	8	38	51	50	36	32	**350**
		PX37	FR	11		8			10		19		13		3	**64**
		PX37	HD		81		73	4		71		77		78		**384**

		PX44	FR	10			7		6		18			1		**42**
		PX44	HD			67		91		87		11	77		92	**425**
HORIZON TIGER	WDD6042	PX10	FR	33	25	33	25	27	10	23	27	27	27	16	29	**302**
		PX26	FR	37	17	23	21	18	22	33	37	22	22	19	48	**319**
		PX37	FR	12	14	17		7	14	3	4	18	15			**104**
		PX44	FR	15	12	10	13		14	18	13	7	9	7	7	**125**
CSX NAVIGATOR	WPGK	AX10	FR	36	66	64	54	45	66	59	42	32	31	22	28	**545**
		AX10	HD	78		80		100				71			94	**423**
VERACRUZ EXPRESS	ZCDJ2	AX07	HD			184										**184**
ROME EXPRESS	ZCDJ3	AX07	FR		34		28			33	43	9	37	46	14	**244**
		AX07	HD	176				169								**345**
		N/A	FR		1	1										**2**
BARCELONA EXPRESS	ZCDJ6	AX07	FR	2	21	37	4	12	25	21	23		27	21		**193**
		AX07	HD									180			195	**375**
S.A. AGULHAS	ZSAF	AX25	HD			127	29	140	31							**327**
SAFMARINE ORANJE	ZSDN	AX08	HD							251			179	47		**477**
OTHER																
MIRAI	JNSR			1	0	0	0	0	0	0	0	0	0	0	0	**1**
TOTAL				**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**442**	**1169**	**1159**	**783**	**1152**	**12696**

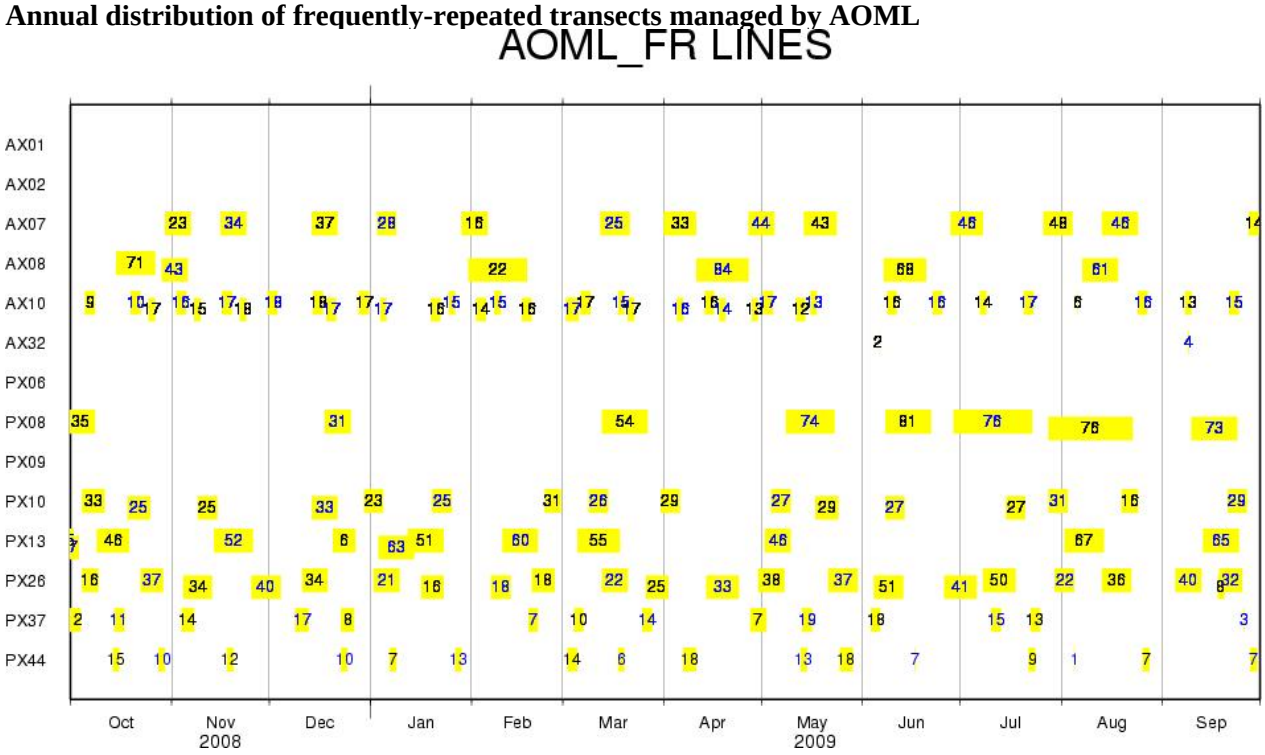
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	**TOTAL**
	18/4	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
AX07	13/5	2/176	55/	37/184	32/	12/169	25/	54/	66/	9/180	64/	67/	14/195	**437/904**
AX08	6/3	80/	34/	/206	4/18	18/	/	84/251	/	68/	/179	61/47	/	**349/701**
AX10	36/5	36/78	66/	64/80	54/	45/100	66/	59/	42/	32/71	31/	22/	28/94	**545/423**
AX18	0/2	/	/	/	/	/168	/	/	/	/	/171	/	/	**0/339**
AX19	0/1	/	/	/	/	/2	/152	/	/	/	/	/	/	**0/154**
AX22	0/8	/	/	/	/62	/2	/82	/67	/	/68	/	/	/74	**0/355**
AX25	0/2	/	/	/127	/29	/140	/31	/	/	/	/	/	/	**0/327**
AX32	2/12	/22	/20	/24	/15	/20	/19	/20	/29	2/	/34	/	4/29	**6/232**
AX97	0/3	/	/	/	/	/45	/	/48	/	/51	/	/	/	**0/144**
IX06	0/3	/117	/	/	/109	/	/	/99	/	/	/	/	/	**0/325**
IX12	0/2	/	/	/	/202	/	/	/192	/	/	/	/	/	**0/394**
IX15	0/2	/123	/35	/	/	/	/	/	/	/	/	/	/159	**0/317**
IX21	0/4	/91	/	/	/92	/	/	/87	/	/	/	/	/101	**0/371**
IX31	0/1	/	/65	/	/	/	/	/	/	/	/	/	/	**0/65**
PX05	0/1	/	/	/	/	/	/	/	/	/	/	/266	/	**0/266**
PX06	0/4	/	/	/	/	/	/69	/	/	/68	/144	/	/	**0/281**
PX08	8/3	35/86	/124	31/	/219	/21	54/	/193	74/	87/	77/	69/	73/	**500/643**
PX09	0/1	/	/	/	/	/	/	/	/	/	/225	/	/	**0/225**
PX10	16/5	58/	25/108	42/7	39/	27/114	36/	23/116	56/	27/119	48/	26/16	29/105	**436/585**
PX13	12/2	58/	52/244	6/	114/144	60/130	55/	/	46/	/	/	67/	65/	**523/518**
PX26	22/0	53/	51/	57/	37/	36/	39/	41/	75/	73/	72/	55/	80/	**669/0**
PX28	1/0	6/	/	/	/	/	/	/	/	/	/	/	/	**6/0**
PX31	1/2	/	42/	11/	/	/	/208	/	/	/201	/	/	/	**53/409**
PX37	14/5	23/	14/81	25/	/73	7/4	24/	3/71	23/	18/77	28/	/78	3/	**168/384**
PX44	16/5	25/	12/	10/67	20/	/91	20/	18/87	31/	7/11	9/77	8/	7/92	**167/425**
PX83	4/0	2/	/	7/	2/	/	/	/	/	/	/	/	/	**11/0**
N/A		1	1	1	9	11	15	0	0	0	0	1	0	**39**

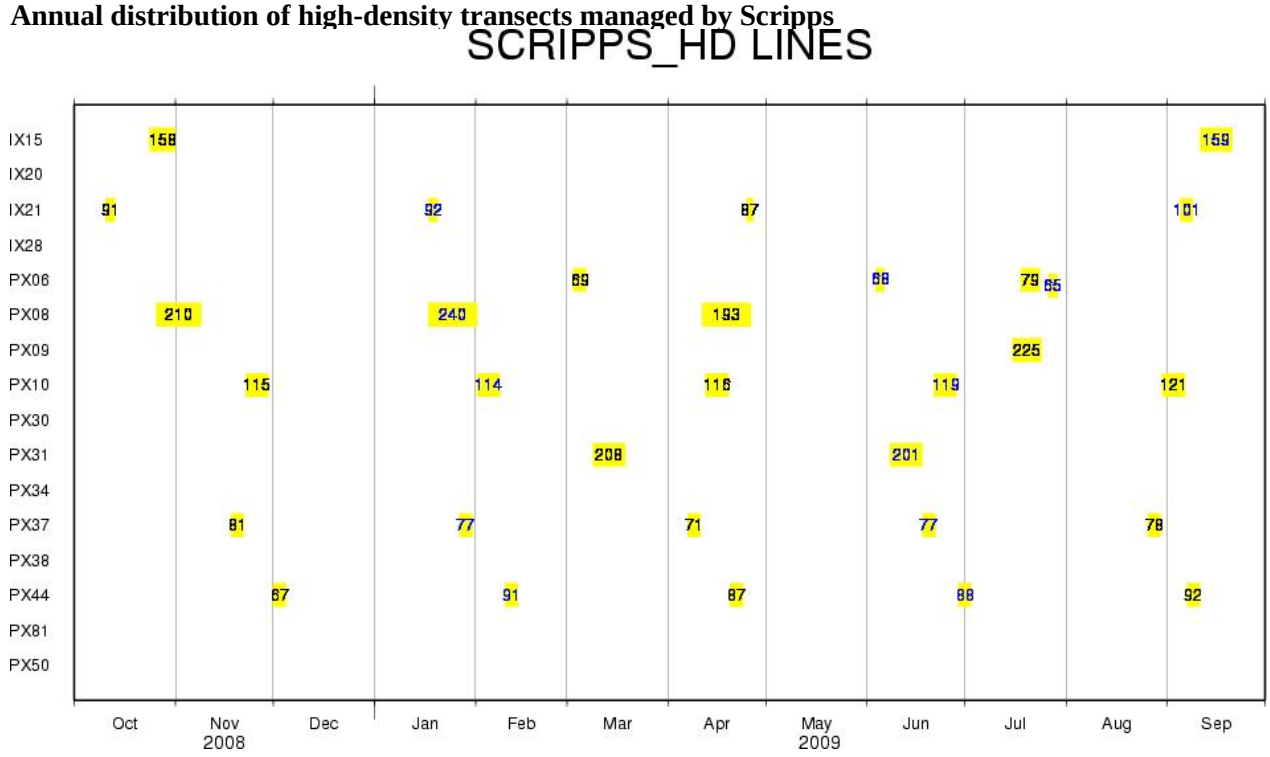
Annual distribution of high-density transects managed by AOML



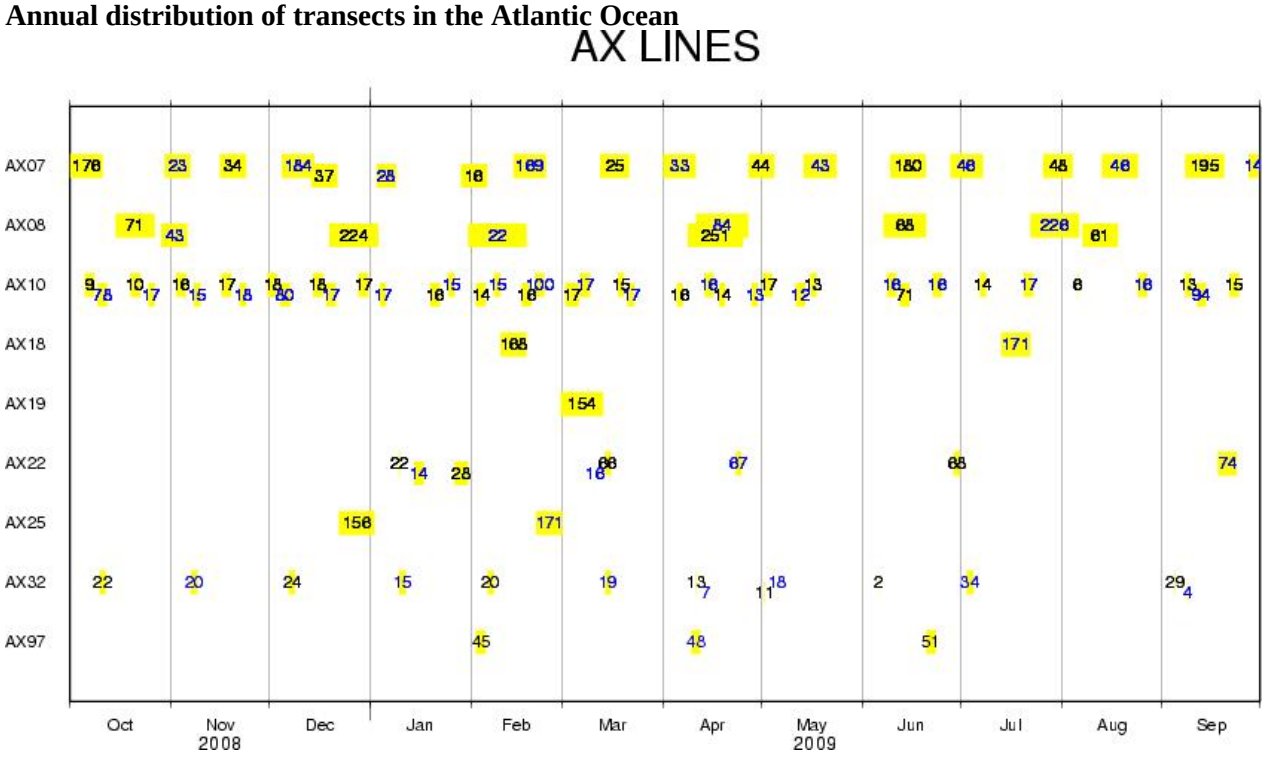
Annual distribution of frequently-repeated transects managed by AOML



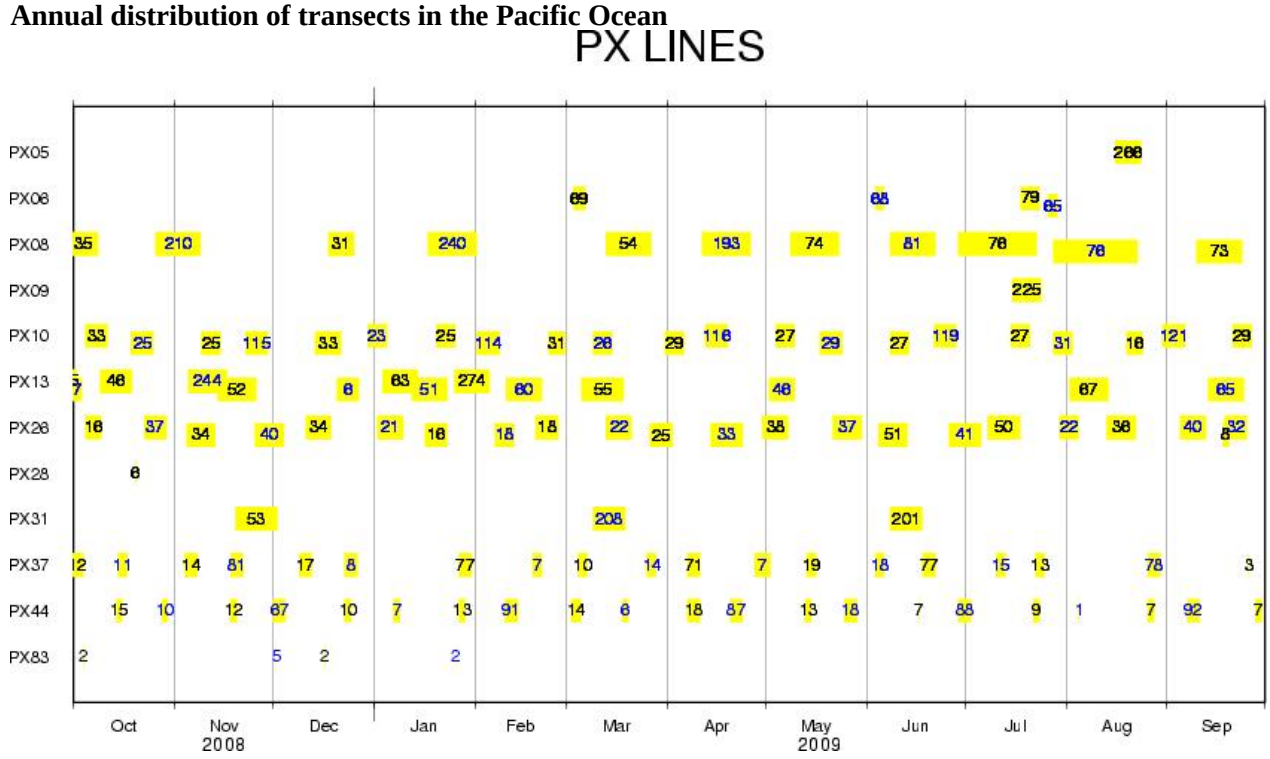
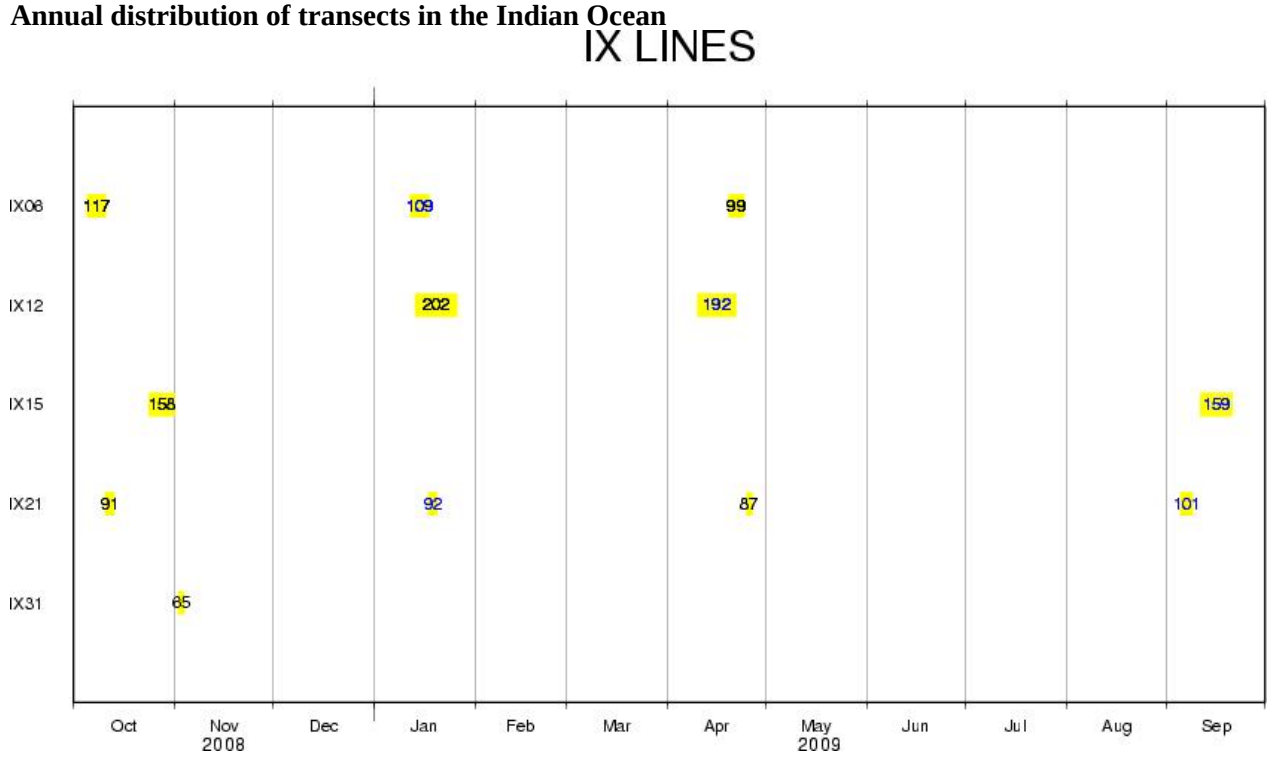
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean