

LT-A, S2 Analysis of Current (Point Current-Meter Data), ~22 m											
Mooring Number	Start Date	End Date	Duration	Major Axis	Major Error	Minor Axis	Minor Error	Inclination	Inclination Error	Phase	Phase Error
			(days)	(cm/s)	(cm/s)	(cm/s)	(cm/s)	(degrees)	(degrees)	(degrees)	(degrees)
3392	5-Dec-89	27-Mar-90	112	1.59	0.38	-0.01	0.37	4	14	245	14
3412	29-Mar-90	10-Jul-90	104	1.16	0.65	-0.12	0.49	0	22	208	42
3482	10-Jul-90	23-Oct-90	105	1.78	1.13	0.01	0.79	9	26	227	32
3752	13-Feb-91	11-Jun-91	118	1.71	0.67	-0.45	0.47	15	18	234	24
3842	11-Jun-91	3-Oct-91	114	1.72	0.97	-0.14	0.49	6	19	246	32
3902	17-Oct-91	11-Feb-92	118	1.53	0.36	-0.14	0.33	12	14	233	13
4012	2-Jun-92	20-Oct-92	140	1.66	0.93	-0.23	0.59	7	22	253	36
4082	20-Oct-92	12-Dec-92	53	1.71	0.57	-0.22	0.32	9	12	234	17
4142	25-Feb-93	15-Jun-93	110	1.82	0.96	0.11	0.51	1	17	229	39
4212	15-Jun-93	5-Oct-93	112	1.62	0.66	0.02	0.43	12	19	258	23
4292	5-Oct-93	27-Oct-93	22	2.35	2.71	0.22	1.10	19	26	211	54
4312	15-May-94	7-Jun-94	23	1.86	2.50	-0.54	1.61	2	41	274	115
4411	7-Jun-94	4-Oct-94	119	1.02	0.93	0.53	0.64	171	70	48	103
4461	4-Oct-94	14-Feb-95	133	1.75	0.39	-0.18	0.31	3	10	235	13
4524	14-Feb-95	13-Jun-95	119	1.90	0.58	0.12	0.46	178	13	55	18
4592	13-Jun-95	26-Sep-95	105	2.12	1.48	-0.28	0.79	0	24	247	46
4633	26-Sep-95	14-Feb-96	141	1.66	0.27	-0.26	0.35	9	12	230	11
4662	14-Feb-96	11-Jun-96	118	1.38	0.47	0.13	0.40	12	17	225	21
4683	11-Jun-96	1-Oct-96	112	2.05	0.98	-0.21	0.66	13	19	252	27
4781	1-Oct-96	12-Feb-97	134	1.62	0.38	-0.15	0.43	7	17	231	15
4962	12-Feb-97	10-Jun-97	118	1.82	0.54	-0.16	0.39	20	11	228	16
5022	10-Jun-97	23-Sep-97	105	1.65	1.23	-0.62	0.89	5	41	238	59
5294	17-Jun-98	30-Sep-98	105	2.74	1.39	-0.62	0.85	176	19	54	32
5414	30-Sep-98	1-Feb-99	124	1.41	0.40	0.11	0.42	2	20	219	20
5513	10-Feb-99	11-May-99	90	1.32	0.78	0.31	0.51	179	34	43	46
5704	11-May-99	21-Sep-99	133	1.63	0.72	-0.16	0.46	13	15	234	27
5904	21-Sep-99	8-Feb-00	140	1.37	0.51	0.13	0.28	5	14	226	19
6123	15-Feb-00	9-May-00	84	2.04	0.46	0.03	0.49	15	12	246	14
6244	9-May-00	22-Aug-00	105	1.20	0.79	0.25	0.63	13	33	258	47
6314	26-Sep-00	13-Feb-01	140	1.39	0.42	0.09	0.33	12	15	226	14
6444	23-May-01	16-Oct-01	145	1.27	0.63	0.15	0.60	27	26	239	34
6644	23-Oct-01	6-Feb-02	106	1.31	0.30	0.00	0.41	7	19	227	14
6824	28-Apr-02	21-May-02	23	2.39	1.40	0.05	1.31	41	28	255	36
6894	21-May-02	12-Oct-02	144	1.42	0.79	0.03	0.54	4	21	250	34
6964	24-Oct-02	12-Feb-03	110	1.70	0.35	0.30	0.41	11	17	231	11

LT-A, M2 Analysis of Current (Point Current-Meter Data), ~22 m											
Mooring Number	Start Date	End Date	Duration	Major Axis	Major Error	Minor Axis	Minor Error	Inclination	Inclination Error	Phase	Phase Error
			(days)	(cm/s)	(cm/s)	(cm/s)	(cm/s)	(degrees)	(degrees)	(degrees)	(degrees)
3392	5-Dec-89	27-Mar-90	112	8.55	0.41	-0.20	0.36	2	3	196	2
3412	29-Mar-90	10-Jul-90	104	8.21	0.77	0.13	0.53	6	4	207	6
3482	10-Jul-90	23-Oct-90	105	11.12	1.12	-0.33	0.86	6	4	202	7
3752	13-Feb-91	11-Jun-91	118	9.69	0.70	-0.31	0.40	5	3	203	4
3842	11-Jun-91	3-Oct-91	114	11.07	0.84	-0.58	0.56	5	3	205	5
3902	17-Oct-91	11-Feb-92	118	9.51	0.33	-0.11	0.41	4	2	199	2
3972	11-Feb-92	20-Feb-92	8	10.76	2.42	0.22	0.89	11	5	186	13
4012	2-Jun-92	20-Oct-92	140	11.73	0.80	-1.06	0.55	8	3	212	5
4082	20-Oct-92	12-Dec-92	53	9.01	0.56	-0.26	0.36	10	2	199	3
4142	25-Feb-93	15-Jun-93	110	10.29	1.06	0.05	0.47	6	3	201	6
4212	15-Jun-93	5-Oct-93	112	10.81	0.66	-0.30	0.45	2	3	207	4
4292	5-Oct-93	27-Oct-93	22	9.46	2.36	0.98	0.95	2	6	189	14
4312	15-May-94	7-Jun-94	23	7.64	4.13	1.81	1.44	1	13	209	30
4411	7-Jun-94	4-Oct-94	119	12.24	1.19	-0.53	0.69	1	3	205	6
4461	4-Oct-94	14-Feb-95	133	9.86	0.39	0.12	0.29	6	2	197	2
4524	14-Feb-95	13-Jun-95	119	9.90	0.60	0.17	0.44	3	2	195	3
4592	13-Jun-95	26-Sep-95	105	14.35	1.65	-0.72	0.84	178	3	23	7
4633	26-Sep-95	14-Feb-96	141	9.21	0.23	-0.14	0.34	9	2	199	2
4662	14-Feb-96	11-Jun-96	118	9.46	0.49	-0.15	0.45	9	3	197	3
4683	11-Jun-96	1-Oct-96	112	11.52	0.96	-1.05	0.61	9	3	206	5
4781	1-Oct-96	12-Feb-97	134	9.39	0.41	-0.21	0.46	6	3	195	2
4962	12-Feb-97	10-Jun-97	118	9.40	0.52	-0.09	0.36	15	2	197	3
5022	10-Jun-97	23-Sep-97	105	12.24	1.63	-0.73	0.81	4	4	205	6
5294	17-Jun-98	30-Sep-98	105	13.33	1.08	-1.40	0.88	179	3	17	6
5414	30-Sep-98	1-Feb-99	124	9.29	0.37	-0.24	0.47	4	2	197	3
5513	10-Feb-99	11-May-99	90	8.52	0.67	0.20	0.55	7	4	202	5
5704	11-May-99	21-Sep-99	133	11.79	0.79	-0.80	0.46	7	2	205	4
5904	21-Sep-99	8-Feb-00	140	9.18	0.48	0.01	0.31	10	2	197	3
6123	15-Feb-00	9-May-00	84	8.84	0.55	0.48	0.46	7	3	197	4
6244	9-May-00	22-Aug-00	105	12.04	0.81	-0.93	0.48	10	3	206	4
6314	26-Sep-00	13-Feb-01	140	9.26	0.41	-0.41	0.35	7	3	202	2
6444	23-May-01	16-Oct-01	145	11.16	0.67	-0.84	0.56	12	3	212	4
6644	23-Oct-01	6-Feb-02	106	8.96	0.38	-0.27	0.41	11	3	200	2
6824	28-Apr-02	21-May-02	23	7.94	2.05	0.29	0.65	4	5	202	12
6894	21-May-02	12-Oct-02	144	9.95	0.82	-0.51	0.55	8	3	206	4
6964	24-Oct-02	12-Feb-03	110	9.29	0.40	-0.54	0.41	8	3	205	2

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			(days)	(cm/s)	(cm/s)	(cm/s)	(cm/s)	(degrees)	(degrees)	(degrees)	(degrees)
3392	5-Dec-89	27-Mar-90	112	1.74	0.38	-0.01	0.38	2	13	158	13
3412	29-Mar-90	10-Jul-90	104	2.35	0.75	-0.31	0.50	6	11	173	17
3482	10-Jul-90	23-Oct-90	105	2.77	1.08	-0.89	0.83	7	20	168	24
3752	13-Feb-91	11-Jun-91	118	1.49	0.68	0.28	0.45	0	16	162	30
3842	11-Jun-91	3-Oct-91	114	2.70	0.96	-0.07	0.57	4	13	168	17
3902	17-Oct-91	11-Feb-92	118	2.00	0.30	0.05	0.38	179	10	344	11
4012	2-Jun-92	20-Oct-92	140	3.22	0.90	-0.15	0.59	179	11	351	22
4082	20-Oct-92	12-Dec-92	53	1.55	0.57	0.36	0.36	14	13	172	21
4142	25-Feb-93	15-Jun-93	110	2.99	1.04	-0.26	0.57	4	11	167	19
4212	15-Jun-93	5-Oct-93	112	2.81	0.66	-0.41	0.47	3	10	178	13
4312	16-Feb-94	14-May-94	87	2.13	0.66	0.10	0.52	12	15	169	19
4411	7-Jun-94	4-Oct-94	119	2.04	1.07	0.48	0.71	171	22	346	32
4461	4-Oct-94	14-Feb-95	133	2.35	0.34	-0.05	0.32	8	8	170	8
4524	14-Feb-95	13-Jun-95	119	2.18	0.56	0.15	0.42	173	12	345	16
4592	13-Jun-95	26-Sep-95	105	3.32	1.61	-0.36	0.82	177	15	343	26
4633	26-Sep-95	14-Feb-96	141	2.11	0.26	-0.11	0.32	13	10	175	7
4662	14-Feb-96	11-Jun-96	118	1.85	0.45	-0.23	0.42	13	14	162	14
4683	11-Jun-96	1-Oct-96	112	2.35	0.98	0.04	0.67	8	15	160	24
4781	1-Oct-96	12-Feb-97	134	2.11	0.41	-0.16	0.35	16	12	166	11
4962	12-Feb-97	10-Jun-97	118	1.90	0.46	-0.24	0.35	15	11	159	16
5022	10-Jun-97	23-Sep-97	105	2.05	1.40	0.04	0.85	10	25	178	39
5294	17-Jun-98	30-Sep-98	105	2.96	1.15	-0.61	0.76	176	17	338	27
5414	30-Sep-98	1-Feb-99	124	2.24	0.45	-0.20	0.42	9	9	160	10
5513	10-Feb-99	11-May-99	90	1.79	0.72	-0.25	0.58	5	20	174	25
5704	11-May-99	21-Sep-99	133	1.96	0.74	0.18	0.41	8	13	162	23
5904	21-Sep-99	8-Feb-00	140	2.14	0.48	0.21	0.33	7	9	160	14
6123	15-Feb-00	9-May-00	84	1.59	0.51	-0.06	0.45	0	16	140	22
6244	9-May-00	22-Aug-00	105	3.00	0.94	-0.31	0.59	14	12	173	16
6314	26-Sep-00	13-Feb-01	140	2.26	0.38	-0.22	0.38	3	10	166	10
6444	23-May-01	16-Oct-01	145	3.04	0.75	-0.28	0.49	7	10	163	15
6644	23-Oct-01	6-Feb-02	106	2.10	0.32	-0.27	0.44	11	11	172	10
6824	6-Feb-02	21-Apr-02	74	2.47	0.48	-0.03	0.44	9	10	166	11
6894	21-May-02	12-Oct-02	144	1.97	0.77	-0.06	0.56	18	18	188	20
6964	24-Oct-02	12-Feb-03	110	2.20	0.39	-0.06	0.45	12	11	158	10

LT-A, O1 Analysis of Current (Point Current-Meter Data), ~22 m											
Mooring Number	Start Date	End Date	Duration	Major Axis	Major Error	Minor Axis	Minor Error	Inclination	Inclination Error	Phase	Phase Error
			(days)	(cm/s)	(cm/s)	(cm/s)	(cm/s)	(degrees)	(degrees)	(degrees)	(degrees)
3392	5-Dec-89	27-Mar-90	112	0.42	0.36	-0.05	0.28	23	41	314	59
3412	29-Mar-90	10-Jul-90	104	0.55	0.47	-0.02	0.38	172	44	73	64
3482	10-Jul-90	23-Oct-90	105	0.52	0.34	-0.04	0.43	2	52	267	47
3752	13-Feb-91	11-Jun-91	118	0.47	0.50	0.18	0.54	157	85	59	98
3842	11-Jun-91	3-Oct-91	114	0.34	0.31	-0.16	0.31	12	90	257	76
3902	17-Oct-91	11-Feb-92	118	0.49	0.33	0.00	0.32	15	45	268	46
4012	2-Jun-92	20-Oct-92	140	0.61	0.28	-0.06	0.29	7	33	286	28
4082	20-Oct-92	12-Dec-92	53	0.74	0.43	-0.26	0.47	33	56	308	56
4142	25-Feb-93	15-Jun-93	110	0.56	0.57	0.16	0.54	148	67	35	85
4212	15-Jun-93	5-Oct-93	112	0.32	0.27	0.05	0.26	55	67	306	69
4312	16-Feb-94	14-May-94	87	0.44	0.54	0.11	0.45	79	88	314	101
4411	7-Jun-94	4-Oct-94	119	0.61	0.45	0.11	0.39	153	44	84	49
4461	4-Oct-94	14-Feb-95	133	0.64	0.42	0.00	0.50	168	44	110	43
4524	14-Feb-95	13-Jun-95	119	0.66	0.62	-0.06	0.41	18	48	260	53
4592	13-Jun-95	26-Sep-95	105	0.47	0.56	0.28	0.40	11	79	258	107
4633	26-Sep-95	14-Feb-96	141	0.71	0.38	-0.27	0.49	164	48	94	50
4662	14-Feb-96	11-Jun-96	118	0.79	0.65	-0.05	0.54	11	46	271	53
4683	11-Jun-96	1-Oct-96	112	0.98	0.59	-0.37	0.52	24	51	261	48
4781	1-Oct-96	12-Feb-97	134	0.28	0.50	0.05	0.43	140	100	7	130
4962	12-Feb-97	10-Jun-97	118	0.82	0.52	-0.44	0.48	178	70	83	67
5022	10-Jun-97	23-Sep-97	105	0.39	0.42	-0.04	0.40	164	86	66	90
5294	17-Jun-98	30-Sep-98	105	0.40	0.28	-0.09	0.31	51	49	295	56
5414	30-Sep-98	1-Feb-99	124	0.78	0.59	0.09	0.49	142	47	37	52
5513	10-Feb-99	11-May-99	90	0.55	0.59	-0.10	0.51	146	83	58	85
5704	11-May-99	21-Sep-99	133	0.51	0.33	-0.03	0.31	2	39	275	42
5904	21-Sep-99	8-Feb-00	140	0.38	0.34	0.22	0.34	2	89	255	92
6123	15-Feb-00	9-May-00	84	0.34	0.59	0.15	0.59	24	119	305	147
6244	9-May-00	22-Aug-00	105	0.44	0.36	0.12	0.28	10	57	284	67
6314	26-Sep-00	13-Feb-01	140	0.50	0.30	-0.17	0.37	8	55	280	55
6444	23-May-01	16-Oct-01	145	0.28	0.25	0.25	0.24	170	109	78	123
6644	23-Oct-01	6-Feb-02	106	0.75	0.41	0.05	0.29	8	21	259	33
6824	6-Feb-02	21-Apr-02	74	0.74	0.64	-0.17	0.66	11	69	242	61
6894	21-May-02	12-Oct-02	144	0.25	0.23	0.12	0.23	80	106	333	91
6964	24-Oct-02	12-Feb-03	110	0.35	0.35	-0.22	0.39	36	98	241	103

LT-A, K1 Analysis of Current (Point Current-Meter Data), ~22 m											
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			(days)	(cm/s)	(cm/s)	(cm/s)	(cm/s)	(degrees)	(degrees)	(degrees)	(degrees)
3392	5-Dec-89	27-Mar-90	112	0.59	0.42	0.09	0.33	4	37	285	41
3412	29-Mar-90	10-Jul-90	104	1.07	0.49	-0.65	0.44	10	52	313	56
3482	10-Jul-90	23-Oct-90	105	0.73	0.47	-0.12	0.39	87	33	4	43
3752	13-Feb-91	11-Jun-91	118	0.99	0.57	-0.49	0.49	21	47	302	50
3842	11-Jun-91	3-Oct-91	114	0.65	0.41	-0.15	0.39	71	44	345	41
3902	17-Oct-91	11-Feb-92	118	0.58	0.40	-0.07	0.32	10	40	298	42
3972	11-Feb-92	20-Feb-92	8	0.95	1.03	0.03	1.05	148	82	116	93
4012	2-Jun-92	20-Oct-92	140	0.53	0.29	0.08	0.27	63	40	348	38
4082	20-Oct-92	12-Dec-92	53	1.03	0.57	0.09	0.48	167	33	83	25
4142	25-Feb-93	15-Jun-93	110	0.98	0.69	-0.36	0.60	26	45	300	47
4212	15-Jun-93	5-Oct-93	112	0.68	0.29	-0.29	0.39	98	45	337	35
4292	5-Oct-93	27-Oct-93	22	1.07	0.72	0.28	0.98	114	67	39	50
4312	15-May-94	7-Jun-94	23	1.93	1.41	-0.80	0.78	17	34	345	55
4411	7-Jun-94	4-Oct-94	119	0.64	0.33	-0.20	0.47	77	57	341	49
4461	4-Oct-94	14-Feb-95	133	0.61	0.39	0.20	0.41	165	54	62	60
4524	14-Feb-95	13-Jun-95	119	1.30	0.56	-0.76	0.44	177	42	120	54
4592	13-Jun-95	26-Sep-95	105	1.26	0.37	-0.66	0.58	78	43	353	35
4633	26-Sep-95	14-Feb-96	141	0.48	0.39	0.07	0.36	139	57	90	55
4662	14-Feb-96	11-Jun-96	118	0.82	0.51	-0.54	0.52	167	68	162	70
4683	11-Jun-96	1-Oct-96	112	0.84	0.52	-0.32	0.52	63	54	356	52
4781	1-Oct-96	12-Feb-97	134	0.53	0.47	-0.02	0.52	36	73	315	67
4962	12-Feb-97	10-Jun-97	118	1.13	0.52	-0.74	0.48	25	53	290	50
5022	10-Jun-97	23-Sep-97	105	1.14	0.48	-0.35	0.49	41	28	356	30
5294	17-Jun-98	30-Sep-98	105	0.87	0.29	0.01	0.29	57	21	353	18
5414	30-Sep-98	1-Feb-99	124	0.70	0.56	-0.05	0.41	7	46	289	54
5513	10-Feb-99	11-May-99	90	1.87	0.67	-0.89	0.60	158	27	133	27
5704	11-May-99	21-Sep-99	133	1.19	0.34	-0.27	0.31	31	18	323	16
5904	21-Sep-99	8-Feb-00	140	0.29	0.33	0.18	0.31	31	103	336	110
6123	15-Feb-00	9-May-00	84	0.91	0.75	-0.43	0.80	179	70	121	60
6244	9-May-00	22-Aug-00	105	1.17	0.35	-0.34	0.35	30	22	316	21
6314	26-Sep-00	13-Feb-01	140	0.51	0.29	0.13	0.36	168	50	102	50
6444	23-May-01	16-Oct-01	145	0.62	0.30	0.09	0.28	44	28	322	33
6644	23-Oct-01	6-Feb-02	106	0.60	0.38	-0.02	0.31	176	28	116	44
6824	28-Apr-02	21-May-02	23	2.10	1.37	-1.86	1.33	73	125	261	116
6894	21-May-02	12-Oct-02	144	0.70	0.30	-0.23	0.29	60	28	339	29
6964	24-Oct-02	12-Feb-03	110	0.71	0.46	0.13	0.41	12	38	319	47