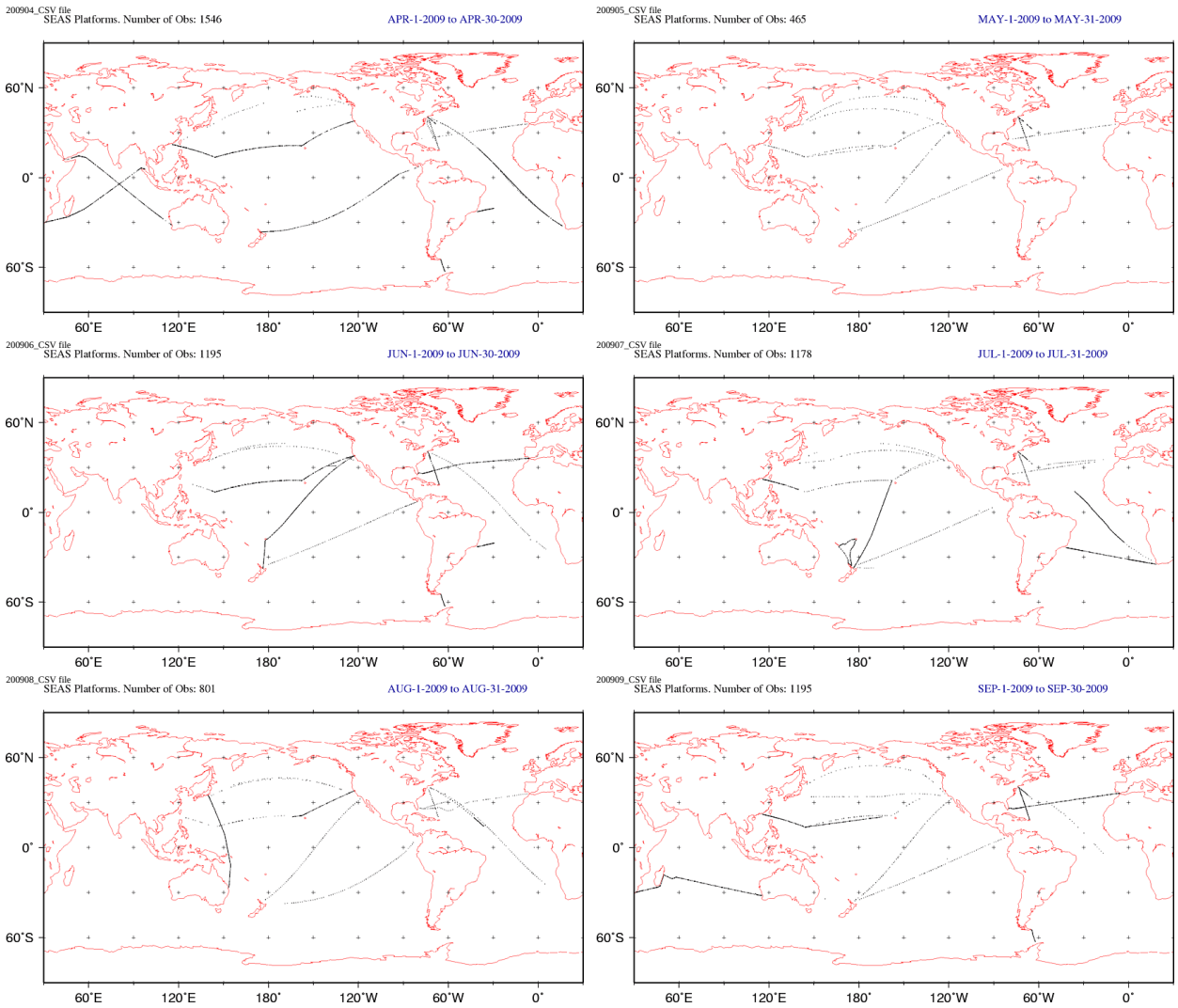
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: MAR 2010

GOOS Operations: XBT Program

PDF file



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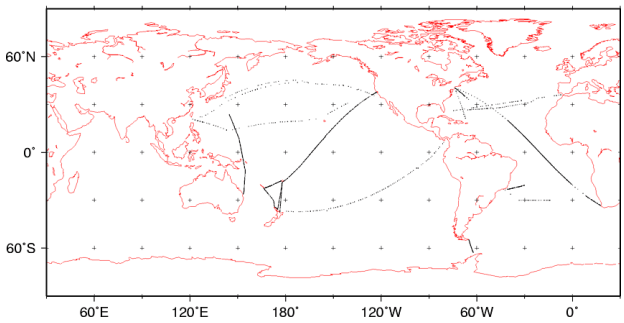

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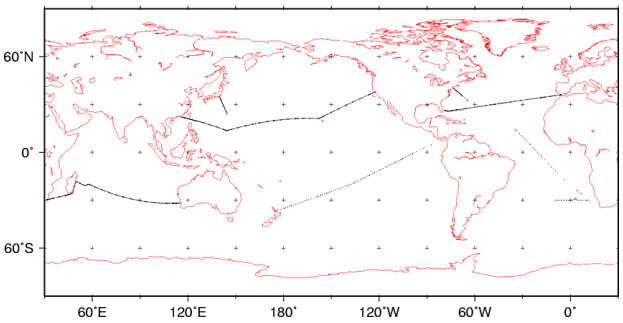

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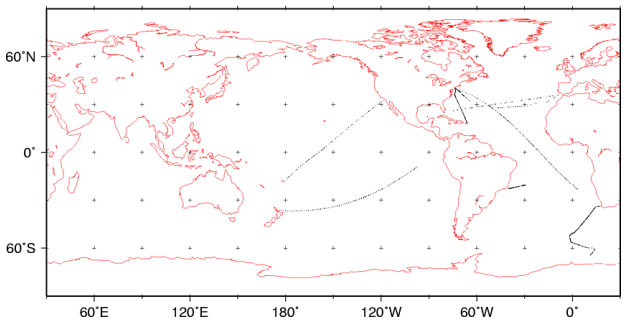

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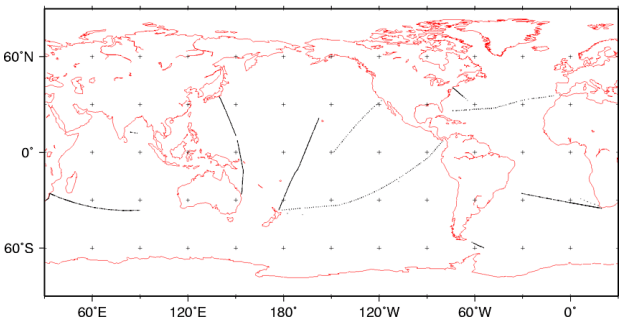
SEAS Platforms. Number of Obs: 1001 JAN-1-2010 to JAN-31-2010



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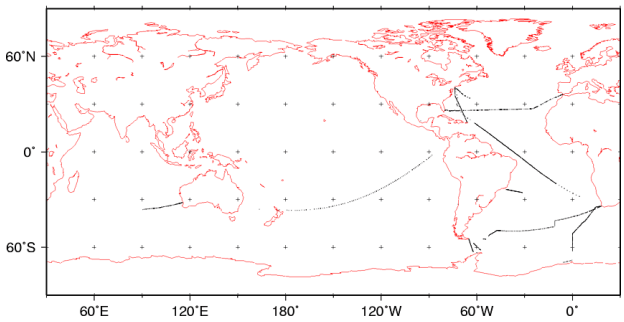

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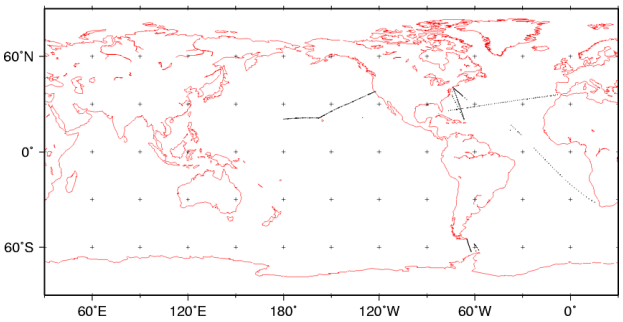
SEAS Platforms. Number of Obs: 435 MAR-1-2010 to MAR-31-2010



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	2010	2010	2010	**TOTAL**
			APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
HANSA FLENSBURG	A8AL3	PX13		49											**49**
CAP REINGA	A8FA6	N/A												4	**4**
		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	40		**176**
MONTE AZUL	DFTH2	AX18				172									**172**
ER WILHELSHAVEN	ELZY3	N/A			12		1	1							**14**
		PX13						66							**66**
MAERSK JAUN	HBDD	PX08		75	87	77	70	73	74						**456**
MAERSK JENAZ	HBDU	PX08								78	75	91	81		**325**
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	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	243	38	**833**
JOSEPHINE MAERSK	OWKF2	N/A								1					**1**
		PX08	198												**198**
OLEANDER	PJJU/V7SX3	AX32	30	33		34		31	32	32	35	36	28	39	**330**
		N/A			3		3	4		1					**11**
CRUZEIRO DO SUL	PWCS	AX18							29	29					**58**
ALMIRANTE MAXIMIANO	PWPM	AX97			51										**51**

ALMIRANTE SABOIA	PWSB	AX97							40						**40**
TRIDENTE	PWYX	AX97	48								41				**89**
NANCOWRY	VTXB	IX14										7			**7**
LAURENCE M.GOULD	WCX7445	AX22	67		68			78	78				75	64	**430**
MOANA WAVE	WCZ8065	AX22										20	20	23	**63**
		N/A											3		**3**
HORIZON HAWK	WDD6033	PX10	116	29	119	21	26	105	28	124				50	**618**
		PX26	9	39	51	50	37	33	40	2					**261**
		PX37	73	19	77	13	78	3	9	79				79	**430**
		PX44	88	18	11	77	1	93	11	94					**393**
HORIZON TIGER	WDD6042	PX10	23	27	27	28	16	29							**150**
		PX26	34	39	22	23	19	41	31						**209**
		PX37	4	4	18	15		8							**49**
		PX44	18	13	7	10	7	7	8						**70**
CSX PRODUCER	WJBJ	AX10											83		**83**
CSX NAVIGATOR	WPGK	AX10	61	46	107	32	23	134	17	1	94		1	61	**577**
RONALD H. BROWN	WTEC	AX19											186		**186**
		N/A											1		**1**
ROME EXPRESS	ZCDJ3	AX07	33	43	10	38	46	14	25		21	10	157	19	**416**
MADRID EXPRESS	ZCDJ5	AX07								193					**193**
BARCELONA EXPRESS	ZCDJ6	AX07	21	24	186	30	21	196	47	9	35	52	6	58	**685**
		N/A									1				**1**
S.A. AGULHAS	ZSAF	AX25								2	179		137		**318**
SAFMARINE ORANJE	ZSDN	AX08	255			180	48	19		24	24				**550**
		N/A								1					**1**
	NONE		0	0	0	0	0	0	0	0	1	0	0	0	**1**
	NaN		0	7	1	0	0	0	0	0	0	0	0	0	**8**
TOTAL			**1546**	**465**	**1195**	**1178**	**801**	**1195**	**1380**	**991**	**630**	**1001**	**1130**	**435**	**11947**

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	2010	2010	2010	**TOTAL**
	18/4	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
AX07	15/4	54	67	196	68	67	210	72	202	56	62	163	77	**1294**
AX08	7/4	341		68	180	110	19	253	29	95	7	243	38	**1383**
AX10	23/4	61	46	107	32	23	134	17	1	94		84	61	**660**
AX18	1/2				172			29	29		136	40		**406**
AX19	0/1											186		**186**
AX22	0/9	67		68			78	78			20	95	87	**493**
AX25	0/2								2	179		137		**318**
AX32	1/13	30	33		34		31	32	32	35	36	28	39	**330**
AX97	0/4	48		51				40		41				**180**
IX02	/													**0**
IX06	0/1	100												**100**
IX12	0/1	192												**192**
IX14	1/0										7			**7**
IX15	0/2						151		156					**307**
IX21	0/3	90					109		108					**307**
PX05	0/3					276		207	52		234			**769**
PX06	0/6			68	147			247						**462**
PX08	10/1	198	75	87	77	70	73	74	78	75	91	81		**979**
PX09	0/1				231									**231**
PX09	0/1				231									**231**
PX10	9/5	139	56	146	49	42	134	28	124				50	**768**
PX13	4/0		49			67	66				33			**215**
PX26	10/3	43	78	73	73	56	74	71	2					**470**
PX31	1/2			202				204		53				**459**
PX37	7/5	77	23	95	28	78	11	9	79				79	**479**
PX44	9/4	106	31	18	87	8	100	19	94					**463**
N/A		0	7	16	0	4	5	0	3	2	0	4	4	**45**
TOTAL		**1546**	**465**	**1195**	**1178**	**801**	**1195**	**1380**	**991**	**630**	**1001**	**1130**	**435**	**11734**

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

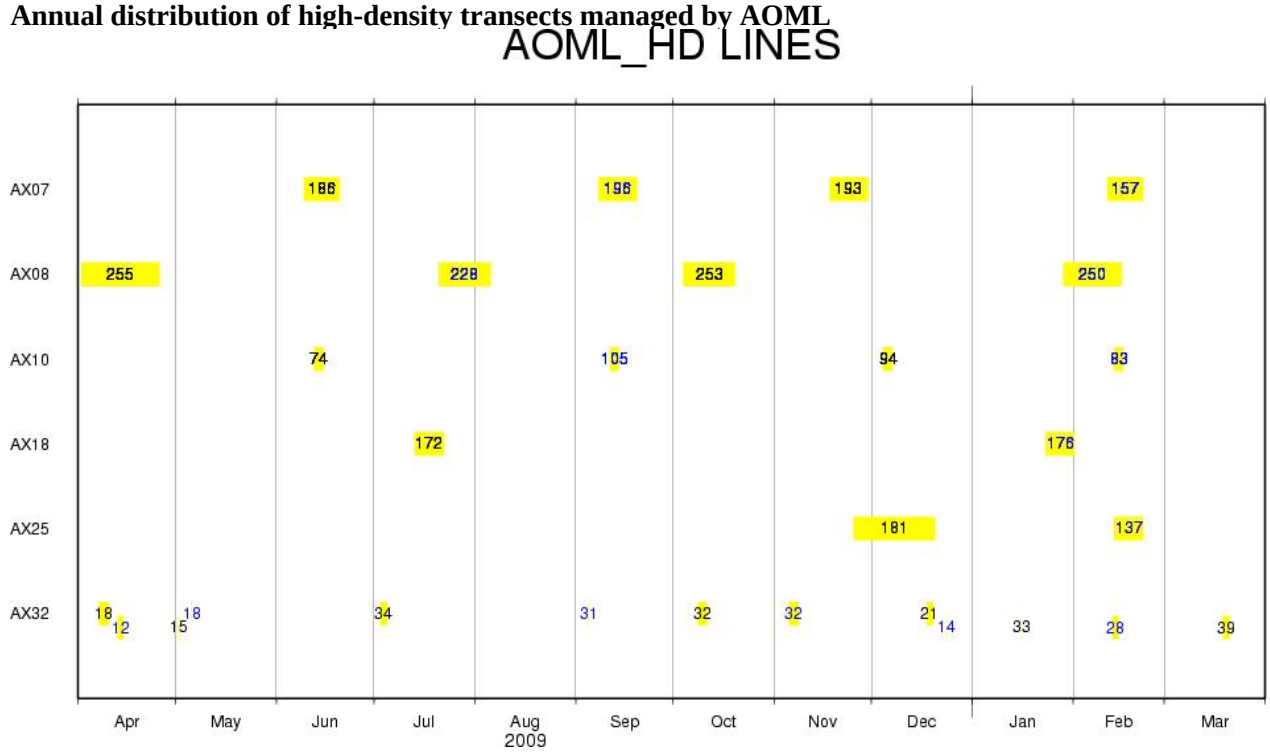
Ship Name	**Call sign**	**Route**	**Type**	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	**TOTAL**
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
HANSA FLENSBURG	A8AL3	PX13	FR		49											**49**
CAP REINGA	A8FA6	N/A	FR												4	**4**
		PX09	HD										210			**210**
		PX13	FR										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	40		**176**
MONTE AZUL	DFTH2	AX18	HD				172									**172**
ER WILHELSHAVEN	ELZY3	N/A	FR			12		1	1							**14**
		PX13	FR						66							**66**
MAERSK JAUN	HBDD	PX08	FR		75	87	77	70	73	74						**456**
MAERSK JENAZ	HBDU	PX08	FR								78	75	91	81		**325**
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	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			38	**330**
		AX08	HD							253			7	243		**503**
JOSEPHINE MAERSK	OWKF2	N/A	FR								1					**1**
		PX08	HD	198												**198**
OLEANDER	PJJU/V7SX3	AX32	FR										3			**3**
		AX32	HD	30	33		34		31	32	32	35	33	28	39	**327**
		N/A	FR			3		3	4		1					**11**
CRUZEIRO DO SUL	PWCS	AX18	FR							29	29					**58**
ALMIRANTE MAXIMIANO	PWPM	AX97	HD			51										**51**

ALMIRANTE SABOIA	PWSB	AX97	HD							40						**40**
TRIDENTE	PWYX	AX97	HD	48								41				**89**
NANCOWRY	VTXB	IX14	FR										7			**7**
LAURENCE M.GOULD	WCX7445	AX22	HD	67		68			78	78				75	64	**430**
MOANA WAVE	WCZ8065	AX22	HD										20	20	23	**63**
		N/A	FR											3		**3**
HORIZON HAWK	WDD6033	PX10	FR		29		21	10		28						**88**
		PX10	HD	116		119		16	105		124				50	**530**
		PX26	FR	9	39		50		33							**131**
		PX26	HD			51		37		40	2					**130**
		PX37	FR		19		13		3	9						**44**
		PX37	HD	73		77		78			79				79	**386**
		PX44	FR		18			1		11						**30**
		PX44	HD	88		11	77		93		94					**363**
HORIZON TIGER	WDD6042	PX10	FR	23	27	27	28	16	29							**150**
		PX26	FR	34	39	22	23	19	41	31						**209**
		PX37	FR	4	4	18	15		8							**49**
		PX44	FR	18	13	7	10	7	7	8						**70**
CSX PRODUCER	WJBJ	AX10	HD											83		**83**
CSX NAVIGATOR	WPGK	AX10	FR	61	46	33	32	23	29	17	1			1	61	**304**
		AX10	HD			74			105			94				**273**
RONALD H. BROWN	WTEC	AX19	HD											186		**186**
		N/A	FR											1		**1**
ROME EXPRESS	ZCDJ3	AX07	FR	33	43	10	38	46	14	25		21	10		19	**259**
		AX07	HD											157		**157**
MADRID EXPRESS	ZCDJ5	AX07	HD								193					**193**
BARCELONA EXPRESS	ZCDJ6	AX07	FR	21	24		30	21		47	9	35	52	6	58	**303**
		AX07	HD			186			196							**382**
		N/A	FR									1				**1**
S.A. AGULHAS	ZSAF	AX25	HD								2	179		137		**318**
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	1	0	0	0	**1**
	NaN			0	7	1	0	0	0	0	0	0	0	0	0	**8**
TOTAL				**1546**	**465**	**1195**	**1178**	**801**	**1195**	**1380**	**991**	**630**	**1001**	**1130**	**435**	**11947**

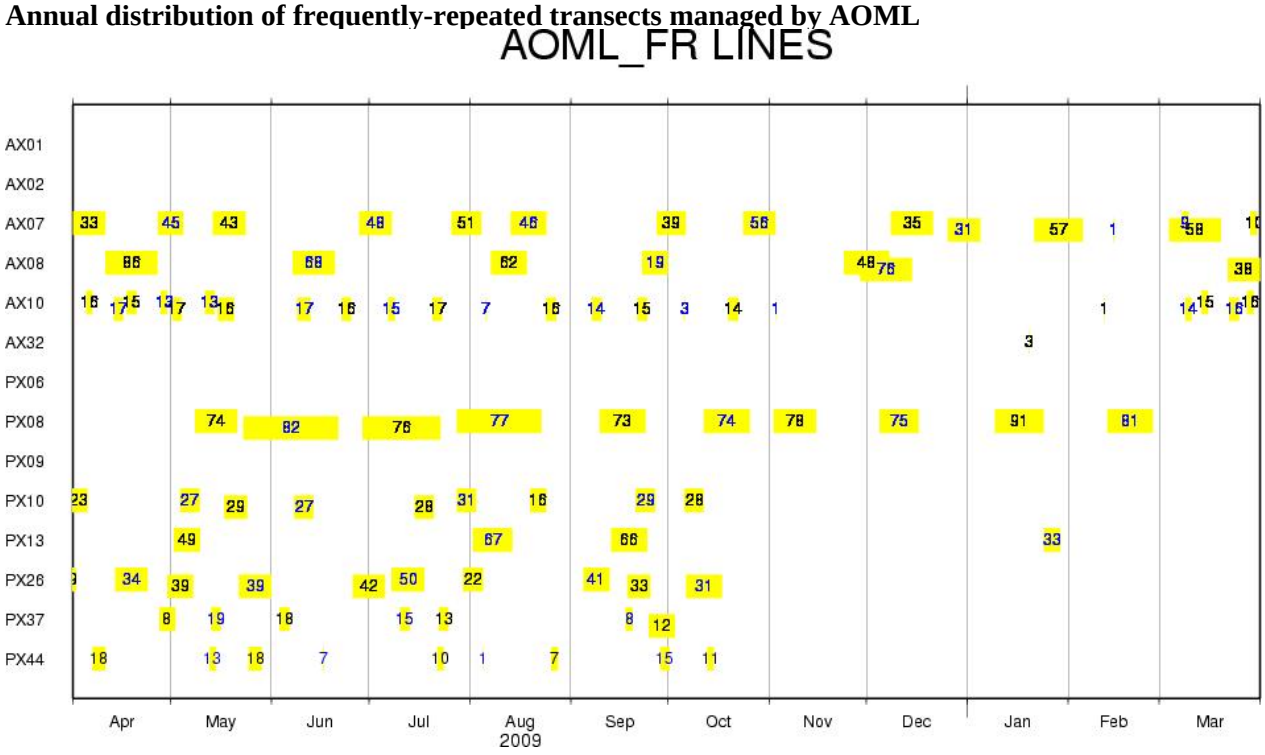
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2009	2009	2009	2009	2009	2009	2009	2009	2009	2010	2010	2010	**TOTAL**
	18/4	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
AX07	15/4	54/	67/	10/186	68/	67/	14/196	72/	9/193	56/	62/	6/157	77/	**562/732**
AX08	7/4	86/255	/	68/	/180	62/48	19/	/253	29/	95/	/7	/243	38/	**397/986**
AX10	23/4	61/	46/	33/74	32/	23/	29/105	17/	1/	/94	/	1/83	61/	**304/356**
AX18	1/2	/	/	/	/172	/	/	29/	29/	/	/136	/40	/	**58/348**
AX19	0/1	/	/	/	/	/	/	/	/	/	/	/186	/	**0/186**
AX22	0/9	/67	/	/68	/	/	/78	/78	/	/	/20	/95	/87	**0/493**
AX25	0/2	/	/	/	/	/	/	/	/2	/179	/	/137	/	**0/318**
AX32	1/13	/30	/33	/	/34	/	/31	/32	/32	/35	3/33	/28	/39	**3/327**
AX97	0/4	/48	/	/51	/	/	/	/40	/	/41	/	/	/	**0/180**
IX02	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
IX06	0/1	/100	/	/	/	/	/	/	/	/	/	/	/	**0/100**
IX12	0/1	/192	/	/	/	/	/	/	/	/	/	/	/	**0/192**
IX14	1/0	/	/	/	/	/	/	/	/	/	7/	/	/	**7/0**
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	0/6	/	/	/68	/147	/	/	/247	/	/	/	/	/	**0/462**
PX08	10/1	/198	75/	87/	77/	70/	73/	74/	78/	75/	91/	81/	/	**781/198**
PX09	0/1	/	/	/	/231	/	/	/	/	/	/	/	/	**0/231**
PX09	0/1	/	/	/	/231	/	/	/	/	/	/	/	/	**0/231**
PX10	9/5	23/116	56/	27/119	49/	26/16	29/105	28/	/124	/	/	/	/50	**238/530**
PX13	4/0	/	49/	/	/	67/	66/	/	/	/	33/	/	/	**215/0**
PX26	10/3	43/	78/	22/51	73/	19/37	74/	31/40	/2	/	/	/	/	**340/130**
PX31	1/2	/	/	/202	/	/	/	/204	/	53/	/	/	/	**53/406**
PX37	7/5	4/73	23/	18/77	28/	/78	11/	9/	/79	/	/	/	/79	**93/386**
PX44	9/4	18/88	31/	7/11	10/77	8/	7/93	19/	/94	/	/	/	/	**100/363**
N/A		0	7	16	0	4	5	0	3	2	0	4	4	**45**

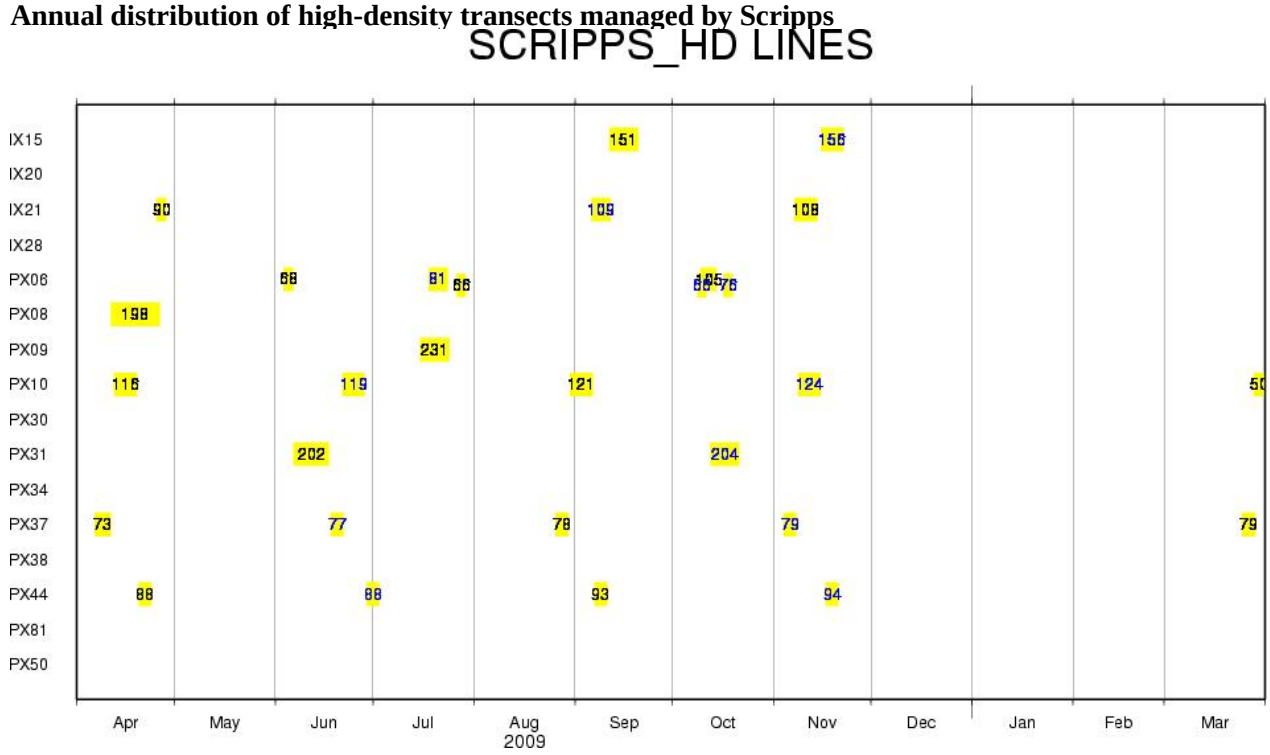
Annual distribution of high-density transects managed by AOML



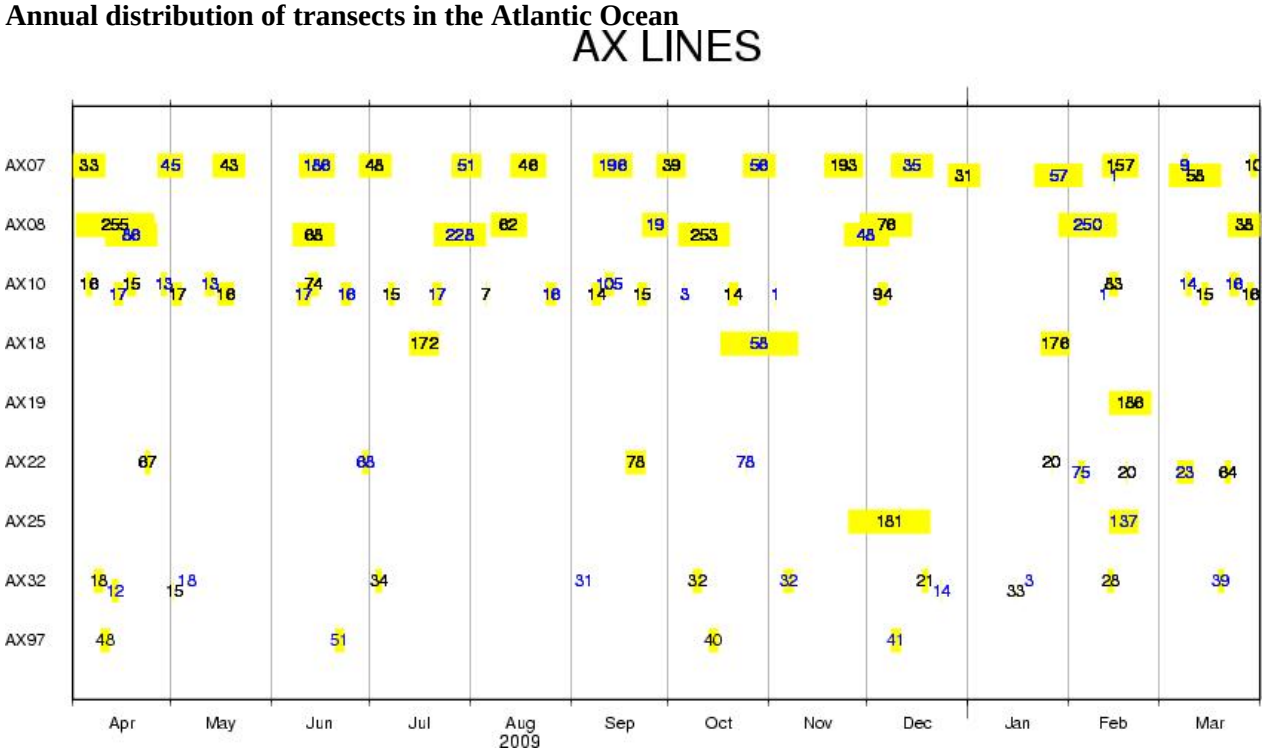
Annual distribution of frequently-repeated transects managed by AOML



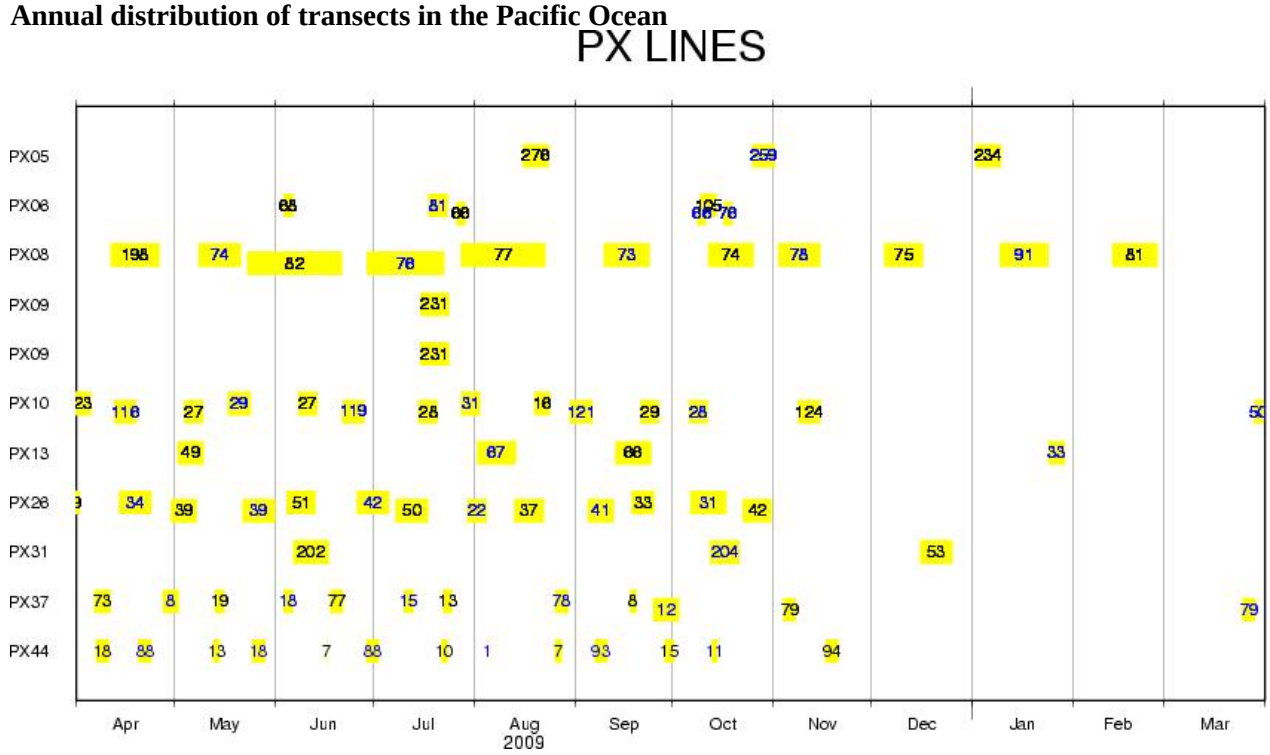
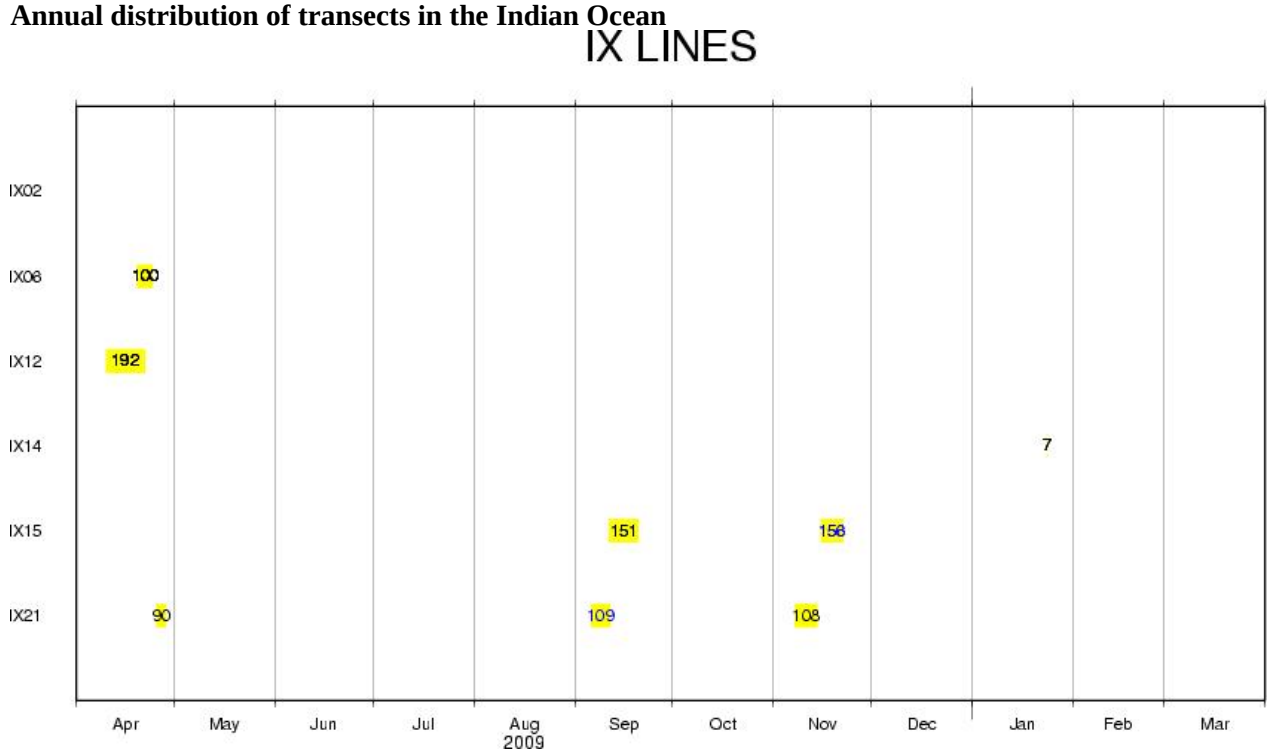
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean