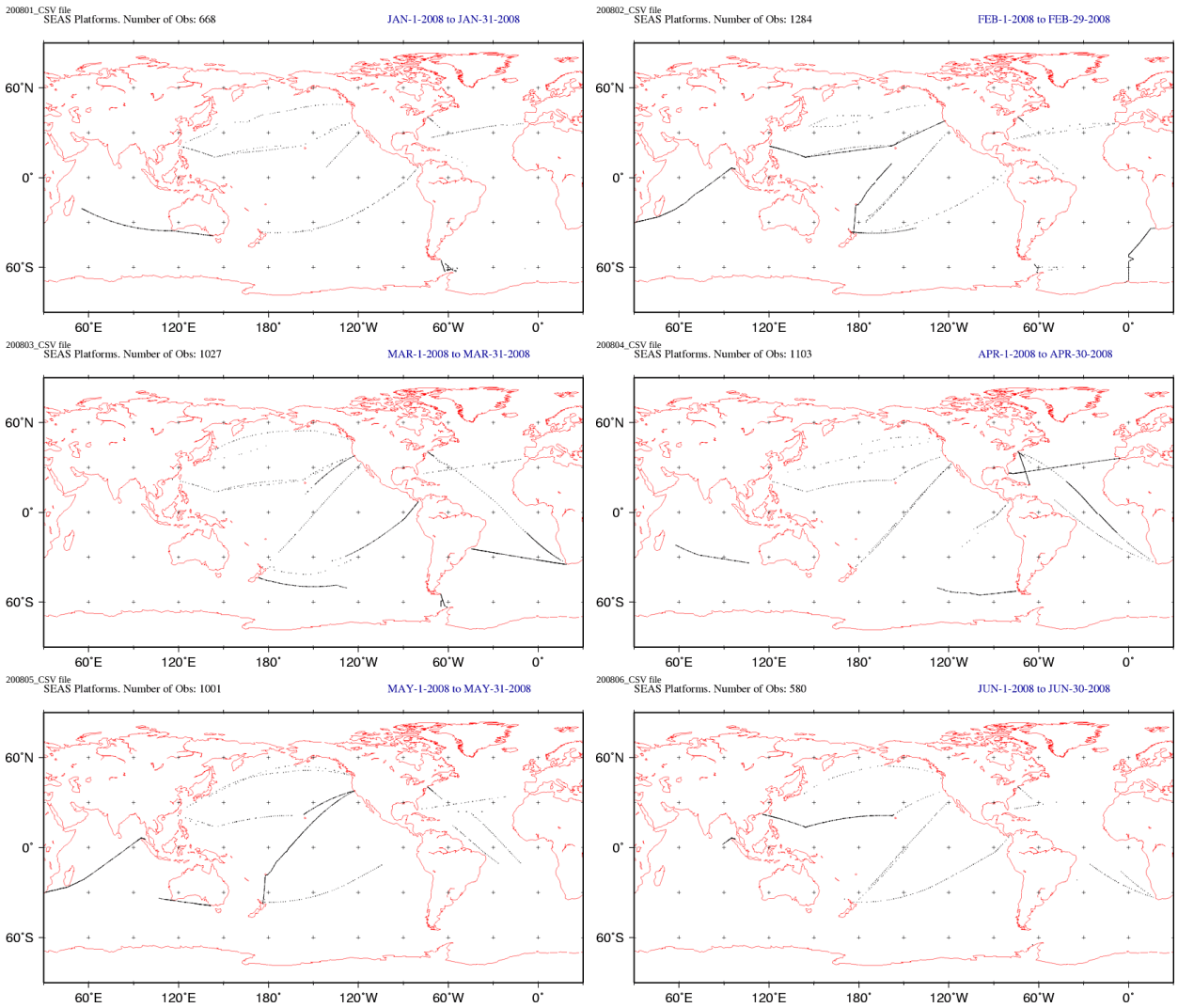
GOOS OPERATIONS: SEAS TRANSMISSIONS

Report Date: DEC 2008

GOOS Operations: XBT Program

PDF file



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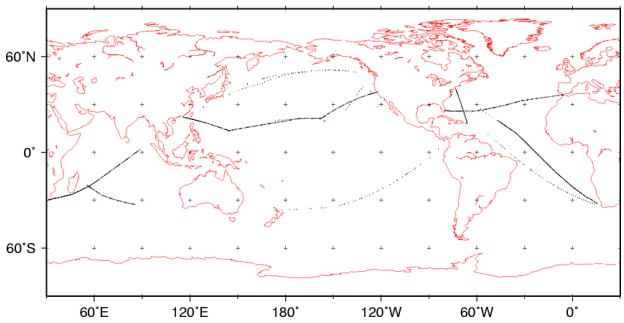

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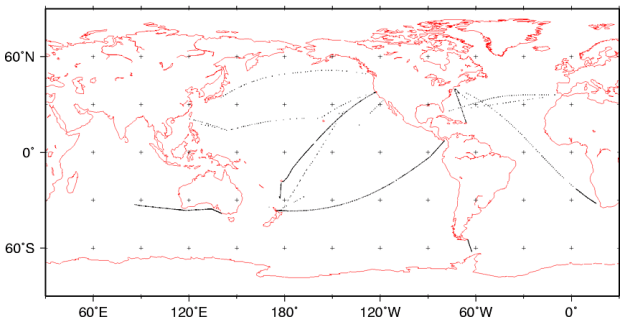

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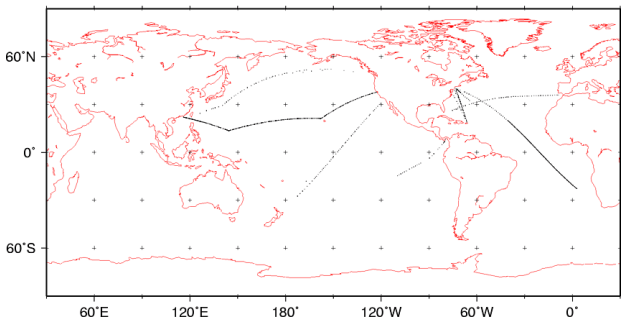

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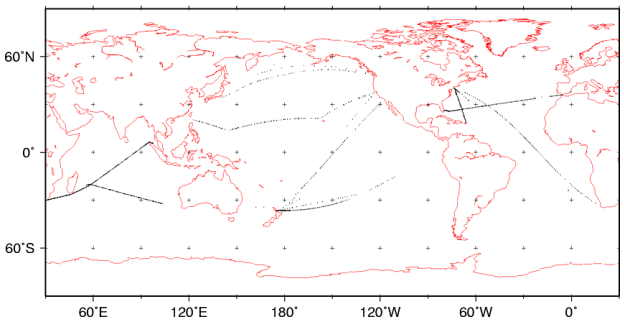

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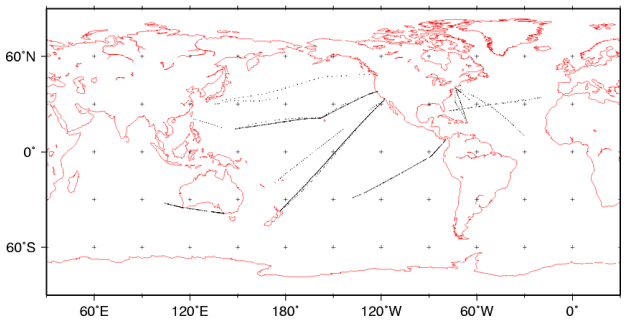

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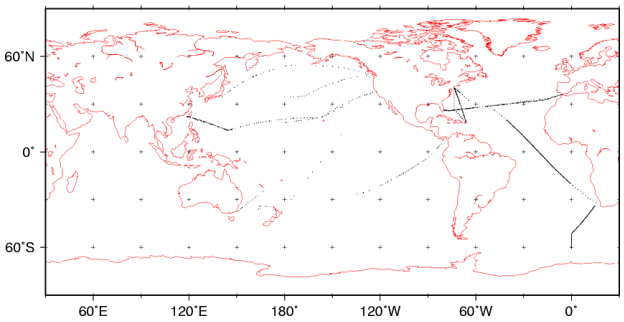


Monthly ship-by-ship detail of real-time mode XBT observations transmitted via SEAS:

Ship Name	**Call sign**	**Route**	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	**TOTAL**
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DIRECT CONDOR	A8AL3	PX13		54		61		27	11	38	53	5	52	6	**307**
		PX28								8		6			**14**
		PX83						1		1		2		7	**11**
SAFMARINE ZAMBEZI	A8CE9	AX08	5	11	53	76	69	51	48	63		71			**447**
CMA CGM LAVENDER	A8IG2	IX15	132			104	27		83	72		123	35		**576**
		IX31	69				73			74			65		**281**
CMA CGM SANTOS	C4RM2	AX18			171										**171**
SAFMARINE GONUBIE	DGVB	AX08			80	188									**268**
MAERSK NEW ORLEANS	ELZY3	PX13	23	36	58	58	2	54	3	11	1	53	244		**543**
		PX31		110	73		212			213			42	11	**661**
		PX06		70			71			61					**202**
SAFMARINE MERU	MNDC9	IX21		90			92		95			91			**368**
		IX06		114			119	36	79			117			**465**
SAFMARINE NGAMI	ONFC	AX08							269	50	234	9	34	206	**802**
NICOLAI MAERSK	OVZB2	PX08	31												**31**
JOSEPHINE MAERSK	OWKF2	PX08	55	38	20	33	53	76	37	221	24	121	124	31	**833**
NORA MAERSK	OZWP2	PX08		80	137										**217**
OLEANDER	PJJU	AX32	20	21	27	25	34	15		18	26	22	20	24	**252**
YUZHMORGEOLOGIYA	UBSZ	AX22	19	18	26										**63**
		N/A	53	18											**71**
NATHANIEL B. PALMER	WBP3210	PX50	4		135	128									**267**
LAURENCE M.GOULD	WCX7445	AX22	62		71					68					**201**
		N/A						1							**1**
HORIZON HAWK	WDD6033	PX10	33	119	21	10	12	123	122	10	120	25	108	16	**719**
		PX26	13	21	42	25	35	34	24	9	10	16	34	34	**297**
		PX37	11	83	10	15	76	5	86	8	79	11	81	8	**473**
		PX44	18	74	1	9	9	91	91	6	90	10		67	**466**
HORIZON TIGER	WDD6042	PX10	21	35	28	35	25	33	18	17	37	33	25	33	**340**
		PX26	35	26	9	13	44	1	39	37	40	37	17	23	**321**
		PX37	5	12	15	15	17	17	5	14		12	14	17	**143**
		PX44	15	13	14	6	5		11	16	12	15	12	10	**129**
CSX NAVIGATOR	WPGK	AX10				109			111	47	78	114	66	144	**669**
VERACRUZ EXPRESS	ZCDJ2	AX07				192								184	**376**
ROME EXPRESS	ZCDJ3	AX07	43	20			26		195	20	3	176	35	1	**519**
BARCELONA EXPRESS	ZCDJ6	AX07		28	36			14		45	47	2	21	37	**230**
S.A. AGULHAS	ZSAF	AX25	1	193										127	**321**
OTHER															
MIRAI	JNSR		0	0	0	0	0	0	0	0	0	1	0	0	**1**
Sirius	PWQO		0	0	0	0	0	1	0	0	0	0	0	0	**1**
	WCAH		0	0	0	1	0	0	0	0	0	0	0	0	**1**
TOTAL			**668**	**1284**	**1027**	**1103**	**1001**	**580**	**1327**	**1127**	**854**	**1072**	**1029**	**986**	**12058**

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	2008	2008	2008	2008	**TOTAL**
	18/4	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
AX04	/													**0**
AX07	14/4	43	48	36	192	26	14	195	65	50	178	56	222	**1125**
AX08	11/4	5	11	133	264	69	51	317	113	234	80	34	206	**1517**
AX10	20/4				109			111	47	78	114	66	144	**669**
AX17	/			171										**171**
AX18	0/1			171										**171**
AX22	0/6	81	18	97					68					**264**
AX25	1/2	1	193										127	**321**
AX29	/													**0**
AX32	8/11	20	21	27	25	34	15		18	26	22	20	24	**252**
AX34	/													**0**
IX06	0/4		114			119	36	79			117			**465**
IX15	0/4	132			104	27		83	72		123	35		**576**
IX20	/													**0**
IX21	0/4		90			92		95			91			**368**
IX31	0/4	69				73			74			65		**281**
PX06	0/3		70			71			61					**202**
PX08	9/3	86	118	157	33	53	76	37	221	24	121	124	31	**1081**
PX10	17/5	54	154	49	45	37	156	140	27	157	58	133	49	**1059**
PX13	15/1	23	90	58	119	2	81	14	49	54	58	296	6	**850**
PX18	/													**0**
PX26	20/0	48	47	51	38	79	35	63	46	50	53	51	57	**618**
PX28	2/0								8		6			**14**
PX31	1/3		110	73		212			213			42	11	**661**
PX33	/													**0**
PX37	16/5	16	95	25	30	93	22	91	22	79	23	95	25	**616**
PX38	/													**0**
PX39	/													**0**
PX42	/													**0**
PX44	16/5	33	87	15	15	14	91	102	22	102	25	12	77	**595**
PX50	0/2	4		135	128									**267**
PX83	5/0						1		1		2		7	**11**
N/A		53	18	-171	1	0	2	0	0	0	1	0	0	**-96**
TOTAL		**668**	**1284**	**1027**	**1103**	**1001**	**580**	**1327**	**1127**	**854**	**1072**	**1029**	**986**	**12058**

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

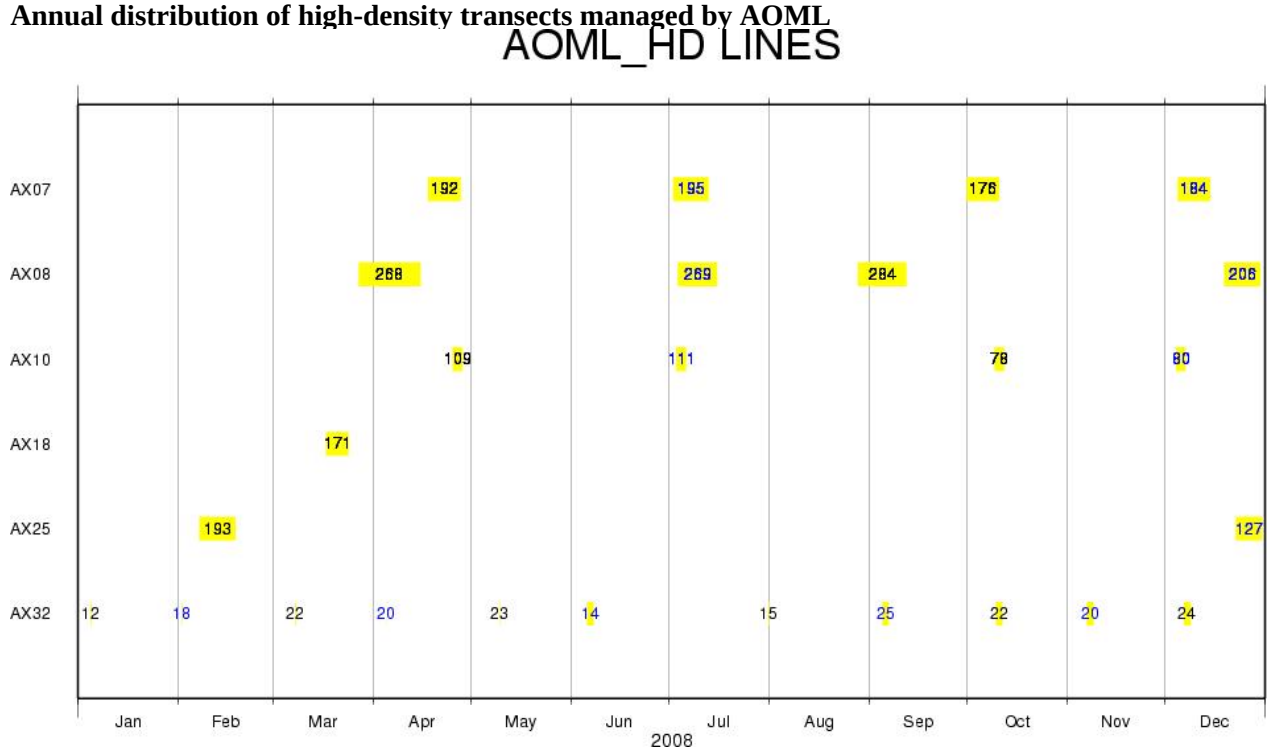
Ship Name	**Call sign**	**Route**	**Type**	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	**TOTAL**
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DIRECT CONDOR	A8AL3	PX13	FR		54		61		27	11	38	53	5	52	6	**307**
		PX28	FR								8		6			**14**
		PX83	FR						1		1		2		7	**11**
SAFMARINE ZAMBEZI	A8CE9	AX08	FR	5	11	53	76	69	51	48	63		71			**447**
CMA CGM LAVENDER	A8IG2	IX15	HD	132			104	27		83	72		123	35		**576**
		IX31	HD	69				73			74			65		**281**
CMA CGM SANTOS	C4RM2	AX18	HD			171										**171**
SAFMARINE GONUBIE	DGVB	AX08	HD			80	188									**268**
MAERSK NEW ORLEANS	ELZY3	PX13	FR	23	36	58	58	2	54	3	11	1	53			**299**
		PX13	HD											244		**244**
		PX31	FR											42	11	**53**
		PX31	HD		110	73		212			213					**608**
		PX06	HD		70			71			61					**202**
SAFMARINE MERU	MNDC9	IX21	HD		90			92		95			91			**368**
		IX06	HD		114			119	36	79			117			**465**
SAFMARINE NGAMI	ONFC	AX08	FR										9	34		**43**
		AX08	HD							269	50	234			206	**759**
NICOLAI MAERSK	OVZB2	PX08	FR	31												**31**
JOSEPHINE MAERSK	OWKF2	PX08	FR	55	38	20	33	53	76	37		24	35		31	**402**
		PX08	HD								221		86	124		**431**
NORA MAERSK	OZWP2	PX08	HD		80	137										**217**
OLEANDER	PJJU	AX32	FR	8	3	5	5	11	1		3	1				**37**
		AX32	HD	12	18	22	20	23	14		15	25	22	20	24	**215**
YUZHMORGEOLOGIYA	UBSZ	AX22	HD	19	18	26										**63**
		N/A	FR	53	18											**71**
NATHANIEL B. PALMER	WBP3210	PX50	HD	4		135	128									**267**
LAURENCE M.GOULD	WCX7445	AX22	HD	62		71					68					**201**
		N/A	FR						1							**1**
HORIZON HAWK	WDD6033	PX10	FR	33		21	10	12			10		25		9	**120**
		PX10	HD		119				123	122		120		108	7	**599**
		PX26	FR	13	21	42	25	35	34	24	9	10	16	34	34	**297**
		PX37	FR	11		10	15				8		11		8	**63**
		PX37	HD		83			76	5	86		79		81		**410**
		PX44	FR	18			9	9			6		10			**52**
		PX44	HD		74	1			91	91		90			67	**414**
HORIZON TIGER	WDD6042	PX10	FR	21	35	28	35	25	33	18	17	37	33	25	33	**340**
		PX26	FR	35	26	9	13	44	1	39	37	40	37	17	23	**321**
		PX37	FR	5	12	15	15	17	17	5	14		12	14	17	**143**
		PX44	FR	15	13	14	6	5		11	16	12	15	12	10	**129**
CSX NAVIGATOR	WPGK	AX10	FR								47	78	36	66	64	**291**
		AX10	HD				109			111			78		80	**378**
VERACRUZ EXPRESS	ZCDJ2	AX07	HD				192								184	**376**
ROME EXPRESS	ZCDJ3	AX07	FR	43	20			26			20	3		35	1	**148**
		AX07	HD							195			176			**371**

BARCELONA EXPRESS	ZCDJ6	AX07	FR		28	36			14		45	47	2	21	37	**230**
S.A. AGULHAS	ZSAF	AX25	FR	1												**1**
		AX25	HD		193										127	**320**
OTHER																
MIRAI	JNSR			0	0	0	0	0	0	0	0	0	1	0	0	**1**
Sirius	PWQO			0	0	0	0	0	1	0	0	0	0	0	0	**1**
	WCAH			0	0	0	1	0	0	0	0	0	0	0	0	**1**
TOTAL				**668**	**1284**	**1027**	**1103**	**1001**	**580**	**1327**	**1127**	**854**	**1072**	**1029**	**986**	**12058**

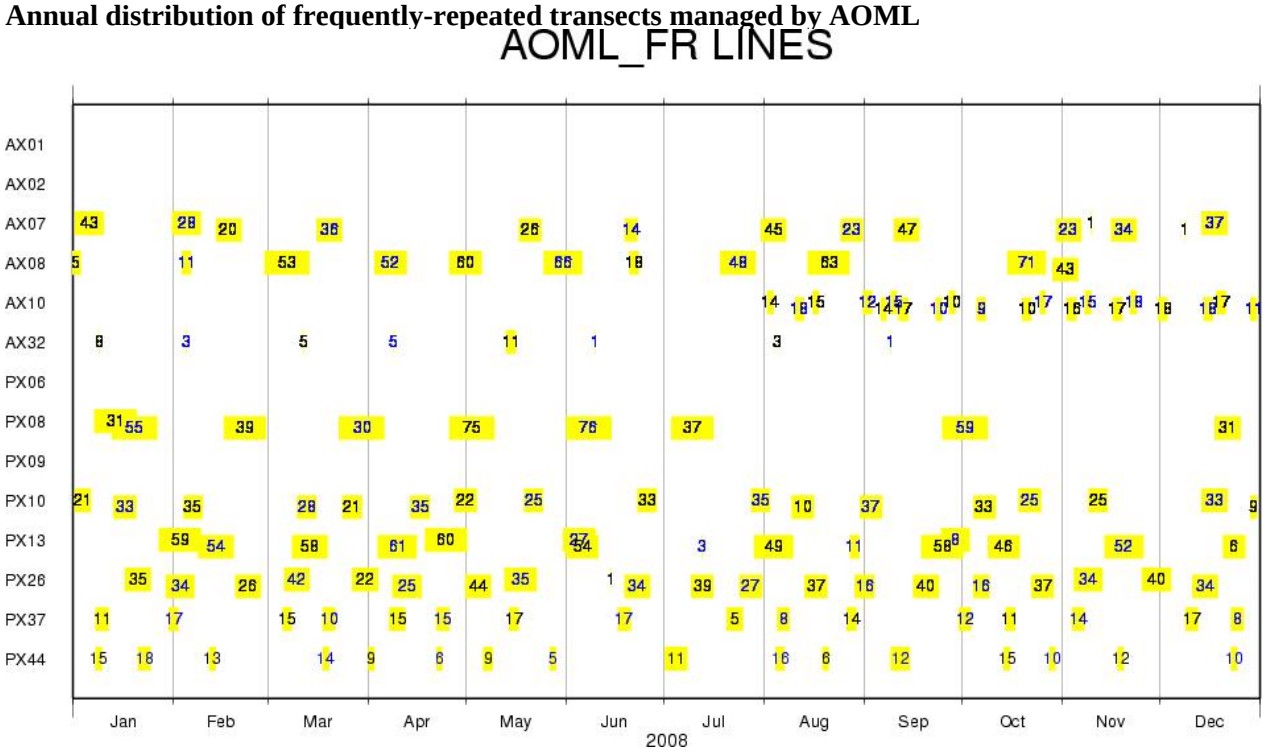
Line-by-line details of monthly XBT observations transmitted via SEAS. Detail per mode of deployment: FR/HD

Transects per year: FR/HD														
Route	**Target_Year**	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	**TOTAL**
	18/4	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
AX04	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
AX07	14/4	43/	48/	36/	/192	26/	14/	/195	65/	50/	2/176	56/	38/184	**378/747**
AX08	11/4	5/	11/	53/80	76/188	69/	51/	48/269	63/50	/234	80/	34/	/206	**490/1027**
AX10	20/4	/	/	/	/109	/	/	/111	47/	78/	36/78	66/	64/80	**291/378**
AX17	/	/	/	/171	/	/	/	/	/	/	/	/	/	**0/171**
AX18	0/1	/	/	/171	/	/	/	/	/	/	/	/	/	**0/171**
AX22	0/6	/81	/18	/97	/	/	/	/	/68	/	/	/	/	**0/264**
AX25	1/2	1/	/193	/	/	/	/	/	/	/	/	/	/127	**1/320**
AX29	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
AX32	8/11	8/12	3/18	5/22	5/20	11/23	1/14	/	3/15	1/25	/22	/20	/24	**37/215**
AX34	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
IX06	0/4	/	/114	/	/	/119	/36	/79	/	/	/117	/	/	**0/465**
IX15	0/4	/132	/	/	/104	/27	/	/83	/72	/	/123	/35	/	**0/576**
IX20	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
IX21	0/4	/	/90	/	/	/92	/	/95	/	/	/91	/	/	**0/368**
IX31	0/4	/69	/	/	/	/73	/	/	/74	/	/	/65	/	**0/281**
PX06	0/3	/	/70	/	/	/71	/	/	/61	/	/	/	/	**0/202**
PX08	9/3	86/	38/80	20/137	33/	53/	76/	37/	/221	24/	35/86	/124	31/	**433/648**
PX10	17/5	54/	35/119	49/	45/	37/	33/123	18/122	27/	37/120	58/	25/108	42/7	**460/599**
PX13	15/1	23/	90/	58/	119/	2/	81/	14/	49/	54/	58/	52/244	6/	**606/244**
PX18	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
PX26	20/0	48/	47/	51/	38/	79/	35/	63/	46/	50/	53/	51/	57/	**618/0**
PX28	2/0	/	/	/	/	/	/	/	8/	/	6/	/	/	**14/0**
PX31	1/3	/	/110	/73	/	/212	/	/	/213	/	/	42/	11/	**53/608**
PX33	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
PX37	16/5	16/	12/83	25/	30/	17/76	17/5	5/86	22/	/79	23/	14/81	25/	**206/410**
PX38	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
PX39	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
PX42	/	/	/	/	/	/	/	/	/	/	/	/	/	**0/0**
PX44	16/5	33/	13/74	14/1	15/	14/	/91	11/91	22/	12/90	25/	12/	10/67	**181/414**
PX50	0/2	/4	/	/135	/128	/	/	/	/	/	/	/	/	**0/267**
PX83	5/0	/	/	/	/	/	1/	/	1/	/	2/	/	7/	**11/0**
N/A		53	18	-171	1	0	2	0	0	0	1	0	0	**-96**

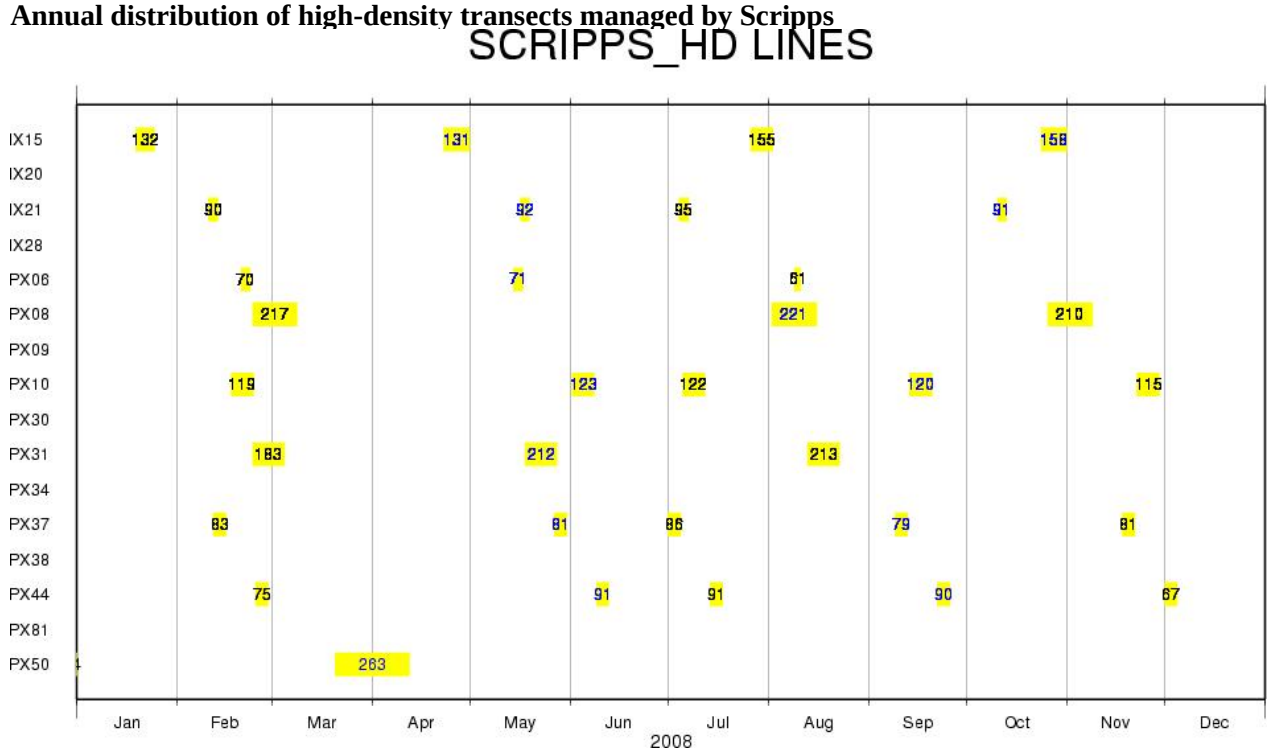
Annual distribution of high-density transects managed by AOML



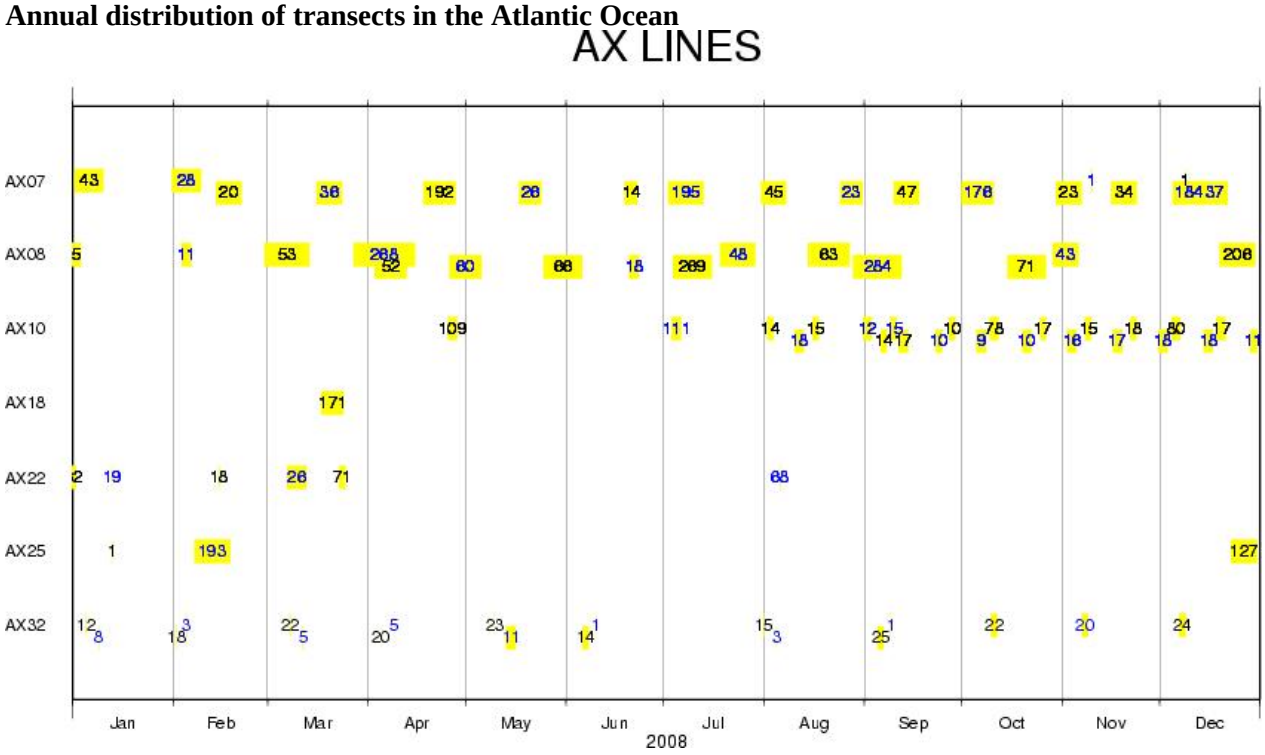
Annual distribution of frequently-repeated transects managed by AOML



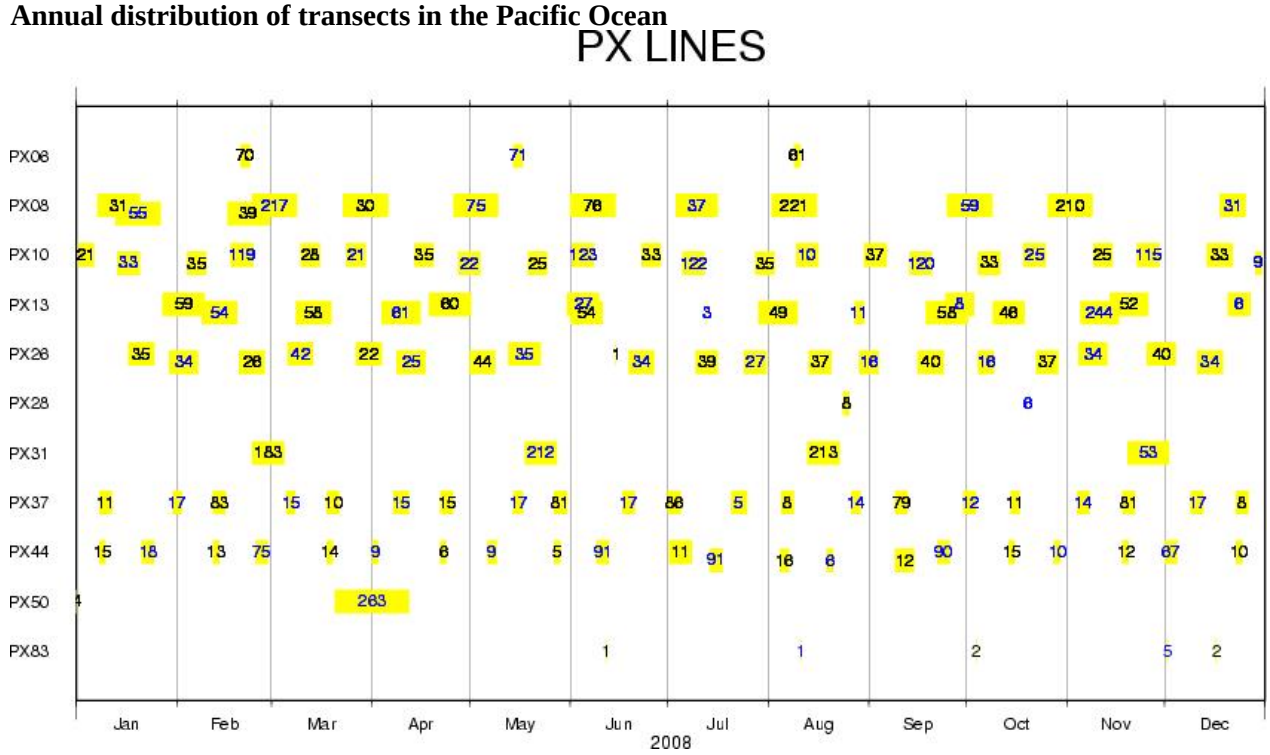
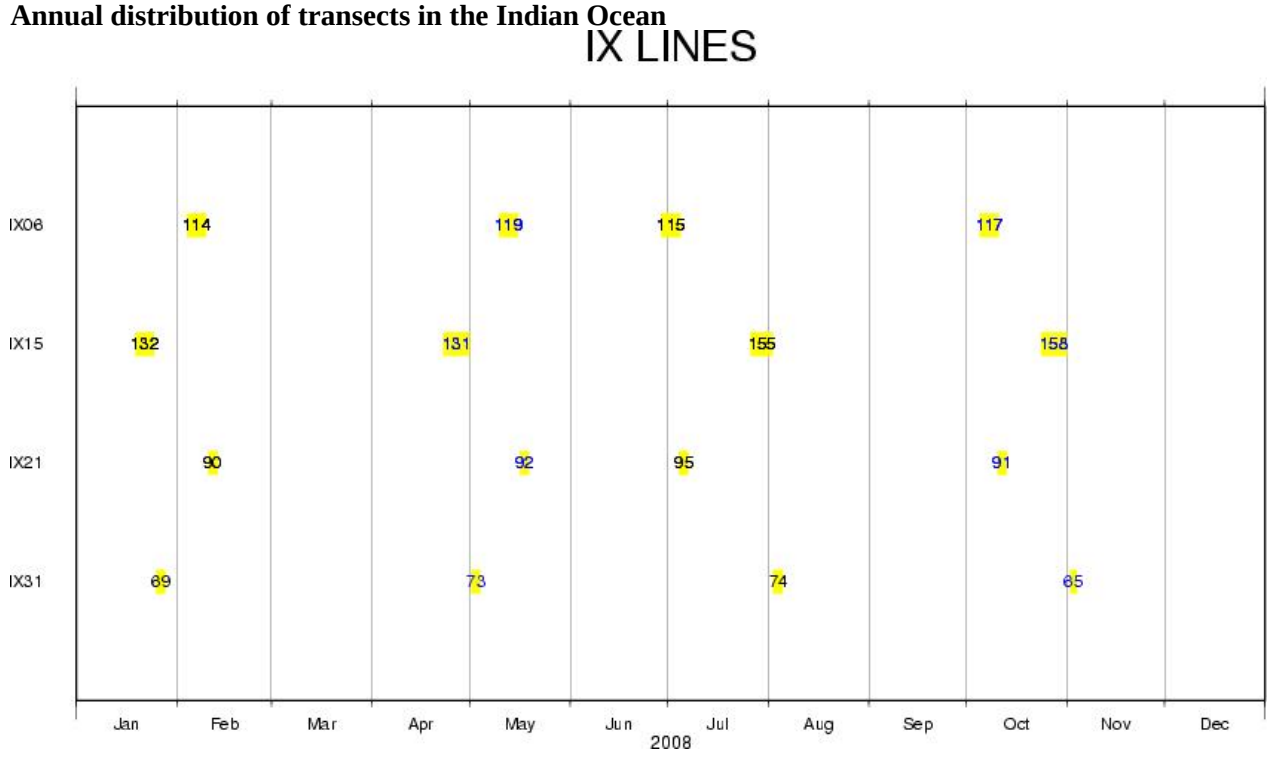
Annual distribution of high-density transects managed by Scripps



Annual distribution of transects in the Atlantic Ocean



Annual distribution of transects in the Pacific Ocean



Annual distribution of transects in the Indian Ocean