104921

USGS - BAMG

NAVIGATION LOG

SHIP: Baruna Jaya III

CRUISE: Baruna 1-95 "BRNA 95003

AREA: Java Sea/Arafura Sea/Gulf of Carpentaria

DATES: 20 Oct. - 7 Nov 95

CHIEF SCIENTIST: T. Edgar

NAV. Log

Every 1/2 hr

Local YrMoDy	JulDy	UTC Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
21 OCT 95	294		Test					Test	Disk Test JAVA SEA
depth	BRNA 95003			ARAFURA SEA					
27/10/95	300	0542	1	-5°02.03	136° 48.30		5kts	1	turning
44,15	300	0548	1	-5°02.51	136° 48.78	185			completed turn Masscom crashed
47,51	300	06 00	1	-5° 03.66	136° 47,74	181			
	300	06 11	1	-5 04,73	136° 47,41	181			~~start recording~~.
46,91	300	06 30	1	-5 06,36	136°, 46,89	188			
44,43	300	07.00	1	-5° 08,65	-136° 46,02	198.	5,21		
		07:09							recording crash
		07:12							Beginning recording Reel 2
		07:13							net crash again
		07:18	1	-5° 09,91	-136° 45,65	193	5	2	tape 2 File 3 (Reel 3)
		07:30	1	-5° 10.0822	136 45.4648	197.71	5.27		
		07:31	1	-5° 11.9822	136° 45.3654	192.54	5,27		Error (reboot)
		08:00	1	-5° 13.18	136° 44.55	202	4,73		crash still (reboot)
		08:30		-5° 15.43	136° 43.98	191.72	3,94		
		08:34		-5° 15.66	136° 43,83	198,73	3,99		Analog tape 1

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		09:00		-5° 17.12	136° 43.26	200.99	3.28		
		09:30		-5° 19.38	136° 42.52	202.76	4.72		
		10:00		-5° 21.00	136° 41.66	210.4	5.26		
		10:30		-5° 24.469	136° 40.87	187.61	5.23		
		10:35		-5° 25.06	136° 40.63	209.85	5.01		Analog Tape #2
		11:00		-5 26.85	136° 40.048	183.08	5.35		
		11:30		-5.29.3200	136.39.207	194.	5.85		
		12:00		-5.32.132	136.38.2519	196	6.52		
		12:30		-5 34.8162	136.37.3256	211	5.42		
		12:39.		-5.35.9383	136.36.9520	208	6.00		Analog Tape #3
		13:00		-5.37.4290	136 36.4830	223	5.40		
		13.30		-5.40.1566	136.35.5378	207	5.71		
		14:00		-5.42.7123	136.34.6686	210	5.50		
		14:30		-5 45.5384	136.33.7749	204	5.10		
		14:38		-5 46.3750	136 33.4335	197	5.54		Analog Tape #4
		15.00		-5 48.2122	136.32.8819	194.11	5.64		
		15:30	1	-5 50.9317	136 31.9541	197	5.57		
		16:00	1	-5 53.6690	136 31.0090	199	6.52		

YrMoDy	JulDy	Time+Zone	Line#	Latitude ~~N~~ S	Longitude W	Course	Speed	Disk#	Comments
		16:30		-5 56.3332	136 30.8031	205.38	5.71		
		16:40							Analog tape #5
		17 00		-5 58.9874	136 29.2303	195.40	5.08		
		17.30		-6 01.5274	136 28.3775	202	5.91		
		18 00		-6 04.1322	136 23.4464	281	5.18		
		18.30		-6, 06.8502	136 26 5314	190	5		
		18.40							Analog tape #6
	300	19.06		-6° 09,6079	136 25,6901	200	6.2		
		19.30		-6° 12.4120 9	136 24.7495	195.7	6,44		
		20.00		-6° 15.1776	136° 23.8158	199.68	6.05		
		20.30		-6° 18.1673	136° 22.8318	197.57	6.51		
		20.40							Analog tape #7.
		21.00		-6° 21.1757	136° 21.7075	190.91	6.01		
		21.30		-6° 24.2242	136° 20.9144	200,80	5.99		
		22.00		-6° 27.1331	136° 19,7780	202,42	6.46		
		22.30		-6° 30,1248	136° 18,7375	209,01	6,49		
		22.40							Analog Tape #8
		23.00		-6° 33,0368 ~~136° 19.6735~~	136° 17,6935	186,36	5.00		

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	300	23:30		-6.36.0323	136.16.7026	204	6.4		
		23:54		-6.38.3771	136.15.9484	283.95	6.47		compressor down.
	301	00:14.		-6.39.7726	136 15 4028	194.66	2.97		
		00:30		-6.40.5274	136 15.2017	191.97	2.86		
		01:16		-6 42.6889	136 14.4455	197.94	5.74		Analog record continue
									1500 PSI
		01:30		-6.43.8461	136.14.0782	299.90	6.69		
		02:00		-6.45.9541	136.13.3445	202.72	5.69		
		~~02:02~~		~~-6.46.2258~~	~~136 13.2452~~	~~190.45~~	~~5.61~~		~~Line no 1 Reel 4~~ Digital record on
									Tipe 3
		02:08							analog Tape #9
		02:11							Line 1 Reel 4 Tape 3 off
		02:31		-6.48.7559	136.12.4578	194.64	5.41		
		02:44:		-6.50.0175	136.11.9682	198.52	5.42		End OF Line I (EOF 1)
		02:45		-6.50.1439	136.11.9523	167.67	4.46		Analog tape #10 start Line 2
	301	03:00		-6.51.3692	136.12.0466	160.93	5.58		~~Computer tape no 4~~
		~~03:30~~		~~-6 53,8727~~	~~175 136 42,0205~~	~~178,44~~	~~4.95~~		

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	301	03:07	2						comp tape No: 3 L2 RN 1
		03:30	2	-6 53.8717	136 12.0205	175.41	4.35		
		~~03:00~~							
		04:00	2	-6.56.4583	136 12.0603	178.77	4.78		
		4:13							computer off
		04:30		-6 59.1714	136 12.0242	179.69	5:27		
		04:40							Analog tape #11
		05:00		-7 01.9194	136 11.9944	181:88	6:23		
		05:26							comp tape #4 L2 F2
		05:30		-7 04:6616	136 4.9531	181:45	5:43		
		06:00		-7 07.4419	136 11.9547	184.00	6.01		
		06:15							comp error
		06:30		-7 10.5013	136 11.9600	179.94	6.37		
		06:40							Analog tape #12
		07:00		-7° 13.2095	136° 12.0342	173.61	5.91		
		07:30		-7° 16.3025	136° 12.0365	180.77	6.31		~~off line~~
		07:33		-7° 16.5230	136° 12.0225	182.45	5.66		off line comp
		08:00							down

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		7 : 52	2	-7° 18.1323	136° 11.9720				On line ....
		08 : 00		-7° 18.7063	136° 11.9708	183,74	4.03		
		08 : 30		-7° 21,7338	136° 12.0132	182,75	6.34		
		08 : 58		-7° 24.6137	136° 12.0368		6		analog Tape # 13
		09 : 00		-7° 24.8185	136° 12.0294	179,67	6,21		
		09 : 30		-7° 28.0895	136° 12.0695	188.13	6.66		
		10 : 00		-7° 31.2157	136° 11.9408	185,55	6.46		Disk #2 (NAV)
		10 : 30		-7° 34.3945	136° 12.0352	183,82	5,98		
		10 : 58		-7° 37.2920	136° 12.0075				analog Tape # 14
		11 : 00		-7° 37.5112	136° 12.0061	180.44	6,64		
		11 : 11							Compressor trouble
		11 : 14		~~-7° 40.5241~~	~~136° 12.0018~~	~~188,87~~	~~6,48~~		Run Again .
		11 : 30		-7° 40.5241	136° 12,0018	188,87	6,48		
		12. 00		-7° 43,4311	136° 11,1875	184,34	5,68		
		12 : 30		-7.46.2614	136° 12 0226	170.45	5.28		
		12 : 55		-7.48.5431	136.12.0071	180.00	5.23		Analog Tape #15
		13 : 00		-7.48.8865	136. 11.9965	167.70	5.18		
		13 : 30		-7.51.4856	136.12.0228	179.73	4.54		

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	301	14:00	2	-7.53.8727	136.12.0204	183.70	4.50		
		14:30		-7 56 4913	136 11.9948	191.84	5.92		
		14:57.45		-7.59.3270	136 12.0359	170.68	6.07		Analog tape #15 Finish.
		14:59.45		~~-7.52.5291~~	~~136.12.0598~~	~~151.40~~	~~5.83~~		Analog tape # 16
		15.00		-7° 52.5291	136° 12.0598	151.40	5,83		
		15. 30		-8° 02,6010	136° 11.9873	183,68	6,03		
		16. 00		-8° 05,6183	136° 12,0042	176,50	5,80		
		16. 30		-8° 08,7158	136° 12,0124	183,39	5,96		
		17. 00		-8° 11.8067	136° 12,0244	187,49	6,69		Analog tape # 17
		17. 30		-8° 14,8961	136° 12,0466	189,03	6,03		
		18.00		-8° 18,8775	136° 12,0120	178,23	6,24		
		18.30		-8° 21,9145	136° 12,0085	179,69	6,58		
		18.55							Analog tape # 18
		19.00		-8° 24,6070	136° 11,9969	177,47	6,30		
		19:30		-8° 27.6175	136° 11.9441	180,21	5,96		
		20:00		-8° 30,2913	136° 12.0135	177,9	5,47		
		20:30		-8° 33.1989	136° 12.0286	187,78	5,94		
		20:53		-8° 35.3876	136° 11.9724				Analog Tape #19

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	301	21:00		-8 36.0649	136 11.9726	183.13	5.38		
		21:30		-8 39.1090	136 12.0299	180.20	6.18		
		22:00		-8 42.3054	136 12.0313	180.76	6.07		
		22:30		-8 45.5303	136 12.0051	174.61	6.23		
		22:53		-8° 48.0187	136° 11.9057				analog Tape #20
		23:00		-8° 48.7830	136° 11.9150	179.93	6.24		wavy (sea)
		23:30		-8° 51.9259	136° 12.0296	174.41	5.48		"
	302	00:00		-8.55.1932	136° 12.0249	184.94	6.43		"
		00:30		-8.58.3533	136° 12.0117	179.93	5.90		"
		01:00		-9.1.6843	136.11.9918	174.70	6.71		"
		01:07		-9.2.3135	136.11.9849	182.03	11.00		end Analog tape #20
		01:09		-9.2.5187	136.11.9756	124.50	10.50		Analog tape #21
		01:30		-9.4.7411	136.11.9733	183.57	6.34		Wavy (sea)
		02:00		-9.7.8266	136-12.0071	101.52	6.48		"
		02:30		-9.10.9123	136.11.9822	170.87	6.05		"
		03:00		-9.14.0985	136.11.8963	175.26	6.13		"
		03:08		-°	"	183.15	5.31		
		03:0832		-9.14.8471	136.11.8749	183.15	5.31		Analog tape #22

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		03:32		-9.17.2138	136.11.8941	174.99	6.06		
		03:59	2	-9.19.9340	136 11.9426				→ EOL 2
		21:50							tape Start #23
SOL 3	302	2200 ~~01:59:42~~	3	-10°39.98'	139° 10.64'				turning/tape 23 on line
		22:07		-10° 39.5	139° 11.1	25.	5.5		
		22:30		-10° 37.7135	139° 12.3277	34.03	5.59		
		23:00				23.54	6.28		
		23:30		-10° 32.0802	139.15.0315	30.23	5.00		end tape#23 Analog tape #24
	303	00:00		-10° 29.2919	139.16.4506	27.98	6.50		
		00:30		-10° 26.4506	139.17.9806	32.50	6.39		
		01:00		-10° 23.5938	139.19.3313	26.78	6.58		
		01:30		-10.20.6254	139.20.8540	27.82	6.51		
		01:53		-10.18.5291	139.21.9209	23.34	6.31		Start Tape #25
		02:00		-10.17.6436	139.22.4068	22.44	6.57		
		02:30		-10 14.0889	139.23.8001	25.77	6.48		
		03:00		-10.11.8650	139.25.3021	31.05	6.44		
		03:30		-10. 8.7774	139 26.8809	26.80	6.86		
		04:00		-10 5.6758	139 28.3805	28.89	7.13		

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	303	04:07							start Analog tape #26
		04:30	3	-10 02,5448	139 30.0046	25:53	7:24		
		05:00		-9 59,3713	139 31,6392	28:52	6,98		
		05:30		-9 56.1772	139 32,2293	25:25	7.84		
		06:07							start tape #27
		06:30		-9 49.7801	139 36.4354	29:51	6.41		
		07:00		-9 46.6761	139 38.0692	33,15	8.28		
		07:24		-9 44.3659	139 39.2578				Disk #3 (NAV)
		07:30		-9° 43.9071	139° 39.4746	26.01	5.96		
		08:00		-9° 41.2405	139° 40.8025	25.09	5.63		
		08:07							start tape analog #28
		08:30		-9° 38.7030	139° 42.0806	29,66	5.94		
		09:00		-9° 36.2077	139° 43.3255	36.251	4.20		
		09:30		-9° 33.6333	139° 44.6930	30.51	5.73		
		10:00		-9° 31.0510	139° 45.9378	25.78	5.91		
		10:04		-9° 30.731	139° 46.1045				Analog tape #29
		10:30		-9° 28.6312	139° 47.1373	33.13	4.24		
		11:00		-9. 26.3469	139° 40.2939	44.88	4.76		

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
	303	11:30	>	-9.23.9065	139.49.5247	38.08	5.92		
		12:00		-9.21.4212	139.50.7811	29.55	5.22		
		12:09		-9.20.7185	139.51.1721	31:72	5.06		end tape #29 Start " - #30
		12:33		-9.18.7158	139.52.1850	25:55	6:61		
		13:00		-9.16.4719	139.53.2952	19.69	5.04		
		13:30		-9.13.9966	139.54.5764	36.14	6.23		
		14:00		-9.11.1498	139.55.9287	28.37	6.03		
		14:04		-9.10.8394	139.56.1432	33.03	6.60		end tape 30 Start " 31
		14:30		-9.8.3444	139.57.3929	26.90	6.83		
		15:00		-9.5.2924	139.58.9586	21.20	8.19		
		15:30		-9.2.4603	140.00.3480	28.36	6:18		
		16:04							end tape 31 start tape 32
		16:30		-8.56.5845	140.03.3338	18:71	5:92		
		17:00		-8.54.0389	140.04.6443	29:90	5.88		
		17:30		-8.51.3797	140.06.0061	32:66	5.60		
		18:00		-8.48.6979	140.07.4257	28:38	6.02		
		18:04							end tape 32 start tape 33
		18:30		-8.46.0095	140.08.7205	27:36	5.82		

YrMoDy	JulDy	Time+Zone	Line#	Latitude N	Longitude W	Course	Speed	Disk#	Comments
		19:00	3	-8.43.3984	140 10.0240	313:38	6:12		
		19:30		-8 41.0925	140 11.4371	243:77	4:47		
		20:00		-8° 38.9916	140° 12.4701	351.43	5.08		end analog Tape #33
		20:03		-8° 38.6593	140° 12.6354				start " " #34
		20:30		-8° 36.0895	140° 13.6464	89.12	8.39		
		21:00		-8 33.6071	140° 15.3384	62.41	8.28		EOF Line #3
		21:13							End of Survey
									End Disk #3 (NAV)