104922

USGS - BAMG

SEISMIC/GEOPHYSICS 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: I. Edgar

Every 1/2 hr.

Seismic log

MASSCOMP TAPE

Line#	YrMoDy +JulDy	Time +Zone (UTC)	Crs	Spd	Navigation (Lat. Long.)	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
Test	294	0403	76°		-5°58.89 135°55.59	1 Sec Sweep 3 Sec. Fire	Test	1		Streamer Towhoke Test. JAVA TEST Line
* Above Line was shot line to test gear. Tekey Edgar has hard copy.										
BRNA 95003 ARAFURA Sea										
START depth #1	300	0542		5	-5°02.03 136°48.30	1 Sec. Record 3 Sec. Rep. Rate	1	1	Turning	Channel A GPC = 250 ms Channel B GPC = 500 ms
44,15	300	0548	185	5	-5°02.51 136°48.13					completed turn Massom crashed
47,51	300	06 00	181	5	-5 03.66 136° 47,44		1	1		Start recording.
	300	06 11	181	5	-5 04,73 136° 47,41		1	1		
46,91	300	06 30	188	5	-5 06 36 136°, 46.89		1	1		
44,43	300	07 00	198	5,21	-5° 08,65 136° 46,02					
		07 09								recording crash.
		07 12								Beginning recording.
		07 13								rec crash again
		07:18					2	2		Tape 2 File 3 Reel 2
		07:30			-5°10.08 136.45.4048		2			
		07:31	194		-5°11.0022 136 45.3654		3			(reboot) Crash error
		08:00	202		-5° 13.18 136° 44.53					still on reboot
										system

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
		08:30	191,72	3,94	-5° 15' 43 136° 43.98					still on reboot
										On
		08:34	198,75	3,99	-5 15,66 136° 43,83					Analog tape 1
		09:00	200,99	3,28	-5° 17.12 136° 43.26					
		09:30	202,76	4,72	-5° 19.38 136° 42,52					
		10:00	210.4	5.26	-5° 21.00 136° 41.66					
		10:30	187,61	5,23	-5° 24.469 136° 40.87					
		10:35	200.84	5.01	-5° 25.06 136° 40.63					Analog tape # 2
		11:00	183.08	5.35	-5° 26.85 136° 40.008					
		11:30	194.	5.85	-5.29.3280 136.39.207					
		12:00	196	6.52	-5.32.132 136.38.2519					
		12:30	211	5.42	-5.34.0162 136.36.9520					
		12:39	208	6.00	-5.35.9383 136.36 9520					Analog tape #3
		13:00	223	5.40	-5.37.4290 136.36.4830					
		13:30	207	5.71	-5.40.1566 136.35.5378					
		14:00	210	5.50	-5.42.7123 136.34.6686					
		14:30	204	5.10	-5.45.5384 136.33.7749					
		14:38	197	5,54	-5 46.3750 136 33.4335					Analog Tape #4

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
1	300	15.30	197	5.54	-5 50.9317 136 31.0541					
1	300	16	199	6.52	-5 53.6600 136 31.0090					
	300	16 30	205	5.71	-5 56.3332 136 30.0031					16.40 Analog Tape#5.
	300	17 00	195.40	5.08	-5 58.9874 136 29.2303					
		17 30	202.	5.91	-6 01.8274 136 28.3575					
		18 00	281	5.18	-6 04.1322 136 27.4464					
		18.30	190	5	-6.06.8562 136 26.5314					~~Analog tape#6~~
		18 40								Analog tape#6
		19 00	200	6_2	-6° 09,6079 136 25,6701					
		19.30	195,7	6,49	-6° 09,12,1209' 136° 24,7495'					
		20.00	199,8	6,05	-6° 15,1775 136° 23,8158					
		20.30	197,57	6.51	-6° 18,1673 136° 22,8318					
		~~20.40~~								~~Analog tape#7~~
		21.00	190.94	6.01	-6° 21,1957 136° 21.7075					
		21.30	200,80	5,99	-6° 24,2242 136° 20,9199					
		22.00	202,44	6,46	-6° 27,1331 136° 19.7780					
		22.30	209,01	6,19	-6° 30,1248 136° 18,7375					
		~~22.40~~								~~Analog tape#8~~

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	300	23.00	186.36	5.00	-6° 33.0368 136° 17.6935					
		23.30	204	6.4	-6.36.0323 136.16.7026					
		23.54	283.95	6.4	-6.38.3771 136.15.9404					Compressor down!
	301	00:14	194.66	2.97	-6.39.7726 136.15.4028					"
		00:30	191.97	2.86	-6.40.5274 136 15 2017					"
	301	01.17	198	5.6	-6°42.68' 136°14.45					underway
		01:30	209.90	6.69	-643.8461 136 14.0782					
		02:00	202.75	5.69	-6.45.9541 136.13.3445					
		02:02	190.45	5.61	-6.46.2258 136 13.2452					Digital recording on Line 1 Reel 4 Tape 3
		02:08								Analog tape # 9
		02:11								Digital record off Line 1 Reel 4 Tape 3
		02:31	194.69	5.41	-648.7553 136.12.4578					
		02:44	190.92	5.42	-650.0125 136.11 9682					EOF 1
		02:45	167.67	4.46	-650.1439 136 11.9523					SOL #2 Analog tape #10
		03:00	160.93	5.58	-651.3692 136.12.0466					
		~~03:30~~								

NEXT

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
2	301	03:07					#3			comp tape No 3 L2 RN 1
		03:30	175,41	4:35	-6 53,8717 136 12,0205					
		~~04:00~~								
		04:00	178.77	4.78	-6 56,4583 136 12.0603					
		04:13								computer off
		04:30	179.69	5:27	-6 59.1714 136 12.0242					
		~~04:40~~								~~on Tape #~~
		05:00	181,88	6,23	-7 01.9194 136 11.9944					COMP TOPC #4 L2 F2
		05:26								
		05:30	181,45	5.43	-7 04,6616 136 11,9531					
		06:00	184,00	6,01	-7 7,4419 136 11,9547					comp erron
		06:15								
		06:30	179.94	6.37	-7 10.5013 136 11.9600					
		[redacted]								Analog tape #2
		07:00	173.61	5,97	-7 13.2005 136 12.0342					
		07:30	180.77	6.31	-7 16.3025 136 12.0365					
		07:33	182.45	5.66	-7 16.5230 136° 12.022					off line
		07:52			-7 18.1323 136° 11.9720					Compressor down On line ...

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	301	08:00	183.74	4.03	-7° 18.7063 -136° 11.9708					
		08:30	182.75	6.34	-7° 21.7320 136° 12.0132					
		[redacted]			~~-7° 24.6137~~ 136° 12.0368					~~Analog tape #13~~
		09:00	179.67	6.21	-7° 24.8185 136° 12.0294					
		09:30	188.13	6.66	-7 28.0895 136° 12.0695					
		10:00	185.55	6.46	-7 31.2157 136° 11.9408					Disk # 2 (NAV)
		10:30	183.82	5.98	-7° 34.3945 136° 12.0352					
		[redacted]			~~-7° 37.2920~~ 136° 12.0075					[redacted]
		11:00	180.41	6.64	-7° 37.5112 136° 12.0067					
		11:11								Compressor trouble
		11:14		6.4						Run again
		11:30	188.87	6.48	-7° 40.5241 136° 12.0018					
		12:00	184.34	5.68	-7° 43.4311 136° 11.9895					
		12:30	170.45	5.28	-7.46.2614 136.12.0226					
		12:55	[redacted]	5.23	-7.48.5436 136.12.0075					[redacted]
		13:00	167.79	5.18	-7.48.8865 136.11.9965					
		13:30	179.71	4.54	-7 51 4856 136 12.0228					
		14:00	183.70	4.50	-7.53.8727 136.12.0204					

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	301	14:30	191.84	5.92	-7 56.4913 136 11.9948					
		[redacted]			[redacted]					Analog tape #16
		15.00	151.40	5,83	-7° 59.5291 136° 12.0598					
		15.30	183,68	6,03	-8° 02,6010 136° 11,9873					
		16.00	176,50	5,80	-8 05,6183 136° 12,0042					
		16.30	183,39	5,96	-8° 08,7158 136° 12,0124					
		~~17.00~~	~~[illegible]~~	~~6,69~~	-8° 11,8069 136° 12,0244					[redacted]
		17.30	189,03	6,05	-8° 14,8961 136° 12,0466					
		18.00	178,23	6,24	-8° 18,8775 136° 12,0120					
		18.30	179,69	6,58	-8° [illegible],3145 136° [illegible]					Analog tape #18
		18.55								
		19.00	177:47	6.30	-8° 24.6070 136° 11 9926					
		19:30	180,21	5,96	-8 27.6175 136° 11.9441					
		20:00	177,9	5,47	-8 30,2913 136° 12,0135					
		20:30	187,78	5,94	-8 33.1989 136 12.0286					[illegible]
		[redacted]			-8 35.3876 136 [illegible]					[redacted] # 19
		21:00	183.13	5.38	-8 36 [illegible] 136 119736					
		21:30	180.20	6,18	-8 39.1090 136 12.0299					

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
		22:00	180.76	6.07	-8° 42.3054 136° 12.0313					
		22:30	174.66	6.23	-8° 45.5303 136° 12.0051					
		[redacted]			[redacted]				[redacted]	[redacted]
		23:00	179.93	6.24	-8° 48.7830 136° 11.9150					wavy sea
		23:30	179.41	5.48	-9 51.9257 136.12.0796					"
	302	00:00	184.94	6.43	-9.55.1332 136° 12.0249					"
		00:30	179.93	5.90	-9.58.3533 136 12.0117					"
		01:00	174.74	6.71	-9.58.3533 136 11.9918					"
		01:07	182.07	11.00	-9.23135 136 11.9849					end tape # 20
		[redacted]			-9.2.5187 [redacted]					[redacted]
		01:30	183.57	6.34	-9.4.7411 136.11.9733					wavy sea
		02.00	181.52	6.48	-9.7.8266 136.12.0077					-"-
		02:30	170.87	6.05	-9.10.9123 136.11.9822					"
		03:00	177.26	6.13	-9.14.0985 136.11.8963					"
		03:32	174.99	6.06	-9,17.2138 136° 11.8941					
		[redacted]			-9.19.[redacted] [redacted]					[redacted]

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
SOL 3	303	[illegible]	[illegible]	[illegible]	-10° 39.4907 [illegible]		Tape started 21:30			[illegible] 23
		22:30	34.03	5.59	-10° 37.7135 139° 12.3277					
		23:00	33.64	6.28	-10° 34.8093 139° 13.6202					
		23:30	30.23	5.08	[illegible] 139° 150355					[illegible] tape #23 [illegible]
	303	00:00	27.98	6.50	-10.29.2917 139.16.4606					
		01:00	26.78	6.58	-10.23.5378 139.19.3313					
		01:30	[illegible]	6.51	-10.20.6254 139.20.8340					01:53 [illegible] tape 25.
		02.00	22.44	6.57	-10.17.6436 139.22.4068					
		02.30	25.77	6.48	-10.14.0889 139.23.8001					
		03:00	31.05	6.44	-10.11.8650 139.25.3021					
		03:30	28.80	6.86	-10 8.7774 139 26.8809					
		04:00	28.89	7.13	-10 5.6758 139 28.3805					
		04:07								start tape #26
		04:30	25:53	7:24	-10 02.5448 139 30.0046					
		05:00	28:52	6,98	-9 59.3713 139 31.6892					
		05:30	25:25	7,84	-9 56.1772 139 32.2243					
		06:00	30:23	7,04	-9 53.0291 139 34.8676					
		06:07								Start tape #27

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	303	06:30	29.51	6.41	-9 49.9801 139 36.4354					
		07:00	35.15	8.28	-9 46.6761 139 38.0692					
		07:24			-9 44.3659 139 39.2578					Disk # 3 Line 3 (NAV)
		07:30	26.01	5.96	-9° 43.9071 139° 39.4746					
		08:00	25.09	5.63	-9° 41.2405 139° 40.8025					
		[redacted]								[redacted] tape
		08:30	29.66	5.94	-9° 38.7030 139° 42.0806					
		09:00	302.51	4.20	-9° 36.2077 139° 43.3255					
		09:30	30.51	5.73	-9° 33.6333 139° 44.6930					
		10:00	25.78	5.91	-9° 31.0510 139° 45.9378					
		10:04			-9° 30.731 139° 46.1045					[redacted] #28 [redacted] #29
		10:30	33.13	4.24	-9° 28.6312 139° 47.1373					
		11:00	44.88	4.76	-9° 26.3409 139° 40.2939					
		11:30	38.05	5.92	-9.23.9065 139.49.5247					
		12:00	29.55	5.22	-9.21.4212 139.50.7811					
		[redacted]			-9.20.7185 139.51.1721					end Tape #29 Start " # 30
		12:33	25.55	6.61	-9 18.7150 139.52.1850					

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
	30)	13:00	19.69	5.04	-9.16.4719 139.53.2952					
		13:30	36.14	6.23	-9.13.9966 139.54.5764					
		14:00	28.37	6.03	-9.11.1498 139.55.9287					
		[redacted]			139.56.1432					Start tape # 31
		14:30	26.90	6.83	139.57.3929					
		15:00	21.20	10.19	-9.5.2924 139.58.9386					
		15:30	28.36	6.18	-9. 2.4603 140 . 00.3480					
		16:00	24:25	5:45	-8 .59.6269 140 01.8366					
		16:04	[redacted]		[redacted]					stop/end tape [redacted] start tape # 32
		16:30	10:71	5:92	-8.58.5845 140.03.3398					
		17:00	29:90	5:88	-8.54.0389 140..04.6443					
		17:30	32:66	5:60	-8 .51.3797 140 06.0061					
		18:00	28:38	6:02	-8 .48.6979 140 . 7. 4257					
		[redacted]								[redacted]
		18:30	27:36	5:82	-8.46.0095 140.08-7205					
		19:00	313:38	6:4	-8. 43.3984 140 . 10.0240					
		19:30	243:77	4:17	-8 .41.0925 140 11.4371					
		20:00	351.48	5.08	-8° 38.9916 140° 12.4701					

Line#	YrMoDy +JulDy	Time +Zone	Crs	Spd	Navigation	Seismic System Sweep/Fire/Filters	Tape# Disk#	Roll#	Magnets Gravity	Comments
		20:03			-80 38.6593 140° 12.6354					end analog tape # 33 start " " # 34
		20:30	89.12	8.39	-8 36.0895 140° 13.6464					
		21:00	62.41	8.28	-8 33.6071 140° 15.3384					EOL #3
		21:13								End of Surv
										Disk #3 (Nav)