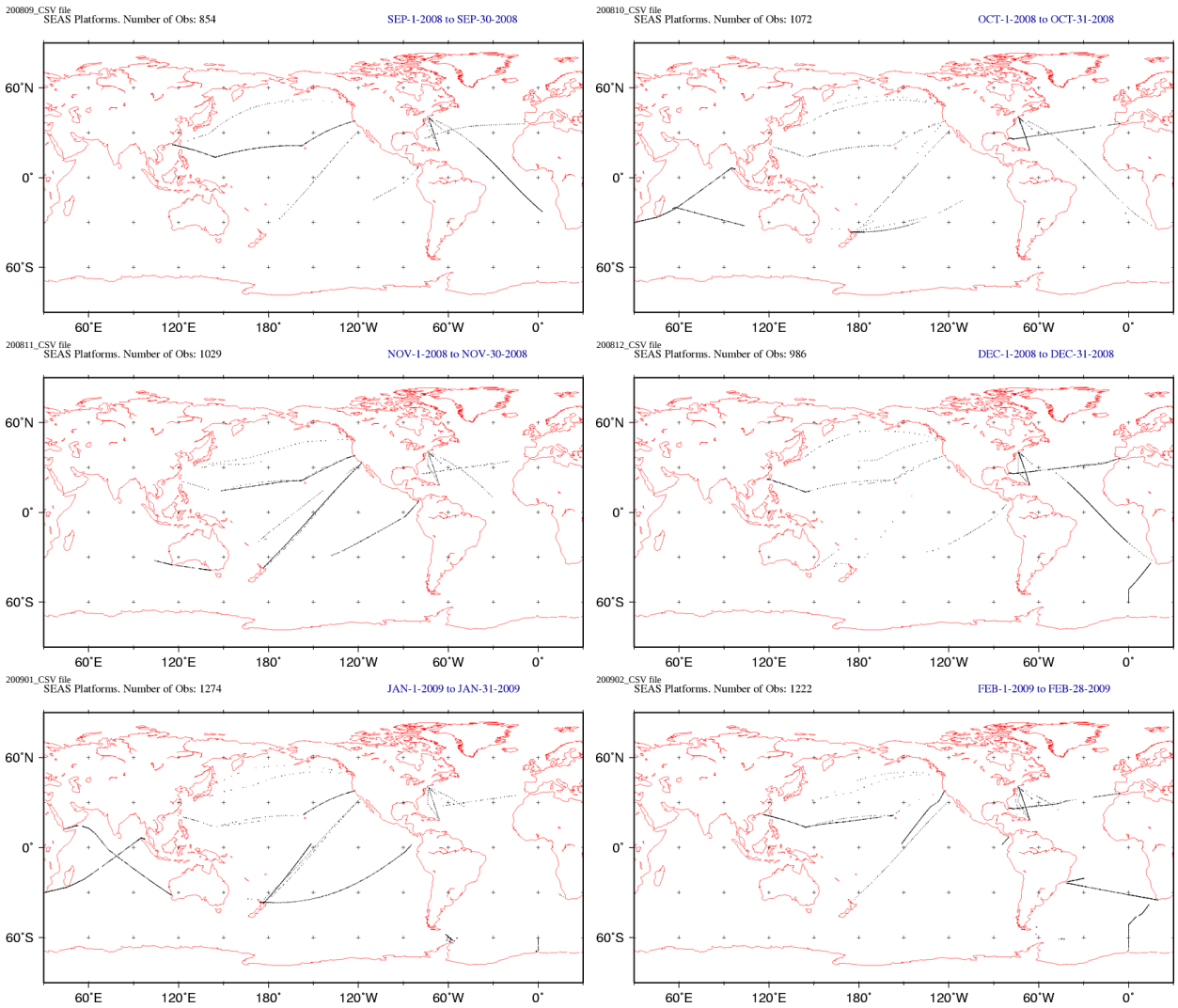
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: AUG 2009

GOOS Operations: XBT Program

PDF file



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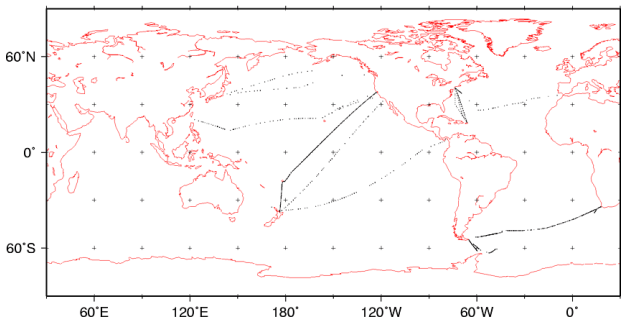

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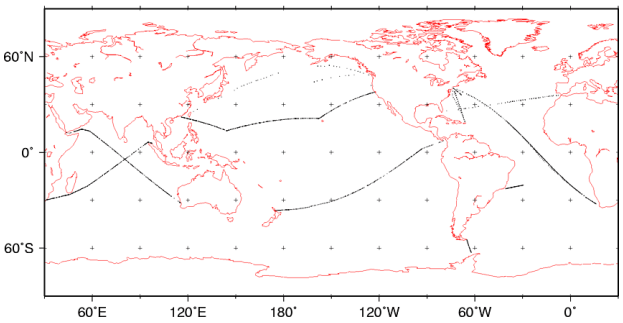

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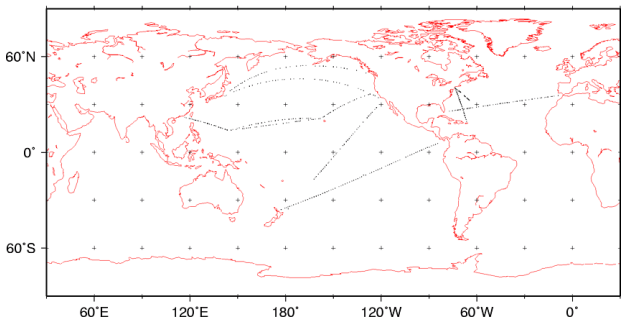

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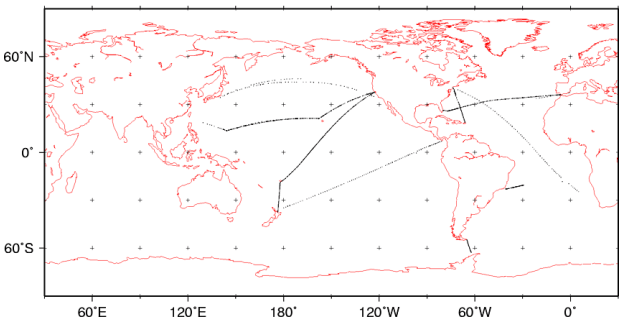

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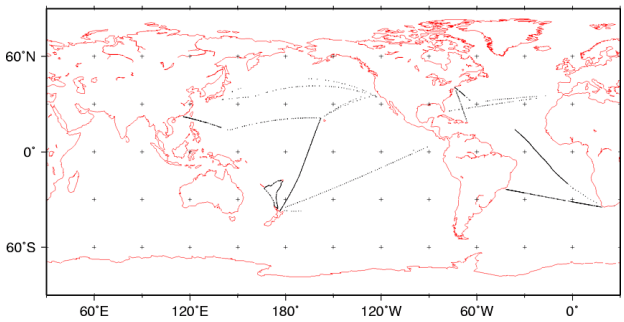

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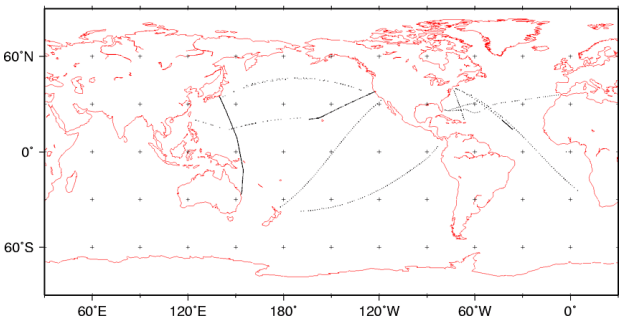


Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:

Ship Name	**Call sign**	**Route**	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	**TOTAL**
			SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
HANSA FLENSBURG	A8AL3	PX13	53	5	52	6	51		55		46				**268**
		PX28		6											**6**
		PX83		2		7	2								**11**
SAFMARINE ZAMBEZI	A8CE9	AX08		71			4	18							**93**
CMA CGM LAVENDER	A8IG2	IX15		123	35		202			192					**552**
		IX31			65										**65**
MAERSK FUJI	C4BZ2	PX06											144		**144**
MONTE AZUL	DFTH2	AX18						168					171		**339**
ER WILHELSHAVEN	ELZY3	N/A												1	**1**
		PX13	1	53	244		207	190							**695**
		PX31			42	11			208						**261**
		PX06							69						**69**
MAERSK JAUN	HBDD	N/A						1							**1**
		PX08									74	87	77	69	**307**
ROGER REVELLE	KAOU	AX19						2	152						**154**
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	234	9	34	206	18			84		68		61	**714**
JOSEPHINE MAERSK	OWKF2	PX08	24	121	124	31	219	21	54	193					**787**
OLEANDER	PJJU	AX32	26	22	20	24	15	20	19	20	29	2	34		**231**
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			**201**
HORIZON HAWK	WDD6033	PX10	120	25	108	16	14	114	26	116	29	119	21	26	**734**
		PX26	10	16	34	34	16	18	17	8	38	128	63	114	**496**
		PX37	79	11	81	8	73	4	10	71	19				**356**
		PX44	90	10		67	7	91	6	87	18	11	77	1	**465**
HORIZON TIGER	WDD6042	PX10	37	33	25	33	25	27	10	23	27	27	27	16	**310**
		PX26	40	37	17	23	21	18	22	33	37	40	37	19	**344**
		PX37		12	14	17		7	14	3	4				**71**
		PX44	12	15	12	10	13		14	18	13	7	9	7	**130**
CSX NAVIGATOR	WPGK	AX10	78	114	66	144	54	145	66	59	42	103	31	22	**924**
VERACRUZ EXPRESS	ZCDJ2	AX07				184									**184**
ROME EXPRESS	ZCDJ3	AX07	3	176	34		28	169		33	43	9	37	46	**578**
		N/A			1	1									**2**

BARCELONA EXPRESS	ZCDJ6	AX07	47	2	21	37	4	12	25	21	23	180	27	21	**420**
S.A. AGULHAS	ZSAF	AX25				127	29	140	31						**327**
SAFMARINE ORANJE	ZSDN	AX08								251			179	47	**477**
OTHER															
MIRAI	JNSR		0	1	0	0	0	0	0	0	0	0	0	0	**1**
TOTAL			**854**	**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**442**	**1169**	**1159**	**783**	**12398**

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

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	**TOTAL**
	18/4	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
AX07	14/4	50	178	55	221	32	181	25	54	66	189	64	67	**1182**
AX08	6/4	234	80	34	206	22	18		335		68	179	108	**1284**
AX10	40/4	78	114	66	144	54	145	66	59	42	103	31	22	**924**
AX18	0/2						168					171		**339**
AX19	0/1						2	152						**154**
AX22	0/7					62	2	82	67		68			**281**
AX25	0/2				127	29	140	31						**327**
AX32	2/12	26	22	20	24	15	20	19	20	29	2	34		**231**
AX97	0/3						45		48		51			**144**
IX06	0/3		117			109			99					**325**
IX15	0/3		123	35		202			192					**552**
IX21	0/3		91			92			87					**270**
IX31	0/1			65										**65**
PX05	0/1												266	**266**
PX06	0/4							69			68	144		**281**
PX08	7/3	24	121	124	31	219	21	54	193	74	87	77	69	**1094**
PX09	0/1											225		**225**
PX10	16/6	157	58	133	49	39	141	36	139	56	146	48	42	**1044**
PX13	11/2	54	58	296	6	258	190	55		46			67	**1030**
PX26	19/2	50	53	51	57	37	36	39	41	75	168	100	133	**840**
PX28	1/0		6											**6**
PX31	1/2			42	11			208			201			**462**
PX37	10/4	79	23	95	25	73	11	24	74	23				**427**
PX44	16/5	102	25	12	77	20	91	20	105	31	18	86	8	**595**
PX83	4/0		2		7	2								**11**
N/A		0	1	1	1	9	11	15	0	0	0	0	1	**39**
TOTAL		**854**	**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**442**	**1169**	**1159**	**783**	**12398**

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

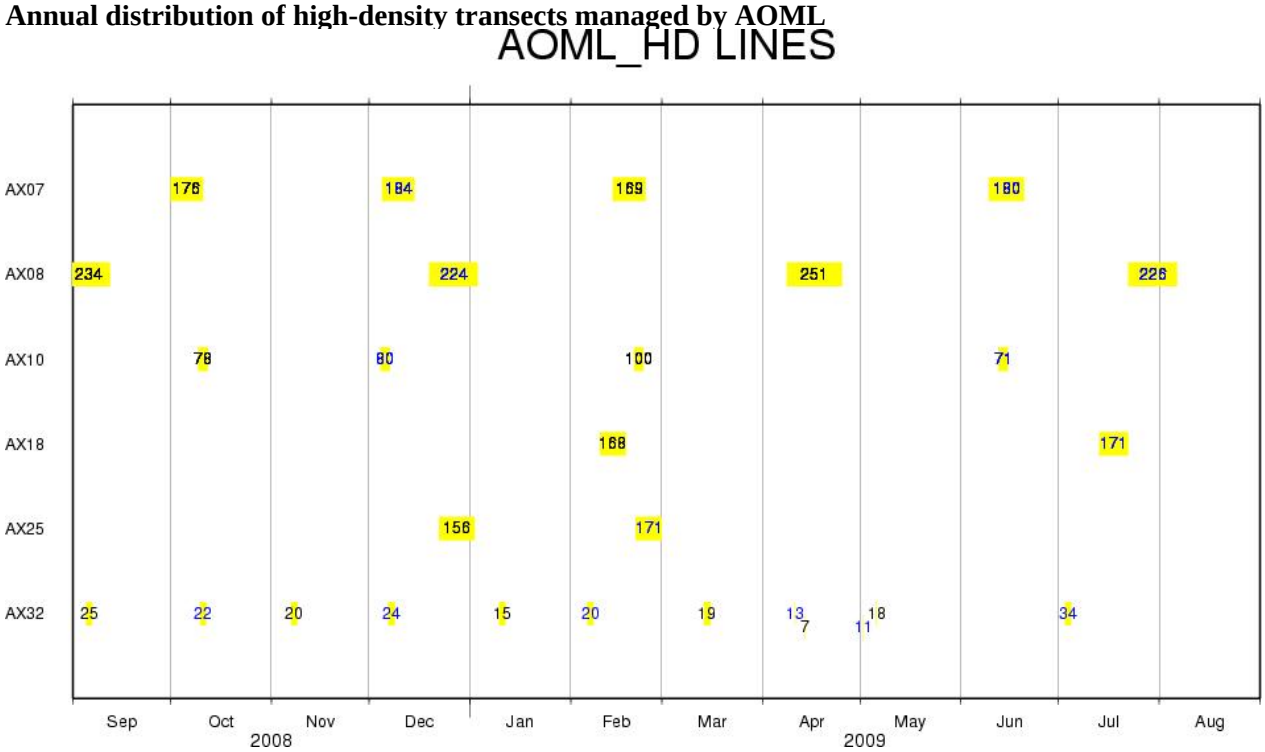
Ship Name	**Call sign**	**Route**	**Type**	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	**TOTAL**
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
HANSA FLENSBURG	A8AL3	PX13	FR	53	5	52	6	51		55		46				**268**
		PX28	FR		6											**6**
		PX83	FR		2		7	2								**11**
SAFMARINE ZAMBEZI	A8CE9	AX08	FR		71			4	18							**93**
CMA CGM LAVENDER	A8IG2	IX15	HD		123	35		202			192					**552**
		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	1	53			63	60							**177**
		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	**307**
ROGER REVELLE	KAOU	AX19	HD						2	152						**154**
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	234			206	18								**458**
JOSEPHINE MAERSK	OWKF2	PX08	FR	24	35		31			54						**144**
		PX08	HD		86	124		219	21		193					**643**
OLEANDER	PJJU	AX32	FR	1									2			**3**
		AX32	HD	25	22	20	24	15	20	19	20	29		34		**228**
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			**201**
HORIZON HAWK	WDD6033	PX10	FR		25		9	14		26		29		21	10	**134**
		PX10	HD	120		108	7		114		116		119		16	**600**
		PX26	FR	10	16	34	34	16	18	17	8	38		63		**254**
		PX26	HD										128		114	**242**
		PX37	FR		11		8			10		19				**48**
		PX37	HD	79		81		73	4		71					**308**
		PX44	FR		10			7		6		18			1	**42**
		PX44	HD	90			67		91		87		11	77		**423**

HORIZON TIGER	WDD6042	PX10	FR	37	33	25	33	25	27	10	23	27	27	27	16	**310**
		PX26	FR	40	37	17	23	21	18	22	33	37	40	37	19	**344**
		PX37	FR		12	14	17		7	14	3	4				**71**
		PX44	FR	12	15	12	10	13		14	18	13	7	9	7	**130**
CSX NAVIGATOR	WPGK	AX10	FR	78	36	66	64	54	45	66	59	42	32	31	22	**595**
		AX10	HD		78		80		100				71			**329**
VERACRUZ EXPRESS	ZCDJ2	AX07	HD				184									**184**
ROME EXPRESS	ZCDJ3	AX07	FR	3		34		28			33	43	9	37	46	**233**
		AX07	HD		176				169							**345**
		N/A	FR			1	1									**2**
BARCELONA EXPRESS	ZCDJ6	AX07	FR	47	2	21	37	4	12	25	21	23		27	21	**240**
		AX07	HD										180			**180**
S.A. AGULHAS	ZSAF	AX25	HD				127	29	140	31						**327**
SAFMARINE ORANJE	ZSDN	AX08	HD								251			179	47	**477**
OTHER																
MIRAI	JNSR			0	1	0	0	0	0	0	0	0	0	0	0	**1**
TOTAL				**854**	**1072**	**1029**	**986**	**1274**	**1222**	**895**	**1513**	**442**	**1169**	**1159**	**783**	**12398**

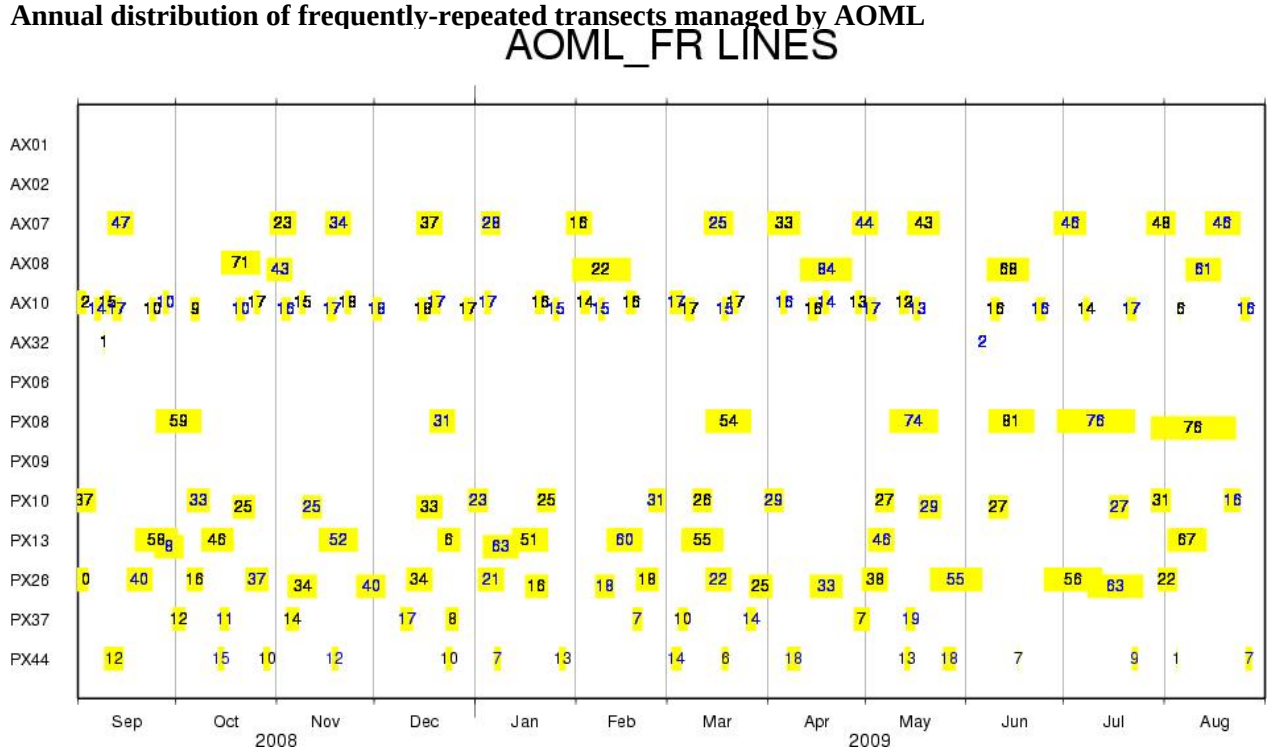
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	**TOTAL**
	18/4	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
AX07	14/4	50/	2/176	55/	37/184	32/	12/169	25/	54/	66/	9/180	64/	67/	**473/709**
AX08	6/4	/234	80/	34/	/206	4/18	18/	/	84/251	/	68/	/179	61/47	**349/935**
AX10	40/4	78/	36/78	66/	64/80	54/	45/100	66/	59/	42/	32/71	31/	22/	**595/329**
AX18	0/2	/	/	/	/	/	/168	/	/	/	/	/171	/	**0/339**
AX19	0/1	/	/	/	/	/	/2	/152	/	/	/	/	/	**0/154**
AX22	0/7	/	/	/	/	/62	/2	/82	/67	/	/68	/	/	**0/281**
AX25	0/2	/	/	/	/127	/29	/140	/31	/	/	/	/	/	**0/327**
AX32	2/12	1/25	/22	/20	/24	/15	/20	/19	/20	/29	2/	/34	/	**3/228**
AX97	0/3	/	/	/	/	/	/45	/	/48	/	/51	/	/	**0/144**
IX06	0/3	/	/117	/	/	/109	/	/	/99	/	/	/	/	**0/325**
IX15	0/3	/	/123	/35	/	/202	/	/	/192	/	/	/	/	**0/552**
IX21	0/3	/	/91	/	/	/92	/	/	/87	/	/	/	/	**0/270**
IX31	0/1	/	/	/65	/	/	/	/	/	/	/	/	/	**0/65**
PX05	0/1	/	/	/	/	/	/	/	/	/	/	/	/266	**0/266**
PX06	0/4	/	/	/	/	/	/	/69	/	/	/68	/144	/	**0/281**
PX08	7/3	24/	35/86	/124	31/	/219	/21	54/	/193	74/	87/	77/	69/	**451/643**
PX09	0/1	/	/	/	/	/	/	/	/	/	/	/225	/	**0/225**
PX10	16/6	37/120	58/	25/108	42/7	39/	27/114	36/	23/116	56/	27/119	48/	26/16	**444/600**
PX13	11/2	54/	58/	52/244	6/	114/144	60/130	55/	/	46/	/	/	67/	**512/518**
PX26	19/2	50/	53/	51/	57/	37/	36/	39/	41/	75/	40/128	100/	19/114	**598/242**
PX28	1/0	/	6/	/	/	/	/	/	/	/	/	/	/	**6/0**
PX31	1/2	/	/	42/	11/	/	/	/208	/	/	/201	/	/	**53/409**
PX37	10/4	/79	23/	14/81	25/	/73	7/4	24/	3/71	23/	/	/	/	**119/308**
PX44	16/5	12/90	25/	12/	10/67	20/	/91	20/	18/87	31/	7/11	9/77	8/	**172/423**
PX83	4/0	/	2/	/	7/	2/	/	/	/	/	/	/	/	**11/0**
N/A		0	1	1	1	9	11	15	0	0	0	0	1	**39**

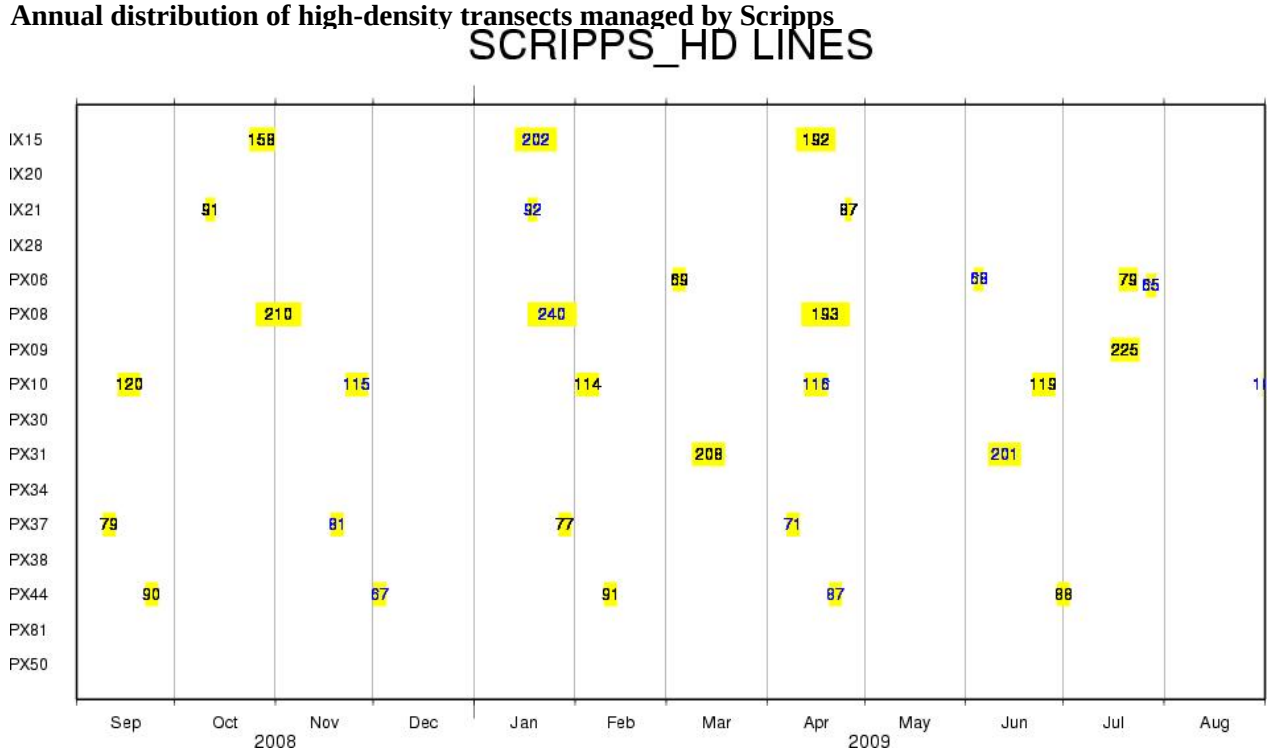
Annual distribution of high-density transects managed by AOML



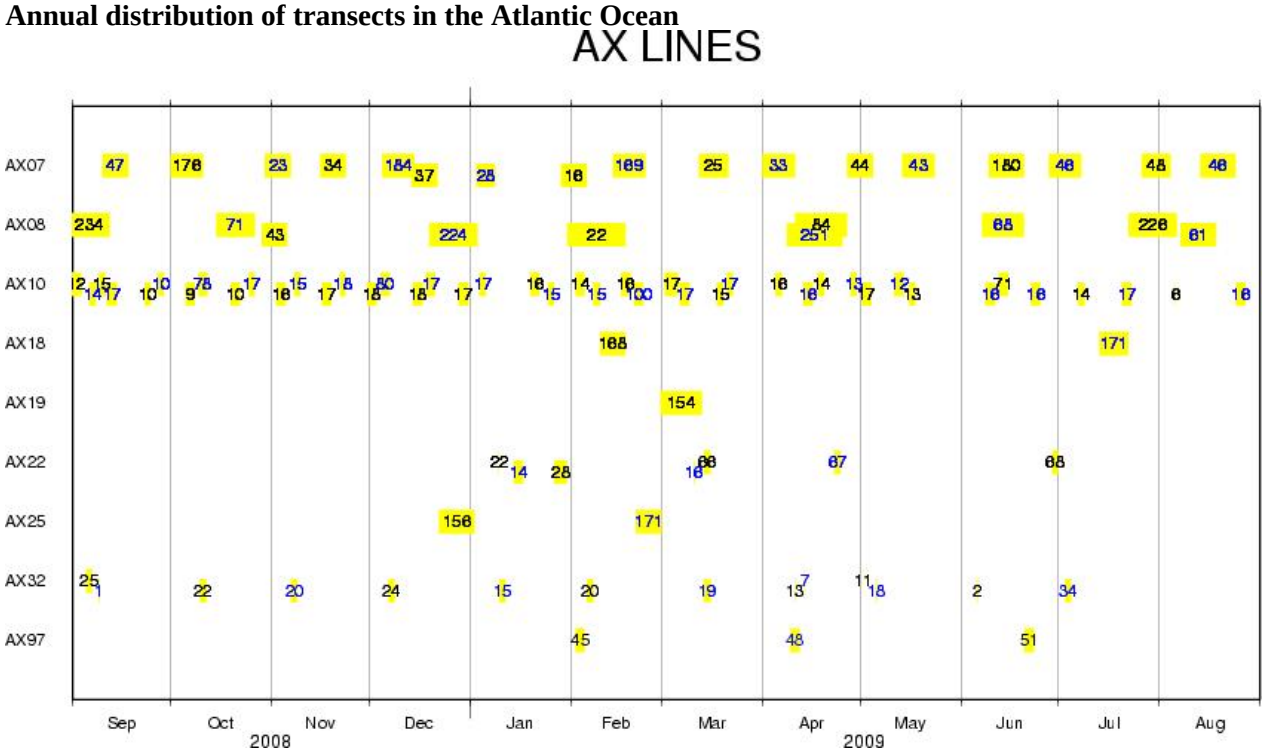
Annual distribution of frequently-repeated transects managed by AOML



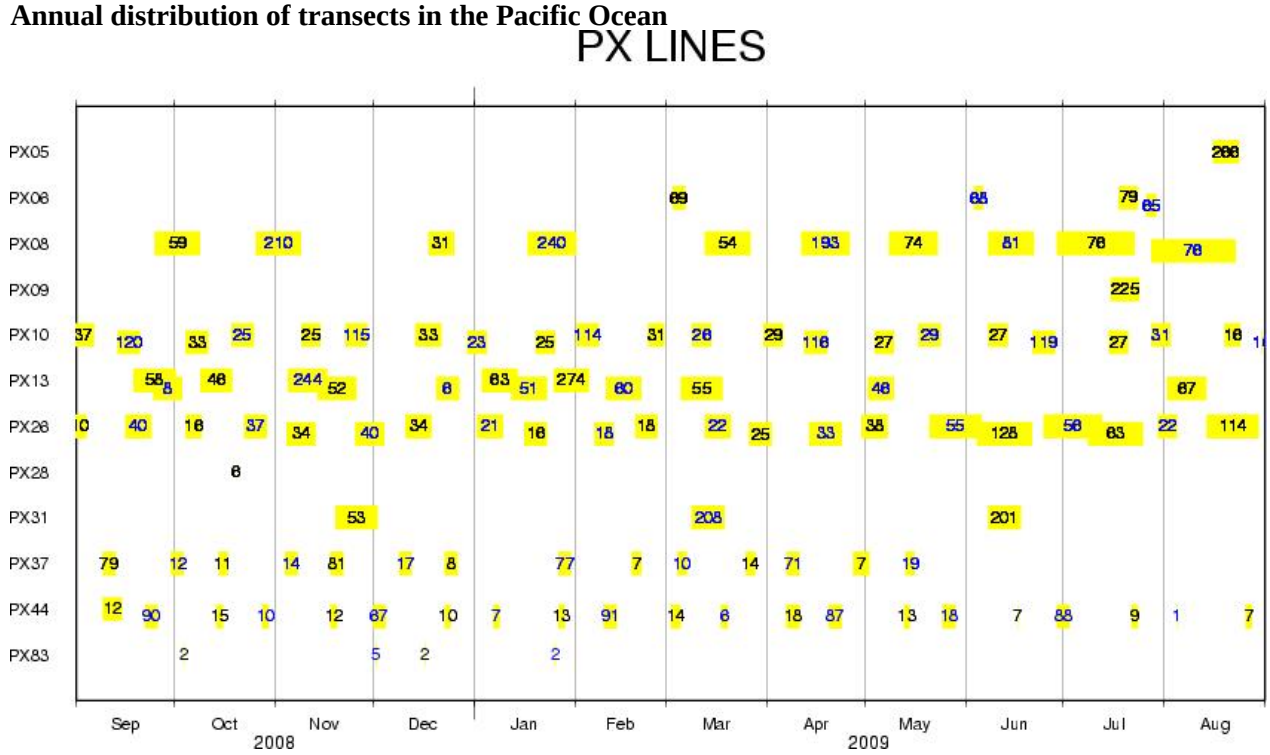
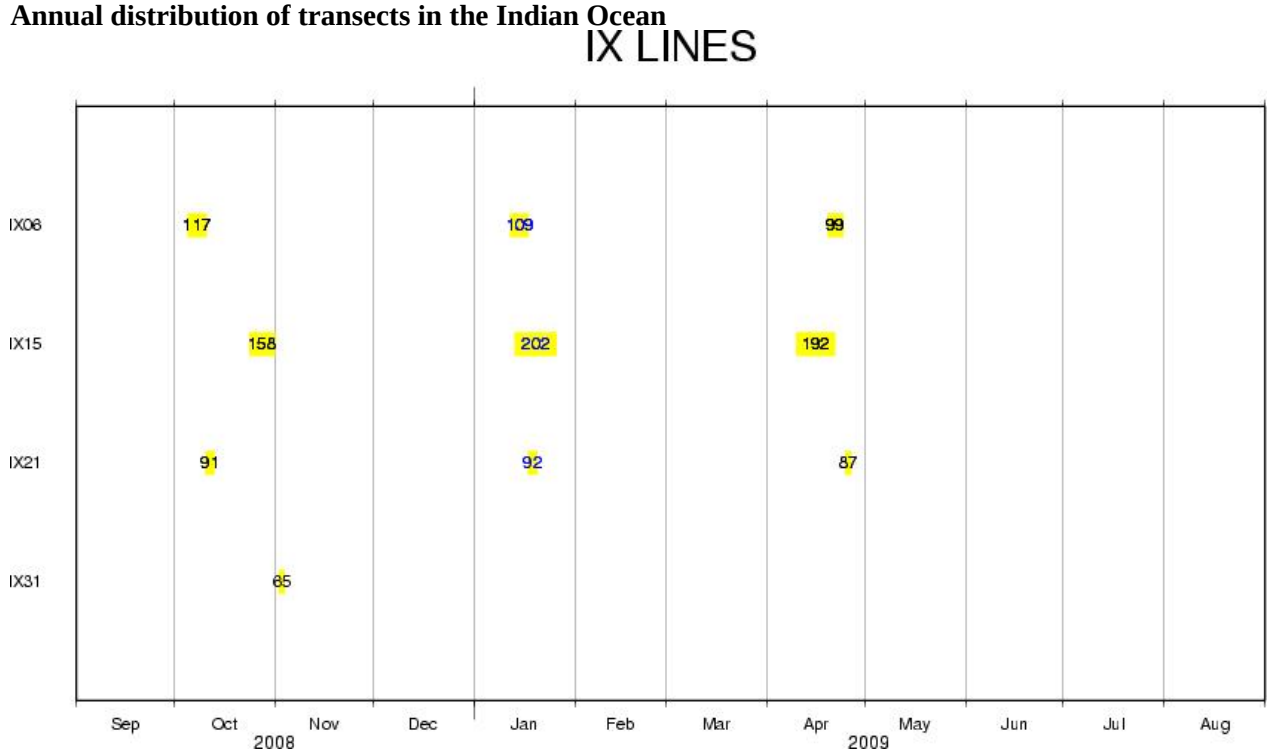
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean