

TABLE A1

Final relocations for 140 Mehetia events

Date	Origin Time	Epicenter	SR	HCE	VCE	NS	Magnitudes	
			s	km	km		Tahiti	Rangiroa
Mar. 7, 1981	14:14:02.37	17.920 148.019	0.06	3.9	6.7	10	2.48	2.18
Mar. 7, 1981	14:20:29.37	17.896 148.028	0.04	6.2	10.3	5	2.24	1.88
Mar. 7, 1981	22:36:46.43	17.915 148.026	0.03	5.5	9.3	7	2.85	2.89
Mar. 8, 1981	07:11:01.88	17.906 148.019	0.03	3.6	5.6	6	2.75	2.34
Mar. 8, 1981	08:53:39.34	17.915 148.019	0.04	4.4	7.1	9	2.95	2.81
Mar. 8, 1981	10:18:37.27	17.887 148.038	0.03	3.4	5.6	8	2.42	2.87
Mar. 8, 1981	14:02:56.30	17.904 148.024	0.03	2.3	4.0	10	3.29	3.32
Mar. 8, 1981	14:14:25.35	17.914 148.023	0.04	2.9	5.0	10	3.21	3.09
Mar. 8, 1981	14:19:04.70	17.920 148.018	0.02	2.7	4.3	5	2.39	2.30
Mar. 8, 1981	14:26:59.56	17.908 148.029	0.02	6.5	10.7	4	2.45	2.11
Mar. 8, 1981	14:33:41.80	17.911 148.022	0.04	3.2	5.3	10	3.08	3.13
Mar. 8, 1981	14:59:33.35	17.926 148.014	0.04	2.7	4.6	10	3.00	3.05
Mar. 8, 1981	18:48:17.11	17.897 148.027	0.02	4.8	8.2	7	2.65	2.58
Mar. 8, 1981	22:24:46.94	17.955 148.005	0.03	3.4	5.8	6	2.57	2.27
Mar. 9, 1981	04:26:27.81	17.938 148.008	0.04	2.8	4.7	7	2.78	2.63
Mar. 9, 1981	04:46:01.97	17.892 148.042	0.04	4.0	7.1	6	2.74	2.47
Mar. 9, 1981	08:27:09.93	17.962 147.992	0.05	5.5	9.5	8	2.85	2.74
Mar. 9, 1981	10:24:30.05	17.927 148.027	0.05	5.7	9.0	7	2.48	2.79
Mar. 9, 1981	10:35:43.45	17.942 148.026	0.04	6.9	11.6	5	2.61	2.58
Mar. 9, 1981	10:40:01.64	17.958 148.021	0.03	3.5	6.0	9	2.78	2.88
Mar. 10, 1981	10:24:17.37	17.959 148.036	0.03	6.0	9.8	7	2.45	2.45
Mar. 10, 1981	18:34:21.69	17.908 148.030	0.03	24.1	37.8	6	2.78	3.04
Mar. 11, 1981	00:40:13.41	17.918 148.036	0.04	19.2	30.5	7	3.21	3.24
Mar. 11, 1981	03:33:33.62	17.966 148.037	0.01	3.6	6.0	7	3.48	3.27
Mar. 11, 1981	12:03:19.16	17.951 148.044	0.04	9.3	15.2	7	3.48	3.67
Mar. 15, 1981	16:16:52.90	17.952 148.055	0.02	5.3	8.7	8	3.91	4.28
Mar. 16, 1981	10:39:43.89	17.957 148.004	0.03	5.9	9.7	8	2.89	3.16
Mar. 17, 1981	18:16:11.24	17.958 148.000	0.05	5.1	8.7	9	2.91	2.83
Mar. 17, 1981	19:37:53.79	17.977 147.997	0.03	3.7	6.4	9	3.05	3.24
Mar. 17, 1981	23:37:56.92	17.977 147.994	0.06	6.1	10.4	6	2.26	2.28
Mar. 20, 1981	03:06:46.67	17.867 148.055	0.04	40.1	62.8	4	2.24	2.51
Mar. 20, 1981	12:38:55.32	17.942 148.041	0.03	3.0	5.2	9	3.08	3.33
Mar. 23, 1981	17:48:50.55	17.924 148.033	0.04	3.6	6.4	9	2.96	2.85
Mar. 24, 1981	01:18:37.53	17.960 148.048	0.02	5.8	9.6	5	2.28	2.55
Mar. 24, 1981	09:35:43.21	17.945 148.042	0.03	3.2	5.6	9	2.78	3.19
Mar. 25, 1981	17:10:49.29	17.982 148.032	0.02	2.8	4.7	9	3.81	3.95
Mar. 31, 1981	18:04:11.24	18.073 147.897	0.02	6.3	9.9	5	2.45	2.25
Apr. 3, 1981	15:32:18.88	17.896 148.041	0.05	10.5	17.5	7	2.26	2.75
Apr. 4, 1981	03:22:53.88	18.036 147.930	0.03	4.8	7.5	5	2.39	2.64
Apr. 4, 1981	06:46:12.21	18.046 147.926	0.02	3.7	6.3	6	2.39	2.53
Apr. 4, 1981	11:55:14.51	18.055 147.918	0.04	4.3	7.2	9	2.92	3.12
Apr. 8, 1981	06:30:31.23	18.062 147.931	0.03	3.9	6.6	7	2.54	2.67
Apr. 8, 1981	10:36:45.78	18.135 147.877	0.08	10.8	8.3	5	2.26	2.54
Apr. 8, 1981	15:45:32.10	18.070 147.922	0.01	2.3	3.9	7	2.35	2.49

Apr. 8, 1981	18:13:30.05	18.068	147.922	0.03	3.8	6.3	9	2.99	3.58
Apr. 9, 1981	09:45:32.75	17.990	147.962	0.07	7.0	12.1	7	2.56	2.72
Apr. 10, 1981	16:36:44.95	18.157	147.874	0.07	10.4	16.9	5	2.00	2.25
Apr. 10, 1981	21:46:22.36	18.099	147.904	0.04	4.5	7.4	8	2.51	2.64
Apr. 10, 1981	23:43:32.69	18.025	147.961	0.03	4.4	7.3	9	3.41	3.62
Apr. 11, 1981	10:14:22.70	18.068	147.938	0.05	6.7	11.0	6	2.00	2.33
Apr. 12, 1981	02:03:12.15	18.050	147.951	0.03	4.3	7.2	5	1.91	2.11
Apr. 12, 1981	02:16:54.16	18.074	147.945	0.01	3.0	4.9	7	2.72	2.45
Apr. 12, 1981	04:34:34.94	18.099	147.931	0.03	5.7	9.3	5	2.18	2.28
Apr. 12, 1981	08:43:01.21	18.105	147.944	0.03	4.9	7.9	6	2.58	2.18
Apr. 12, 1981	10:34:21.86	18.081	147.950	0.05	6.0	9.9	8	2.74	2.59
Apr. 12, 1981	12:47:40.59	18.066	147.957	0.04	4.6	7.7	7	2.56	2.42
Apr. 12, 1981	13:10:16.86	18.066	147.957	0.07	8.0	13.3	8	2.42	2.45
Apr. 12, 1981	13:14:02.69	18.064	147.962	0.03	4.5	7.5	7	2.78	2.70
Apr. 12, 1981	13:24:13.98	18.083	147.950	0.04	5.1	8.4	9	2.69	2.69
Apr. 12, 1981	13:43:56.31	18.059	147.972	0.05	6.3	10.6	9	3.05	2.93
Apr. 12, 1981	14:28:37.31	18.064	147.944	0.06	6.9	11.5	9	2.72	2.90
Apr. 13, 1981	01:20:47.63	18.071	147.962	0.06	8.1	13.1	6	2.40	2.56
Apr. 14, 1981	07:38:07.05	18.078	147.964	0.07	8.6	14.5	6	2.42	2.47
Apr. 14, 1981	11:44:33.63	18.063	147.972	0.07	8.6	13.2	8	2.21	2.47
Apr. 15, 1981	14:28:24.13	18.111	147.946	0.04	4.8	7.9	9	2.81	3.05
Apr. 15, 1981	20:33:09.99	18.067	147.955	0.07	7.4	12.3	8	2.24	2.45
Apr. 15, 1981	20:34:10.78	18.063	147.958	0.04	5.1	8.5	7	2.26	2.33
Apr. 15, 1981	20:37:52.70	18.073	147.942	0.05	7.0	11.5	7	2.00	2.07
Apr. 15, 1981	20:40:53.46	18.050	147.947	0.03	3.6	6.0	7	2.00	2.19
Apr. 16, 1981	03:17:17.27	18.075	147.948	0.03	4.6	7.5	9	2.61	2.71
Apr. 16, 1981	05:18:08.80	18.091	147.962	0.02	4.1	6.8	5	2.21	1.75
Apr. 16, 1981	05:23:46.99	18.035	147.953	0.02	3.9	6.5	4	2.00	1.91
Apr. 16, 1981	05:24:21.02	18.051	147.949	0.07	9.4	15.4	6	2.59	2.81
Apr. 16, 1981	05:45:58.81	18.087	147.936	0.04	4.3	7.1	8	2.85	2.37
Apr. 16, 1981	05:58:42.36	18.049	147.939	0.04	5.4	9.1	5	1.86	1.79
Apr. 16, 1981	05:59:36.59	18.047	147.941	0.06	6.7	11.4	7	1.99	2.07
Apr. 16, 1981	08:46:47.24	18.001	147.986	0.05	6.5	11.0	7	2.15	2.56
Apr. 16, 1981	15:10:51.21	18.020	147.945	0.06	6.4	11.0	6	2.12	2.38
Apr. 17, 1981	05:46:34.09	18.073	147.940	0.04	5.3	8.8	9	3.00	2.73
Apr. 17, 1981	07:41:20.44	18.000	148.005	0.03	11.0	16.9	4	2.15	2.47
Apr. 19, 1981	02:19:04.43	17.965	147.975	0.05	5.3	9.3	6	2.48	2.69
Apr. 19, 1981	04:30:51.67	17.966	148.030	0.01	1.9	3.3	7	2.54	2.70
Apr. 19, 1981	10:29:01.97	17.921	147.981	0.08	8.6	15.1	6	2.18	2.45
Apr. 20, 1981	05:01:51.50	18.113	147.946	0.05	5.9	9.8	7	2.72	2.78
Apr. 20, 1981	11:27:17.34	18.144	147.928	0.04	4.7	7.8	9	2.86	3.10
Apr. 21, 1981	04:56:56.04	18.143	147.930	0.03	3.9	6.5	6	2.51	2.60
Apr. 22, 1981	09:15:35.57	18.157	147.914	0.03	5.2	8.4	5	1.97	2.04
Apr. 22, 1981	09:31:16.81	18.147	147.914	0.04	6.1	9.9	7	2.48	2.54
Apr. 22, 1981	13:01:26.89	18.135	147.926	0.07	10.2	16.4	6	2.02	1.95
Apr. 25, 1981	18:42:51.90	18.090	147.957	0.06	6.9	11.4	7	2.25	2.02
Apr. 26, 1981	15:02:04.34	17.907	148.028	0.05	4.6	7.9	9	2.25	2.93
Apr. 28, 1981	18:21:50.54	17.939	148.034	0.04	3.9	6.8	9	2.31	2.29
Apr. 30, 1981	18:54:20.06	17.967	147.963	0.06	6.0	10.4	9	2.93	3.00
May 5, 1981	15:51:53.29	18.053	147.986	0.01	7.8	11.9	5	2.39	2.63
May 5, 1981	22:37:34.62	17.985	147.947	0.04	16.3	25.2	5	2.60	2.78
May 6, 1981	11:59:09.25	17.990	148.007	0.02	3.3	5.7	6	2.52	2.73
May 6, 1981	12:50:40.81	18.022	147.992	0.05	5.9	10.0	6	2.40	2.56
May 7, 1981	06:32:09.72	18.086	147.947	0.03	3.9	6.4	9	3.16	3.30

May 9, 1981	18:09:16.75	18.019	147.972	0.05	5.0	8.5	7	2.51	2.71
May 11, 1981	07:36:42.13	18.060	147.949	0.05	6.3	10.7	6	2.08	2.44
May 11, 1981	15:52:37.76	18.054	147.955	0.05	5.8	9.8	9	2.48	2.64
May 13, 1981	01:05:01.28	18.055	147.957	0.04	4.7	7.8	9	2.70	2.88
May 20, 1981	15:56:04.30	18.192	147.897	0.06	5.3	8.3	10	2.61	2.91
May 28, 1981	14:45:13.23	17.927	148.026	0.04	2.6	4.4	10	2.89	2.96
May 29, 1981	01:00:29.83	18.111	147.944	0.09	6.1	10.0	8	2.51	2.32
June 14, 1981	14:38:53.97	18.086	147.960	0.03	10.6	16.1	5	2.31	2.57
June 17, 1981	21:03:32.64	17.905	148.047	0.04	3.0	5.1	10	2.63	2.87
June 23, 1981	06:37:28.64	18.109	147.940	0.04	3.4	5.4	6	2.08	2.00
June 23, 1981	07:43:38.64	18.121	147.919	0.03	2.7	4.3	6	2.08	2.04
June 25, 1981	12:56:39.87	18.112	147.936	0.04	4.4	7.2	9	2.91	3.30
July 1, 1981	14:33:37.94	18.054	147.944	0.07	5.4	8.8	9	2.31	2.63
July 1, 1981	17:50:59.35	18.146	147.901	0.06	5.3	8.5	9	2.78	2.91
July 1, 1981	17:54:48.86	18.191	147.872	0.07	6.3	9.9	7	2.08	2.42
July 1, 1981	23:51:22.31	18.121	147.917	0.04	3.5	5.6	10	3.31	3.71
July 15, 1981	06:03:46.23	17.925	148.033	0.06	3.9	6.7	10	2.42	2.74
Aug. 3, 1981	03:01:02.99	17.894	148.046	0.03	3.0	4.9	7	2.56	2.55
Aug. 27, 1981	11:45:04.02	17.983	147.960	0.04	3.5	5.8	9	2.39	2.59
Aug. 27, 1981	13:02:54.63	17.991	147.951	0.02	2.1	3.5	8	2.56	2.59
Sep. 11, 1981	08:26:02.38	18.000	147.944	0.06	4.3	7.1	10	2.70	3.06
Oct. 6, 1981	18:05:34.18	18.138	147.864	0.03	2.8	4.5	8	2.45	2.30
Oct. 8, 1981	03:00:28.57	18.179	147.847	0.05	4.0	6.4	8	2.61	2.09
Oct. 11, 1981	01:35:00.47	17.993	147.954	0.04	4.1	6.5	10	2.39	2.55
Oct. 12, 1981	10:28:57.50	18.120	147.890	0.02	2.4	3.9	6	2.05	1.90
Oct. 12, 1981	10:30:13.04	18.142	147.872	0.03	2.8	4.3	7	2.71	2.10
Oct. 12, 1981	13:38:33.32	18.133	147.869	0.05	5.0	7.9	7	2.61	1.98
Oct. 12, 1981	13:41:58.85	18.142	147.869	0.06	5.8	9.0	7	2.25	1.84
Oct. 26, 1981	00:26:50.26	17.973	147.973	0.08	16.6	24.5	6	2.00	2.71
Oct. 27, 1981	14:18:06.71	17.732	148.074	0.08	4.4	8.1	8	1.81	2.22
Oct. 28, 1981	13:25:26.12	17.744	148.068	0.07	3.9	7.0	9	2.21	2.50
Nov. 7, 1981	06:15:14.26	17.901	148.043	0.05	3.5	5.9	10	3.05	3.04
Nov. 11, 1981	07:31:10.15	17.902	148.040	0.03	4.0	6.3	8	2.26	2.59
Nov. 11, 1981	08:46:27.28	18.107	147.874	0.03	2.6	4.2	7	2.48	2.06
Nov. 17, 1981	13:20:25.92	17.914	148.074	0.04	3.7	6.1	9	2.31	2.55
Nov. 18, 1981	00:54:28.99	17.933	148.046	0.05	5.0	8.5	9	2.81	2.82
Nov. 26, 1981	02:13:32.60	17.934	148.048	0.06	4.2	7.1	9	2.61	2.50
Nov. 30, 1981	02:06:47.78	17.914	148.032	0.05	5.7	9.2	7	2.26	2.60
Dec. 4, 1981	04:33:52.33	17.893	148.050	0.05	3.2	5.6	9	2.45	2.89
Jan. 4, 1982	21:43:59.75	17.964	148.047	0.03	2.3	3.9	10	2.90	3.20
Sep. 9, 1982	04:34:22.57	17.864	147.967	0.02	1.9	3.3	7	2.60	2.80
Sep. 13, 1982	21:38:11.79	17.869	147.961	0.05	3.7	6.3	9	3.16	2.93

-----

TABLE A2

## Final relocations for 142 Teahitia events (1982 swarm)

Date	Origin Time	Epicenter	SR	HCE	VCE	NS	Magnitudes
			s	km	km		Tahiti Rangiroa
Mar. 18, 1982	15:46:52.08	17.546 148.759	0.03	2.2	5.7	8	1.35 2.06
Mar. 18, 1982	15:48:10.28	17.545 148.757	0.03	2.4	6.3	8	1.32 2.07
Mar. 18, 1982	20:47:03.75	17.559 148.740	0.04	2.9	7.6	7	1.35 2.09
Mar. 18, 1982	20:48:09.72	17.558 148.749	0.03	2.4	6.2	7	1.24 2.13
Mar. 18, 1982	20:49:16.17	17.560 148.743	0.03	2.3	6.1	7	1.21 2.24
Mar. 19, 1982	02:55:12.92	17.549 148.766	0.04	3.9	9.6	7	1.29 1.79
Mar. 19, 1982	19:18:24.51	17.552 148.756	0.03	3.5	8.6	6	1.25 2.00
Mar. 19, 1982	22:19:52.94	17.553 148.767	0.02	2.7	6.7	7	1.01 1.71
Mar. 19, 1982	23:12:41.50	17.561 148.758	0.03	3.5	23.4	8	1.16 1.76
Mar. 20, 1982	02:56:50.95	17.563 148.775	0.01	2.7	6.4	7	1.87 1.69
Mar. 20, 1982	03:50:26.49	17.563 148.772	0.02	2.9	7.2	7	1.70 1.57
Mar. 20, 1982	03:51:04.82	17.566 148.765	0.04	4.5	10.9	7	1.79 1.50
Mar. 20, 1982	04:29:58.65	17.569 148.770	0.03	3.1	7.5	7	1.51 2.00
Mar. 20, 1982	07:54:21.47	17.558 148.760	0.02	2.0	14.0	9	1.75 2.07
Mar. 20, 1982	09:06:31.29	17.568 148.770	0.03	3.5	22.9	7	1.81 1.79
Mar. 20, 1982	12:13:31.26	17.565 148.773	0.02	1.9	4.7	9	2.08 2.12
Mar. 20, 1982	15:41:38.42	16.597 148.415	0.12	24.4	75.1	7	0.84 2.79
Mar. 20, 1982	18:13:19.88	17.561 148.759	0.03	3.5	8.6	7	1.33 1.50
Mar. 26, 1982	02:13:11.40	17.577 148.790	0.02	2.6	6.3	7	1.84 1.92
Mar. 26, 1982	05:59:49.01	17.576 148.791	0.04	13.4	30.7	6	1.92 2.01
Mar. 28, 1982	01:30:46.63	17.600 148.858	0.03	8.0	18.2	6	1.67 2.01
Mar. 28, 1982	02:34:20.99	17.588 148.849	0.02	7.5	47.6	6	1.78 2.60
Mar. 28, 1982	06:12:17.00	17.593 148.831	0.01	5.8	36.2	6	1.70 1.85
Mar. 28, 1982	08:35:45.06	17.607 148.891	0.06	13.1	81.9	6	1.93 1.97
Mar. 28, 1982	10:59:43.33	17.585 148.835	0.01	5.4	34.0	6	1.76 2.25
Mar. 28, 1982	14:05:52.37	17.583 148.838	0.02	7.8	18.0	6	1.81 2.23
Mar. 28, 1982	14:16:06.95	17.597 148.827	0.03	3.7	24.0	7	1.78 2.01
Mar. 28, 1982	21:34:56.42	17.583 148.837	0.00	5.2	12.1	6	1.72 2.33
Mar. 28, 1982	21:44:55.60	17.584 148.833	0.01	5.9	37.0	6	1.62 1.69
Mar. 28, 1982	21:45:52.28	17.577 148.827	0.02	7.6	17.7	6	2.90 2.57
Mar. 28, 1982	21:55:57.21	17.583 148.838	0.02	6.8	15.7	6	1.57 1.94
Mar. 29, 1982	01:42:07.84	17.575 148.838	0.02	7.7	17.9	6	0.77 1.60
Mar. 29, 1982	01:43:55.57	17.585 148.834	0.01	5.5	12.6	6	1.82 2.23
Mar. 29, 1982	03:49:57.60	17.580 148.826	0.02	6.2	39.5	7	2.13 2.27
Mar. 29, 1982	06:10:59.95	17.576 148.831	0.01	6.4	15.0	6	2.39 2.47
Mar. 29, 1982	06:51:56.78	17.578 148.832	0.01	5.7	13.2	6	1.60 1.65
Mar. 29, 1982	08:07:46.96	17.587 148.834	0.02	3.0	7.1	8	2.19 2.95
Mar. 29, 1982	08:14:53.41	17.590 148.830	0.03	2.1	5.2	9	2.05 0.00
Mar. 29, 1982	10:03:46.62	17.599 148.818	0.04	4.5	29.4	8	1.35 2.39
Mar. 29, 1982	10:45:56.56	17.582 148.843	0.02	6.4	14.9	6	2.00 1.95
Mar. 29, 1982	10:51:35.07	17.580 148.847	0.01	5.4	12.5	6	2.05 1.74
Mar. 29, 1982	22:29:32.83	17.596 148.827	0.02	2.4	5.7	8	1.45 2.09
Mar. 30, 1982	04:40:17.54	17.588 148.835	0.01	6.4	14.9	6	1.90 1.94
Mar. 30, 1982	04:41:18.09	17.599 148.902	0.01	4.9	31.0	6	1.83 1.89

Mar. 30, 1982	07:53:25.52	17.605	148.815	0.04	4.6	10.9	7	2.27	2.39
Mar. 30, 1982	13:57:59.40	17.604	148.851	0.02	7.3	16.6	6	1.96	2.38
Mar. 30, 1982	14:02:06.73	17.620	148.843	0.04	11.5	25.5	6	1.91	2.04
Mar. 30, 1982	14:17:10.24	17.608	148.853	0.01	8.7	20.3	4	1.56	2.04
Mar. 30, 1982	14:31:25.55	17.616	148.928	0.03	5.8	13.3	6	1.71	2.09
Mar. 30, 1982	14:59:01.58	17.611	148.834	0.06	17.1	38.5	6	1.47	2.54
Mar. 30, 1982	15:08:22.16	17.601	148.875	0.01	4.7	10.7	6	1.73	2.22
Mar. 30, 1982	16:19:20.20	17.599	148.852	0.02	8.0	18.2	6	1.59	2.33
Mar. 30, 1982	20:06:38.05	17.607	148.862	0.03	8.7	19.8	6	1.54	2.33
Mar. 30, 1982	20:19:10.90	17.602	148.858	0.02	6.1	14.0	6	1.73	2.06
Mar. 31, 1982	00:58:38.53	17.605	148.881	0.03	8.9	20.5	6	1.21	0.00
Mar. 31, 1982	01:03:17.31	17.606	148.855	0.00	5.2	11.9	6	1.78	2.24
Mar. 31, 1982	02:15:30.12	17.599	148.858	0.03	7.6	17.4	6	1.24	2.09
Mar. 31, 1982	02:35:54.08	17.608	148.872	0.01	2.4	5.7	7	1.78	2.19
Mar. 31, 1982	03:14:10.57	17.606	148.831	0.02	7.1	16.1	5	1.27	1.90
Mar. 31, 1982	04:03:36.53	17.599	148.863	0.01	4.7	10.8	6	2.03	2.17
Mar. 31, 1982	10:19:07.39	17.618	148.877	0.01	4.8	10.8	6	1.77	1.73
Mar. 31, 1982	11:25:07.24	17.605	148.886	0.03	3.3	21.6	7	2.17	2.44
Mar. 31, 1982	11:35:12.68	17.599	148.825	0.01	5.8	13.3	6	1.55	2.04
Mar. 31, 1982	12:00:34.21	17.603	148.886	0.01	2.2	14.4	8	2.03	2.33
Mar. 31, 1982	12:40:41.86	17.613	148.877	0.01	4.8	30.0	6	1.57	2.27
Mar. 31, 1982	14:53:19.03	17.609	148.887	0.01	5.2	12.1	6	1.60	2.06
Mar. 31, 1982	15:01:09.42	17.616	148.887	0.02	5.5	12.4	6	1.99	2.11
Mar. 31, 1982	16:16:09.48	17.622	148.894	0.02	5.7	13.0	5	1.76	1.74
Mar. 31, 1982	17:48:24.36	17.606	148.924	0.02	2.6	17.5	8	2.25	2.54
Mar. 31, 1982	21:37:27.26	17.599	148.888	0.02	2.5	6.2	7	1.89	2.54
Apr. 1, 1982	00:49:30.90	17.610	148.881	0.02	2.9	7.0	7	1.80	2.04
Apr. 1, 1982	01:42:21.59	17.616	148.893	0.01	2.5	16.0	7	2.01	2.33
Apr. 1, 1982	01:44:06.76	17.616	148.893	0.01	5.2	11.8	6	2.09	2.32
Apr. 1, 1982	02:03:57.17	17.598	148.892	0.05	11.7	74.3	6	1.93	2.04
Apr. 1, 1982	02:13:00.44	17.605	148.920	0.01	4.5	28.8	6	1.52	2.29
Apr. 1, 1982	03:18:22.74	17.615	148.879	0.01	5.0	11.3	6	1.97	2.23
Apr. 1, 1982	04:29:45.62	17.611	148.908	0.01	4.1	25.6	6	1.99	0.00
Apr. 1, 1982	07:32:35.75	17.613	148.900	0.01	2.0	4.8	8	2.10	2.39
Apr. 1, 1982	08:40:56.73	17.604	148.922	0.05	4.8	11.6	8	2.25	2.56
Apr. 1, 1982	14:03:35.65	17.604	148.923	0.03	3.2	7.8	8	3.20	3.40
Apr. 1, 1982	14:23:45.43	17.602	148.931	0.02	2.8	18.8	7	2.36	2.43
Apr. 1, 1982	14:37:49.31	17.609	148.935	0.01	4.2	9.9	6	2.00	2.11
Apr. 1, 1982	18:12:26.94	17.609	148.931	0.01	1.9	12.3	8	2.31	2.51
Apr. 1, 1982	18:15:45.58	17.609	148.928	0.01	4.0	9.4	6	1.96	2.30
Apr. 1, 1982	19:33:43.34	17.610	148.931	0.01	3.7	23.4	6	2.25	2.42
Apr. 2, 1982	04:17:55.45	17.617	148.937	0.01	3.9	8.9	6	1.90	2.18
Apr. 2, 1982	04:40:10.39	17.608	148.933	0.02	4.8	11.2	5	1.23	1.66
Apr. 2, 1982	06:58:04.41	17.609	148.939	0.01	3.2	20.5	7	2.80	2.77
Apr. 2, 1982	07:01:35.35	17.611	148.933	0.01	3.8	8.8	6	1.57	2.38
Apr. 2, 1982	07:03:25.78	17.619	148.935	0.02	5.0	11.6	6	2.11	2.51
Apr. 2, 1982	07:04:44.83	17.617	148.930	0.02	4.5	27.9	6	1.88	2.32
Apr. 2, 1982	08:03:32.83	17.617	148.929	0.01	4.2	9.7	6	1.77	2.15
Apr. 2, 1982	20:41:20.47	17.607	148.935	0.02	4.3	10.2	6	1.94	1.92
Apr. 2, 1982	20:43:42.75	17.614	148.892	0.03	3.3	8.0	7	2.08	2.41
Apr. 3, 1982	03:03:48.41	17.602	148.954	0.01	3.6	8.6	6	1.75	2.07
Apr. 3, 1982	03:40:45.93	17.591	148.924	0.01	4.4	10.3	6	1.52	1.79
Apr. 3, 1982	04:41:12.80	17.612	148.978	0.04	6.3	40.9	5	1.17	1.90
Apr. 3, 1982	05:25:13.54	17.596	148.908	0.01	4.4	10.3	6	1.74	1.84

Apr. 3, 1982	07:52:58.64	17.601	148.957	0.03	6.1	14.4	6	1.80	1.79
Apr. 3, 1982	12:57:02.25	17.603	148.958	0.02	4.8	11.3	6	1.32	1.87
Apr. 3, 1982	13:34:30.76	17.605	148.927	0.01	4.2	9.7	6	2.05	1.95
Apr. 4, 1982	04:47:47.03	17.589	148.945	0.02	3.5	8.6	7	2.06	2.20
Apr. 4, 1982	17:29:39.06	17.595	148.936	0.01	3.5	8.5	7	1.84	1.54
Apr. 4, 1982	19:35:48.75	17.616	148.972	0.01	2.6	6.1	7	1.75	1.60
Apr. 4, 1982	23:08:02.11	17.594	148.890	0.02	5.1	12.0	7	1.48	1.49
Apr. 4, 1982	23:53:41.88	17.589	148.911	0.02	4.1	10.0	6	1.00	1.60
Apr. 5, 1982	02:55:56.17	17.605	148.955	0.03	4.2	10.0	6	1.39	1.97
Apr. 5, 1982	04:18:06.10	17.612	148.968	0.03	4.0	9.7	6	1.28	1.91
Apr. 5, 1982	04:20:54.53	17.592	148.903	0.02	4.8	11.3	7	2.07	2.17
Apr. 5, 1982	09:25:49.84	17.583	148.870	0.02	5.0	12.0	7	2.22	2.55
Apr. 5, 1982	09:33:46.83	17.601	148.939	0.02	3.6	8.6	7	1.83	2.09
Apr. 5, 1982	13:39:15.09	17.599	148.914	0.02	4.4	28.4	6	1.45	0.00
Apr. 5, 1982	14:20:47.99	17.610	148.980	0.02	3.0	7.2	7	1.48	1.78
Apr. 5, 1982	16:29:52.25	17.588	148.919	0.02	1.9	13.5	10	2.27	2.95
Apr. 5, 1982	16:31:38.33	17.586	148.918	0.02	1.6	4.1	10	2.25	2.82
Apr. 5, 1982	16:39:51.46	17.592	148.924	0.01	3.5	8.5	7	1.95	2.08
Apr. 5, 1982	17:56:03.70	17.612	148.927	0.01	3.8	8.9	7	1.84	1.79
Apr. 5, 1982	17:58:34.52	17.621	148.979	0.01	2.8	18.1	7	1.72	1.67
Apr. 5, 1982	18:14:03.01	17.598	148.916	0.02	4.2	10.0	7	1.71	2.07
Apr. 5, 1982	19:09:37.48	17.592	148.924	0.01	3.4	8.1	7	1.73	1.81
Apr. 5, 1982	19:10:07.23	17.591	148.931	0.04	6.9	45.8	7	1.56	1.79
Apr. 5, 1982	20:21:10.90	17.588	148.923	0.01	5.9	38.6	6	1.72	1.79
Apr. 5, 1982	21:03:52.15	17.591	148.930	0.02	4.4	10.7	7	1.62	1.68
Apr. 7, 1982	11:26:27.76	17.599	148.960	0.06	5.1	12.9	8	1.71	2.09
Apr. 7, 1982	11:50:37.04	17.609	148.932	0.03	5.3	33.8	7	2.31	2.36
Apr. 7, 1982	13:26:06.22	17.604	148.958	0.02	2.3	5.8	8	1.78	2.14
Apr. 10, 1982	01:15:07.11	17.593	148.979	0.01	2.3	5.7	6	1.30	1.58
Apr. 10, 1982	03:36:24.33	17.591	148.983	0.02	3.2	7.9	7	1.77	2.06
Apr. 10, 1982	12:26:49.17	17.605	148.888	0.02	4.7	30.2	6	1.49	1.79
Apr. 15, 1982	20:21:10.90	17.588	148.923	0.01	5.9	38.6	6	1.55	1.87
Apr. 16, 1982	12:51:51.93	17.599	148.936	0.02	6.3	15.1	6	2.20	2.09
Apr. 17, 1982	15:17:15.30	17.607	148.937	0.03	5.1	12.2	5	0.72	1.79
Apr. 17, 1982	15:23:27.63	17.616	148.943	0.03	4.7	11.1	6	1.63	1.54
Apr. 17, 1982	15:25:49.04	17.607	148.938	0.02	4.4	28.6	6	1.22	0.00
Apr. 17, 1982	15:37:29.51	17.610	148.938	0.02	4.2	10.0	6	1.63	1.58
Apr. 17, 1982	16:23:46.93	17.619	148.934	0.03	5.3	12.4	6	1.79	1.36
Apr. 17, 1982	16:25:28.54	17.617	148.950	0.03	4.4	10.3	6	1.86	1.44
Apr. 17, 1982	16:26:35.61	17.619	148.931	0.03	2.9	7.1	8	2.64	2.41
Apr. 19, 1982	07:02:16.27	17.758	148.959	0.06	5.2	9.8	8	2.07	2.87
Apr. 23, 1982	13:11:09.46	17.577	148.846	0.01	4.9	11.5	7	1.58	2.00
Apr. 28, 1982	23:20:43.70	17.614	148.904	0.02	2.6	6.2	8	2.26	2.48
May 6, 1982	13:27:09.03	17.611	148.922	0.02	4.4	28.0	7	1.84	2.02

---

Table A3

Final relocations for 139 Teahitia events (1983 swarm)

Date	Origin Time	Epicenter		SR s	HCE VCE		NS	Magnitude	
		°S	°W		km	km		Tahiti	Rangi.
July 12, 1983	10:42:59.84	17.562	148.869	0.02	9.5	57.0	6	2.00	1.97
July 12, 1983	11:19:47.09	17.568	148.865	0.02	4.5	28.2	7	1.86	1.85
July 12, 1983	11:36:30.57	17.565	148.861	0.02	9.4	55.6	6	1.90	1.92
July 12, 1983	14:25:57.81	17.549	148.879	0.02	3.2	20.6	8	2.38	2.44
July 12, 1983	14:27:37.10	17.569	148.864	0.02	16.9	97.6	5	1.82	1.89
July 12, 1983	14:29:19.83	17.544	148.881	0.01	8.9	54.3	6	2.16	2.19
July 12, 1983	14:31:43.99	17.550	148.879	0.00	16.3	97.6	5	1.84	1.78
July 12, 1983	14:33:32.38	17.554	148.873	0.01	16.4	97.6	5	2.10	2.02
July 12, 1983	14:36:05.56	17.554	148.876	0.02	16.4	97.6	5	2.14	1.89
July 12, 1983	18:40:51.91	17.568	148.873	0.03	16.6	97.6	5	2.12	1.94
July 12, 1983	18:46:24.81	17.572	148.877	0.03	16.7	97.6	5	1.92	1.64
July 12, 1983	20:33:44.08	17.548	148.887	0.02	3.9	25.0	7	2.30	2.22
July 12, 1983	21:37:31.13	17.544	148.896	0.01	16.2	97.7	4	2.00	1.59
July 12, 1983	21:59:07.20	17.574	148.856	0.01	16.9	97.5	4	1.58	2.00
July 12, 1983	22:52:32.65	17.551	148.891	0.02	16.3	97.6	5	1.78	1.64
July 12, 1983	23:27:30.43	17.591	148.847	0.01	17.3	97.5	4	1.70	1.85
July 12, 1983	23:37:01.71	17.575	148.884	0.00	16.7	97.6	4	1.67	1.34
July 12, 1983	23:41:30.80	17.576	148.852	0.01	16.9	97.6	5	1.82	1.74
July 13, 1983	00:07:20.18	17.559	148.883	0.01	16.5	97.6	5	1.76	1.92
July 13, 1983	00:21:29.52	17.560	148.894	0.01	16.5	97.6	4	1.30	1.39
July 13, 1983	00:39:07.83	17.571	148.865	0.02	16.7	97.6	5	1.97	1.84
July 13, 1983	00:51:38.13	17.568	148.869	0.00	16.6	97.6	4	1.62	1.74
July 13, 1983	01:06:58.28	17.547	148.893	0.02	16.2	97.7	5	2.00	1.52
July 13, 1983	01:15:50.89	17.560	148.883	0.03	16.5	97.6	5	1.82	1.44
July 13, 1983	04:07:29.00	17.570	148.881	0.00	16.7	97.6	4	1.40	1.64
July 13, 1983	04:33:18.53	17.591	148.876	0.01	17.1	97.5	5	1.97	1.94
July 13, 1983	04:34:23.08	17.565	148.887	0.01	16.5	97.6	5	1.94	1.44
July 13, 1983	04:40:59.69	17.578	148.938	0.01	16.6	97.8	4	1.22	1.59
July 13, 1983	05:22:00.58	17.557	148.913	0.02	16.2	97.7	5	2.30	1.62
July 13, 1983	05:41:35.93	17.583	148.883	0.00	16.9	97.6	5	1.84	1.78
July 13, 1983	06:04:45.93	17.551	148.882	0.01	16.3	97.6	5	1.92	1.44
July 13, 1983	07:40:00.20	17.559	148.899	0.01	16.5	97.6	5	1.97	1.85
July 13, 1983	08:29:10.03	17.569	148.886	0.02	16.7	97.6	5	1.48	1.14
July 13, 1983	08:57:55.81	17.568	148.901	0.00	16.6	97.6	4	1.63	1.74
July 13, 1983	09:02:01.11	17.573	148.904	0.00	16.7	97.6	4	1.64	1.28
July 13, 1983	09:02:05.75	17.570	148.891	0.00	16.7	97.6	4	1.70	2.08
July 13, 1983	09:12:42.21	17.576	148.913	0.01	16.8	97.6	4	1.70	1.52
July 13, 1983	10:26:58.82	17.581	148.908	0.01	16.8	97.6	4	1.62	1.64
July 13, 1983	10:42:34.05	17.581	148.905	0.01	16.8	97.6	4	1.52	1.70
July 13, 1983	12:23:27.89	17.571	148.897	0.02	16.7	97.6	5	1.70	1.59
July 13, 1983	12:44:10.70	17.578	148.906	0.01	16.8	97.6	5	1.63	1.74
July 13, 1983	13:56:40.83	17.585	148.902	0.05	16.4	34.6	5	1.52	1.64
July 13, 1983	13:57:00.18	17.588	148.884	0.02	17.0	97.5	4	1.52	1.59
July 13, 1983	14:30:45.95	17.576	148.907	0.00	16.8	97.6	4	1.70	1.78

- 2 -

July 13, 1983	14:31:38.85	17.580	148.904	0.01	16.8	97.6	4	1.52	1.74
July 13, 1983	15:57:00.18	17.565	148.902	0.02	16.5	97.6	5	1.80	2.00
July 13, 1983	17:42:15.37	17.602	148.883	0.02	17.2	97.5	5	1.12	1.64
July 13, 1983	18:14:06.82	17.575	148.873	0.01	16.7	97.6	5	1.63	1.70
July 13, 1983	18:30:04.75	17.569	148.914	0.02	16.6	97.6	5	2.03	1.52
July 13, 1983	20:19:23.48	17.577	148.892	0.01	16.8	97.6	5	1.82	1.64
July 13, 1983	21:17:42.95	17.575	148.884	0.00	16.7	97.6	4	1.70	1.70
July 13, 1983	22:23:21.17	17.583	148.891	0.02	16.9	97.6	5	1.86	1.72
July 13, 1983	22:46:57.65	17.591	148.897	0.02	7.9	46.3	6	2.24	2.34
July 13, 1983	23:26:03.67	17.581	148.904	0.01	16.8	97.6	4	1.78	1.82
July 14, 1983	00:50:36.56	17.569	148.906	0.02	16.6	97.6	5	2.28	1.78
July 14, 1983	01:56:00.34	17.564	148.895	0.01	16.5	97.6	4	1.22	1.55
July 14, 1983	03:24:37.12	17.575	148.897	0.01	16.7	97.6	4	1.62	1.44
July 14, 1983	03:24:39.33	17.568	148.902	0.01	16.6	97.6	4	1.62	1.76
July 14, 1983	03:25:44.83	17.568	148.902	0.02	16.6	97.6	4	1.48	1.64
July 14, 1983	03:28:20.32	17.573	148.894	0.01	16.7	97.6	4	1.40	1.82
July 14, 1983	03:35:13.36	17.551	148.909	0.02	16.3	97.6	5	1.75	1.44
July 14, 1983	03:36:00.07	17.571	148.893	0.01	16.7	97.6	5	2.33	2.04
July 14, 1983	04:18:16.69	17.554	148.914	0.02	16.2	97.7	5	1.70	1.94
July 14, 1983	06:21:53.22	17.572	148.897	0.02	16.7	97.6	5	1.80	1.78
July 14, 1983	06:46:09.21	17.565	148.902	0.01	16.5	97.6	4	1.22	1.34
July 14, 1983	06:48:40.09	17.565	148.905	0.01	16.6	97.6	4	1.37	1.74
July 14, 1983	07:14:24.08	17.586	148.888	0.01	17.0	97.5	5	1.70	1.59
July 14, 1983	08:17:00.18	17.561	148.908	0.01	16.5	97.6	5	1.67	2.04
July 14, 1983	08:54:53.62	17.568	148.905	0.01	16.6	97.6	4	1.62	1.44
July 14, 1983	09:49:30.03	17.570	148.896	0.01	16.7	97.6	5	1.56	1.52
July 14, 1983	09:51:54.67	17.580	148.891	0.02	16.8	97.6	4	1.52	1.39
July 14, 1983	10:04:56.65	17.565	148.899	0.01	16.5	97.6	5	1.67	1.94
July 14, 1983	11:02:50.52	17.566	148.904	0.01	16.6	97.6	5	1.52	1.59
July 14, 1983	11:44:05.58	17.567	148.895	0.00	16.6	97.6	5	1.42	1.44
July 14, 1983	13:38:04.42	17.569	148.900	0.01	16.6	97.6	4	1.25	1.44
July 14, 1983	14:44:42.75	17.568	148.898	0.02	16.6	97.6	5	1.56	1.78
July 14, 1983	14:48:28.40	17.556	148.908	0.01	16.3	97.6	4	1.00	1.04
July 14, 1983	14:48:45.21	17.578	148.890	0.01	16.8	97.6	4	1.22	1.70
July 14, 1983	18:44:14.26	17.578	148.896	0.03	16.8	97.6	4	1.30	1.78
July 14, 1983	21:50:51.15	17.579	148.901	0.01	16.8	97.6	5	1.52	1.52
July 14, 1983	22:10:33.10	17.568	148.897	0.01	16.6	97.6	4	1.60	2.14
July 14, 1983	23:33:42.58	17.572	148.909	0.01	16.7	97.6	5	1.48	1.70
July 14, 1983	23:58:43.83	17.584	148.902	0.01	16.9	97.6	5	2.12	1.70
July 14, 1983	23:59:21.31	17.580	148.895	0.03	16.8	97.6	5	2.25	1.92
July 15, 1983	00:18:43.77	17.596	148.893	0.01	17.2	97.5	5	1.92	2.17
July 15, 1983	08:06:07.15	17.580	148.899	0.01	16.8	97.6	5	1.30	1.74
July 15, 1983	08:06:13.10	17.583	148.900	0.01	16.9	97.6	5	1.72	1.82
July 15, 1983	08:07:32.76	17.576	148.897	0.02	16.7	97.6	5	1.67	1.78
July 15, 1983	08:08:28.77	17.571	148.906	0.01	16.7	97.6	4	1.86	1.92
July 15, 1983	08:08:58.24	17.583	148.893	0.00	16.9	97.6	5	1.92	2.02
July 15, 1983	08:09:00.82	17.584	148.892	0.03	16.9	97.6	5	2.03	2.04
July 15, 1983	08:10:12.45	17.569	148.906	0.01	16.6	97.6	5	2.00	2.52
July 15, 1983	08:13:22.96	17.575	148.906	0.02	16.8	97.6	5	1.82	2.26
July 15, 1983	11:07:54.70	17.578	148.899	0.01	16.8	97.6	5	1.78	2.00
July 15, 1983	14:38:47.93	17.565	148.896	0.01	16.5	97.6	5	1.56	1.74



- 3 -

July 15, 1983	17:47:07.50	17.591	148.895	0.01	17.0	97.5	5	2.00	2.04
July 15, 1983	20:20:42.91	17.596	148.860	0.01	17.3	97.5	5	1.78	2.08
July 16, 1983	05:21:13.65	17.585	148.908	0.02	17.0	97.5	5	1.70	1.52
July 16, 1983	08:57:27.46	17.586	148.893	0.02	17.0	97.5	5	1.82	1.82
July 16, 1983	10:14:50.32	17.550	148.912	0.01	5.2	32.3	7	2.22	2.04
July 16, 1983	11:02:05.35	17.582	148.865	0.01	4.5	26.9	7	1.62	1.70
July 16, 1983	16:07:11.76	17.563	148.881	0.01	16.5	97.6	4	1.40	1.62
July 16, 1983	16:07:46.07	17.581	148.875	0.00	16.9	97.5	4	1.37	1.62
July 16, 1983	23:10:52.00	17.580	148.866	0.00	17.1	97.5	4	1.40	1.59
July 16, 1983	23:20:46.09	17.548	148.890	0.01	16.2	97.7	4	1.52	1.78
July 16, 1983	23:22:32.84	17.564	148.882	0.01	16.5	97.6	5	1.78	2.00
July 16, 1983	23:23:53.87	17.567	148.879	0.01	16.5	97.6	5	1.50	1.70
July 16, 1983	23:30:23.62	17.573	148.875	0.02	16.7	97.6	4	1.50	1.97
July 16, 1983	23:36:18.61	17.573	148.875	0.01	16.7	97.6	4	1.22	1.64
July 16, 1983	23:46:33.83	17.583	148.868	0.02	17.1	97.5	5	1.80	1.74
July 16, 1983	23:47:34.44	17.568	148.877	0.01	16.7	97.6	4	1.30	1.82
July 16, 1983	23:51:41.99	17.569	148.873	0.01	16.7	97.6	4	1.33	1.52
July 16, 1983	23:55:14.20	17.578	148.880	0.00	16.8	97.6	4	1.10	1.62
July 16, 1983	23:57:23.43	17.563	148.879	0.01	16.5	97.6	4	1.26	1.92
July 16, 1983	23:59:17.09	17.559	148.882	0.00	16.5	97.6	5	1.48	1.67
July 17, 1983	00:56:50.79	17.556	148.890	0.01	16.4	97.6	5	1.70	1.74
July 17, 1983	02:01:17.62	17.566	148.891	0.01	16.5	97.6	4	1.37	1.44
July 17, 1983	02:36:10.89	17.566	148.915	0.01	16.6	97.6	5	1.22	1.78
July 17, 1983	03:15:06.04	17.563	148.897	0.01	16.5	97.6	5	1.70	1.04
July 17, 1983	04:45:20.94	17.569	148.900	0.01	16.6	97.6	4	1.30	1.52
July 17, 1983	10:12:47.65	17.560	148.879	0.01	16.5	97.6	5	1.63	1.48
July 17, 1983	11:08:11.02	17.560	148.886	0.01	16.5	97.6	4	1.12	1.25
July 17, 1983	11:29:14.45	17.570	148.904	0.01	16.6	97.6	5	1.12	1.22
July 17, 1983	11:29:46.30	17.561	148.910	0.00	16.5	97.6	4	1.30	1.28
July 17, 1983	11:45:55.23	17.555	148.907	0.01	16.4	97.6	5	1.84	1.64
July 17, 1983	11:46:56.75	17.566	148.900	0.01	16.5	97.6	4	1.40	1.62
July 17, 1983	11:49:48.25	17.560	148.903	0.01	4.8	29.2	7	2.12	2.38
July 17, 1983	11:55:30.19	17.567	148.903	0.01	16.6	97.6	4	1.52	1.74
July 17, 1983	12:39:16.14	17.569	148.895	0.01	16.6	97.6	5	1.70	2.00
July 17, 1983	15:26:10.66	17.564	148.904	0.01	16.5	97.6	5	1.52	1.76
July 18, 1983	06:39:56.33	17.565	148.877	0.01	16.5	97.6	5	2.06	2.04
July 18, 1983	11:18:33.74	17.555	148.887	0.01	16.4	97.6	5	1.60	1.82
July 18, 1983	15:55:04.88	17.571	148.879	0.02	16.7	97.6	5	1.56	2.04
July 19, 1983	19:23:36.12	17.567	148.893	0.01	4.2	25.6	7	2.10	2.34
July 20, 1983	16:20:32.65	17.581	148.874	0.01	16.9	97.6	5	1.87	1.74
July 22, 1983	10:21:32.30	17.581	148.896	0.01	16.8	97.6	4	1.70	1.74
July 22, 1983	19:31:46.61	17.562	148.902	0.01	16.5	97.6	4	1.84	1.74
July 22, 1983	19:56:48.83	17.567	148.896	0.00	16.6	97.6	4	1.37	1.74
July 22, 1983	20:49:33.60	17.561	148.902	0.01	4.8	29.1	7	2.08	2.25