

# Data Repository



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**Geoscience Australia**

## Seismic Survey Observer's Report Scanned Image File

Survey Name	OS88A Marine Seismic, Gravity, & Magnetic
UNO	S3880007
PSLA File Reference	88/13
Operator	Shell Dev (Aust) P/L
Contractor	GSI
Date of Recording	July to August 1988
Confidentiality	
Comment	

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M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0S88A-01

DATE : 12 AUG. 1988

F.S.P. : 101

L.S.P. : 1549

TOTAL SPS : 1449

F.R.N. : ~101

L.R.N. : 1549

TOTAL KMS : 36.225

FIRST REEL : 721220

LAST REEL : 721239

NO OF REELS: 20

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

348.0 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 132 Metres  
STREAMER DEPTH : 11.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHELL</i>		PROSPECT: <i>VIC P128</i>		RECORD LENGTH: <i>6sec</i>		FORMAT: SEG D		SP SHOT POINT RN RECORD NUMBER NR NO RECORD TD TIME DELAY T TRANSPORT TE TRANSMISSION ERROR		AF AUTO FIRE NF NO FIRE BR BAD RECORD					
DATE: <i>12 AUGUST 1988</i>				VESSEL: <i>M/V MAG. CREEK</i>		LINE: <i>0588A-01 ID = 01</i>		SAMPLE RATE: <i>2msec</i>		GUN DELAY: 51.2mS									
PAGE <i>1</i> OF				PARTY: <i>2993</i>		DIRECTION: <i>348.0°</i>		TRACES: <i>300+12</i>		OPERATOR: <i>RPH</i>									
										FIELD TAPE ENTRY									
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER				FEATH. ANGLE	TAPE NUMBERS	T	F.R.N	F.S.P.	L.R.N.	L.S.P.	COMMENTS		
				REC.N	TYPE	HIGH	AV	LOW											
101	101	1:54	95			11.3	10.9	10.4		57p	721220	0	101	101					
151	151	2:01	94			11.6	10.8	10.4		8.1p	721221	1	176	176	175	175	R.N. GUN TO ONSET OFFSET 96 95 51.2ms 136ms 133.45m		
201	201	2:09	94			11.6	10.7	10.4		8.0p	721222	2	256	256	255	255	97 255 51.2ms 138ms 136.45m		
251	251	2:06	93			11.6	10.8	10.4		7.5p	721223	0	336	336	335	335	98 90 51.2ms 138ms 136.45m 99 25p 51.3ms 138ms 136.3m		
301	301	2:24	95			12.2	10.9	10.7		7.8p	721224	1	416	416	415	415	AV OFFSET = <del>125</del> 2m		
351	351	2:32	94			11.0	10.7	10.4		7.1p	721225	2	496	496	495	495	100 BOC NOISE 132m 1550 EOL NOISE		
401	401	2:39	93			11.6	10.8	10.4		6.2p	721226	0	576	576	575	575			
451	451	2:47	94			11.3	10.9	10.4		6.0p	721227	1	656	656	655	655			
501	501	2:55	94			11.0	10.8	10.7		6.4p	721228	2	736	736	735	735			
551	551	03:02	94			11.0	10.7	10.4		5.8p	721229	0	816	816	815	815			
601	601	03:10	92			11.0	10.7	10.4		5.2p	721230	1	896	896	895	895			
651	651	03:17	89			11.0	10.6	10.4		4.8p	721231	2	976	976	975	975			
701	701	03:25	89			11.0	10.8	10.4		4.4p	721232	0	1025	1025	1024	1024			
751	751	03:32	91			11.0	10.8	10.4		3.7p	721233	1	1026	1026	1025	1025			
801	801	03:40	88			11.0	10.7	10.4		3.3p	721234	2	1106	1106	1105	1105			
851	851	03:47	89			11.3	10.9	10.7		2.5p	721235	0	1186	1186	1185	1185			
951	951	04:03	85			11.3	10.7	10.4		3.1p					1265	1265			
1001	1001	04:10	84	1025	NR	11.9	10.9	10.4		2.5p									
1051	1051	04:18	83			11.9	11.1	10.4		1.5p									
1101	1101	04:26	77			11.3	10.9	10.1		1.6p									
1151	1151	04:34	74			11.0	10.8	10.4		2.0p									
1201	1201	04:42	75			11.0	10.6	9.7		2.2p									

10-43320

44-38861-1028



# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : DS88A-02

DATE : 11 AUG. 1988

F.S.P. : 3043

L.S.P. : 15

TOTAL SPS : 3029

F.R.N. : 101

L.R.N. : 3129

TOTAL KMS : 75.725

FIRST REEL : 721182

LAST REEL : 721219

NO OF REELS: 38

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

257.4 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 142 Metres  
STREAMER DEPTH : 10.9 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES: - 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL				PROSPECT: VIC   P28				RECORD LENGTH: 6 Sec.				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR				A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD											
DATE: 11 <sup>th</sup> AUG 88				VESSEL: M/V MAG CRÉCK				LINE: OSEBA-2 ID = 02				SAMPLE RATE: 2Msec				GUN DELAY: 51.2mS																			
PAGE 1 OF 3				PARTY: 2993				DIRECTION: 257.4°				TRACES: 300 + 12				OPERATOR: C.H./HA																			
																FIELD TAPE ENTRY																			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS																
				REC.N	TYPE	H1		A1		L1																									
101	3043	1605	79					11.9		10.9		10.7	0.1°S	721182	0	101	3043	175	2969	RIN GUN TOP ONSET OFFSET 96 9S 51.1 140.0 139.6 97 25S 51.2 142.0 142.45 98 9P 51.3 144.0 148.3 99 25P 51.3 142.0 142.3 AV OFFSET = 142.4															
151	2993	1612	79					11.6		10.7		10.1	1.3°P	721183	1	176	2968	255	2889	100 B.O.L. NOISE															
201	2943	1620	80					12.2		10.9		10.4	0.7°P							OCCASIONAL SWELL BURSTS															
251	2893	1627	80					11.6		10.9		10.4	1.1°P	721184	2	256	2888	335	2809																
301	2843	1635	79					11.3		10.8		10.7	1.1°P	721185	0	336	2808	415	2729																
351	2793	1642	79					11.3		10.8		10.4	1.1°P																						
401	2743	1650	79					11.9		10.9		10.4	0.2°P	721186	1	416	2728	495	2649																
451	2693	1658	78					11.3		10.7		10.1	0.8°P	721187	2	496	2648	575	2569																
501	2643	1705	79					11.9		10.8		10.4	0.6°P																						
551	2593	1713	80					11.3		10.7		10.1	1.6°P	721188	0	576	2568	655	2489																
601	2543	1720	80					11.6		10.6		10.1	1.7°P																						
651	2493	1728	81					11.3		10.8		10.4	1.6°P	721189	1	656	2488	735	2409																
701	2443	1735	81					11.6		10.8		10.4	1.6°P	721190	2	736	2408	815	2329																
751	2393	1743	82					11.6		10.8		10.4	1.4°P																						
801	2343	1751	83					11.6		10.8		10.1	1.3°P	721191	0	816	2328	895	2249																
851	2293	1758	83					11.6		10.8		10.4	1.3°P	721192	1	896	2248	975	2169																
901	2243	1807	82					11.3		10.7		10.1	1.1°P																						
951	2193	1814	82					11.3		10.9		10.4	0.7°P	721193	2	976	2168	1056	2089																
1001	2143	1822	80					11.6		10.9		10.7	0.9°P																						
1051	2093	1830	80					11.6		10.8		10.4	1.3°P	721194	0	1057	2088	1135	2009																
1101	2043	1838	80					11.0		10.7		10.4	1.4°P																						

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHELL</i>		PROSPECT: <i>VIC/P28</i>		RECORD LENGTH: <i>6 Sec</i>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: <i>11<sup>th</sup> AUGUST 88</i>				VESSEL: <i>M/V MAG CREEK</i>		LINE: <i>0588A-02</i> ID = <i>02</i>		SAMPLE RATE: <i>2 MSec</i>		GUN DELAY: 51.2mS			
PAGE <i>2</i> OF <i>3</i>				PARTY: <i>2993</i>		DIRECTION: <i>257.4°</i>		TRACES: <i>300+12</i>		OPERATOR: <i>C.H. / HA</i>			

														FIELD TAPE ENTRY						COMMENTS
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N	F.S.P.	L.R.N.	L.S.P.		
				REC.N	TYPE	H1	AV	L0												
<i>1151</i>	<i>1993</i>	<i>1846</i>	<i>81</i>					<i>11.0</i>	<i>10.7</i>	<i>10.7</i>		<i>1.0°P</i>	<i>721195</i>	<i>1</i>	<i>1136</i>	<i>2008</i>	<i>1215</i>	<i>1929</i>		
<i>1201</i>	<i>1943</i>	<i>1854</i>	<i>83</i>					<i>11.6</i>	<i>10.8</i>	<i>10.4</i>		<i>0.7°P</i>								
<i>1251</i>	<i>1893</i>	<i>19:01</i>	<i>82</i>					<i>11.0</i>	<i>10.6</i>	<i>10.1</i>		<i>0.5°P</i>	<i>721196</i>	<i>2</i>	<i>1216</i>	<i>1928</i>	<i>1295</i>	<i>1849</i>		
<i>1301</i>	<i>1843</i>	<i>19:09</i>	<i>81</i>					<i>11.3</i>	<i>10.7</i>	<i>10.4</i>		<i>0°</i>	<i>721197</i>	<i>0</i>	<i>1296</i>	<i>1848</i>	<i>1375</i>	<i>1769</i>	<i>Shotpoint no 1583 ship's noise noticed</i>	
<i>1351</i>	<i>1793</i>	<i>19:17</i>	<i>83</i>					<i>11.0</i>	<i>10.7</i>	<i>10.4</i>		<i>0°</i>	<i>721198</i>	<i>1</i>	<i>1376</i>	<i>1768</i>	<i>1455</i>	<i>1689</i>		
<i>1401</i>	<i>1743</i>	<i>19:24</i>	<i>85</i>					<i>11.6</i>	<i>10.9</i>	<i>10.4</i>		<i>0°</i>								
<i>1451</i>	<i>1693</i>	<i>19:32</i>	<i>85</i>					<i>11.9</i>	<i>10.9</i>	<i>10.4</i>		<i>0.1°S</i>	<i>721199</i>	<i>2</i>	<i>1456</i>	<i>1688</i>	<i>1535</i>	<i>1609</i>		
<i>1501</i>	<i>1643</i>	<i>19:39</i>	<i>85</i>					<i>11.3</i>	<i>10.7</i>	<i>10.4</i>		<i>0.2°P</i>								
<i>1551</i>	<i>1593</i>	<i>19:47</i>	<i>84</i>					<i>11.6</i>	<i>10.9</i>	<i>10.4</i>		<i>1.4°P</i>	<i>721200</i>	<i>0</i>	<i>1536</i>	<i>1608</i>	<i>1615</i>	<i>1529</i>		
<i>1601</i>	<i>1543</i>	<i>19:54</i>	<i>84</i>					<i>11.3</i>	<i>10.9</i>	<i>10.4</i>		<i>1.9°P</i>							<i>TR 257, 258 WEAK FROM S.P. 1480 APPROX</i>	
<i>1651</i>	<i>1493</i>	<i>2003</i>	<i>86</i>					<i>11.3</i>	<i>10.8</i>	<i>10.4</i>		<i>1.8°P</i>	<i>721201</i>	<i>1</i>	<i>1616</i>	<i>1528</i>	<i>1695</i>	<i>1449</i>		
<i>1701</i>	<i>1443</i>	<i>2010</i>	<i>88</i>					<i>11.6</i>	<i>10.8</i>	<i>10.4</i>		<i>2.1°P</i>	<i>721202</i>	<i>2</i>	<i>1696</i>	<i>1448</i>	<i>1775</i>	<i>1369</i>		
<i>1751</i>	<i>1393</i>	<i>2017</i>	<i>87</i>					<i>11.6</i>	<i>10.9</i>	<i>10.4</i>		<i>1.4°P</i>								
<i>1801</i>	<i>1343</i>	<i>2025</i>	<i>88</i>					<i>11.3</i>	<i>10.7</i>	<i>10.4</i>		<i>1.9°P</i>	<i>721203</i>	<i>0</i>	<i>1776</i>	<i>1368</i>	<i>1855</i>	<i>1289</i>		
<i>1851</i>	<i>1293</i>	<i>2032</i>	<i>89</i>					<i>11.6</i>	<i>10.8</i>	<i>10.4</i>		<i>1.2°P</i>								
<i>1901</i>	<i>1243</i>	<i>2039</i>	<i>89</i>					<i>11.6</i>	<i>10.9</i>	<i>10.7</i>		<i>1.7°P</i>	<i>721204</i>	<i>1</i>	<i>1856</i>	<i>1288</i>	<i>1935</i>	<i>1209</i>		
<i>1951</i>	<i>1193</i>	<i>2047</i>	<i>88</i>					<i>11.6</i>	<i>10.8</i>	<i>10.4</i>		<i>1.9°P</i>	<i>721205</i>	<i>2</i>	<i>1936</i>	<i>1208</i>	<i>2015</i>	<i>1129</i>		
<i>2001</i>	<i>1143</i>	<i>2054</i>	<i>90</i>					<i>11.6</i>	<i>10.6</i>	<i>10.4</i>		<i>1.6°P</i>								
<i>2051</i>	<i>1093</i>	<i>21:01</i>	<i>90</i>					<i>11.0</i>	<i>10.8</i>	<i>10.7</i>		<i>0.9°P</i>	<i>721206</i>	<i>0</i>	<i>2016</i>	<i>1128</i>	<i>2095</i>	<i>1049</i>		
<i>2101</i>	<i>1043</i>	<i>21:08</i>	<i>89</i>					<i>11.3</i>	<i>10.8</i>	<i>10.4</i>		<i>1.0°P</i>								
<i>2151</i>	<i>993</i>	<i>21:15</i>	<i>91</i>					<i>11.0</i>	<i>10.6</i>	<i>10.4</i>		<i>1.1°P</i>	<i>721207</i>	<i>1</i>	<i>2096</i>	<i>1048</i>	<i>2175</i>	<i>969</i>		
								<del><i>11.0</i></del>	<del><i>10.6</i></del>	<del><i>10.4</i></del>		<del><i>1.1°P</i></del>								

G D	S.P. SHOT POINT R.N. RECORD NUMBER	A.F. AU N.F. NO
-----	---------------------------------------	--------------------

25-0148-2 994

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~SHEPHERD~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-03

DATE : 12 AUG. 1988

F.S.P. : 1251

L.S.P. : 033

TOTAL SPS : 1219

F.R.N. : 101

L.R.N. : 1319

TOTAL KMS : 30.475

FIRST REEL : 721240

LAST REEL : 721255

NO OF REELS: 16

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

167.8 DEG.

S

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 134 Metres  
STREAMER DEPTH : 11.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHELL</i>		PROSPECT: <i>VIC P128</i>		RECORD LENGTH: <i>6 sec</i>		FORMAT: SEG D		S P SHOT POINT R N RECORD NUMBER N R NO RECORD T D TIME DELAY T TRANSPORT T E TRANSMISSION ERROR  A F AUTO FIRE N F NO FIRE B R BAD RECORD							
DATE: <i>12 AUGUST 1988</i>				VESSEL: <i>MV MAG CREEK</i>		LINE: <i>0588A-03</i> ID = <i>03</i>		SAMPLE RATE: <i>2 msec</i>		GUN DELAY: 51.2mS									
PAGE <i>1</i> OF <i>2</i>				PARTY: <i>2993</i>		DIRECTION: <i>167-8°</i>		TRACES: <i>300+12</i>		OPERATOR: <i>RPH</i>									
FIELD TAPE ENTRY																			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS
				REC.N	TYPE	HIGH	AV	LOW											
101	1251	08:14	57					11.3	10.7	10.4	11.4°p	721240	0	101	1251		175	1177	
151	1201	08:21	84					11.0	10.8	10.4	9.0°p	721241	1	176	1176		255	1097	RN GUN T <sub>D</sub> OFFSET OFFSET +
201	1151	08:29	68					11.9	10.7	10.4	7.7°p	721242	2	256	1096				96 95 56.0 ms 136ms 133.75m
251	1101	08:37	72					11.6	10.7	10.4	7.1°p	721243	0	336	1016		335	1017	97 25s 50.8 ms 136ms 134.05m
301	1051	08:44	76					11.9	10.8	10.4	7.1°p	721244	1	416	936		415	937	98 90 50.6 ms 136ms 134.35m
351	1001	08:52	79					11.9	10.8	10.4	7.3°p	721245	2	496	856				99 25p 50.7 ms 138ms 137.2m
401	951	08:59	81					11.3	10.7	10.4	7.4°p	721246	0	576	776		495	857	100 BOL NOISE
451	901	09:07	82					11.3	10.5	10.4	6.0°p	721247	1	656	696		575	777	1320 EOL NOISE
501	851	09:14	83					11.6	10.8	10.7	5.7°p	721248	2	736	616		655	697	
551	801	09:22	80					11.0	10.5	10.4	5.2°p	721249	0	816	535		735	617	
601	701	09:37	85					11.9	10.7	10.4	5.3°p	721250	1	896	456		815	537	
701	651	09:44	86					11.6	10.8	10.4	5.1°p	721251	2	976	376		895	457	
751	601	09:52	87					11.6	10.7	10.4	5.5°p	721252	0	1056	296		975	377	
801	551	09:59	89					11.3	10.7	10.4	5.1°p	721253	1	1136	216		1055	297	
851	501	10:07	88					11.6	10.7	10.4	4.8°p						1135	217	
901	451	10:14	90					11.6	10.7	10.4	3.1°p						1215	137	
951	401	10:22	89					11.6	10.6	10.4	2.5°p								
1001	351	10:29	90					11.3	10.7	10.4	2.6°p								
1051	301	10:36	89					11.6	10.5	10.1	2.2°p								
1101	251	10:44	90					11.3	10.7	10.4	2.0°p								
1151	201	10:51	90					11.3	10.8	10.4	2.0°p								
1201	151	10:59	92					11.3	10.7	10.4	1.7°p								

**C. O. - A 2220**

CP-111-P-2 1024

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-04

DATE : 10 AUG. 1988

F.S.P. : 101

L.S.P. : 4256

TOTAL SPS : 4156

F.R.N. : 101

L.R.N. : 4255

TOTAL KMS : 103.90

FIRST REEL : 721113

LAST REEL : 721166

NO OF REELS: 54

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

078.0 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 137 Metres  
STREAMER DEPTH : 11.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -3898.



# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <u>SHKLL</u>		PROSPECT: <u>VIC / P28</u>		RECORD LENGTH: <u>6 Sec.</u>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD											
DATE: <u>10<sup>th</sup> AUGUST 88</u>				VESSEL: <u>M/V MAG CRÉK</u>		LINE: <u>OS88A-04</u> ID = <u>04</u>		SAMPLE RATE: <u>2 MSec.</u>		GUN DELAY: <u>51.2ms</u>													
PAGE <u>1</u> OF <u>4</u>				PARTY: <u>2993</u>		DIRECTION: <u>78.0°</u>		TRACES: <u>200 + 12</u>		OPERATOR: <u>C.H. / HA</u>													
														FIELD TAPE ENTRY									
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS				
				REC.N	TYPE	H1	AV	L0															
101	101	2116	86				11.3	10.9	10.7			3.3°P	721113	0	101	101	174	174	RN GUN Td ONSET OFFSET 10196 95 51.2ms 138ms 136.45m 10297 255 51.5ms 146ms 145m 10398 9P 51.3ms 162ms 142.3m 10499 25P 51.1ms 142ms 142.6m AV. OFFSET - 143.3m				
151	151	2123	87				11.6	11.2	10.7			2.8°P	721114	1	175	175	254	254	106108 B.O.L. NOISE 4256 EOL NOISE				
201	201	2131	87				12.2	11.3	10.7			2.7°P							KILL 1 <sup>st</sup> KICK 105 - RNS 101-106 REPEATED FOR PRODUCTION.				
251	251	2139	88	252	AF		11.3	11.2	10.7			2.6°P	721115	2	255	258	334	334	SWELL NOISE FROM B.O.L.				
301	301	2147	87				11.9	11.2	10.7			1.6°P	721116	0	335	335	414	414					
351	351	2155	85				11.6	11.1	10.4			0.6°P											
401	401	22:02	88				11.9	11.1	10.7			1.1°P	721117	1	415	415	494	494					
451	451	22:10	86				11.6	11.1	11.0			1.6°P	721118	2	495	495	574	574					
501	501	22:19	87				11.6	10.9	10.1			1.7°P											
551	551	22:27	87				12.2	11.1	10.7			0.6°P	721119	0	575	575	654	654					
601	601	22:35	88				11.6	11.0	10.4			0.2°S											
651	651	22:43	88				11.6	11.2	10.7			0°	721120	1	655	655	734	734					
701	701	22:51	86				12.2	10.9	9.7			0.3°S	721121	2	735	735	814	814					
751	751	22:59	85				11.9	11.2	10.4			1.2°S											
801	801	2308	85				12.2	11.2	11.0			0.1°S	721122	0	815	815	894	894					
851	851	2315	84				11.3	10.9	10.1			0.9°S	721123	1	895	895	974	974					
901	901	2324	84				11.6	11.0	9.7			0.9°S											
951	951	2332	82				11.0	10.8	10.4			1.4°S	721124	2	975	975			SHIP'S NOISE NOTICED @ S.P. 1030				
1001	1001	2340	81				11.6	11.3	11.0			1.5°S	721125	0	1055	1055	1056	1056					
1051	1051	2348	82				11.9	11.1	10.4			2.0°S	721126	1	1135	1135	1136	1136					
1101	1101	2355	81				11.6	11.1	10.7			2.3°S											

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <b>SHELL</b>		PROSPECT: <b>VIC P28</b>		RECORD LENGTH: <b>6 SEC</b>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: <b>10<sup>TH</sup> Aug 1988</b>				VESSEL: <b>M.V. MAG COAST</b>		LINE: <b>0588A-04</b> ID = <b>04</b>		SAMPLE RATE: <b>2 mS</b>		GUN DELAY: 51.2mS			
PAGE <b>2</b> OF <b>4</b>				PARTY: <b>2993</b>		DIRECTION: <b>78.0°</b>		TRACES: <b>300+12</b>		OPERATOR: <b>A.E. RPH</b>			

														FIELD TAPE ENTRY						
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER				FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS			
				REC.N	TYPE	H <sub>1</sub>	H <sub>2</sub>	LOW												
1151	1151	00:03	80			11.3	10.8	10.4		1.95	721126	1	1135	1135						
1201	1201	00:11	80			11.9	11.2	10.4		1.95	721127	2	1215	1215			SHIPS NOISE @ 301350 Not Evident-			
1251	1251	00:18	80			11.6	11.1	10.7		2.05	721128	0	1245	1245			SOME SWELL NOISE PRESENT @ S.P. 2051			
1301	1301	00:25	79			11.6	10.9	9.7		2.45	721129	1	1375	1375						
1351	1351	00:33	80			11.3	10.8	9.1		2.75	721130	2	1455	1455						
1401	1401	00:40	79			11.6	11.1	10.1		2.35	721131	0	1535	1535						
1451	1451	00:47	79			11.3	10.7	9.4		2.35	721132	1	1615	1615						
1501	1501	00:55	79			11.3	10.9	10.4		2.55	721133	2	1695	1695						
1551	1551	01:02	79			11.9	11.2	10.7		2.85	721134	0	1775	1775						
1601	1601	01:10	79			11.3	10.3	8.5		2.55	721135	1	1855	1855						
1651	1651	01:17	78			12.8	11.4	10.4		2.45	721136	2	1935	1935						
1701	1701	01:24	77			11.9	11.4	10.7		2.55	721137	0	2015	2015						
1751	1751	01:32	77			11.3	11.0	10.4		2.45	721138	1	2095	2095						
1801	1801	01:39	77			11.9	11.0	9.7		2.85	721139	2	2175	2175						
1851	1851	01:46	75			11.6	10.9	10.4		3.15										
1901	1901	01:53	77			11.3	11.1	10.4		2.45										
1951	1951	02:01	77			12.5	11.4	10.4		2.05										
2001	2001	02:08	76			11.3	11.0	10.4		2.45										
2051	2051	02:16	74			12.5	11.4	10.7		1.95										
2101	2101	02:23	74			11.9	11.4	11.3		1.95										
2151	2151	02:31	74			11.6	10.8	9.7		2.25										
2201	2201	02:38	78			11.6	11.2	10.7		1.95										

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <u>SHELL</u>		PROSPECT: <u>Vic P28</u>		RECORD LENGTH: <u>6 SECS.</u>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: <u>10<sup>TH</sup> AUG 1988</u>				VESSEL: <u>MV. MAG CREEK</u>		LINE: <u>0588A-041D = 04</u>		SAMPLE RATE: <u>2ms</u>		GUN DELAY: 51.2ms			
PAGE <u>3</u> OF <u>4</u>				PARTY: <u>2993</u>		DIRECTION: <u>78.0°</u>		TRACES: <u>300+12</u>		OPERATOR: <u>AE &amp; RPH</u>			

												FIELD TAPE ENTRY					COMMENTS
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER			FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.		
				REC.N	TYPE	A <sub>1</sub>	A <sub>2</sub>	Low.									
2251	2251	02:45	79			11.3	10.9	10.7	2.08	721140	0	2255	2255				
														2334	2334		
2301	2301	02:52	79			11.9	10.9	9.1	1.75	721141	1	2335	2335				
														2414	2414		
2351	2351	03:00	79			11.3	11.1	10.7	1.55	721142	2	2415	2415				
														2494	2494		
2401	2401	03:07	80			12.5	11.3	9.7	0.95	721143	0	2495	2495				
														2574	2574		
2451	2451	03:15	79			12.5	11.2	10.7	0.75	721144	1	2575	2575				
														2654	2654		
2501	2501	03:22	78			11.9	10.9	10.1	1.75	721145	2	2655	2655				
														2734	2734		
2551	2551	03:29	80			12.5	10.8	10.1	0.55	721146	0	2735	2735				
														2814	2814		
2601	2601	03:37	79			11.3	11.0	10.7	1.25	721147	1	2815	2815				
														2894	2894		
2651	2651	03:44	79			11.6	10.9	10.1	0.75	721148	2	2895	2895				
														2974	2974		
2701	2701	03:52	79			11.9	11.4	11.0	0.65	721149	0	2975	2975				
														3054	3054		
2751	2751	04:00	78			11.0	10.5	9.7	0.75	721150	1	3055	3055				
														3134	3134		
2801	2801	04:07	80			11.0	10.4	9.2	0.45	721151	2	3135	3135				
														3214	3214		
2851	2851	04:15	80			11.3	11.0	10.7	0.65	721152	0	3215	3215				
														3273	3273		
2901	2901	04:22	79			11.3	10.9	10.7	0.45	721153	1	3274	3274				
														3274	3274		
2951	2951	04:30	79			11.6	11.0	10.6	1.05	721154	2	3275	3275				
														3354	3354		
3001	3001	04:37	79			11.3	10.6	9.7	0.15								
3051	3051	04:45	79			11.6	10.9	10.4	0.85								
3101	3101	04:52	78			11.6	10.9	10.4	0.35								
3151	3151	05:00	80			11.6	11.6	10.4	0.15								
3201	3201	05:07	79			11.3	11.0	10.7	0.15								
3251	3251	05:14	79			11.3	10.7	10.6	0.15								
3301	3301	05:22	78			11.6	10.7	9.7	0.25								

# GEOPHYSICAL SERVICE INC.

40-48820

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P28		RECORD LENGTH: 6 SEC		FORMAT: SEG D		SP. SHOT POINT RN. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: 10 Aug 1988				VESSEL: MV. MAG CREEK		LINE: OS88A04 ID = 4		SAMPLE RATE: 2 ms		GUN DELAY: 51.2ms			
PAGE 4 OF 4				PARTY: 2993		DIRECTION: 78.0		TRACES: 300 + 12		OPERATOR: AE & RPH			

FIELD TAPE ENTRY													COMMENTS				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER			FEATH. ANGLE	TAPE NUMBERS	T	F.R.N		F.S.P.	L.R.N.	L.S.P.	
				REC.N	TYPE	M1	M0	L00									
3351	3351	0529	77			11.3	10.9	10.6		0.65	721155	0	3355	3355			SPN RN
3401	3401	0536	78			11.6	11.0	10.7		0.35	721156	1	3435	3435	3434	3434	3897 3897
3451	3451	0544	78			11.3	10.9	10.4		0.65	721157	2	3515	3515	3514	3514	3899 3898
3501	3501	0551	79			11.3	10.9	10.7		0.25	721158	0	3595	3595			3900 3899
3551	3551	0558	78			11.9	10.9	10.7		0.55	721159	1	3675	3675	3674	3674	SP 3898 MISSED DUE TO NAV JUMP
3601	3601	0605	78			11.3	10.8	10.6		0.65	721160	2	3755	3755	3754	3754	
3651	3651	0613	79			11.9	11.0	10.4		0.45	721161	0	3835	3835	3834	3834	
3701	3701	0621	79			11.3	11.0	10.9		0.85	721162	1	3915	3916	3914	3915	
3751	3751	0627	78			11.3	10.7	10.1		0.75	721163	2	3995	3996	3994	3995	
3801	3801	0635	78			11.7	10.8	10.7		0.15	721164	0	4075	4076	4074	4075	
3851	3851	0642	78			11.9	11.0	10.4		1.15	721165	1	4155	4156	4154	4155	
3951	3952	0657	78			11.6	10.9	10.7		1.15	721166	2	4235	4236	4234	4235	
4001	4002	0704	78			11.6	11.0	10.6		0.65					4255	4256	
4051	4052	0712	78			11.3	10.9	10.7		0.35							
4101	4102	0719	78			11.3	10.7	10.6		1.15							
4151	4152	0726	77			11.6	11.0	10.7		0.65							
4201	4202	0733	78			11.3	10.9	10.7		0.85							LAST RN = 4255
4255	4256	0741	76			11.0	10.7	10.7		0.65							LAST S.P.# = 4256
																	LINE COMPLETE / PROCESS

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-05

DATE : 12 AUG. 1988

F.S.P. : 101

L.S.P. : 2051

TOTAL SPS : 1951

F.R.N. : 101

L.R.N. : 2049

TOTAL KMS : 48.775

FIRST REEL : 721256

LAST REEL : 721282

NO OF REELS: 27

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

348.0 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIFLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 137 Metres  
STREAMER DEPTH : 10.5 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -1942 & 1979.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL				PROSPECT: VIC P28				RECORD LENGTH: 6 Sec				FORMAT: SEG D				SP SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR				A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD											
DATE: 12 <sup>th</sup> AUGUST 88				VESSEL: M/V MAG CRÉCK				LINE: Q88A-05 ID = 05				SAMPLE RATE: 2 MSec				GUN DELAY: 51.2ms																			
PAGE 1 OF 2				PARTY: 2993				DIRECTION: 348.0°				TRACES: 300 + 12				OPERATOR C.H. / HA																			
																FIELD TAPE ENTRY																			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER								FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS														
				REC.N	TYPE	H1		AV		L2																									
101	101	1329	91					11.0		10.5		10.4	8.8°P	721256	0	101	101	174	174	RN	GUN	T0	ONSET	OFFSET											
																				96	95	51.1	136	133.6											
151	151	1336	92					11.0		10.5		10.1	6.6°P							97	255	51.3	138	136.3											
														721257	1	175	175	254	254	98	9P	51.3	138	136.3											
201	201	1343	90					11.0		10.6		10.4	5.8°P							99	25P	51.3	138	136.3											
																								AV. OFFSET = 135.6											
251	251	1350	90					11.0		10.7		10.4	5.1°P							100	BOL NOISE														
														721258	2	255	255	334	334					KILL FILE #100 - RN 101 REPEATED AS 1 <sup>st</sup> PROB. S NOT											
301	301	1357	89					11.0		10.6		10.4	5.1°P																						
														721259	0	335	335	414	414					TR 257 258 288 OUT OF PHASE											
351	351	1405	90					10.7		10.6		10.4	5.3°P																						
																								'277' 278 " " "											
401	401	1412	87					11.0		10.9		10.4	4.3°P																						
														721260	1	415	415	494	494					TR 65 NOISE											
451	451	1419	86					10.7		10.6		10.4	4.8°P																						
														721261	2	495	495	574	574					SP 762 noticed fishing buoy caught											
501	501	1426	86					11.0		10.7		10.1	5.0°P																						
																								cable at SEM 11 travelling along											
551	551	1433	86					11.0		10.6		10.1	4.9°P	721262	0	575	575	654	654					down the cable											
601	601	1440	86					11.0		10.7		10.4	5.5°P																						
														721263	1	655	655	734	734					SP 809 fishing net un-hooked from											
651	651	1447	85					11.3		10.7		10.4	6.3°P																						
																								cable											
701	701	1455	85					11.0		10.6		10.4	7.1°P	721264	2	735	735	794	794																
751	751	1502	86					11.0		1																									

20	1728 1963	S.P. SHOT POINT R.N. RECORD NUMBER	202320	A.F. AREA N.F. NUMBER
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00-01-4-8-2-100



GEOPHYSICAL SERVICE INC.

20 - AUG 20

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P/28				RECORD LENGTH: 6 sec				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR				A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD			
DATE: 5 <sup>th</sup> AUGUST 1988				VESSEL: MV MAG CREEK		LINE: 0588A-06 ID = 06				SAMPLE RATE: 2ms				GUN DELAY: 51.2ms				9.1							
PAGE 1 OF 1				PARTY: 2993		DIRECTION: 77.9°				TRACES: 300 + 12				OPERATOR RPH											
														FIELD TAPE ENTRY											
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER				FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS								
				REC.N	TYPE	HIGH	AV.	LOW																	
101	101	9:55	77			12.5	11.7	9.1			2.3°S	720992	0	101	101										
151	151	10:04	78	165	B.R.	11.3	10.7	8.8			1.7°S	720993	1	176	176	175	175								
201	201	10:12	77			11.9	10.3	6.7			1.0°S	720994	2	256	256	255	255	R.N. GUN T.D. ONSET OFFSET							
251	251	10:20	77			11.9	11.0	6.7			1.0°					289	289	96 9s 51.1							
289	289	10:27	76			11.3	10.0	7.0			2.1°S							97 25s 51.2							
																		98 9p 51.2							
																		99 25p 51.6							
																		AV. OFFSET =							
																		100 BOL NOISE							
																		290 EOL NOISE							
																		LAST S.P.N = 289							
																		LAST R.N = 289							
																		LINE TERMINATED DUE TO NOISE / DO NOT PROCESS.							



# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ OTWAY BASIN

PARTY NO : 2993

LINE NO : 0588A-06A

DATE : 09 AUG. 1988

F.S.P. : 101

L.S.P. : 2218

TOTAL SPS : 2218

L.G.S.P. : 2210

F.R.N. : 101

L.R.N. : 2217

TOTAL KMS : 55.450

L.G.R.N. : 2209

FIRST REEL : 720995

LAST REEL : 721026

NO OF REELS : 32

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION  
N  
077.9 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 132 Metres  
STREAMER DEPTH : 11.0 Metres

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS : TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -1929.

LINE TERMINATED DUE TO NAVIGATION SOFTWARE FAILURE.

-PROCESS TO SHOTPOINT 2210 ONLY-

# GEOPHYSICAL SERVICE INC.

MARINE FIELD		CLIENT: SHELL	PROSPECT: VIC P28	RECORD LENGTH: 6sec	FORMAT: SEG D	SP SHOT POINT RN RECORD NUMBER NR NO RECORD TD TIME DELAY T TRANSPORT TE TRANSMISSION ERROR		AF AUTO FIRE NF NO FIRE BR BAD RECORD							
DATE: 9	PAGE 1	1988	VESSEL: M/V MAG CREEK	LINE: 0586A-06A ID = 1006	SAMPLE RATE: 2msec	GUN DELAY: 51.2ms									
			PARTY: 2993	DIRECTION: 77.9°	TRACES: 300 +12	OPERATOR: RPH									
FIELD TAPE ENTRY															
POINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER			FEATH. ANGLE	TAPE NUMBERS	T	FRN	FSP	LRN	LSP	COMMENTS
			REC.N	TYPE	HIGH	AV.	LOW								
101	02:42	76			10.7	10.1	9.1	1.6°S	720995	0	101	101			
151	02:49	76			10.7	10.2	9.1	1.3°S	720996	1	176	176	175	175	
201	02:57	76			10.7	9.5	7.0	1.3°S	720997	2	256	256	255	255	
251	03:04	75			10.7	10.3	9.7	0.3°S	720998	0	336	336	335	335	
301	03:12	75			11.3	10.2	9.7	0.2°S	720999	1	337	337	336	336	
351	03:20	76			11.3	10.1	9.7	0.3°S	721000	2	417	417	416	416	
401	03:27	75			11.3	10.6	9.4	0.1°S	721001	0	497	497	496	496	
451	03:35	76			10.4	9.7	8.2	0.5°P	721002	1	577	577	576	576	
501	03:42	76			11.6	10.4	9.7	0.7°P	721003	2	657	657	656	656	
551	03:49	75			11.0	10.4	9.7	0.1°S	721004	0	736	737	736	736	
601	03:57	76			10.7	10.4	9.7	0.8°S	721005	1	817	817	816	816	
651	04:06	74			11.3	10.4	9.4	0.3°P	721006	2	897	897	896	896	
701	04:11	73			11.6	10.2	9.1	0.5°P	721007	0	977	977	976	976	
751	04:18	74			11.3	10.2	9.1	0.7°P	721008	1	1057	1057	1056	1056	
801	04:26	73			11.0	10.1	9.1	1.0°P	721009	2	1137	1137	1136	1136	
851	04:33	73			11.3	10.3	9.4	1.3°P					1216	1216	
901	04:40	73			10.1	9.9	9.1	1.6°P							
951	04:48	75			11.6	10.5	10.1	1.6°P							
1001	04:55	78			10.7	10.4	9.4	1.2°P							
1051	05:02	79			11.6	10.2	8.8	1.6°P							
1101	05:10	79			11.0	10.2	9.4	1.6°P							
1151	05:12	78			10.7	10.1	10.1	1.5°P							

RN. GUN T<sub>0</sub> ONSET OFFSET  
 96 95 51.2ms - -  
 97 255 51.3ms 148ms 151.3m  
 98 9p 51.2ms 146ms 148.4m  
 99 25p 51.4ms 144ms 151.4m  
 AV OFFSET = 150.4m  
 100 BOL NOISE  
 2219 EOL NOISE  
 SWELL BURSTS FROM BOL  
 RTAS READS 22 MINS AHEAD OF CH.1 CHRONOMETER  
 THROUGHOUT LINE, (APPROX)

# GEOPHYSICAL SERVICE INC.

A2-A 8820

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P 28				RECORD LENGTH: 6sec				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: 9 AUGUST 1988				VESSEL: MN MAG CREEK		LINE: 0585A-064 = 1006				SAMPLE RATE: 2msec				GUN DELAY: 51.2mS					
PAGE 2 OF 2				PARTY: 2993		DIRECTION: 77.90				TRACES: 300+12				OPERATOR:					

														FIELD TAPE ENTRY							
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER				FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS				
				REC.N	TYPE	HIGH	AV.	LOW													
1201	1201	05:25	79				11.3	10.5	9.7	1.6°p	721010	0	1217	1217							
															1296	1296					
1251	1251	05:32	80				10.7	10.3	9.7	1.3°p	721011	1	1297	1297							
															1376	1376					
1301	1301	05:39	79				10.4	10.2	9.4	1.3°p	721012	2	1377	1377							
															1377	1377					
1351	1351	05:47	79				10.7	10.2	9.4	1.6°p	721013	0	1378	1378							
															1457	1457					
1401	1401	05:54	78				10.7	10.3	9.7	1.6°p	721014	1	1458	1458							
															1537	1537					
1451	1451	06:02	79				11.3	10.4	9.7	1.5°p	721015	2	1538	1538							
															1548	1548					
1501	1501	06:09	78				10.7	10.1	8.8	2.3°p	721016	0	1549	1549							
				1548	B.R.										1628	1628					
1551	1551	06:17	79				11.0	10.6	9.7	1.3°p	721017	1	1629	1629							
															1708	1708					
1601	1601	06:24	78				10.7	10.2	9.7	1.6°p	721018	2	1709	1709							
															1788	1788					
1651	1651	06:32	80				11.3	10.1	9.1	1.7°p	721019	0	1789	1789							
															1868	1868					
1701	1701	06:39	78				11.9	10.3	10.1	1.6°p	721020	1	1869	1869							
															<del>1948</del>	<del>1948</del>					
1751	1751	06:47	78				12.2	10.6	9.7	1.7°p	721021	2	<del>1949</del>	<del>1949</del>	1948	1949	SPN 1928 RN 1928				
															1949	1950	1929 MISSED NR NAV JUMP.				
1801	1801	06:55	79				11.3	10.3	9.7	1.3°p					2028	2029	1930 1929				
															2046	2047	1931 1930				
1851	1851	07:02	79				11.0	10.4	10.1	1.2°p	721022	0	2029	2030							
															2047	2048					
1901	1901	07:10	78	1929	N.R.		10.7	10.1	9.7	0.9°p	721023	1	2047	2048							
	SPN 1951	R.N. 1950	07:17	81			10.4	9.9	9.4	1.3°p	721024	2	2048	2049			LGSP 2210				
															2127	2128					
2001	2000	07:25	80				12.2	10.6	9.7	1.0°p	721025	0	2128	2129							
															2207	2208	LANE TERMINATED DUE TO NAV. FAILURE.				
2051	2050	07:33	81				11.0	10.2	9.4	1.1°p	721026	1	2208	2209							
															2217	2218					
2101	2100	07:41	81				11.3	10.4	9.7	1.2°p											
2151	2150	07:49	80				11.0	10.2	9.4	0.9°p											
2201	2200	07:56	77				10.7	10.3	9.4	1.4°p											
2218	2217	07:58	78				10.7	10.4	9.4	2.6S											

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL				PROSPECT: VIC P128				RECORD LENGTH: 6sec				FORMAT: SEG D				SP SHOT POINT R.N RECORD NUMBER N.R NO RECORD T.D TIME DELAY T. TRANSPORT T.E TRANSMISSION ERROR				A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD											
DATE: 9 AUGUST 1988				VESSEL: M/V MAG CREEK				LINE: OS80-06B ID = 2006				SAMPLE RATE: 2msec				GUN DELAY: 51.2ms																			
PAGE 1 OF 2				PARTY: 2883 PROCEED				DIRECTION: 77.5				TRACES: 300+12				OPERATOR RPH																			
																FIELD TAPE ENTRY																			
RECORD NUMBER		SHOTPOINT NUMBER		LOCAL TIME GMT		WATER DEPTH METRES		EDIT REC.N TYPE		CABLE DEPTH & SECTION NUMBER HIGH AV. LOW				FEATH. ANGLE		TAPE NUMBERS		T		F.R.N.		F.S.P.		L.R.N.		L.S.P.		COMMENTS							
7061		2061		10:12		79		2061 AR		10.7 10.1 9.7				2.6°P		721028		1		2061		2061		2140		2140		DO NOT PROCESS							
2101		2117		10:21		80				10.7 10.3 10.1				1.4°P		721029		2		2141		2141		2220		2220		R.N GUN T.D ONSET OFFSET							
2161		2161		10:24		80				10.7 10.2 10.1				1.1°P		721030		0		2221		2221		2300		2301		96 95 51.5ms							
2211		2212		10:36		79		2198 BR		10.7 10.1 9.7				0.8°P		721031		1		2301		2302		2380		2381		97 255 51.3ms							
2261		2262		10:44		76		2199 BR		10.7 10.2 9.7				1.3°P		721032		2		2381		2382		2460		2461		98 9p 51.3ms							
2301		2302		10:52		79		2200 BR		11.0 10.3 9.7				0.6°P		721033		0		2461		2462		2540		2543		99 2Sp 51.3ms							
2361		2362		11:00		79		2201 BR		11.0 10.0 9.4				0.7°P		721034		1		2541		2544		2620		2623		AV. OFFSET =							
2411		2412		11:08		80		2203 BR		11.0 10.4 10.1				0.1°P		721035		2		2821		2824		2700		2703		100 BOL NOISE							
2461		2462		11:16		79		2204 BR		11.6 10.2 10.1				0.6°P		721036		0		2701		2704		2780		2787		TAPE HEADERS ARE ONE IN ADVANCE OF THE FIELD LABEL VALUE.							
2511		2510		11:23		80		2534 BR		10.7 10.2 9.7				0.3°P		721037		1		2781		2788		2860		2869		S.P DO NOT PROCESS							
2561		2558		11:31		80		2535		11.0 10.4 9.7				0.1°P										2860		2869		R.N. 2199							
2611		2608		11:39		79		2537		10.7 10.2 10.1				0.2°P		721038		2		2861		2870		2940		2950		N.R. 2200							
2661		2658		11:47		78		2538		10.7 10.2 9.7				0.0										2940		2950		2201 2202							
2761		2755		12:02		77		2539		10.7 10.2 10.1				0.2°P		721039		0		2941		2951		3020		3030		MISSED SHOT POINT DUE TO SCC REBOOT							
2802		2802						2540		11.0 10.2 9.7				0.1°P		721040		1		3021		3031		3100		3110		TRACES 12, 13 @ 14 INTERMITTANTLY DEAD							
2852		2861		12:17		78		2541		11.6 10.6 10.1				0.6°P		721041		2		3101		3111		3101		3111		SP RN							
2902		2912		12:25		77		2542		11.0 10.4 9.4				0.2°P		721042		0		3102		3112		3181		3191		2534 2533 NR							
2952		2962		12:32		75		2543		10.7 10.4 10.1				0.6°P										3181		3191		2536 NR							
3002		3012		12:40		76				11.0 10.2 9.7				0.0°P		721043		1		3182		3192		3185		3195		2537 2534							
3052		3062		12:48		75				10.7 10.1 9.7				0.4°P																					

FROM SPT 3033 DEAD TRACE 13

ICE INC.

1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-06C

DATE : 11 AUG. 1988

F.S.P. : 3111

L.S.P. : 1977

TOTAL SPS : 1135

F.R.N. : 101

L.R.N. : 1235

TOTAL KMS : 28.375

FIRST REEL : 721167

LAST REEL : 721181

NO OF REELS: 15

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

DIRECTION

N

257.3 DEG.

S

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 142 Metres  
STREAMER DEPTH : 11.0 Metres

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT :--NIL.  
COMPASSES EXCLUDED:--NIL.  
LINE STATUS :--COMPLETE.  
MISSED SHOTPOINTS :--NIL.

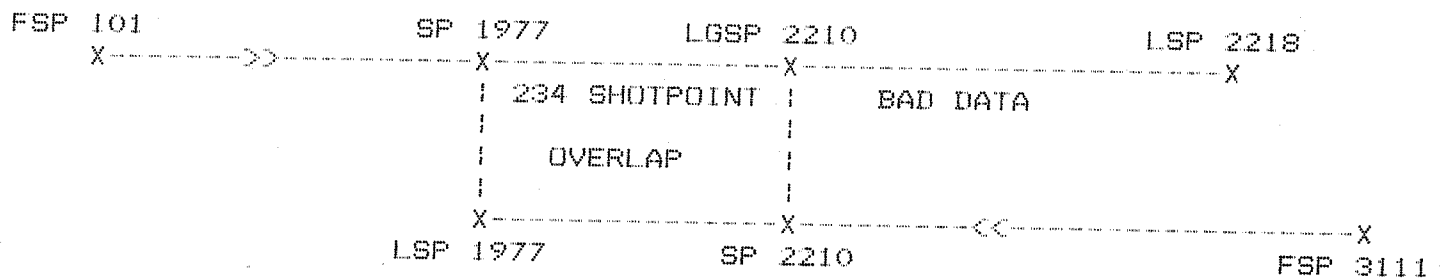
FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

OVERLAP DIAGRAM

LINE NO. 0S88A-06A

I.D. 1006

DIR. 077.9 DEG



LINE NO. 0S88A-06C

I.D. 3006

DIR. 257.3 DEG

LINE 0S88A-06 TERMINATED DUE TO EXCESSIVE SWELL NOISE.  
LINE 0S88A-06A TERMINATED DUE TO NAV. SOFTWARE HANG-UP.  
LINE 0S88A-06B TERMINATED DUE TO DATA TIMING SHIFTS - NOT TO BE PROCESSED.  
LINE 0S88A-06C COMPLETE.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VLC P/28		RECORD LENGTH: 6sec		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR		A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD					
DATE: 11 AUGUST 1986				VESSEL: M/V MAF CREEK		LINE: 0588A-06C ID = 3006		SAMPLE RATE: 2msec		GUN DELAY: 51.2ms									
PAGE 1 OF 2				PARTY: 2993		DIRECTION: 257.30		TRACES: 300+12		OPERATOR: RPH									
												FIELD TAPE ENTRY							
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER			FEATH. ANGLE	TAPE NUMBERS	T	FR.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS			
				REC.N	TYPE	HIGH	AV	LOW											
101	3111	09:47	76			11.3	10.8	10.4	2.1°P	721167	0	101	3111						
151	3061	09:55	75			11.3	10.7	10.1	2.1°P	721168	1	176	3036	175	3037	R.N.	GUN		
201	3011	10:02	76			11.3	11.0	10.7	1.1°P	721169	2	255	2956	255	2957	96	51.2ms		
251	2961	10:09	76			11.0	10.9	10.7	1.2°P	721170	0	336	2876	335	2877	97	51.3ms		
301	2911	10:17	77			11.3	10.8	10.7	1.2°P	721171	1	416	2796	415	2797	98	51.0ms		
351	2861	10:24	78			11.0	10.8	10.7	1.0°P	721172	2	496	2716	495	2717	99	51.4ms		
401	2811	10:32	78			11.0	10.8	10.4	1.2°P	721173	0	576	2636	575	2637	AV. OFFSET = 141.66			
451	2761	10:39	78			11.3	10.7	10.4	0.8°P	721174	1	656	2556	655	2557	100	BOL NOISE		
501	2711	10:47	78			11.3	10.9	10.4	1.8°P	721175	2	736	2476	735	2477				
551	2661	10:54	78			11.3	10.7	10.4	1.2°P	721176	0	816	2396	815	2397				
601	2611	11:02	79			11.0	10.8	10.4	0.4°P					895	2317				
651	2561	11:09	81			11.3	10.9	10.7	0.6°P	721177	1	896	2316	975	2237				
701	2511	11:16	81			11.0	10.7	10.4	0.9°P	721178	2	976	2236	1055	2157				
751	2461	11:24	81			11.3	10.9	10.7	1.1°P										
801	2411	11:31	80			11.3	10.8	10.7	1.0°P	721179	0	1056	2156	1135	2077				
851	2361	11:38	81			11.0	10.8	10.4	1.0°P										
901	2311	11:45	79			11.0	10.7	10.1	1.0°P	721180	1	1136	2076	1215	1997				
951	2261	11:53	79			11.0	10.8	10.7	1.5°P										
1001	2211	12:00	79			11.0	10.9	10.7	2.1°P	721181	2	1216	1996	1235	1977				
1051	2161	12:07	78			11.3	10.8	10.4	1.6°P										
1101	2111	12:14	80			11.3	10.8	10.4	1.6°P										
1151	2061	12:21	81			11.3	10.8	10.4	1.1°P										



SEG D	S.P. SHOT POINT R.N. RECORD NUMBER	CAF NE
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44-38861-2 148A

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-07

DATE : 02 AUG. 1988

F.S.P. : 101

L.S.P. : 1515

TOTAL SPS : 1415

F.R.N. : 101

L.R.N. : 1515

TOTAL KMS : 35.375

FIRST REEL : 706225

LAST REEL : 706243

NO OF REELS: 19

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION  
N  
347.8 DEG.  
S

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 120 Metres  
STREAMER DEPTH : 12.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 2-AUG-88			VESSEL : M/V MAG CREEK			LINE:OS88A- 7 I.D. 007			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 1			PARTY : 2993			DIRECTION : 347-8 TRUE			TRACES : 300 + 12 Aux			OPERATOR : M & N/B				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC. N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	TP	FRN	FSP	LRN	LSP	COMMENTS
101	101	07:14	83	146	B/R.	11.9	11.6	11.0	6.2°S	706225	0	101	101	175	175	RN GUN TD ONSET OFFSET
151	151	07:21	84			11.9	11.6	11.3	6.6°P	706226	1	176	176	255	255	96 95 51.3 128 120
201	201	07:29	82			11.9	11.4	10.7	5.6°P							97 255 51.3 128 120
251	251	07:38	80			12.2	11.7	11.3	4.9°P	706227	2	256	256	335	335	98 4P 51.3 128 120
301	301	07:46	82	808	SE.	11.9	11.6	11.3	3.5°P	706228	0	336	336	415	415	99 25P 51.4 128 119.9
351	351	07:54	80	816	B.R.	11.9	11.5	11.3	2.5°P							AV OFFSET
401	401	08:02	79	908	SE.	11.9	11.7	11.3	1.0°P	706229	1	416	416	495	495	100 BOL NOISE
451	451	08:10	79	*930	SE	11.9	11.8	11.6	1.2°P							EOL NOISE
501	501	08:19	77	932	SE	11.9	11.6	11.0	1.8°P	706230	2	496	496	575	575	
551	551	08:27	78	933	SE	11.9	11.5	11.0	1.7°P	706231	0	576	576			SWELL BURSTS - OCCASIONALLY
601	601	08:34	77	936	SE	11.9	11.6	11.3	1.1°P					655	655	
651	651	08:42	77	940	SE	11.9	11.6	11.3	0.7°P	706232	1	656	656			
701	701	08:50	76	941	SE	11.9	11.5	11.3	0°					735	735	
751	751	08:58	78	942	SE	12.2	11.6	11.3	1.3°S	706233	2	736	736			
801	801	09:05	78	943	SE	11.9	11.6	10.7	1.8°S					815	815	
851	851	09:13	78	944	SE	12.2	11.5	11.3	2.2°S	706234	0	816	816	816	816	
901	901	09:21	77	945	SE	11.9	11.6	11.3	2.4°S	706235	1	817	817	896	896	
951	951	09:28	77	950	SE	12.2	11.9	11.6	2.7°S	706236	2	897	897	976	976	
1001	1001	09:36	79	956	SE	11.9	11.6	11.3	3.2°S							
1051	1051	09:43	78	957	SE	11.9	11.7	11.3	3.6°S	706237	0	977	977	1056	1056	
1101	1101	09:51	78	959	SE	11.9	11.7	11.3	3.9°S	706238	1	1057	1057	1136	1136	
1151	1151	09:58	79	961	SE	11.9	11.5	11.0	3.8°S							
1201	1201	10:05	78	*968	SE	12.2	11.7	11.0	3.9°S	706239	2	1137	1137			
1251	1251	10:12	77	1009	SE	11.9	11.4	11.0	4.0°S					1216	1216	
				1076	SE					706240	0	1217	1217	1296	1296	
				1275	SE											

F-A8820

MARINE FIELD DATA			CLIENT : SHELL		PROSPECT : OTWAY VIC/P-28		RECORD LENGTH : 6 Sec.		FORMAT : SEG D							
DATE <u>2 AUG 88</u>			VESSEL : M/V MAG CREEK		LINE:OS88A- <u>7</u> I.D. <u>7</u>		SAMPLE RATE : 2 Msec		GUN DELAY : 51.2 Msec							
PAGE <u>2</u> of			PARTY : 2993		DIRECTION : <u>347.8</u> TRUE		TRACES : 300 + 12 Aux		OPERATOR :							
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
1301	1301	10:20	77			116	116	113	398	706241	1	1297	1297	1376	1376	
1351	1351	10:28	76	1398	S.E.	119	115	113	453	706242	2	1377	1377			
1401	1401	10:35	74	1476		119	115	113	478					1456	1456	
1451	1451	10:42	64	1477		119	117	113	478	706243	0	1457	1457			
1515	1515	10:50	42			119	116	113	505					1515	1515	
																L.S.P 1515 G.R.N 1515
																LINE COMPLETE / PROCESS

24-01-88-2 MSA

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~STWARY~~ ~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0S88A-08

DATE : 09 AUG. 1988

F.S.P. : 4796

L.S.P. : 3796

TOTAL SPS : 1001

F.R.N. : 102

L.R.N. : 1101

TOTAL KMS : 40.040

FIRST REEL : 721044

LAST REEL : 721056

NO OF REELS: 13

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI  
  
PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

DIRECTION

N

257.1DEG.

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 143 Metres  
STREAMER DEPTH : 9.9 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -#12,13,14,15 ON RN527-560 & RN674-677  
COMPASSES EXCLUDED:-NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -4340.

LINE TERMINATED DUE TO C.M.S. IDLE.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL OIL		PROSPECT: VIC / P28		RECORD LENGTH: 6 Sec.		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD							
DATE: 9 <sup>th</sup> AUGUST 88				VESSEL: M/V MAG CRÉEK		LINE: OS88A-8 ID = 8		SAMPLE RATE: 2 MSec.		GUN DELAY: 51.2ms									
PAGE 1 OF 1				PARTY: 2993		DIRECTION: 257.1°		TRACES: 300 + 12		OPERATOR: C.H.									
FIELD TAPE ENTRY																			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	FIELD TAPE ENTRY					COMMENTS	
				REC.N	TYPE	H1	AJ	L0						TAPE NUMBERS	T	F.R.N.	F.S.P.		L.R.N.
102	4796	1654	73					10.7	9.9	9.4		1.6°P	721044	0	102	4796	175	4723	RN GUN TO GUNSET OFFSET
																		96 95 51.4 142 142	
152	4746	1702	75					10.7	10.2	10.1		1.5°P	721045	1	176	4722	250	4643	97 255 51.4 144 145
																		98 96 51.0 142 142.8	
202	4696	1710	75					10.4	9.9	9.4		1.7°P	721046	2	251	4642			99 255 51.4 156-DISRECORD
																		AV. OFFSET = 143.3	
252	4648	1717	75					10.1	10.20	10.7		1.7°P						100 B.O.L. NOISE	
																		KILL FILE #100	
302	4596	1726	75					11.0	10.3	9.7		1.6°P	721047	0	336	4564	415	4483	SWELL NOISE FROM B.O.L.
352	4546	1734	76					10.7	10.3	10.1		1.7°P							[ REC NOS: 555, 556, 557, 558, 559, 560 ]
																			ARE BAD REC.
402	4496	1743	77					10.4	10.1	9.7		1.4°P							RE-BOOT SCS.
452	4446	1751	76					11.0	10.3	9.7		1.8°P	721048	1	416	4482	415	4403	* S.P. 4340 MISSED
502	4396	1759	77					10.7	10.2	9.7		1.7°P	721049	2	496	4402	575	4322	RN SP
																			555 4343 BR
552	4346	1807	78	558	BR			10.4	10.0	9.7		3.0°P							556 4342 "
				559	BR														557 4341 "
602	4295	1815	76	560	BR			10.4	10.0	9.7		2.1°P	721050	0	576	4321	655	4242	558 4340 MISSED
				566	BR														559 4339 BR
652	4245	1823	77	567	BR			11.9	10.5	9.7		0.8°P							560 4338 "
																			* SEE BELOW
702	4195	1832	75					10.7	10.4	9.7		0.8°P	721051	1	656	4241	735	4162	RN 527 → 560 Traces 12, 13, 14, 15 are dead
752	4145	1840	77					11.6	10.4	9.7		1.4°P	721052	2	736	4161	815	4082	
802	4095	1848	76					10.4	10.1	9.7		1.5°P							RN 674 → 677 " " "
852	4045	1855	78					10.7	10.2	9.7		1.3°P	721053	0	816	4081	895	4002	
902	3995	1904	77					11.0	10.3	9.7		1.9°P	721054	1	896	4001	975	3922	3797 E.O.L. NOISE
952	3945	1912	78					10.7	10.1	9.7		1.7°P							
1002	3895	1920	79					10.7	10.2	9.4		1.3°P	721055	2	976	3921	1055	3842	* AFTER SCS REBOOT THE RN/SP RELATIONSHIP IS.
																			RN SP
1052	3845	1927	79					11.0	10.2	9.7		1.8°P							557 4341 GOOD
																			558 4340 MISSED SP.
1101	3796	1935	79										721056	0	1056	3841	1101	3796	559 4339 BAD
																			560 4338 BAD
																			560 4337 BAD

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : DS88A-08A

DATE : 09 AUG. 1988

F.S.P. : 3946

L.S.P. : 3508

TOTAL SPS : 439

L.G.S.P. : 3650

F.R.N. : 106

L.R.N. : 539

TOTAL KMS : 10.975

L.G.R.N. : 400

FIRST REEL : 721057

LAST REEL : 721062

NO OF REELS : 6

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI  
  
PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

DIRECTION

N

257.3DEG.

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 142 Metres  
STREAMER DEPTH : 10.4 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES: - 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -#12,13,14,15 ON RN480-481  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -3584,3582 & 3580

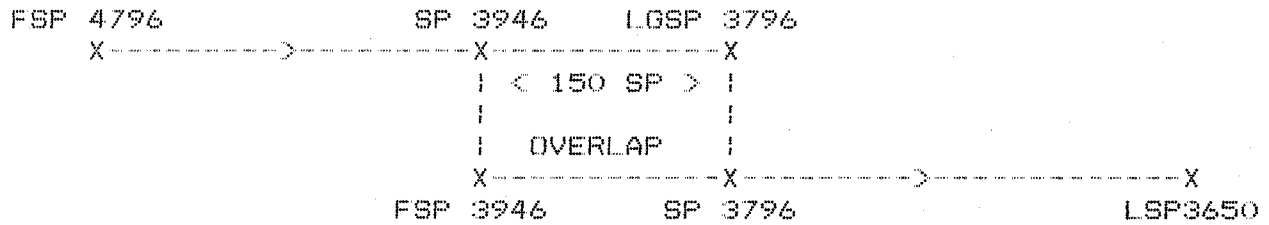
LINE TERMINATED DUE TO DATA CORRUPTION

OVERLAP DIAGRAM

LINE NO. 0S88A-08A

I.D. 1008

DIR. 257.3 DEG.



LINE NO. 0S88A-08A

I.D. 1008

DIR. 257.3 DEG.

COMMENTS

LINE 0S88A-08 TERMINATED DUE TO C.M.S. IDLE.

LINE 0S88A-08A TERMINATED DUE TO DATA CORRUPTION. TO BE COMPLETED.



GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA

CLIENT: SHELL

PROSPECT: VIC P28

RECORD LENGTH: 6 sec

FORMAT: SEG D

DATE: 9 AUG 88

VESSEL: MAG CREEK

LINE: 0588A-8AID = 1008

SAMPLE RATE: 2 ms

GUN DELAY: 51.2ms

PAGE 1 OF

PARTY: 2993

DIRECTION: 257

TRACES: 300+12

OPERATOR: HA

S.P. SHOT POINT

R.N. RECORD NUMBER

N.R. NO RECORD

T.D. TIME DELAY

T. TRANSPORT

T.E. TRANSMISSION ERROR

A.F. AUTO FIRE

N.F. NO FIRE

B.R. BAD RECORD

RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	FIELD TAPE ENTRY					COMMENTS
				REC.N	TYPE				T	F.R.N	F.S.P		L.R.N	L.S.P				
						Hi	AV	Lo										
106	3946	22:50	77					11.6	10.5	10.1	1-8°P	721057	0	106	3941	180	3872	R/N GUN To ONSET OFFSET
156	3896	22:02	78					11.0	10.3	9.7	0-7°P							901 95 51.2 142 142.5
206	3846	22:09	78					10.7	10.2	9.7	0-9°P	721058	1	181	3871	260	3792	902 255 51.3 144 145.3
256	3796							11.0	10.3	9.7	0-4°P							903 9P 51.3 140 139.3
306	3744	22:25	80					11.9	10.3	9.7	0-5°P	721059	2	261	3791	340	3710	904 255 51.2 142 142
356	3694	22:32	79					11.9	10.4	9.7	0-1°S	721060	0	341	3709	420	3630	AV. OFFSET = 142.3
406	3644	22:39	77					11.3	10.3	9.7	0-3°P							B.O.L noise R/N: 105
456	3594	22:47	78	467	BR			11.3	10.1	9.4	1-3°P	721061	1	421	3629	500	3547	NOTE: FSN Recorded on tape was 3941
506	3541	22:56	80	468	BR			10.7	10.1	9.7	1-9°P	721062	2	501	3546	539	3508	it should be 3946.
539	3508	23:00	78	469	BR			11.3	10.3	9.7								R/N 268 → 300 traces 12, 13, 14 are dead
				470	BR													mis shot shotpt nos: 3769, 3767
																		SP RN
																		3771 281
																		3770 282
																		3769 mis-shot
																		3768 283
																		3767 mis-shot
																		3766 284 BR
																		3765 285 BR
																		3764 286
																		S.P's 3584, 3582 + 3580 MISSED
																		RN's 480, 481 TR 12-15 DEAD

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0888A-08B

DATE : 10 AUG. 1988

F.S.P. : 3806

L.S.P. : 3508

TOTAL SPS : 3792

F.G.S.P. : 3649

F.R.N. : 101

L.R.N. : 3890

TOTAL KMS : 94.800

FIRST REEL : 721063

LAST REEL : 721112

NO OF REELS: 50

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

257.3 DEG.

S

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 137 Metres  
STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -3591 & 3589 (PLEASE SEE ATTACHED SHEET)

FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

\*\*\*\*\* NOTE \*\*\*\*\*

SHOTPT NO.	RECORD NO.	EDIT
3594	313	GOOD
3593	314	BAD
3592	315	GOOD
3591		MISS
3590	316	BAD
3589		MISS
3588	317	GOOD
3587	318	GOOD
3586	319	GOOD
3585	320	GOOD
3584	321	GOOD
3583	322	BAD
3582	323	GOOD

Due to SCS Re-boot the CMS link failed.  
Therefore from shotpoint number 3594 to shotpoint number 3533  
have to be re-numbered by -2  
ie: 3588 is really 3586

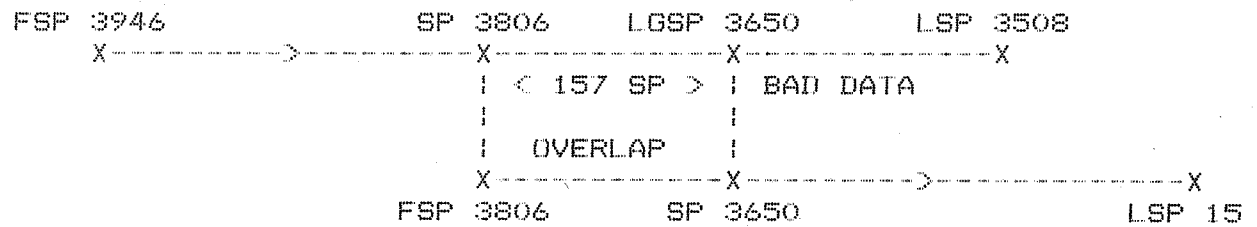
At shotpoint 3530 it was manually input and shotpoints  
are now correct.

OVERLAP DIAGRAM

LINE NO. 0S88A-08A

I.D. 1008

DIR. 257.1 DEG.



LINE NO. 0S88A-08B

I.D. 2008

DIR. 257.3 DEG.

COMMENTS

LINE 0S88A-08 TERMINATED DUE TO CMS 980B IDLE.

LINE 0S88A-08A TERMINATED DUE TO DATA TIMING SHIFTS.

LINE 0S88A-08B COMPLETE.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <b>SHELL</b>		PROSPECT: <b>VIC P28</b>		RECORD LENGTH: <b>6 sec</b>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: <b>10 AUGUST 1988</b>				VESSEL: <b>M/V MAG CREEK</b>		LINE: <b>0588A-088ID = 2008</b>		SAMPLE RATE: <b>2ms</b>		GUN DELAY: 51.2ms			
PAGE <b>1</b> OF <b>4</b>				PARTY: <b>2993</b>		DIRECTION: <b>257.3°</b>		TRACES: <b>300+12</b>		OPERATOR: <b>RPH/HA/C.H.</b>			

												FIELD TAPE ENTRY						
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER				FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS	
				REC.N	TYPE	HIGH	AV	LOW										
101	3806	09:25	79			10.4	9.9	9.7		2.4°p	721063	0	101	3806				
151	3756	09:33	80			10.1	9.8	9.4		0.7°p	721064	1	176	3731				
201	3706	09:40	78			10.4	10.0	9.7		0.7°p	721065	2	256	3651				
251	3656	09:47	79	SEE NOTE ATTACHED		10.4	9.9	9.7		1.1°p	721066	0	336	3571				
301	3606	09:55	79	<del>3.1°p</del>		10.1	10.0	9.7		1.4°p	721067	1	416	3489				
351	3556	10:04	79	<del>3.1°p</del>		10.4	10.0	9.4		1.6°p	721068	2	496	3409				
401	3504	10:10	79	<del>3.1°p</del>		10.1	10.0	9.1		1.9°p	721069	0	576	3329				
451	3454	10:17	79			10.4	10.1	9.7		1.7°p	721070	1	656	3249				
501	3404	10:25	80			10.1	9.9	9.7		1.4°p	721071	2	736	3169				
551	3354	10:32	81			10.1	9.7	9.1		1.8°p	721072	0	816	3089				
601	3304	10:40	79			10.1	10.0	9.7		1.3°p	721073	1	896	3009				
651	3254	10:47	79			10.7	10.1	9.1		1.6°p	721074	2	976	2929				
701	3204	10:54	81			10.4	10.0	9.7		1.2°p	721075	0	1056	2849				
751	3154	11:02	79			10.4	10.0	9.7		1.0°p								
801	3104	11:09	79			10.1	9.8	9.4		1.7°p	721076	1	1136	2769				
851	3054	11:16	79			10.1	10.0	9.7		0.2°p								
901	2954	11:31	78			11.0	10.0	9.7		0.5°p	CONT. ON NEXT PAGE							
1001	2904	11:38	78			10.4	9.9	9.1		0.7°p								
1051	2854	11:45	76			11.0	10.0	9.7		1.3°p								
1101	2804	11:53	76			10.7	10.0	9.4		0.7°p								
1151	2754	12:00	77			10.7	10.1	9.7		0.8°p								
1201	2704	12:07	77			10.4	9.9	9.7		1.4°p								

R.N. GUN TO ONSET OFFSET  
 96 95 SL-3ms 136 133.3  
 97 255 3652  
 98 9p SL-4ms 140 139.0  
 99 25p SL-5ms 140 139.15  
 AV. OFFSET = 137.15

100 BOL NOISE  
 EOL NOISE

~~SWOT POINTS NUMBERED FROM 3530 TO 3535 ARE CORRECT VALUES FOR THE 6MS INTERFERENCE SWOT POINTS. 3530 SHOULD BE 3531 FOR EXPLANATION PLEASE SEE ATTACHED NOTES~~

OCCASIONAL SWELL BURSTS ALONG STREAMER.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P28				RECORD LENGTH: 6 sec				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD			
DATE: 10 AUGUST 88				VESSEL: MAG CREEK		LINE: 0588A-08B ID = 2008				SAMPLE RATE: 2 ms				GUN DELAY: 51.2mS							
PAGE 2 OF 4				PARTY: 2993		DIRECTION: 257.3°				TRACES: 300+12				OPERATOR: HA / C.H.							

														FIELD TAPE ENTRY						COMMENTS
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.		
				REC.N	TYPE	H1	AY	LO												
1251	2654	12:15	77					10.1	10.0	9.4			1.5°P	721077	2	1216	2689	1295	2610	
1301	2604	12:22	77					10.4	10.1	9.7			1.8°P							
1351	2554	12:29	77					10.1	10.0	9.7			1.7°P	721078	0	1296	2609	1375	2530	
1401	2504	12:36	77					10.7	10.0	9.7			1.2°P	721079	1	1376	2529	1455	2450	
1451	2454	12:44	78					11.0	10.2	9.7			1.7°P							
1501	2404	12:51	77					10.7	9.9	9.7			1.6°P	721080	2	1456	2449	1535	2370	
1551	2354	12:59	77					10.7	10.0	9.7			1.8°P	721081	0	1536	2369	1615	2290	
1601	2304	13:06	79					10.4	10.1	9.7			1.1°P							
1651	2254	13:13	77					10.1	9.8	9.1			1.3°P	721082	1	1616	2289	1695	2210	
1701	2204	13:20	78					10.4	9.9	9.4			1.2°P	721083	2	1696	2209	1775	2130	
1751	2154	13:28	76					11.0	10.1	9.4			2.0°P							
1801	2104	13:35	79					10.4	9.8	9.4			2.3°P	721084	0	1776	2129	1855	2050	
1851	2054	13:43	77					11.0	10.2	9.7			2.7°P							
1901	2004	13:50	77					10.7	9.9	9.7			2.1°P	721085	1	1856	2049	1935	1970	
1951	1954	13:57	78					11.3	10.1	9.7			2.8°P	721086	2	1936	1969	2015	1890	
2001	1904	14:05	77					11.0	9.9	9.4			2.4°P	721087	0	2016	1889	2016	1889	
2051	1854	14:12	78	2016	BR			10.1	9.9	9.7			2.3°P	721088	1	2017	1888	2096	1809	
2101	1804	14:19	78					11.0	10.2	9.4			1.5°P	721089	2	2097	1808	2176	1729	
2151	1754	14:27	79					10.1	9.8	9.7			0°	721090	0	2177	1728	2177	1728	
2201	1704	14:34	80	2177	BR			11.3	10.4	9.4			1.0°P	721091	1	2178	1727	2257	1648	
2251	1654	14:41	80					11.0	10.1	9.7			1.3°P	CONT. ON NEXT PAGE						

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHELL</i>				PROSPECT: <i>VIC P28</i>				RECORD LENGTH: <i>6 sec</i>				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD			
DATE: <i>10 AUGUST 88</i>				VESSEL: <i>MAGCREEK</i>				LINE: <i>0588A-08BD = 2008</i>				SAMPLE RATE: <i>2 ms</i>				GUN DELAY: 51.2ms							
PAGE <i>3</i> OF <i>4</i>				PARTY: <i>2993</i>				DIRECTION: <i>257.3°</i>				TRACES: <i>300 + 12</i>				OPERATOR: <i>HA / C.H.</i>							

														FIELD TAPE ENTRY						COMMENTS
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.		
				REC.N	TYPE															
								<i>Hi</i>		<i>AV</i>		<i>Lo</i>								
<i>2301</i>	<i>1604</i>	<i>14:48</i>	<i>76</i>					<i>11.9</i>		<i>10.1</i>		<i>9.1</i>	<i>1.0°P</i>	<i>721092</i>	<i>2</i>	<i>2258</i>	<i>1647</i>	<i>2337</i>	<i>1528</i>	
<i>2351</i>	<i>1534</i>	<i>14:56</i>	<i>77</i>					<i>10.7</i>		<i>9.7</i>		<i>9.1</i>	<i>1.7°P</i>							
<i>2401</i>	<i>1504</i>	<i>1504</i>	<i>77</i>					<i>10.4</i>		<i>10.1</i>		<i>9.7</i>	<i>3.0°P</i>	<i>721093</i>	<i>0</i>	<i>2338</i>	<i>1567</i>	<i>2417</i>	<i>1488</i>	
<i>2451</i>	<i>1454</i>	<i>1511</i>	<i>78</i>					<i>11.0</i>		<i>10.4</i>		<i>9.7</i>	<i>1.6°P</i>	<i>721094</i>	<i>1</i>	<i>2418</i>	<i>1487</i>	<i>2497</i>	<i>1408</i>	
<i>2501</i>	<i>1404</i>	<i>1519</i>	<i>79</i>					<i>10.4</i>		<i>9.8</i>		<i>9.1</i>	<i>1.6°P</i>	<i>721095</i>	<i>2</i>	<i>2498</i>	<i>1407</i>	<i>2577</i>	<i>1328</i>	
<i>2551</i>	<i>1354</i>	<i>1526</i>	<i>78</i>					<i>10.4</i>		<i>10.0</i>		<i>9.7</i>	<i>2.5°P</i>							
<i>2601</i>	<i>1304</i>	<i>1534</i>	<i>78</i>					<i>10.7</i>		<i>9.9</i>		<i>9.1</i>	<i>0.7°S</i>	<i>721096</i>	<i>0</i>	<i>2578</i>	<i>1327</i>	<i>2657</i>	<i>1248</i>	
<i>2651</i>	<i>1254</i>	<i>1542</i>	<i>77</i>					<i>11.3</i>		<i>10.0</i>		<i>9.4</i>	<i>0.8°S</i>							
<i>2701</i>	<i>1204</i>	<i>1550</i>	<i>78</i>					<i>11.6</i>		<i>10.0</i>		<i>9.1</i>	<i>0</i>	<i>721097</i>	<i>1</i>	<i>2658</i>	<i>1247</i>	<i>2737</i>	<i>1168</i>	
<i>2751</i>	<i>1154</i>	<i>1558</i>	<i>79</i>					<i>11.3</i>		<i>10.2</i>		<i>9.7</i>	<i>0.6°P</i>	<i>721098</i>	<i>2</i>	<i>2738</i>	<i>1167</i>	<i>2817</i>	<i>1088</i>	
<i>2801</i>	<i>1104</i>	<i>16:05</i>	<i>77</i>					<i>10.4</i>		<i>9.9</i>		<i>9.7</i>	<i>1.6°P</i>	<i>721099</i>	<i>0</i>	<i>2818</i>	<i>1087</i>	<i>2897</i>	<i>1008</i>	
<i>2851</i>	<i>1054</i>	<i>16:13</i>	<i>78</i>					<i>10.7</i>		<i>9.7</i>		<i>8.8</i>	<i>2.1°P</i>							
<i>2901</i>	<i>1004</i>	<i>16:21</i>	<i>76</i>					<i>10.4</i>		<i>9.9</i>		<i>9.4</i>	<i>1.6°P</i>	<i>721100</i>	<i>1</i>	<i>2898</i>	<i>1007</i>	<i>2977</i>	<i>928</i>	
<i>2951</i>	<i>954</i>	<i>16:29</i>	<i>77</i>					<i>10.4</i>		<i>10.0</i>		<i>9.7</i>	<i>1.5°P</i>	<i>721101</i>	<i>2</i>	<i>2978</i>	<i>927</i>	<i>3057</i>	<i>848</i>	
<i>3001</i>	<i>904</i>	<i>16:36</i>	<i>78</i>					<i>10.4</i>		<i>10.1</i>		<i>9.4</i>	<i>1.6°P</i>							
<i>3051</i>	<i>854</i>	<i>16:44</i>	<i>75</i>					<i>10.1</i>		<i>9.9</i>		<i>9.4</i>	<i>1.4°P</i>	<i>721102</i>	<i>0</i>	<i>3058</i>	<i>847</i>	<i>3137</i>	<i>768</i>	
<i>3101</i>	<i>804</i>	<i>16:52</i>	<i>77</i>					<i>10.4</i>		<i>9.9</i>		<i>9.7</i>	<i>0.8°P</i>	<i>721103</i>	<i>1</i>	<i>3158</i>	<i>767</i>	<i>3217</i>	<i>688</i>	
<i>3151</i>	<i>754</i>	<i>17:00</i>	<i>75</i>					<i>10.4</i>		<i>10.0</i>		<i>9.7</i>	<i>1.2°P</i>							
<i>3201</i>	<i>704</i>	<i>17:08</i>	<i>72</i>					<i>10.4</i>		<i>9.9</i>		<i>9.7</i>	<i>1.4°P</i>	<i>721104</i>	<i>2</i>	<i>3218</i>	<i>687</i>	<i>3297</i>	<i>608</i>	
<i>3251</i>	<i>654</i>	<i>1717</i>	<i>71</i>					<i>10.4</i>		<i>10.0</i>		<i>9.4</i>	<i>1.7°P</i>							
<i>3301</i>	<i>604</i>	<i>1725</i>	<i>71</i>					<i>10.1</i>		<i>9.8</i>		<i>9.4</i>	<i>0.4°P</i>							

**C.** MAT. SEG D S.P. SHOT POINT A

44-01-4-2-2 USA



M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0888A-09

DATE : 02 AUG. 1988

F.S.P. : 1732

L.S.P. : 021

TOTAL SPS : 1712

F.R.N. : 101

L.R.N. : 1812

TOTAL KMS : 42.800

FIRST REEL : 706203

LAST REEL : 706224

NO OF REELS: 22

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

167.8 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with FGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 121 Metres  
STREAMER DEPTH : 12.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES: - 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE				VESSEL : M/V MAG CREEK				LINE:OS88A- I.D.				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE 2 AUG-88				PARTY : 2993				DIRECTION : 09 TRUE				TRACES : 300 + 12 Aux				OPERATOR :			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	HI	AV	LO	FEATH ANGLE	TAPE NOS	TP	FRN	FSP	LRN	LSP	COMMENTS			
101	1732	01:00	44	146	B/R	11.4	11.6	10.4	18.1°P	706203	0	101	1732	173	1658	RN GUN TD ONSET OFFSET			
151	1682	01:04	50			12.2	11.4	10.9	4.6°P	706204	1	176	1658	255	1578	96 95 51.3 128 121.4			
201	1632	01:17	65			12.2	11.6	11.0	1.6°P							97 235 51.3 128 121.4			
251	1582	01:25	71			12.2	11.6	11.3	1.5°P	706205	2	256	1577	335	1498	98 90 51.4 128 121.2			
301	1532	01:33	71			11.4	11.5	11.0	2.1°P	706206	0	336	1497	413	1418	99 23P 51.4 128 121.2			
351	1482	01:41	76			11.9	11.7	11.3	2.2°P										
401	1432	01:48	76			11.9	11.5	11.3	2.6°P	706207	1	416	1417	495	1338	AV OFFSET 121.3			
451	1382	01:56	78			12.2	11.6	11.0	3.0°P							100 BOL NOISE			
501	1332	02:04	79			12.2	11.7	11.3	2.9°P	706208	2	496	1337	575	1258	1813 EOL NOISE			
551	1282	02:12	79			11.9	11.5	11.3	1.9°P	706209	0	576	1237	655	1178	* NOISEY RECORD FOR A.T. CABLE			
601	1232	02:19	78			11.6	11.5	11.3	0.6°P							NOT COMPLETELY STRAIGHT AT			
651	1182	02:27	78			11.9	11.5	10.7	0.8°P	706210	1	656	1177	735	1098	B.O.L.			
701	1132	02:34	79			11.9	11.7	11.3	0.3°S	706211	2	736	1097	815	1018	OCCASIONAL SWELL BURSTS			
751	1082	02:42	81			11.9	11.6	11.3	1.0°S										
801	1032	02:50	79			12.2	11.7	11.3	1.3°S	706212	0	816	1017	895	938	LAST SPX 21			
851	982	02:57	79			12.2	11.7	11.3	1.7°S							FILE 1812			
901	932	03:04	80			12.2	11.6	11.0	1.6°S	706213	1	896	937	975	858	TAPE 706224			
951	882	03:12	80			12.5	11.8	11.3	1.3°S	706214	2	976	857	1035	778				
1001	832	03:20	76			11.9	11.6	11.3	0.8°S										
1051	782	03:27	76			11.9	11.6	11.0	1.7°S	706215	0	1056	777	1135	698				
1101	732	03:35	77			11.4	11.6	11.6	2.7°S										
1151	682	03:42	78			11.9	11.6	11.3	3.7°S	706216	1	1136	697	1215	618				
1201	632	03:50	78			11.9	11.6	11.3	3.5°S										
1251	582	03:57	78			11.9	11.7	11.3	3.9°S	706217	2	1216	617						
1301	532	04:04	79			11.9	11.6	11.3	5.4°S										

PO-A 2820

MARINE FIELD DATA		CLIENT : SHELL		PROSPECT : OTWAY VIC/P-28		RECORD LENGTH : 6 Sec.		FORMAT : SEG D								
DATE 02 AUG 88		VESSEL : M/V MAG CREEK		LINE:OS88A- 9 I.D. 9		SAMPLE RATE : 2 Msec		GUN DELAY : 51.2 Msec								
PAGE 2 of 2.		PARTY : 2993		DIRECTION : 16789 TRUE		TRACES : 300 + 12 Aux		OPERATOR : m & NB								
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
1351	482	04:13	76			11.9	11.6	11.3	6.8°S	706218	0	1296	537	1375	458	
1401	432	04:20	77			11.9	11.7	11.3	6.5°S	706219	1	1376	457	1455	378	
1451	382	04:27	76			11.9	11.8	11.6	6.3°S	706220	2	1456	377	1535	298	
1501	332	04:35	78			11.9	11.7	11.3	6.4°S	706221	0	1535	297	1615	218	
1551	282	04:42	79			11.9	11.6	11.3	6.2°S							
1601	232	04:49	76			11.9	11.7	11.3	6.6°S	706222	1	1616	287	1695	138	
1651	182	04:57	77			11.9	11.6	11.3	7.2°S							
1701	132	05:04	77			11.9	11.4	10.7	7.1°S	706223	2	1696	137	1775	58	
1751	82	05:12	79			11.9	11.5	11.0	6.9°S							
1801	32	05:19	81			11.9	11.6	11.3	7.2°S	706224	0	1776	57	1812	21	
1812	21	05:21	81			11.9	11.5	11.0	7.1°S							

14-01-4-2-2-18A

ABN 5-8-10-41

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0888A-10

DATE : 04 AUG. 1988

F.S.P. : 4272

L.S.P. : 019

TOTAL SPS : 4254

F.R.N. : 101

L.R.N. : 4354

TOTAL KMS : 106.35

FIRST REEL : 720936

LAST REEL : 720991

NO OF REELS: 56

RECORD LENGTH : 6 Seconds  
 RECORD DELAY : 0 Seconds  
 SAMPLE RATE : 2 Milliseconds  
 FILTERS HIGH : 128/72  
 LOW : 8/18  
 RECORDING FORMAT : SEG D  
 PACKING DENSITY : 6250 BPI  
 PREAMP GAIN : Low  
 RECORD GAIN MODE : IFF  
 REPRODUCE MODE : Defloat with PGC

## DIRECTION

N

257.1 DEG.

S

AIRGUN TYPE : VSX SLEEVE  
 AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
 AIRGUN ARRAY VOL. : 2180 cubic inches  
 AIRGUN PRESSURE : 1800 PSI  
 AIRGUN DEPTH : 6 Metres  
 TIMING DELAY : 51.2 Milliseconds  
 TRACE MIX : 1:1 Traces 001-300  
 TOTAL CHANNELS : 312  
 AUX. CHANNELS : 301-312  
 DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
 SKIN : P.U.  
 STREAMER LENGTH : 3750 Metres  
 GROUP INTERVAL : 12.5 Metres  
 SHOTPOINT INTERVAL : 25.0 Metres  
 OFFSET : 128 Metres  
 STREAMER DEPTH : 10.4 Metres

## LEVELLER/COMPASS LOCATIONS:

TRACES: - 1, 49, 73, 97, 121,  
 181, 205, 229, 253,  
 277, 295.

PRIMARY NAV SYS : SYLEDIS  
 FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
 COMPASSES EXCLUDED: -NIL.  
 LINE STATUS : -COMPLETE.  
 MISSED SHOTPOINTS : -NIL.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHELL</i>		PROSPECT: <i>Vic / P28</i>		RECORD LENGTH: <i>6 Sec</i>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: <i>4<sup>th</sup> AUGUST '88</i>				VESSEL: <i>M/V MAG CRÉER</i>		LINE: <i>OS88A-10</i> ID = <i>10</i>		SAMPLE RATE: <i>2 MSec</i>		GUN DELAY: 51.2ms			
PAGE <i>1 of 4</i>				PARTY: <i>2993</i>		DIRECTION: <i>257.1°</i>		TRACES: <i>300 + 12</i>		OPERATOR <i>C.H. + HA</i>			

														FIELD TAPE ENTRY						
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS	
				REC.N	TYPE	H1	AV	L0												
101	4272	1909	74					11.0	10.4	10.1			0.5°P	720936	0	101	4272	175	4198	RN GUN TO ONSET OFFSET
151	4222	1916	72					11.0	10.6	10.4			1.3°P							
201	4172	1924	68					10.7	10.5	10.1			1.1°P	720937	1	176	4199	255	4118	96 9S 51.3 130ms 124.3m 97 25S 51.4 134ms 130.15m 98 9P 51.3 136ms 130.3m 99 25P 51.4 174ms —
251	4122	1932	69					10.7	10.4	10.1			0.9°P	720938	2	256	4117	335	4038	
301	4072	1940	71					11.0	10.7	10.4			0.1°S							100 B.O.L. NOISE AV. OFFSET = 128.25m
351	4022	1947	73					11.3	10.6	10.1			0.6°P	720939	0	336	4037	415	3958	SOME SWELL BURSTS
401	3972	1955	75					11.0	10.5	10.1			0.7°P							4355 E.O.L. NOISE
451	3922	2002	76					10.4	10.6	10.7			0.4°P	720940	1	416	3957	495	3878	
501	3872	2010	76					10.1	10.5	11.0			1.4°P	720941	2	496	3879	575	3798	
551	3822	2017	78					10.9	10.4	10.7			1.3°P							
601	3772	2025	78					10.1	10.5	11.0			0.7°P	720942	0	576	3797	655	3718	
651	3722	2032	76					9.7	10.4	11.0			1.2°P	720943	1	656	3717	735	3638	
701	3652	2043	77					10.1	10.5	11.0			1.3°P							
751	3622	2048	77					9.7	10.5	11.0			1.4°P	720944	2	736	3637	815	3558	
801	3572	2056	77					10.4	10.8	11.3			0.4°P	720945	0	816	3557	895	3478	
851	3522	2104	76					11.0	10.5	10.1			1.1°P							
901	3472	2112	77					11.3	10.7	10.4			0.5°P	720946	1	896	3477	975	3398	
951	3422	2120	77					11.3	10.7	10.1			0.8°P							
1001	3372	2127	76					11.3	10.6	10.4			0.7°P	720947	2	976	3397	1055	3318	
1051	3322	2135	77					11.0	10.6	10.4			1.4°P							
1101	3272	2143	75					11.0	10.4	10.1			1.2°P	720948	0	1056	3317	1135	3238	

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHKLL</i>		PROSPECT: <i>VIC/P28</i>		RECORD LENGTH: <i>6 Sec</i>		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: <i>4<sup>th</sup> AUGUST 88</i>				VESSEL: <i>M/V MAG CRK K</i>		LINE: <i>OS88A-10ID = 10</i>		SAMPLE RATE: <i>2 MSec</i>		GUN DELAY: 51.2mS			
PAGE <i>2</i> OF <i>4</i>				PARTY: <i>2993</i>		DIRECTION: <i>257.1°</i>		TRACES: <i>300 + 12</i>		OPERATOR: <i>C.H. + HA</i>			

														FIELD TAPE ENTRY						
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS	
				REC N	TYPE	H1	AV	10												
<i>1151</i>	<i>3222</i>	<i>2151</i>	<i>77</i>					<i>11.3</i>	<i>10.7</i>	<i>10.4</i>			<i>1.7°P</i>	<i>720949</i>	<i>1</i>	<i>1136</i>	<i>3237</i>	<i>1215</i>	<i>3158</i>	
<i>1201</i>	<i>3172</i>	<i>2159</i>	<i>77</i>					<i>11.0</i>	<i>10.5</i>	<i>10.4</i>			<i>2.8°P</i>	<i>720950</i>	<i>2</i>	<i>1216</i>	<i>3157</i>	<i>1295</i>	<i>3078</i>	<i>Auto fires</i>
<i>1251</i>	<i>3122</i>	<i>22:06</i>	<i>76</i>					<i>11.3</i>	<i>10.7</i>	<i>10.1</i>			<i>1.7°P</i>							<i>shot pt nos: 2955, 2954, 2953,</i>
<i>1301</i>	<i>3072</i>	<i>22:13</i>	<i>78</i>					<i>10.7</i>	<i>10.4</i>	<i>10.1</i>			<i>1.7°P</i>	<i>720951</i>	<i>0</i>	<i>1296</i>	<i>3077</i>	<i>1375</i>	<i>2998</i>	<i>2952, 2951, 2950</i>
<i>1351</i>	<i>3022</i>	<i>22:21</i>	<i>79</i>					<i>11.6</i>	<i>10.9</i>	<i>9.7</i>			<i>1.2°P</i>							<i>(see Rec nos: 1418, 1419, 1420,</i>
<i>1401</i>	<i>2972</i>	<i>22:29</i>	<i>76</i>	<i>1418</i>	<i>AF</i>			<i>11.0</i>	<i>10.5</i>	<i>10.1</i>			<i>2.6°P</i>	<i>720952</i>	<i>1</i>	<i>1376</i>	<i>2997</i>	<i>1455</i>	<i>2918</i>	<i>1421, 1422, 1423)</i>
<i>1451</i>	<i>2922</i>	<i>22:36</i>	<i>78</i>	<i>1419</i>	<i>AF</i>			<i>11.3</i>	<i>10.6</i>	<i>10.4</i>			<i>3.1°P</i>	<i>720953</i>	<i>2</i>	<i>1456</i>	<i>2917</i>	<i>1535</i>	<i>2838</i>	
<i>1501</i>	<i>2872</i>	<i>22:44</i>	<i>77</i>	<i>1420</i>	<i>AF</i>			<i>11.0</i>	<i>10.4</i>	<i>10.1</i>			<i>2°P</i>							
<i>1551</i>	<i>2822</i>	<i>22:52</i>	<i>78</i>	<i>1421</i>	<i>AF</i>			<i>11.3</i>	<i>10.6</i>	<i>10.1</i>			<i>2.3°P</i>	<i>720954</i>	<i>0</i>	<i>1536</i>	<i>2837</i>	<i>1536</i>	<i>2837</i>	
<i>1601</i>	<i>2772</i>	<i>23:00</i>	<i>78</i>	<i>1422</i>	<i>AF</i>			<i>11.0</i>	<i>10.4</i>	<i>10.1</i>			<i>3.3°P</i>	<i>720955</i>	<i>1</i>	<i>1537</i>	<i>2836</i>	<i>1616</i>	<i>2757</i>	
<i>1651</i>	<i>2722</i>	<i>23:08</i>	<i>79</i>	<i>1423</i>	<i>AF</i>			<i>11.0</i>	<i>10.5</i>	<i>10.4</i>			<i>2.3°P</i>	<i>720956</i>	<i>2</i>	<i>1617</i>	<i>2756</i>	<i>1696</i>	<i>2677</i>	
<i>1701</i>	<i>2672</i>	<i>23:15</i>	<i>79</i>	<i>1536</i>	<i>BR</i>			<i>10.7</i>	<i>10.4</i>	<i>10.1</i>			<i>2.4°P</i>	<i>720957</i>	<i>0</i>	<i>1697</i>	<i>2676</i>	<i>1776</i>	<i>2597</i>	
<i>1751</i>	<i>2622</i>	<i>23:23</i>	<i>78</i>					<i>10.7</i>	<i>10.4</i>	<i>9.7</i>			<i>1.8°P</i>	<i>720958</i>	<i>1</i>	<i>1777</i>	<i>2596</i>	<i>1856</i>	<i>2517</i>	
<i>1801</i>	<i>2572</i>	<i>23:31</i>	<i>78</i>	<i>1857</i>	<i>BR</i>			<i>11.9</i>	<i>10.7</i>	<i>10.1</i>			<i>2.0°P</i>	<i>720959</i>	<i>2</i>	<i>1857</i>	<i>2516</i>	<i>1857</i>	<i>2516</i>	
<i>1851</i>	<i>2522</i>	<i>23:39</i>	<i>78</i>					<i>10.7</i>	<i>10.3</i>	<i>9.7</i>			<i>2.6°P</i>							
<i>1901</i>	<i>2472</i>	<i>23:46</i>	<i>78</i>					<i>12.2</i>	<i>11.4</i>	<i>9.7</i>			<i>1.7°P</i>	<i>720960</i>	<i>0</i>	<i>1858</i>	<i>2515</i>	<i>1937</i>	<i>2436</i>	
<i>1951</i>	<i>2422</i>	<i>23:53</i>	<i>78</i>					<i>11.9</i>	<i>10.9</i>	<i>8.8</i>			<i>2.2°P</i>	<i>720961</i>	<i>1</i>	<i>1938</i>	<i>2435</i>	<i>2017</i>	<i>2356</i>	
<i>2051</i>	<i>2322</i>	<i>00:09</i>	<i>77</i>					<i>11.6</i>	<i>11.1</i>	<i>10.4</i>			<i>2.6°P</i>	<i>720962</i>	<i>2</i>	<i>2018</i>	<i>2355</i>	<i>2097</i>	<i>2276</i>	
<i>2101</i>	<i>2272</i>	<i>00:17</i>	<i>76</i>					<i>11.6</i>	<i>10.9</i>	<i>9.4</i>			<i>2.3°P</i>	<i>720963</i>	<i>0</i>	<i>2098</i>	<i>2275</i>	<i>2177</i>	<i>2186</i>	
<i>2151</i>	<i>2222</i>	<i>00:25</i>	<i>76</i>					<i>11.6</i>	<i>11.1</i>	<i>10.7</i>			<i>1.8°P</i>	<i>720964</i>	<i>1</i>	<i>2176</i>	<i>2195</i>	<i>2257</i>	<i>2116</i>	
<i>2201</i>	<i>2172</i>	<i>00:33</i>	<i>76</i>					<i>11.6</i>	<i>10.9</i>	<i>10.7</i>			<i>2.0°P</i>							

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P/28		RECORD LENGTH: 6 sec		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD	
DATE: 5 <sup>th</sup> AUGUST 1988				VESSEL: M/V MAG CREEK		LINE: 0588A-10 ID = 10		SAMPLE RATE: 2 msec		GUN DELAY: 51.2mS			
PAGE 3 OF 4				PARTY: 2993		DIRECTION: 257.1°		TRACES: 300+12		OPERATOR: RPH			

												FIELD TAPE ENTRY							
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS
				REC.N	TYPE	HI	AV	LO											
2251	2122	00:40	77			11.3	11.1	8.8				1.5°P	720965	2	2258	2115			
2301	2072	00:48	77			11.9	10.7	8.2				1.5°P	720966	0	2338	2035	2337	2036	
2351	2022	00:56	77			11.6	10.8	8.8				1.5°P	720967	1	2418	1955	2417	1956	
2401	1972	01:04	76			11.3	10.4	9.4				2.2°P	720968	2	2498	1875	2497	1876	
2451	1922	01:12	78			11.0	10.6	7.3				2.7°P	720969	0	2578	1795	2577	1796	
2501	1872	01:20	77			11.0	10.5	7.3				2.6°P	720970	1	2658	1715	2657	1716	
2551	1822	01:28	77			11.3	10.8	8.8				2.3°P	720971	2	2738	1635	2737	1636	
2601	1772	01:36	78			11.9	11.1	9.4				1.6°P	720972	0	2818	1555	2817	1556	
2651	1722	01:44	78			11.3	10.7	9.4				0.4°P	720973	1	2898	1475	2897	1476	
2701	1672	01:52	79			11.6	11.0	10.6				0.2°P	720974	2	2978	1395	2977	1396	
2751	1622	02:00	78			11.3	10.9	9.4				0.2°P	720975	0	3058	1315	3057	1316	
2801	1572	02:09	79			11.3	10.9	10.1				0.7°S	720976	1	3138	1235	3137	1236	
2851	1522	02:17	78			11.6	10.7	9.4				0.0°P	720977	2	3218	1155	3217	1156	
2901	1472	02:24	78			12.8	11.5	10.7				0.1°P	720978	0	3298	1075	3297	1076	
2951	1422	02:33	78			12.2	11.3	10.7				1.0°S							
3001	1372	02:42	77			11.6	10.7	9.7				0.5°S							
3051	1322	02:50	78			11.9	10.8	8.5				0.3°P							
3101	1272	02:58	78			12.2	11.2	10.4				0.3°S							
3151	1222	03:06	77			11.3	10.8	9.7				1.3°P							
3201	1172	03:14	78			11.6	10.9	9.7				0.9°S							
3251	1122	03:22	77			11.6	10.9	10.1				0.6°S							
3301	1072	03:30	78			11.6	11.0	10.1				1.5°S							



01-42222

0-0-4-2-2 200



M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-11

DATE : 31 JULY 88

F.S.P. : 2428

L.S.P. : 1180

TOTAL SPS : 1249

F.R.N. : 101

L.R.N. : 1349

TOTAL KMS : 31.225

FIRST REEL : 706090

LAST REEL : 706105

NO OF REELS: 16

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

S

167.8 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 11.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.  
LINE TERMINATED EARLY DUE TO EXCESSIVE SWELL NOISE.

~~PROCESS SPS 2428 - 1180~~ ON 02 AUG THIS LINE WAS PARTIALLY RESHOT  
STARTING AT SP 1728. PROCESS SPS 2428 TO 1579 ON LINE 0588A-11 ONLY

DO NOT PROCESS TAPES 706101 THRU 706105

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D					
DATE 31-July-88			VESSEL : M/V MAG CREEK			LINE:OS88A- 11 I.D.011			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec					
PAGE 1 of			PARTY : 2993			DIRECTION : 167.8 TRUE			TRACES : 300 + 12 Aux			OPERATOR : mr & NB.					
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS	
101	2428	06:36	49			13.4	10.9	8.8	21.3°P	706090	0	101	2428	175	2354	GUN TIME ONSET OFFSET RN	
151	2378	06:43	53			12.2	11.3	10.7	7.6°P	706092	1	176	2353	255	2274	95 51.0 128 121.8 96	
201	2328	06:51	58			12.2	10.9	10.4	2.9°P							255 48.3 130 128.8 97	
251	2278	06:58	60			12.2	11.2	10.4	0.8°P	706093	2	256	2273	335	2194	9P 51.0 130 124.7 98	
301	2228	07:06	71			11.6	10.9	10.1	0.5°P	706093	0	336	2193			25P 51.4 128 121.2 99	
351	2178	07:14	70			11.6	10.8	9.7	1.1°P					415	2114	AV OFFSET, 124.1	
401	2128	07:21	74			11.6	11.0	9.7	1.7°P	706094	1	416	2113			100 BOL NOISE	
451	2078	07:28	73			11.3	10.8	9.7	2.2°P					495	2034	1350 EOL NOISE	
501	2028	07:36	75			11.6	10.9	10.1	2.9°P	706095	2	496	2033			AT.BOL. ONLY FRONT HALF	
551	1978	07:44	77			11.6	11.0	10.4	3.3°P					575	1954	OF CABLE STRAIGHT.	
601	1928	07:51	77			12.2	11.0	10.1	4.0°P	706096	0	576	1953	655	1874	MULTITUDINOUS	
651	1878	07:59	76			11.9	10.9	10.1	3.6°P	706097	1	656	1873	735	1794	SURE BURSTS	
701	1828	08:07	78			11.3	10.7	10.1	3.8°P								
751	1778	08:15	78			11.6	10.8	10.1	3.8°P	706098	2	736	1793	815	1714	SPX 2350 CABLE BECAME	
801	1728	08:23	78			11.9	10.5	9.1	3.8°P							STRAIGHT(3.1 FA)	
851	1678	08:30	79			11.6	10.7	9.7	4.7°P	706099	0	816	1713	895	1634		
901	1628	08:38	78			11.3	10.9	9.4	5.6°P	706100	1	896	1633	975	1654	SP 1600 JESSEL NOISE ON	
951	1578	08:46	76			11.6	11.0	9.7	6.0°P	706101	2	976	1553	1055	1474	CABLE FROM ASTERN.	
1001	1528	08:54	77			11.6	10.9	9.4	6.1°P							SP 1525- 1470 JESSEL NOISE AT	
1051	1478	09:02	76			11.6	10.9	9.7	6.7°P	706102	0	1056	1473	1135	1394	MAXIMUM	
1101	1428	09:11	75			11.3	10.8	9.1	6.8°P	706103	1	1136	1393	1215	1314		
1151	1378	09:18	75			11.3	10.8	9.3	7.1°P							LAST FILEX 1349	
1201	1328	09:27	76			11.6	10.8	10.1	7.2°P	706104	2	1216	1313	1295	1234	11 SPX 1180	
1251	1278	09:35	75			11.6	10.7	9.7	8.7°P							11 TAPEX 706105	
1301	1228	09:43	75			12.2	11.2	8.7	8.7°P								

11-A 8820

[illegible]

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~SHEPHERD~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0588A-11A

DATE : 02 AUG. 1988

F.S.P. : 1728

L.S.P. : 019

TOTAL SPS : 1710

F.R.N. : 101

L.R.N. : 1810

TOTAL KMS : 42.750

FIRST REEL : 706244

LAST REEL : 706266

NO OF REELS: 23

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

167.8 DEGS.

S

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : Metres  
STREAMER DEPTH : 12.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

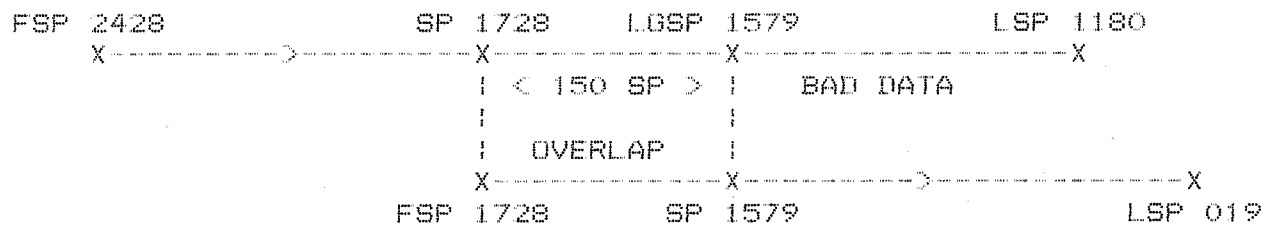
INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

OVERLAP DIAGRAM

LINE NO. 0S88A-11

I.D. 011

DIR. 167.8 DEG.



LINE NO. 0S88A-11A

I.D. 1011

DIR. 167.8 DEG.

COMMENTS

LINE 0S88A-11 TERMINATED DUE TO WEATHER CONDITIONS.

LINE 0S88A-11A COMPLETE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 2 AUGUST 1988			VESSEL : M/V MAG CREEK			LINE:OS88A-11A I.D. 1011			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 167.8° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	1728	12:57	78			11.9	11.5	11.0	6.7°p	706244	0	101	1728			
151	1678	13:04	80			11.9	11.6	10.7	7.5°p					175	1654	R.M. GUN TO ONSET OFFSET
201	1628	13:12	80			11.9	11.5	11.0	7.4°p	706245	1	176	1653	255	1574	96 1/2 51.1ms 128ms 121.6m
251	1578	13:20	80			11.9	11.5	11.0	7.4°p	706246	2	256	1573	335	1494	97 25s 50.8ms 130ms 125.05m
301	1528	13:27	78			11.9	11.6	11.3	6.6°p							98 9p 51.2ms 130ms 124.45m
351	1478	13:35	77			11.9	11.4	10.7	6.7°p	706247	0	336	1493	415	1414	99 25p 51.2ms 128ms 121.65m
401	1428	13:43	76			11.9	11.4	11.3	7.0°p	706248	1	416	1413	495	1334	100 BOL NOISE
451	1378	13:50	78			11.9	11.5	11.0	6.5°p	706249	2	496	1333	575	1254	1811 EOL NOISE
501	1328	13:58	76			11.9	11.6	11.0	6.2°p							
551	1278	14:05	76			11.9	11.7	11.6	6.7°p	706250	0	576	1253	655	1174	AV OFFSET = 123.1 m
601	1228	14:13	76			11.9	11.6	11.0	7.0°p	706251	1	656	1173	735	1094	
651	1178	14:20	76			11.6	11.4	11.0	7.8°p	706252	2	736	1093	815	1014	
701	1128	14:28	78			11.9	11.4	10.7	7.3°p							
751	1078	14:35	78			11.9	11.5	11.3	5.8°p	706253	0	816	1013	895	934	
801	1028	14:43	79			11.9	11.7	11.0	4.4°p	706254	1	896	933	975	854	
851	978	14:51	79			11.9	11.6	11.0	4.2°p	706255	2	976	853	1055	774	
901	928	14:58	79			11.9	11.6	11.3	3.4°p	706256	0	1056	773	1135	694	
951	878	15:06	77			11.9	11.5	11.0	2.4°p	706257	1	1136	693	1215	614	
1001	828	15:13	78			11.9	11.7	11.6	1.7°p	706258	2	1216	613	1295	534	
1051	778	15:21	78			12.2	11.6	11.3	1.6°p	706259	0	1296	533	1369	460	
1101	728	15:28	77			11.9	11.7	11.3	1.4°p							
1151	678	15:36	78	1189	BR	11.9	11.6	11.3	1.0°p							
1201	628	15:43	79	1190	BR	11.9	11.6	11.3	0.8°p							
1251	578	15:51	80			11.9	11.7	11.3	0.6°p							
1301	528	15:59	79	1312	BR	11.9	11.6	11.0	0.3°p							

ALL-9820

[illegible]

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~OTWAY~~ ~~STEEPSIDE~~ BASIN

PARTY NO : 2993

LINE NO : 0888A-12A

DATE : 04 AUG. 1988

F.S.P. : 1581

L.S.P. : 3806

TOTAL SPS : 2226

F.R.N. : 101

L.R.N. : 2323

TOTAL KMS : 55.650

\* # CHANGE

FIRST REEL : 706281

LAST REEL : 720929

NO OF REELS: 32

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

077.5 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 125 Metres  
STREAMER DEPTH : 12.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

PRIMARY NAV SYS : SYLEDIS

FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED  
MISSED SHOTPOINTS : -1947, 1951, 2356.

LINE TERMINATED 40 SHOTPOINTS EARLY DUE TO SHALLOW WATER DEPTHS.  
WESTERN END OF LINE STILL TO BE SHOT.



# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P28				RECORD LENGTH: 6sec				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR				A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD							
DATE: 4 AUGUST 1988				VESSEL: MIN MAG CREEK		LINE: 0588A-12AID = 1012				SAMPLE RATE: 2ms				GUN DELAY: 51.2ms				OPERATOR: RPH											
PAGE 1 OF 3				PARTY: 2993		DIRECTION: 77.5°				TRACES: 300+12																			
														FIELD TAPE ENTRY															
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS										
				REC.N	TYPE	HI	AV.	LO.																					
101	1581	09:03	75				11.0		10.9		10.4		1.1°p	706281	0	101	1581												
151	1631	09:11	75				11.3		11.0		11.0		0.9°p	706282	2	196	1656	175	1655										
201	1681	09:19	76				11.0		10.6		9.7		1.6°p	706283	0	256	1736	255	1735	R.N. GUN T.D. ONSET OFFSET									
251	1731	09:27	75				11.0		10.8		10.4		1.5°p	706284	1	336	1816	335	1815	96 95 51.3ms 130ms 124.3m									
301	1781	09:35	77				11.0		10.6		9.4		1.2°p	706285	2	416	1896	415	1895	97 255 51.2ms 132ms 127.45m									
351	1831	09:43	75				11.6		11.0		10.4		0.6°p	706286	0	496	1976	495	1977	98 98 51.4ms 128ms 121.15m									
401	1881	09:51	75				12.5		11.3		10.4		1.3°p	706287	1	576	2058	575	2057	99 25p 51.3ms 132ms 127.3m									
451	1931	09:59	77				11.0		10.8		9.7		0.9°p	706288	2	602	2084	601	2083	AV OFFSET = 125.05m									
501	1983	06:07	77	464	BR		11.3		11.0		10.4		0.6°p	706289	0	603	2085	602	2084	100 BOL NOISE									
551	2033	06:16	77	465	BR		11.6		11.2		10.7		0.6°p	706290	1	683	2165	682	2164	2324 EOL NOISE									
601	2083	06:24	76	466	BR		11.3		10.8		10.1		0.2°p	706291	2	763	2245	762	2244	OCCASIONAL SWELL BURSTS FROM BOL									
651	2133	06:32	77	467	BR		11.0		10.8		10.4		0.7°s	706292	0	843	2325	842	2324										
701	2183	06:40	77	468	BR		11.6		11.2		10.4		0.2°p	706293	1	923	2406	922	2405	R.N. S.P.N									
751	2233	06:48	77	470	BR		11.3		10.3		9.7		0.2°s	706294	2	1003	2486	1002	2485	466 1946									
801	2283	06:56	76	471	BR		12.5		11.3		10.4		0.7°p	706295	0	1083	2566	1082	2565	467 1948									
851	2333	07:04	77	869	BR		11.3		10.2		9.1		0.15°p	706296	1	1162	2645	1161	2644	468 1949									
901	2384	07:12	77	870	BR		11.6		10.9		10.7		1.0°p							469 1950									
951	2434	07:20	77	871	BR		11.3		10.7		9.7		0.3°s							470 1951									
1001	2484	07:28	76	872	BR		11.3		10.9		10.2		0.3°p							471 1952									
1051	2534	07:36	76	873	BR		11.0		10.6		10.4		0.3°p							MISSED DUE TO GROUND FAULT.									
1101	2584	07:44	77	874	BR		11.0		10.8		10.4		0.4°p							R.N. 869 8PN 2352									
1151	2634	07:52	75	875	BR		11.0		10.7		10.6		0.6°p							870 2353									
				876	BR															871 2354									
				877	BR															872 2355 SP 2356 MISSED.									
																				873 2356 2357									
																				874 2358									
																				875 2359									
																				876 2360									
																				877+878 2361 2362									
																				SCS CRASH DUE TO GROUND FAULT.									

# GEOPHYSICAL SERVICE INC.

[illegible]

AS-ASCO

LAST FILE # 2 2323  
LAST S.P # 3 806  
LINE COMPLETE TPROCESS

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0S88A-12B

DATE : 12 AUG. 1988

F.S.P. : 107

L.S.P. : 1741

TOTAL SPS : 1635

L.C.S.P. : 1580

F.R.N. : 107

L.R.N. : 1741

TOTAL KMS : 40.875

FIRST REEL : 721256

LAST REEL : 721304

NO OF REELS: 22

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION  
N  
348.0 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : ??? Metres  
STREAMER DEPTH : 10.5 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES: - 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

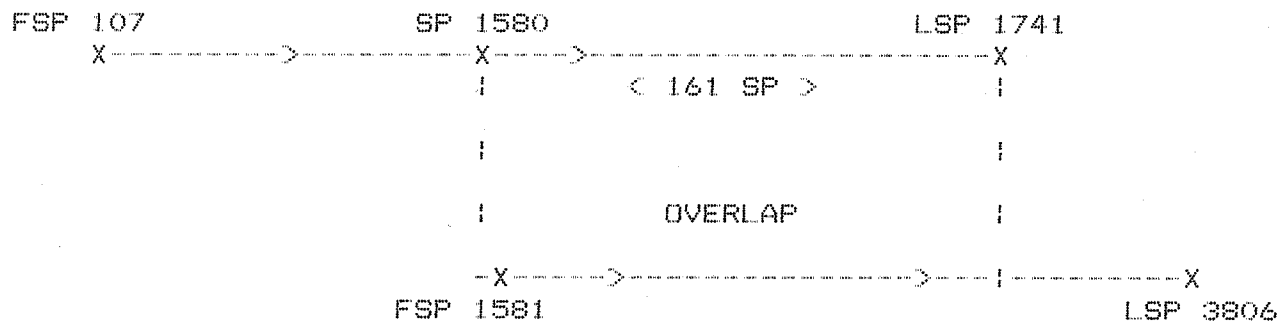
F.S.P. NUMBER IS ONLY TO MATCH UP WITH SHOTPOINT NUMBERING ON 0S88A-12A.  
(PLEASE SEE ATTACHED OVERLAP DIAGRAM.)

### OVERLAP DIAGRAM

LINE NO. 0588A-12B

I.D. 2008

DIR. 077.8 DEG.



LINE NO. 0588A-12A

T.D. 1008

DIR. 077.5 DEG.

## COMMENTS

LINE 0588A-12A FIRST LINE STARTED IN MIDDLE (AFTER CREW CHANGE).

LINE 0888A-12B STARTED AT WESTERN END ON SF107 IN ORDER TO MATCH S.P.s OF FIRST  
LINE SHOT WITHOUT C.N.P. TO C.D.P. OFFSET.

# GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: SHELL				PROSPECT: VIC P28				RECORD LENGTH: 6 Sec				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR				A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD											
DATE: 12 <sup>th</sup> AUGUST 88				VESSEL: M/V MAG CREEK				LINE: OS88A-12B ID = 2012				SAMPLE RATE: 2 MSec				GUN DELAY: 51.2mS																			
PAGE 1 OF				PARTY: 2993				DIRECTION: 77.8°				TRACES: 300+12				OPERATOR: e.h. / HA																			
																FIELD TAPE ENTRY																			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N	F.S.P	L.R.N	L.S.P.	COMMENTS																
				REC.N	TYPE	HI	AV	LO																											
107	107	1924	46				11.0		10.7		10.4		14.7S	721283	0	107	107	181	181	RN GUN TO ONSET OFFSET 102 9S 51.2 103 28S 51.4 104 9P 51.3 105 25P 51.1															
157	157	1932	49				10.7		10.5		10.1		10.9S	721284	1	182	182	261	261	TRACKS 265-300 DEAD FOR OFFSET SHOTS 106 BOL NOISE															
207	207	1939	55				11.0		10.7		10.4		6.4S																						
257	257	1946	55				11.0		10.6		10.1		2.6S	721285	2	262	262	341	341	STILL TURNING AT B.O.L. DUE TO CLOSURE OF SHORELINE - CABLE BEND PRODUCING NOISE.															
307	307	1953	65				11.0		10.6		10.4		0.2S	721286	0	342	342	421	421																
357	357	2000	67				11.0		10.6		10.4		0.6P							SHIP'S NOISE NOTICED FROM S.P. 170															
407	407	2007	67				10.7		10.6		10.1		1.0°P	721287	1	422	422	501	501																
457	457	2015	70				11.0		10.6		10.4		1.4°P	721288	2	502	502	581	581	(SP. 630 time recorded as 19:30:13! should be 20:39:..)															
507	507	2022	72				11.0		10.7		10.4		1.0°P																						
557	557	2029	72				11.0		10.6		10.4		1.6°P	721289	0	582	582	661	661																
607	607	20:36	72				11.0		10.7		10.4		1.5°P																						
657	657	20:43	74				11.0		10.5		10.1		1.4°P	721290	1	662	662	741	741																
707	707	20:50	76				11.0		10.7		10.4		1.6°P	721291	2	742	742	821	821																
757	757	20:58	75				11.0		10.7		10.4		0.9°P																						
807	807	21:05	75				11.0		10.6		10.4		1.2°P	721292	0	822	822	877	877																
857	857	21:13	74	878	BR		11.3		10.5		10.1		1.0°P	721293	1	878	878	878	878																
907	907	21:21	74				11.0		10.8		10.4		0.6°P	721294	2	879	879	958	958																
957	957	21:28	74				11.0		10.7		10.4		1.2°P	721295	0	959	959	1038	1038																
1007	1007	21:36	74				11.0		10.6		10.1		1.2°P	721296	1	1039	1039	1118	1118																
1057	1057	21:44	74				11.0		10.7		10.1		1.4°P																						
1107	1107	21:51	74				11.0		10.6		10.4		1.0°P																						

**INC.** 21-1A8820

2000-0000-0000-0000

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0988A-13

DATE : 30 JULY 88

F.S.P. : 101

L.S.P. : 2196

TOTAL SPS : 2096

F.R.N. : 101

L.R.N. : 2193

TOTAL KMS : 52.40

FIRST REEL : 706063

LAST REEL : 706089

NO OF REELS: 27

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

DIRECTION

N

347.7 DEG

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 11.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -1987, 2020 + 2024.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.



MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE	31 JULY 88		VESSEL : M/V MAG CREEK			LINE:OS88A- 13 I.D. 13			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE	1 of 2		PARTY : 2993			DIRECTION : 347.7° TRUE			TRACES : 300 + 12 Aux			OPERATOR : MK & NB				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	101	23:40	79			11.3	10.8	9.7	1.6°S	706063	0	101	101	175	175	RM 6m to ONSET OFFSET
151	151	23:48	81			11.3	10.6	9.4	0.6°S	706064	1	176	176	255	255	96 95 51.3ms 130 124.3
201	201	23:56	80			11.9	11.2	10.7	0.8°S							97 255 51.6ms 132 126.8
251	251	00:03	81			11.0	10.7	9.7	0.2°P	706065	2	256	256	335	335	98 90 51.1ms 130 124.6
301	301	00:11	81			11.6	11.0	9.7	0.3°P	706066	0	336	336	415	415	99 250 51.6 128 121.2
351	351	00:18	80			11.3	10.8	9.4	0.5°P							AVERAGE OFFSET = 124.2
401	401	00:26	78			11.3	10.9	10.4	1.5°P	706067	1	416	416	495	495	100 BOL NOISE
451	451	00:34	79			11.3	10.8	9.7	2.4°P							2194 FOL NOISE
501	501	00:41	78	522	UTE	11.6	10.0	9.1	3.0°P	706068	2	496	496	522	522	
551	551	00:48	80			11.3	10.9	9.4	2.8°P	706069	0	523	523	602	602	TRACES 204 & 206
601	601	00:56	77			11.3	10.7	9.7	3.1°P	706070	1	603	603	682	682	SPIKING INTERMITTALLY
651	651	01:04	76			11.3	10.8	10.7	2.8°P	706071	2	683	683			FROM BOL
701	701	01:12	78			11.6	10.9	9.7	3.2°P					762	762	
751	751	01:20	77			11.6	10.9	10.4	4.4°P	706072	0	763	763	842	842	OCCASIONAL SWEET BURSTS
801	801	01:28	77			11.6	10.9	9.7	4.8°P	706073	1	843	843	922	922	AT BOL - TURNING TO
851	851	01:35	76			11.3	10.9	9.4	5.6°P							MULTITUDINOUS
901	901	01:43	78			11.3	10.7	9.4	5.5°P	706074	2	923	923	1002	1002	
951	951	01:50	79			11.3	10.8	9.7	5.0°P							LAST FILE # 2193
1001	1001	01:58	78			11.6	11.0	9.7	4.7°P	706075	0	1003	1003	1082	1082	" SP # 2196
1051	1051	02:05	79			11.0	10.7	9.4	4.7°P							" TAPE # 706089
1101	1101	02:13	79			11.6	10.6	9.4	5.6°P	706076	1	1083	1083	1162	1162	
1151	1151	02:21	78			11.3	10.7	9.4	6.3°P							
1201	1201	02:28	76			11.6	10.9	10.1	6.6°P	706077	2	1163	1163	1242	1242	
1251	1251	02:36	78			11.6	10.9	10.1	6.2°P							
1301	1301	02:44	75			11.6	10.9	10.4	7.1°P	706078	0	1243	1243	1322	1322	

81-A 8820

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE 31-July-88				VESSEL : M/V MAG CREEK				LINE:OS88A-13 I.D.013				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE 2 of 2				PARTY : 2993				DIRECTION : 347.7° TRUE				TRACES : 300 + 12 Aux				OPERATOR : M.R. & M.L.			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI	AV	LO	FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP	FRN	FSP	LRN	LSP	COMMENTS			
1351	1351	02:51	76			11.6	10.8	9.7	71°P	706079	1	1323	1323	1402	1402	Missed SP # 1987, 2024			
1401	1401	02:59	75			11.6	10.8	9.7	67°P	706080	2	1403	1403	1482	1482	SP 1486 - 1486 RN			
1451	1451	03:07	75			11.6	10.7	9.7	77°P	706081	0	1483	1483			SP 1987 - N/R			
1501	1501	03:18	75			11.6	10.8	10.4	77°P					1562	1562	SP 1988 - 1987 RN			
1551	1551	03:23	74			11.6	11.0	10.7	76°P	706082	1	1563	1563	1641	1642	SP 2023 - 2021 RN			
1601	1601	03:30	75			11.3	10.7	10.1	75°P	706083	2	1643	1643			SP 2024 - N/R			
1651	1651	03:38	76			11.3	10.5	9.4	75°P					1722	1722	SP 2025 - 2022 RN			
1701	1701	03:45	74			11.6	10.9	10.7	74°P	706084	0	1723	1723	1802	1802				
1751	1751	03:53	72			11.6	10.9	9.4	68°P	706085	1	1803	1803	1882	1882	Missed SP # 2020			
1801	1801	04:01	71			11.6	11.0	10.7	66°P							2019 SP - 2018 RN			
1851	1851	04:09	62			11.3	10.8	9.4	64°P	706086	2	1883	1883	1962	1962	2020 " N/R "			
1901	1901	04:16	62			11.6	10.7	9.4	63°P							2021 " 2019 RN "			
1951	1951	04:24	58			11.3	10.6	9.4	61°P	706087	0	1963	1963	2042	2042				
2001	2001	04:32	52			11.6	11.0	9.4	57°P	706088	1	2043	2043	2122	2122				
2051	2054	04:39	41			11.3	10.6	9.7	61°P										
2101	2104	04:47	35			11.6	10.9	10.4	64°P	706089	2	2123	2123	2193	2193				
2151	2154	04:55	25			11.0	10.3	9.1	64°P										
2193	2196	05:03	25			11.3	10.7	10.1	53°P	706090	0								

81-A 8820  
81-A 8820

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : GIPPSLAND BASIN

PARTY NO : 2993

LINE NO : 0S88A-14

DATE : 01 AUG. 1988

F.S.P. : 2663

L.S.P. : 1526

TOTAL SPS : 1138

F.R.N. : 101

L.R.N. : 1235

TOTAL KMS : 28.450

FIRST REEL : 706162

LAST REEL : 706176

NO OF REELS: 15

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

257.1 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 12.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.  
LINE COMMENCED HALF-WAY ALONG DUE TO DIFFICULTY APPROACHING THE  
PREPLOTED FIRST SHOTPOINT AT THE EASTERN END.  
LINE TERMINATED DUE TO STREAMER FAILURE - PROCESS TO SP 1544

41-A8820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 1-AUG-88			VESSEL : M/V MAG CREEK			LINE:OS88A-14 I.D. 014			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of			PARTY : 2993			DIRECTION : 257.1 TRUE			TRACES : 300 + 12 Aux			OPERATOR : MJ & NB				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
01	2663	05:18	71			12.2	11.8	11.3	1.3°P	706162	0	101	2663	175	2589	
151	2613	05:26	73			12.2	11.8	11.6	0.3°P	706163	1	176	2588	255	2509	96 95 51.5 128 121
201	2563	05:34	73			11.9	11.6	11.0	0.2°S							97 255 51.3 130 124.3
251	2513	05:42	75			11.9	11.5	11.3	0.3°S	706164	2	256	2508	335	2429	98 9P 51.5 132 127
301	2463	05:50	73			11.9	11.6	11.3	0.1°P	706165	0	336	2428	415	2349	99 2SP 51.3 130 124.3
351	2413	05:58	73			11.9	11.6	11.3	0.2°S							AV OFFSET 124.2
401	2363	06:07	73			12.2	11.6	11.0	0.5°P	706166	0	416	2348	495	2269	100 BOL NOISE
451	2313	06:14	72			11.6	11.3	10.7	0.5°P							1236 EOL NOISE
501	2263	06:22	73			11.9	11.4	11.0	1.2°P	706167	2	496	2268			
551	2213	06:30	73			12.6	12.1	11.3	0.9°P					575	2189	VESSEL NOISE AT BOL
601	2163	06:37	72			12.2	11.6	10.7	1.4°P	706168	0	576	2188	655	2109	
651	2113	06:44	73			11.9	11.6	11.0	1.5°P	706169	1	656	2108	735	2029	SWELL BURSTS
701	2063	06:52	72			12.5	11.7	11.3	1.7°P	706170	2	736	2028			BOL - OCCASSIONAL
751	2013	06:59	71			12.5	11.8	11.6	1.4°P					815	1949	SP 2470 - INCREASING
801	1963	07:06	74			12.5	11.6	11.3	1.4°P	706171	0	816	1948	895	1869	
851	1913	07:13	72			11.9	11.6	11.0	2.2°P	706172	1	896	1868	975	1789	
901	1863	07:21	74			11.6	11.4	11.0	2.1°P							LAST FILE # 1220
951	1813	07:28	72			11.9	11.6	11.3	2.2°P	706173	2	976	1788	1055	1709	LAST SP # 1544
1001	1763	07:35	73			12.5	11.7	11.3	2.1°P	706174	0	1056	1708	1135	1629	LAST TRIP # 706176
1051	1713	07:43	72			12.2	11.6	11.3	1.9°P							
1101	1663	07:50	73			11.9	11.5	11.0	1.6°P	706175	1	1136	1628	1215	1549	
1151	1613	07:58	71			12.2	11.6	11.3	1.2°P							PROCESS TO
1201	1563	08:05	73			11.9	11.8	11.6	1.4°P	706176	2	1216	1548	1220	1544	SP # 1544
1235	1526	08:11	72													ONLY

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0888A-14A

DATE : 01 AUG. 1988

F.S.P. : 1703

L.S.P. : 561

TOTAL SPS : 1143

L.G.S.P. : 653

F.R.N. : 101

L.R.N. : 1241

TOTAL KMS : 28.575

L.G.R.N. : 1151

FIRST REEL : 706177

LAST REEL : 706192

NO OF REELS: 16

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

257.3 DEG.

S

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 12.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

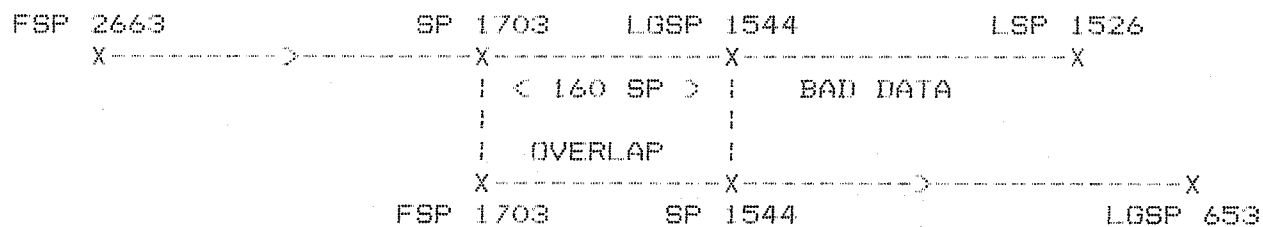
TERM - STREAMER FAILURE. PROCESS SPS 1703 THRU 653 ONLY

OVERLAP DIAGRAM

LINE NO. 0S88A-14

I.D. 14

DIR. 257.1 DEG.



LINE NO. 0S88A-14A

I.D. 1014

DIR. 257.3 DEG.

COMMENTS

LINE 0S88A-14 TERMINATED DUE TO STREAMER FAILURE- GROUND FAULT.

LINE 0S88A-14A TERMINATED DUE TO STREAMER FAULT. TO BE COMPLETED

A 41-98820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 1-AUG-88			VESSEL : M/V MAG CREEK			LINE:OS88A-14A I.D.1014			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 1			PARTY : 2993			DIRECTION : 257.3° TRUE			TRACES : 300 + 12 Aux			OPERATOR : NB & MR & TJG				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	1703	10:38	73			12.4	11.9	11.6	1.0°P	706177	0	101	1703	175	1629	RN GUN TD ONSET OFFSET
151	1653	10:46	74			11.9	11.5	11.0	0.8°P	706178	1	176	1628	265	1549	96 95 51.3ms 130ms 126.3m
201	1603	10:53	74			11.9	11.5	11.3	0.6°P	706179	2	256	1548	335	1469	97 255 51.3ms 134ms 130.3m
251	1553	11:01	74			11.9	11.5	11.0	0.5°P							98 9P 51.4ms 134ms 130.5m
301	1503	11:09	74			11.9	11.3	10.1	0.7°P	706180	0	336	1468	415	1389	99 2SP 51.2ms 132ms 127.6m
351	1453	11:16	74			12.0	11.9	11.0	0.9°P	706181	1	416	1388	495	1309	AV OFFSET = 128.1m
401	1403	11:24	75			11.9	11.4	10.7	1.5°P							130K NOISE 100
451	1353	11:32	74			12.2	11.5	10.1	2.0°P	706182	2	496	1308	575	1229	EOL NOISE N.R.
501	1303	11:39	72			11.9	11.2	10.4	1.5°P	706183	0	576	1228	655	1149	
551	1253	11:47	73			11.9	11.6	11.0	0.9°P							FROM B.O.L. CABLE AFFECTED BY
601	1203	11:54	74			12.2	11.6	10.7	0.1°S	706184	1	656	1148	735	1069	SWELL BURSTS
651	1153	12:02	73			11.9	11.5	10.7	0.3°S	706185	2	736	1068	736	1068	
701	1103	12:09	72	736	BR	11.9	11.5	11.0	0.6°S	706186	0	737	1067	816	988	TRACE 137 INTERMITTENTLY
751	1053	12:16	73			11.9	11.6	11.3	0.4°S	706187	1	817	987	896	908	SPIKING
801	1003	12:24	73			12.2	11.4	11.0	0.3°S	706188	2	897	907	976	828	
851	953	12:32	72			11.9	11.5	11.0	0.3°S	706189	0	977	827	1056	748	L.G.R.N = 1151
901	903	12:39	73			11.9	11.5	11.0	0.2°S	706190	1	1057	747	1136	668	L.G.S.P = 653
951	853	12:47	75			11.9	11.4	10.7	0.5°P	706191	2	1137	667	1216	588	
1001	803	12:54	75			12.2	11.5	11.0	1.2°P	706192	0	1217	587	1241	561	
1051	753	13:02	75			11.9	11.4	11.3	0.3°P							
1101	703	13:09	73	1142	BR	12.2	11.8	11.3	0.2°S							LWE TERMINATED DUE
1151	653	13:17	75			11.9	11.5	10.7	0.7°S							TO STREAMER (SEM) FAILURE
1217	587	13:24	74			12.2	11.5	10.7								
1241	561	13:35	74			12.2	11.5	10.7								

88-01-1-8-2 MGA

88-01-4-8-2 N8A

88-01-4-8-2 N8A

88-01-4-8-2 N8A



M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ OTWAY BASIN

PARTY NO : 2993

LINE NO : 0588A-14B

DATE : 01 AUG. 1988

F.S.P. : 803

L.S.P. # 006

TOTAL SPS : 798

F. R. N. = 101

L. R. N. # 895

TOTAL KMS : 19.950

FIRST REEL : 706193

LAST REEL : 706202

NO OF REELS: 10

```
RECORD LENGTH      : 6 Seconds
RECORD DELAY       : 0 Seconds
SAMPLE RATE        : 2 Milliseconds
FILTERS    HIGH    : 128/72
               LOW   : 8/18
RECORDING FORMAT    : SEG D
PACKING DENSITY     : 6250 BPI
```

```
PREAMP GAIN      : Low
RECORD GAIN MODE : IFF
REPRODUCE MODE  : Defloat with PGC
```

```
AIRGUN TYPE      : VSX SLEEVE
AIRGUN SPREAD    : 8.3/8.3/8.3 Metres
AIRGUN ARRAY VOL.: 2180 cubic inches
AIRGUN PRESSURE  : 1800 PSI
AIRGUN DEPTH     : 6 Metres
TIMING DELAY     : 51.2 Milliseconds
TRACE MIX        : 1:1 Traces 001-300
TOTAL CHANNELS   : 312
AUX. CHANNELS    : 301-312
DATA CHANNELS    : 1-300
```

```

STREAMER TYPE      : MULTIPLEX
                    SKIN      : P.U.
STREAMER LENGTH    : 3750 Metres
GROUP INTERVAL     : 12.5 Metres
SHOTPOINT INTERVAL : 25.0 Metres
OFFSET             : 122 Metres
STREAMER DEPTH     : 12.0 Metres

```

LEVELLER/COMPASS LOCATIONS:  
 TRACES:- 1, 25, 49, 73, 97,  
 121, 145, 181, 205,  
 229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT :--NIL.  
COMPASSES EXCLUDED:--NIL.  
LINE STATUS :--TO BE COMPLETED.  
MISSED SHOTPOINTS :-- 89, 50, 48.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

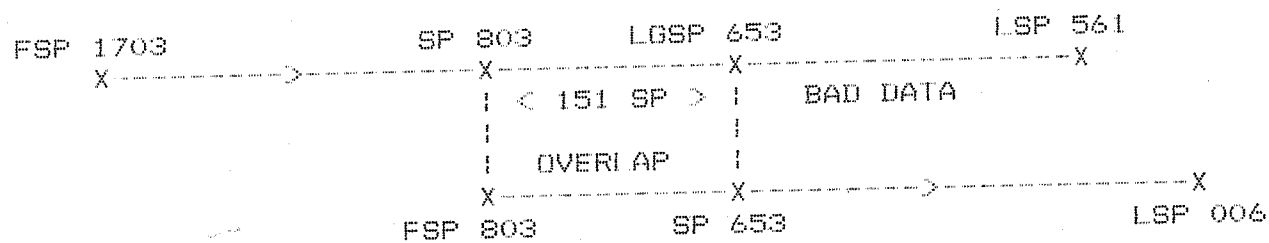


OVERLAP DIAGRAM

LINE NO. 0S88A-14A

I.D. 1014

DIR. 257.3 DEG.



LINE NO. 0S88A-14B

I.D. 2014

DIR. 257.5 DEG.

COMMENTS

LINE 0S88A-14A TERMINATED DUE TO STREAMER FAILURE. TO BE COMPLETED.

LINE 0S88A-14B COMPLETE - EASTERN END OF LINE STILL TO BE SHOT.

# 241-A8820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D					
DATE 1 AUGUST 1988			VESSEL : M/V MAG CREEK			LINE:OS88A-14B I.D. 2014			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec					
PAGE 1 of			PARTY : 2993			DIRECTION : 257.5° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH					
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS	
101	803	22:13	75			11.9	11.5	11.0	1.6°P	706193	0	101	603				
151	753	22:21	74			12.2	11.6	11.3	1.5°P					175	724	RN	GUN To ONSET OFFSET
201	503	22:29	73			11.9	11.2	10.1	1.4°P	706194	1	176	728			96	9s 51.2ms 128 121.4
251	653	22:36	73			11.9	11.7	11.3	0.7°P					255	664	97	25s 51.4ms 128 121.2
301	603	22:43	73			11.9	11.5	11.3	0.0°P	706195	2	256	668			98	9p 51.5ms 128 121.0
351	553	22:51	71			11.9	11.5	11.0	0.3°S					335	569	99	25p 51.7ms 130 123.7
401	503	22:58	71			12.2	11.5	10.7	0.1°S	706196	0	336	568				
451	453	23:05	69			11.9	11.5	11.0	0.1°S					415	489	100	BOL NOISE
501	403	23:13	67			12.2	11.7	11.3	0.2°S	706197	1	416	488			N.N.	FOL NOISE
551	553	23:20	64			11.9	11.7	11.3	0.3°S					495	409		AV OFFSET = 121.8
601	303	23:28	62			11.9	11.5	11.3	0.5°P	706198	2	496	408				
651	253	23:35	63			11.9	11.5	11.3	0.1°P					575	329		OCCASIONAL SWELL
701	203	23:43	62			11.9	11.5	10.7	0.1°P	706199	0	576	328				BURSTS FROM BOL
751	153	23:50	55			11.9	11.6	11.3	0.0°S					655	249		
801	103	23:57	44			11.9	11.6	11.3	0.2°S	706200	1	656	248				MISSED SPX 89, 50, 48,
851	53	00:05	41			11.9	11.6	11.3	0.1°P					735	169		
895	6	00:11	40			11.9	11.6	11.3	0.1°P	706201	2	736	168	815	88	SP	RN
										706202	0	816	87	895	6	80	814
																89	N/R
																88	815
										<del>706203</del>						51	852
																50	N/R
																49	853
																48	N/R
																47	854

58-01-4-852 488 54

88-01-4-8-2 N/A  
88-01-4-8-2 N/A  
88-01-4-8-2 N/A

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~SITFELAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0588A-14C

DATE : 04 AUG. 1988

F.S.P. : 2583

L.S.P. : 3046

TOTAL SPS : 464

F.R.N. : 2584

L.R.N. : 3047

TOTAL KMS : 11.600

FIRST REEL : 720930

LAST REEL : 720935

NO OF REELS: 6

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

77.1 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 122 Metres  
STREAMER DEPTH : 10.4 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

PRIMARY NAV SYS : SYLEDIS

FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

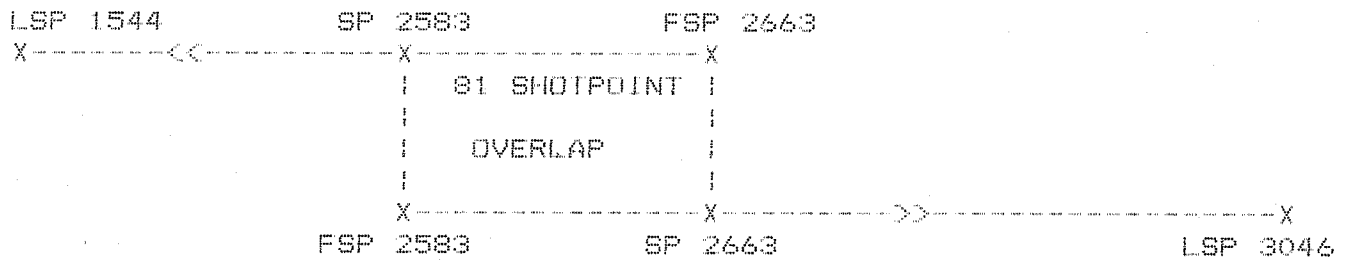
FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

OVERLAP DIAGRAM

LINE NO. OS88A-14

I.D. 14

DIR. 257.1 DEG



LINE NO. OS88A-14C

I.D. 3014

DIR. 77.1 DEG

LINE OS88A-14 TERMINATED DUE TO STREAMER FAILURE.  
LINE OS88A-14C COMPLETE - PROCESS.

**ICE INC.** A8820

19-00000

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : OS88A-15

DATE : 30 JULY 88

F.S.P. : 2154

L.S.P. : 011

TOTAL SPS : 2144

F.R.N. : 101

L.R.N. : 2244

TOTAL KMS : 53.600

FIRST REEL : 706033

LAST REEL : 706062

NO OF REELS: 30

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI  
PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

DIRECTION

N

167.7 DEG.

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 10.0 Metres

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : - 344 & 229 (TAPE TXP HANGUPS)

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 30 JULY 1988			VESSEL : M/V MAG CREEK			LINE:OS88A- 15 I.D. 15			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 167.7° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	2154	16:47	47			11.0	10.3	9.1	11.9°P	706033	0	101	2154	175	2080	
151	2104	16:55	59			11.0	10.0	8.2	2.9°P	706034	1	176	2079	255	2000	R.N. GUN TO ONSET OFFSET
201	2054	17:02	64			11.3	10.9	10.7	0.3°P	706035	2	256	1999	335	1920	96 9s 51.4ms 130ms 124.15m
251	2004	17:09	68			11.3	10.8	10.7	1.4 S							97 25s 51.9ms 132ms 123.4m
301	1954	17:17	68			11.6	11.0	10.4	2.0°S	706036	0	336	1919	415	1840	98 9p 51.6ms 134ms 129.85m
351	1904	17:24	68			11.6	11.0	10.7	1.4°S	706037	1	416	1839	495	1760	99 25p 51.2ms 134ms 130.4m
401	1854	17:32	71			11.6	10.8	10.1	0.8°S	706038	2	496	1759	575	1680	
451	1804	17:39	74			11.6	11.1	10.7	0.5°S							AV OFFSET=126.95m
501	1754	17:47	75			11.6	11.0	10.7	0.3°S	706039	0	576	1679	655	1600	
551	1704	17:55	74			11.6	10.9	10.4	0.5°P	706040	1	656	1599	735	1520	100 BOL NOISE
601	1654	18:02	74			12.2	11.2	10.7	0.9°P	706041	2	736	1519	815	1440	
651	1604	18:10	75			11.9	10.8	10.7	0.8°P							STRONG SWELL BURSTS
701	1554	18:17	73			11.6	11.0	9.7	0.7°P	706042	0	816	1439	895	1360	OBSERVED
751	1504	18:25	77			12.5	11.5	11.0	1.2°P	706043	1	896	1359	975	1280	(B.O.L - 2100)
801	1454	18:32	75			11.9	10.9	10.4	1.0°P	706044	2	976	1279	1055	1200	
851	1404	18:40	76			11.3	11.0	9.7	0.6°P							SP# 2100 CABLE DEPTH
901	1354	18:48	76			11.6	10.8	8.8	1.1°P	706045	0	1056	1199	1135	1120	TAKEN TO 11M TO AVOID
951	1304	18:55	77			11.9	11.0	9.7	2.0°P	706046	1	1136	1119	1215	1040	SWELL BURSTS ON STREAMER
1001	1254	19:03	76			11.6	10.9	10.7	2.5°P	706047	2	1216	1039	1295	960	
1051	1204	19:11	77			11.3	11.0	10.4	2.4°P							
1101	1154	19:18	78			11.3	10.9	9.4	2.7°P							
1151	1104	19:26	76			11.6	10.9	10.4	3.2°P							OCCASIONAL SWELL BURSTS
1201	1054	19:34	78			11.6	11.1	10.1	3.2°P							OBSERVED ON STREAMER
1251	1004	19:42	77			11.3	10.7	9.7	3.4°P							(SP#2100 - EOL)
1301	954	19:49	76			11.6	10.8	10.4	5.1°P							

[illegible]



21

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE 30 JULY:88				VESSEL : M/V MAG CREEK				LINE:OS88A-16 I.D.016				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE 1 of				PARTY : 2993				DIRECTION : 257 TRUE				TRACES : 300 + 12 Aux				OPERATOR : ml & NB			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS			
						HI	AV	LO		TP	FRN	FSP	LRN	LSP					
101	2078	10:35	35			10.7	9.4	8.5	22.1P	706023	101	2078				RN GUN TD ONSET OFFSET			
151	2028	10:43	41			10.1	9.4	8.8	11.3P							96 95 50.9			
152	2027	10:43	41													97 85 51.3			
																98 9P 51.4			
																99 25P 51.2			
																AV OFFSET			
																100 BOL NOISE			
																FOR NOISE			
																BOL NOISE TEST WILL BE			
																NOISY? CABLE NOT COMPLETELY			
																STRAIGHT.			

Do Not Process

## M/V MAGNIFICENT CREEK

CLIENT # SHELL

PROSPECT : VIC/P28

AREA : ~~GLASSLAND~~ OTWAY BASIN

PARTY NO : 2993

LINE NO : 0588A-16A

DATE : 30 JULY 88

F. S. P. # 678

L.S.P. # 013

TOTAL SPS : 666

F. R. N. : 101

L. R. N. # 765

TOTAL KMS : 14,650

FIRST REEL : 706024

LAST REEL # 706032

NO OF REELS: 9

```
RECORD LENGTH      : 6 Seconds
RECORD DELAY       : 0 Seconds
SAMPLE RATE        : 2 Milliseconds
FILTERS    HIGH    : 128/72
               LOW   : 8/18
RECORDING FORMAT    : SEG D
PACKING DENSITY     : 6250 BPI
```

DIRECTION

N

```
PREAMP GAIN      : Low
RECORD GAIN MODE : IFP
REPRODUCE MODE   : Defloat with PGC
```

257.0 DEG.

5

```
AIRGUN TYPE      : VSX SLEEVE
AIRGUN SPREAD    : 8.3/8.3/8.3 Metres
AIRGUN ARRAY VOL.: 2180 cubic inches
AIRGUN PRESSURE  : 1800 PSI
AIRGUN DEPTH     : 6 Metres
TIMING DELAY     : 51.2 Milliseconds
TRACE MIX        : 1:1 Traces 001-300
TOTAL CHANNELS   : 312
AUX. CHANNELS    : 301-312
DATA CHANNELS    : 1-300
```

```

STREAMER TYPE      : MULTIPLEX
                    SKIN      : P.U.
STREAMER LENGTH    : 3750 Metres
GROUP INTERVAL     : 12.5 Metres
SHOTPOINT INTERVAL : 25.0 Metres
OFFSET             : 124 Metres
STREAMER DEPTH     : 10.0 Metres

```

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz

SECONDARY NAV SYS: TRANSIT SATELLITE

```
COMMENTS: TRACES TO EDIT      :--NIL.
          COMPASSES EXCLUDED:--NIL.
          LINE STATUS         :--COMPLETE.
          MISSED SHOTPOINTS  :--157.
```

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

LINE STARTED IN MIDDLE. EASTERN PORTION YET TO BE SHOT.

# Adi-A8820

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE <b>30 July 88</b>				VESSEL : M/V MAG CREEK				LINE:OS88A-16A I.D.1016				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE <b>1</b> of <b>1</b>				PARTY : 2993				DIRECTION : <b>257°</b> TRUE				TRACES : 300 + 12 Aux				OPERATOR : <b>RPH</b>			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI	AV	LO	FEATH ANGLE	TAPE NOS	TP	FRN	FSP	LRN	LSP	COMMENTS			
101	678	14:14	71			12.5	11.2	10.1	0.3°P	706024	0	101	678			RN 96 - Gun # 9 S <sup>To ONSET</sup> 51.2ms 130ms 126.4m 97 - " 25S 51.2 130ms 126.4m 98 - " 9P 51.7 134ms 129.7m 99 - " 25P 51.3 132ms 127.3m 100 - BOL NOISE, 765 EOL NOISE CABLE SET TO 11-12m DUE TO SWELL NOISE FROM BOL. AV. OFFSET = <u>126.4m</u>			
151	628	14:22	70			11.7	11.0	10.1	0.2°P					175	604				
201	578	14:30	69			11.6	11.1	10.7	0.6°P	706025	1	176	603						
251	528	14:38	67			11.6	11.1	10.7	1.2°P					255	524				
301	478	14:46	60			11.9	11.0	10.4	1.7°P	706026	2	256	523						
351	428	14:53	61			11.9	11.3	10.7	1.5°P					335	644				
401	378	15:01	59			11.6	10.9	10.4	0.9°P	706027	0	336	643						
451	328	15:09	50			11.3	11.0	10.4	1.0°P					415	364				
501	278	15:17	44			11.9	11.1	10.4	1.7°P	706028	1	416	363						
551	228	15:25	39			12.5	11.3	10.7	2.4°P					495	284				
601	178	15:33	36			11.3	11.0	11.0	2.7°P	706029	2	496	283			S.P. R.N 158 621 157 N.R 156 622 MISSED DUE TO NAV. ERROR			
651	127	15:41	36			11.6	11.0	10.4	2.4°P					575	204				
701	77	15:49	36			13.1	11.6	11.0	1.5°P	706030	0	576	203			LAST R.N. = 765 LAST S.P# = 13 LINE COMPLETE/PROCESS.			
751	27	15:57	32			11.6	11.3	10.7	1.1°P					655	123				
765	13	15:59	28			11.9	11.4	10.7	1.1°P	706031	1	656	122						
														735	43				
										706032	2	736	42						
														765	13				

85-01-4-8-2 118A

85-01-4-8-2 118A

85-01-4-8-2 118A

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~STEEPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-16B

DATE : 31 JULY 88

F.S.P. : 608

L.S.P. : 2163

TOTAL SPS : 2063

F.R.N. : 608

L.R.N. : 2163

TOTAL KMS : 38.90

FIRST REEL : 706139

LAST REEL : 706161

NO OF REELS: 23

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

077.8 DEG.

S

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : F.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 123 Metres  
STREAMER DEPTH : 12.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

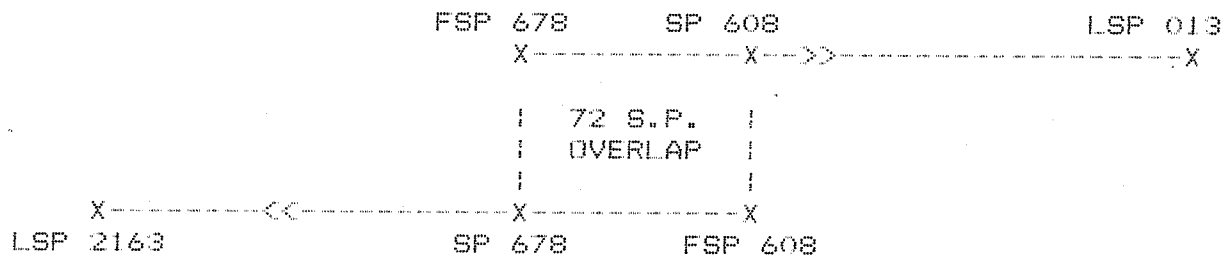
FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

OVERLAP DIAGRAM

LINE 0S88A-16A

I.D. 1016

DIR. 257.0 DEG



LINE 0S88A-16B

I.D. 2016

DIR. 077.2 DEG.

COMMENTS

LINE 0S88A-16 TERMINATED DUE TO SWELL NOISE, DO NOT PROCESS.

LINE 0S88A-16A STARTED IN MIDDLE.

LINE 0S88A-16B COMPLETE.

MARINE FIELD DATA				CLIENT : SHELL		PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D		
DATE 31 JULY 1988				VESSEL : M/V MAG CREEK		LINE:OS88A-168 I.D.2016				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec		
PAGE 1 of 2				PARTY : 2993		DIRECTION : 77.2° TRUE				TRACES : 300 + 12 Aux				OPERATOR : R.H. M. 2-118		
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
608	608	23:13	71			12.2	11.5	10.7	0.1°P	706139	0	608	608	682	682	
658	658	23:21	71			11.9	11.4	11.0	0.2°P	706140	1	683	683	762	762	R.M. GUN TO ONSET OFFSET
708	708	23:29	70			12.2	11.6	11.0	0.1°P	706141	2	763	763	842	842	608 9p SI 4ms 130 122.8
758	758	23:36	71			12.2	11.7	11.3	0.0°P							604 25s SI 7ms 130 122.4
808	808	23:44	71			12.8	11.8	11.3	0.6°P	706142	0	843	843	922	922	605 9p SI 6ms 130 122.5
858	858	23:52	71			11.9	11.3	10.1	0.4°P							606 25p SI 6ms 130 122.5
908	908	00:00	69			11.9	10.9	10.4	0.6°P	706143	1	923	923	1002	1002	607
958	958	00:07	71			12.5	12.0	11.3	0.6°P	706144	2	1003	1003	1082	1082	BOL NOISE
1008	1008	00:15	69			12.5	12.0	11.6	0.9°P							EOL NOISE 2164
1058	1058	00:23	67			12.2	11.8	10.7	0.6°P	706145	0	1083	1083	1124	1124	
1108	1108	00:31	63			11.9	11.4	10.3	0.7°P	706146	1	1125	1125	1125	1125	OCCASIONAL SWELL
1158	1158	00:39	64			12.2	11.6	11.3	0.6°P							NOISE FROM BOL
1208	1208	00:46	54			12.5	11.9	11.6	0.1°P	706147	2	1126	1126	1205	1205	
1258	1258	00:54	66			11.6	11.4	10.7	0.3°P	706148	0	1206	1206	1285	1285	VESSEL NOISE IN FRONT FROM
1308	1308	01:02	70			12.8	11.7	11.3	0.4°P	706149	1	1286	1286	1365	1365	SPX 1358 to 2000
1358	1358	01:11	71			12.8	11.9	11.6	0°							WORST CASE BETWEEN SPX 1350
1408	1408	01:19	73			12.2	11.5	11.0	0.1°P	706150	2	1366	1366	1445	1445	10 SP 1940
1458	1458	01:28	71			11.9	11.6	11.0	0.5°S	706151	0	1446	1446	1525	1525	
1508	1508	01:36	72			11.6	11.3	10.4	0°	706152	1	1526	1526	1605	1605	
1558	1558	01:44	72			12.2	11.7	11.3	0.3°P							
1608	1608	01:53	70			11.6	11.5	11.0	0.4°P	706153	2	1606	1606	1685	1685	
1658	1658	02:02	70			11.9	11.4	11.0	0.2°P	706154	0	1686	1686	1765	1765	
1708	1708	02:10	69			11.9	11.5	11.0	0°							
1758	1758	02:19	70			11.9	11.5	11.3	0.1°P	706155	1	1766	1766	1845	1845	
1808	1808	02:28	68			11.9	11.7	11.3	0°							

0288A-16B

MARINE FIELD DATA			CLIENT : SHELL		PROSPECT : OTWAY VIC/P-28		RECORD LENGTH : 6 Sec.		FORMAT : SEG D							
DATE 1-AUG-88			VESSEL : M/V MAG CREEK		LINE: OS88A-16B I.D. 2016		SAMPLE RATE : 2 Msec		GUN DELAY : 51.2 Msec							
PAGE 2 of 2			PARTY : 2993		DIRECTION : 77.5° TRUE		TRACES : 300 + 12 Aux		OPERATOR :							
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	TP	FRN	FSP	LRN	LSP	COMMENTS
1858	1858	02:36	64			12.5	11.8	11.3	0-3°P	706156	2	1846	1846	1925	1925	
1908	1908	02:45	58			12.8	11.2	11.3	0-7°P	706157	0	1926	1926	1991	1991	
1958	1958	02:53	50	1992	B.R.	11.9	11.5	10.7	0-5°P	706158	1	1992	1992	1992	1992	
2008	2008	03:00	44			12.5	11.8	11.3	1-0°P	706159	2	1993	1993	2072	2072	
2058	2058	03:09	38			12.8	11.8	11.3	1-8°P							
2108	2108	03:17	34			12.5	11.8	10.4	1-8°P	706160	0	2073	2073	2152	2152	
2163	2163	03:26	34			12.5	12.0	11.6	2-5°P	706161	1	2153	2153			
														2163	2163	LINE COMPLETE / REELS

AUG 2 1988 10:10

AUG 2 1988 10:10

AUG 2 1988 10:10

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~SIPPELAIN~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : DS88A-17

DATE : 02 AUG. 1988

F.S.P. : 101

L.S.P. : 1215

TOTAL SPS : 1115

F.R.N. : 101

L.R.N. : 1215

TOTAL KMS : 27.875

FIRST REEL : 706267

LAST REEL : 706280

NO OF REELS: 14

RECORD LENGTH : 6 Seconds  
 RECORD DELAY : 0 Seconds  
 SAMPLE RATE : 2 Milliseconds  
 FILTERS HIGH : 128/72  
 LOW : 8/18  
 RECORDING FORMAT : SEG D  
 PACKING DENSITY : 6250 BPI  
 PREAMP GAIN : Low  
 RECORD GAIN MODE : IFP  
 REPRODUCE MODE : Defloat with PGC

DIRECTION

N

347.7 DEGS

S

AIRGUN TYPE : VSX SLEEVE  
 AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
 AIRGUN ARRAY VOL. : 2180 cubic inches  
 AIRGUN PRESSURE : 1800 PSI  
 AIRGUN DEPTH : 6 Metres  
 TIMING DELAY : 51.2 Milliseconds  
 TRACE MIX : 1:1 Traces 001-300  
 TOTAL CHANNELS : 312  
 AUX. CHANNELS : 301-312  
 DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
 SKIN : F.U.  
 STREAMER LENGTH : 3750 Metres  
 GROUP INTERVAL : 12.5 Metres  
 SHOTPOINT INTERVAL : 25.0 Metres  
 OFFSET : Metres  
 STREAMER DEPTH : 12.0 Metres

PRIMARY NAV SYS : SYLEDIS  
 FREQUENCY : 427 MHz  
 SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
 TRACES:- 1, 25, 49, 73, 97,  
 121, 145, 181, 205,  
 229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
 COMPASSES EXCLUDED: -NIL.  
 LINE STATUS : -TO BE COMPLETED  
 MISSED SHOTPOINTS : -NIL.



71-A8820

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE 2 AUGUST 1984				VESSEL : M/V MAG CREEK				LINE:OS88A- 17 I.D. 17				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE 1 of 1				PARTY : 2993				DIRECTION : 347.7° TRUE				TRACES : 300 + 12 Aux				OPERATOR :			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS			
						HI	AV	LO			TP	FRN	FSP	LRN	LSP				
101	101	1949	78			11.9	11.5	11.0	6.5°p	706267	0	101	101	175	175				
151	151	1956	80			11.9	11.4	11.0	6.1°p	706268	1	176	176	255	255	R.N. GUN TO ONSET OFFSET			
201	201	2003	77			11.6	11.5	11.3	5.5°p	706269	2	256	256	335	335	96 9s SI.4ms 130ms 124.15m			
251	251	2010	78			11.6	11.4	11.0	5.2°p	706270	0	336	336	415	415	97 25s SI.5ms 132ms 127m			
301	301	2017	77			12.2	11.6	11.3	4.8°p	706271	1	416	416	495	495	98 9p SI.3ms 130ms 124.3m			
351	351	2026	78			12.2	11.7	11.3	4.0°p	706272	2	496	496	575	575	99 25p SO.8ms 130ms 125.05m			
401	401	2032	80			11.6	11.4	11.0	3.3°p	706273	0	576	576	655	655	AV OFFSET=125.1m			
451	451	2039	80			11.9	11.6	11.3	3.0°p	706274	1	656	656	735	735				
501	501	2046	78			11.9	11.5	11.3	3.1°p	706275	2	736	736	815	815	100 BOL NOISE			
551	551	2053	79			11.9	11.5	10.1	2.6°p	706276	0	816	816	895	895	paper record - EOL NOISE			
601	601	2100	78			12.2	11.7	11.3	2.3°p	706277	1	896	896	975	975				
651	651	2107	78			11.9	11.3	10.1	1.9°p	706278	2	976	976	1055	1055				
701	701	2114	79			11.9	11.7	11.3	1.9°p	706279	0	1056	1056	1135	1135				
751	751	2121	77			11.6	11.5	10.7	1.0°p	706280	1	1136	1136	1215	1215				
801	801	2128	77			11.9	11.4	11.0	0.9°p										
851	851	2135	77			11.9	11.7	11.0	0.2°p										
901	901	2142	75			12.2	11.7	11.3	0.0°p										
951	951	2149	76			12.2	11.6	11.0	0.2°s										
1001	1001	2157	77			11.9	11.6	11.0	0.6°s							LAST RN = 1215			
1051	1051	2204	77			11.9	11.5	11.0	0.6°s							LAST SPT = 1215			
1101	1101	2211	77			12.2	11.7	11.0	0.9°s							LINE TERMINATED			
1151	1151	2218	77			11.9	11.7	11.0	1.6°s							FOR CREW CHANGE.			
1201	1201	2225	78			12.2	11.6	11.0	1.6°s										
1215	1215	2227	76			11.9	11.4	10.1	1.7°s										
28-01-8-2 USA																			

28-01-8-2 USA

28-01-8-2 USA

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~SHEPHERD~~ BASIN

PARTY NO : 2993

LINE NO : 0S88A-17A

DATE : 13 AUG. 1988

F.S.P. : 1061

L.S.P. : 2358

TOTAL SPS : 1298

F.R.N. : 1061

L.R.N. : 2358

TOTAL KMS : 32.450

FIRST REEL : 721305

LAST REEL : 721321

NO OF REELS: 17

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION  
N  
347.7 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 135 Metres  
STREAMER DEPTH : 11.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 49, 73, 97, 121,  
181, 205, 229, 253,  
277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

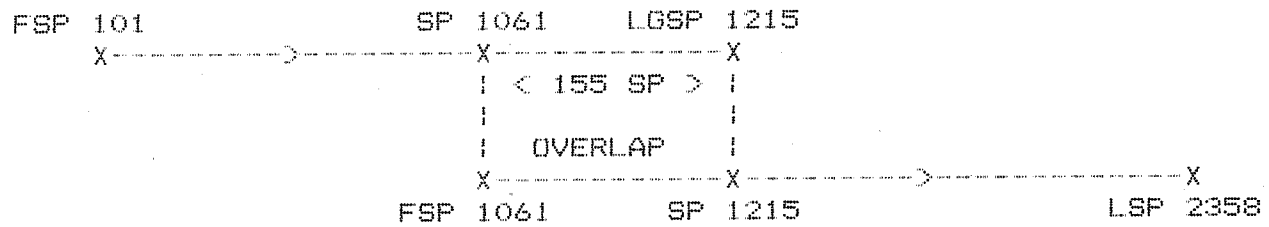
FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM

OVERLAP DIAGRAM

LINE NO. 0S88A-17

I.D. 17

DIR. 347.7 DEG.



LINE NO. 0S88A-17A

I.D. 1017

DIR.              DEG.

COMMENTS

LINE 0S88A-17 TERMINATED DUE TO CREW CHANGE.

LINE 0S88A-17A COMPLETE.

GEOPHYSICAL SERVICE INC.

MARINE FIELD DATA				CLIENT: <i>SHFLL</i>		PROSPECT: <i>VIC P/28</i>				RECORD LENGTH: <i>6 sec</i>				FORMAT: SEG D				S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR  A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD							
DATE: <i>13 AUGUST 1988</i>				VESSEL: <i>M/V MAG CREEK</i>		LINE: <i>OS88A-17A</i> ID = <i>1017</i>				SAMPLE RATE: <i>2 msec</i>				GUN DELAY: <i>51.2ms</i>											
PAGE <i>1</i> OF <i>1</i>				PARTY: <i>2993</i>		DIRECTION: <i>347.7°</i>				TRACES: <i>300 +12</i>				OPERATOR <i>RPH /AE</i>											
														FIELD TAPE ENTRY											
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER						FEATH. ANGLE	TAPE NUMBERS	T	F.R.N.	F.S.P.	L.R.N.	L.S.P.	COMMENTS						
				REC.N	TYPE	HIGH	AV	LOW																	
1061	1061	03:03	77				11.0	10.6	10.1		5.3°p	721305	0	1061	1061		1135	1135							
1111	1111	03:12	77				11.0	10.6	10.4		5.3°p	721306	1	1136	1136		1215	1215	R.N. GUN TO ONSET OFFSET 1086 9s 51.0ms 136ms 133.75m						
1161	1161	03:20	77				10.7	10.6	10.1		5.4°p	721307	2	1216	1216		1295	1295	1087 2SS 51.4ms 138ms 136.15						
1211	1211	03:27	77				11.0	10.8	10.7		5.0°p	721308	0	1296	1296		1375	1375	1088 9p 51.3ms 138ms 136.3						
1261	1261	03:35	77				11.0	10.7	10.4		4.8°p	721309	1	1376	1376		1455	1455	1089 2Sp 51.4ms 138ms 136.15						
1301	1301	03:42	78				11.0	10.7	10.1		4.7°p	721310	2	1456	1456		1535	1535	AV OFFSET = 135.58						
1361	1361	03:49	76				11.0	10.7	9.7		4.7°p	721311	0	1536	1536		1615	1615	1000 BOL NOISE						
1411	1411	03:57	76				11.0	10.5	10.1		4.8°p	721312	1	1616	1616		1695	1695	2359 EOL NOISE						
1461	1461	04:04	75				11.0	10.7	10.1		3.7°p	721313	2	1696	1696		1775	1775							
1511	1511	04:11	74				11.0	10.8	10.4		3.1°p	721314	0	1776	1776		1855	1855							
1561	1561	04:19	74				11.3	10.6	10.1		3.6°p	721315	1	1856	1856		1935	1935							
1611	1611	04:26	73				11.0	10.5	9.7		3.6°p	721316	2	1936	1936		2015	2015							
1661	1661	04:33	73				11.0	10.6	10.4		3.2°p	721317	0	2016	2016		2095	2095							
1711	1711	04:40	73				11.0	10.7	10.4		2.7°p														
1761	1761	04:48	73				11.0	10.6	10.6		2.6°p														
1811	1811	04:55	74				11.0	10.6	10.4		2.2°p														
1861	1861	05:02	74				11.0	10.6	10.4		2.6°p														
1911	1911	05:09	72				10.7	10.5	10.4		2.1°p														
1961	1961	05:16	72				11.0	10.6	10.4		2.1°p														
2011	2011	05:23	72				11.3	10.7	10.4		1.8°p														
2061	2061	05:30	71				10.7	10.6	10.4		1.8°p														
2161	2161	05:44	67				11.3	10.7	10.4		1.6°p														

**GEOPHYSICAL SERVICE INC.** 4F1-48820

MARINE FIELD DATA				CLIENT: SHELL		PROSPECT: VIC P/28		RECORD LENGTH: 6sec		FORMAT: SEG D		S.P. SHOT POINT R.N. RECORD NUMBER N.R. NO RECORD T.D. TIME DELAY T. TRANSPORT T.E. TRANSMISSION ERROR		A.F. AUTO FIRE N.F. NO FIRE B.R. BAD RECORD					
DATE: 13 AUGUST 1988				VESSEL: M/V MAG CREEK		LINE: 888A-17A ID = 1017		SAMPLE RATE: 2msec		GUN DELAY: 51.2ms									
PAGE 1 OF 2				PARTY: 2993		DIRECTION: 342.7°		TRACES: 300+12		OPERATOR: RPH									
												FIELD TAPE ENTRY							
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME GMT	WATER DEPTH METRES	EDIT		CABLE DEPTH & SECTION NUMBER				FEATH. ANGLE	TAPE NUMBERS	T	F.R.N	F.S.P.	L.R.N.	L.S.P.	COMMENTS		
				REC N	TYPE	HIGH	AV.	LOW											
2211	2211	05:52	52			10.7	10.4	10.1		1.6°	721318	1	2096	2096		2175	2175		
2261	2261	05:58	43			10.7	10.5	10.4		1.6°	721319	2	2176	2176		2255	2255		
2301	2311	06:06	38			10.7	10.4	10.1		1.5°	721320	0	2256	2256		2335	2335		
2358	2358	06:12	34			10.7	10.7	10.1		1.5°	721321	1	2336	2336		2358	2358		
LAST R.N. = 2358 LAST S.P.N. = 2358  LINE COMPLETE / PROCESS																			

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ OTWAY BASIN

PARTY NO : 2993

LINE NO : 0588A-19

DATE : 31 JULY 88

F.S.P. : 101

L.S.P. : 2496

TOTAL SPS : 2396

F.R.N. : 101

L.R.N. : 2496

TOTAL KMS : 59.900

FIRST REEL : 706106

LAST REEL : 706138

NO OF REELS: 33

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

347.5 DEG

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 11.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -1824, 1985

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 31 JULY 1988			VESSEL : M/V MAG CREEK			LINE:OS88A- 19 I.D. 19			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 347.5° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH.				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
101	101	15:32	81			11.9	11.1	10.7	2.8°P	706106	0	101	101	175	175	
151	151	15:40	79			12.2	11.2	11.0	3.2°P	706107	1	176	176	255	255	RW GUN TO ONSET OFFSET
201	201	15:47	81			11.6	10.9	10.4	2.5°P	706108	2	256	256	335	335	96 9s 50.7ms 134ms 1312m
251	251	15:55	81			12.5	11.2	10.4	2.9°P	706109	0	336	336	415	415	97 25s 50.5ms - -
301	301	16:02	80			11.9	11.1	9.7	2.5°P							98 9p 51.3ms 134ms 130.3m
351	351	16:10	80			11.6	11.1	10.4	3.0°P	706110	1	416	416	495	495	99 25p 51.3ms 134ms 130.3m
451	451	16:24	80			11.6	11.3	11.0	3.1°P	706111	2	496	496	575	575	AV. OFFSET=130.6m
501	501	16:32	80			11.6	11.4	11.0	3.1°P							100 BOL NOISE
551	551	16:39	80			12.2	11.4	10.7	2.6°P	706112	0	576	576	655	655	2497 EDL NOISE
601	601	16:46	79			12.2	11.8	11.3	2.6°P	706113	1	656	656	735	735	
651	651	16:54	80			11.9	11.5	11.3	1.8°P	706114	2	736	736	815	815	OCCASIONAL SWELL BURSTS FROM BOL
701	701	17:01	78	726	BR	12.2	11.6	9.7	2.5°P							
751	751	17:08	78			12.8	11.9	11.3	1.9°P	706115	0	816	816	895	895	
801	801	17:16	77			12.2	11.9	11.6	2.6°P	706116	1	896	896	975	975	
851	851	17:23	77			12.5	11.9	11.3	2.8°P	706117	2	976	976	1055	1055	
901	901	17:30	77			12.2	11.8	11.3	2.4°P							
951	951	17:38	78			12.2	11.6	11.0	2.7°P	706118	0	1056	1056	1135	1135	
1001	1001	17:45	77			12.5	11.9	11.3	1.8°P	706119	1	1136	1136	1215	1215	
1051	1051	17:52	78			11.9	11.6	11.3	1.4°P	706120	2	1216	1216	1295	1295	
1101	1101	18:00	77			12.2	11.7	11.3	1.4°P							
1151	1151	18:07	76			12.2	11.8	10.7	1.6°P	706121	0	1296	1296	1375	1375	
1201	1201	18:14	77			12.2	11.7	11.3	2.1°P							
1251	1251	18:22	77			12.2	11.7	11.3	1.9°P							
1301	1301	18:29	77			12.5	11.9	11.6	1.7°P							
1351	1351	18:36	76			12.5	11.7	11.3	1.3°P							

P1-A9820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec			FORMAT : SEG D				
DATE 31 JULY 1988			VESSEL : M/V MAG CREEK			LINE:OS88A- 19 I.D.19			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 2 of 2			PARTY : 2993			DIRECTION : 347.5° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
1401	1401	18:43	75			11.9	11.2	10.4	1.2°P	706122	1	1376	1376	1455	1455	
1451	1451	18:50	76			11.9	11.5	9.1	0.6°P	706123	2	1456	1456	1535	1535	
1501	1501	18:58	77			11.9	11.3	9.7	0.5°P							
1551	1551	19:05	75			12.2	11.5	10.7	0.8°P	706124	0	1536	1536	1615	1615	
1601	1601	19:12	74			11.9	11.3	10.1	0.8°P	706125	1	1616	1616	1695	1695	
1651	1651	19:19	75			12.2	11.9	11.6	1.1°P	706126	2	1696	1696	1775	1775	
1701	1701	19:26	73			12.5	11.9	11.3	1.8°P							
1751	1751	19:33	73			12.2	11.8	10.7	1.8°P	706127	0	1776	1776	1823	1823	
1801	1801	19:40	75	1824	B.R.	12.2	11.6	11.0	1.8°P	706128	1	1824	1824	1824	1824	
1851	1851	19:48	74			11.9	11.6	11.0	1.7°P	706129	2	1825	1825	1904	1904	
1901	1901	19:55	74			11.9	11.6	11.0	0.9°P							
1951	1951	20:02	75			12.5	11.6	11.0	0.9°P	706130	0	1905	1905	1984	1984	
2001	2001	20:09	72	1985	B.R.	12.2	11.8	11.3	0.9°P	706131	1	1985	1985	1985	1985	
2051	2051	20:17	71			12.2	11.7	11.6	0.4°P	706132	2	1986	1986	2065	2065	
2101	2101	20:24	71			12.5	11.9	11.6	0.5°P							
2151	2151	20:32	70			12.2	11.7	11.3	0.2°P	706133	0	2066	2066	2145	2145	
2201	2201	20:39	72			11.9	11.7	11.3	0.2°S	706134	1	2146	2146	2225	2225	
2251	2251	20:46	70			11.9	11.8	11.6	0.5°S	706135	2	2226	2226	2305	2305	
2301	2301	20:53	71			12.2	11.7	11.3	0.4°S							
2351	2351	21:01	66			12.2	11.8	11.6	0.6°S	706136	0	2306	2306	2385	2385	
2401	2401	21:08	58			12.2	11.9	11.6	0.2°P	706137	1	2386	2386	2465	2465	
2451	2451	21:15	50			12.5	11.8	11.3	0.6°P	706138	2	2466	2466	2496	2496	
2496	2496	21:22	43			11.9	10.6	4.1	0.3°P							
45-01-4-8-2 NGA																

12.01.4-8-2 N8A

12.01.4-8-2 N8A



M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~SIPPLELAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : OS88A-21A

DATE : 28 JULY 88

F.S.P. : 101

L.S.P. : 2537

TOTAL SPS : 2437

F.R.N. : 101

L.R.N. : 2536

TOTAL KMS : 60.925

FIRST REEL : 705829

LAST REEL : 705859

NO OF REELS: 31

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION  
N  
347.6 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : 1FP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : F.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 123 Metres  
STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -CONSIDERED COMPLETE.  
MISSED SHOTPOINTS : -2466.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.  
LINE TERMINATED EARLY DUE TO PROBLEMS TURNING AT END OF RUN-OUT.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 28-7-88			VESSEL : M/V MAG CREEK			LINE:OS88A-219 I.D.1021			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 347.6 TRUE			TRACES : 300 + 12 Aux			OPERATOR : M & N				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
101	101	03:40	79			10.1	9.5	8.8	3.25	705829	0	101	101	175	175	RN GUN TV ONSET OFFSET
151	151	03:47	79			10.1	9.6	8.8	2.15							96 95 51.5 130 124.0
201	201	03:55	79			9.7	9.3	8.5	1.75	705830	1	176	176	255	255	97 255 51.3 130 124.03
251	251	04:03	79			10.7	9.4	8.8	1.65							98 94 51.5 130 124.0
301	301	04:10	79			10.7	9.6	9.1	2.25	705831	2	256	256	335	335	99 256 51.4 128 121.15
351	351	04:18	78			10.7	9.5	8.8	1.95							AV OFFSET : 123.36
401	401	04:26	79			10.7	9.6	9.1	2.25	705832	0	336	336	415	415	100 BOX NOISE
451	451	04:33	79			10.4	9.5	8.8	2.65							2539 EOL NOISE
501	501	04:41	78			10.7	9.7	8.8	2.55	705833	1	416	416	495	495	
551	551	04:48	80			11.0	9.5	9.1	2.75							OCCASIONAL SWELL BURSTS
601	601	04:56	79			10.4	9.5	8.8	3.25	705834	2	496	496	575	575	
651	651	05:03	80			11.0	9.6	8.8	3.35	705835	0	576	576	655	655	* MORE THAN OCCASIONAL SWELL BURSTS
701	701	05:11	79			11.0	9.6	8.8	3.25	705836	1	656	656	735	735	
751	751	05:19	78			10.4	9.3	9.1	3.75	705837	2	736	736	815	815	
801	801	05:26	78			11.0	9.6	8.8	3.35	705838	0	816	816	895	895	
851	851	05:34	78			10.4	9.6	8.8	3.55	705839	1	896	896	975	975	
901	901	05:41	78			11.3	9.8	9.1	3.55	705840	2	976	976	1055	1055	
951	951	05:48	79			10.1	9.4	8.8	3.45	705841	0	1056	1056	1135	1135	
1001	1001	05:56	79			10.4	9.7	9.1	3.55							
1051	1051	06:03	78			10.4	9.7	9.1	3.55	705842	1	1136	1136	1215	1215	
1101	1101	06:11	79			10.1	9.8	9.4	3.55							
1151	1151	06:18	78			10.4	9.9	9.4	3.95	705843	2	1216	1216	1295	1295	
1201	1201	06:25	79			10.1	9.6	9.4	3.85							
1251	1251	06:33	79			10.7	9.7	9.1	3.65							

A12-A8820

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE 28 July 88				VESSEL : M/V MAG CREEK				LINE:OS88A- 21A I.D. 1021				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE 2 of 2				PARTY : 2993				DIRECTION : 347.6 TRUE				TRACES : 300 + 12 Aux				OPERATOR : M & NH			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI	AV	LO	FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP	FRN	FSP	LRN	LSP	COMMENTS			
1301	1301	06:40	78			10.7	9.7	9.1	3.65	705844	0	1296	1296	1375	1375				
1351	1351	06:47	78	1351/2000	BR	11.0	9.9	9.1	3.85	705845	1	1376	1376	1455	1455				
1401	1401	06:55	77			10.7	9.6	9.1	3.75	705846	2	1456	1456	1535	1535				
1451	1451	07:02	77			10.4	9.7	8.8	2.95	705847	0	1536	1536	1615	1615				
1501	1501	07:09	76			10.4	9.6	8.8	2.45	705848	1	1616	1616	1695	1695				
1551	1551	07:17	76			10.4	10.0	9.1	2.75	705849	2	1696	1696	1775	1775				
1601	1601	07:24	75			10.4	9.6	9.1	2.55										
1651	1651	07:31	75			10.4	9.7	9.4	2.65	705850	0	1776	1776	1855	1855				
1701	1701	07:38	74			11.0	9.7	8.8	1.95	705851	1	1856	1856	1935	1935				
1751	1751	07:46	73			10.7	9.7	9.4	1.65	705852	2	1936	1936	2015	2015				
1801	1801	07:53	73			11.9	9.5	8.5	1.65										
1851	1851	08:00	73			10.4	9.4	7.9	1.75	705853	0	2016	2016	2095	2095				
1901	1901	08:08	74			10.4	9.6	9.1	2.05	705854	1	2096	2096	2175	2175				
1951	1951	08:15	74			10.7	9.5	8.2	2.35	705855	2	2176	2176	2255	2255				
2001	2001	08:22	73			10.7	9.7	8.8	2.65	705856	0	2256	2256	2335	2335				
2051	2051	08:30	73			12.2	10.1	9.1	2.05										
2101	2101	08:37	72			11.0	9.9	9.1	2.15	705857	1	2336	2336	2415	2416				
2151	2151	08:45	70			10.4	9.6	9.1	1.35	705858	2	2416	2417	2495	2496				
2226	2226	08:55	71			10.7	9.7	8.8	1.25	705859	0	2496	2497						
2301	2301	09:02	70			10.7	9.6	8.5	0.95										
2351	2351	09:14	71			10.4	9.8	9.4	0.55										
2401	2401	09:21	69	SEE COMMENTS	10.4	9.8	9.4	0.55											
2451	2451	09:29	60			10.1	9.3	8.2	0.65										
2501	2501	09:36	43			10.7	9.6	8.8	1.25										
2526	2526	09:41	39			10.1	9.1	8.8	1.25										

SP	Ln	Type
NOTE	2464	2464 BR (600)
	2465	2465 BR
	2466	— MISSED
	2467	2467 BR
	2468	2468 BR
	2469	2469 BR
	2470	2470 BR
	2471	2471 BR
	2472	2471 (600) (04)

LAST FLE # 2536  
 LAST SURROUND # 2537  
 LAST TAPE # 705859

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~OTWAY~~  
GIPPSLAND BASIN

PARTY NO : 2993

LINE NO : 0588A-23

DATE : 28 JULY 88

F.S.P. : 2144

L.S.P. : 1939

TOTAL SPS : 206

L.G.S.P. : 1940

F.R.N. : 101

L.R.N. : 306

TOTAL KMS : 5.150

L.G.R.N. : 305

FIRST REEL : 705860

LAST REEL : 705862

NO OF REELS: 3

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

167.8 DEG.

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

TERMINATED DUE TO SHIP NOISE. PROCESS SPS 2144 THRU ~~2140~~ ONLY

1940

[illegible]

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0588A-23A

DATE : 28 JULY 88

F.S.P. : 2094

L.S.P. : 714

TOTAL SPS : 1381

L.G.S.P. : 730

F.R.N. : 101

L.R.N. : 1481

TOTAL KMS : 34.525

L.G.R.N. : 1464

FIRST REEL : 705864

LAST REEL : 705881

NO OF REELS : 18

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

167.8 DEG.

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 124 Metres  
STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS : TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -TO BE COMPLETED.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

TERMINATED DUE TO STREAMER FAILURE.  
PROCESS SPS 2094 THRU 731 ONLY

## OVERLAP DIAGRAM

LINE NO. 0588A-23

L.D. 23

DIR. 167.8 DEG.

```

FSP 2144          SP 2094      LGSP 1940          LSP 1939
X----->-----X-----X-----X
      | < 155 SP > |      BAD DATA
      |             |
      | OVERLAP     |
      X-----X----->-----X-----X
          FSP 2094          SP 1940      LGSP 730  LSP 714

```

LINE NO. 0988A-23A

I.D. 1023

DIR. 167.8 DEG.

## COMMENTS

LINE 0588A-23 TERMINATED DUE TO SHIP'S NOISE.

LINE 0988A-23A TERMINATED DUE TO STREAMER FAILURE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D					
DATE 28 JULY 1988			VESSEL : M/V MAG CREEK			LINE:OS88A-23A I.D.1023			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec					
PAGE 1 of 2			PARTY : 2993			DIRECTION : 167.8° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH					
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS	
101	2094	16:26	74			11.0	10.0	9.1	0.7°P	705864	0	101	2094				
151	2044	16:34	74			10.7	10.1	9.4	0.3°P					175	2020		R.N. GUN TO ONSET OFFSET
201	1994	16:41	73			10.4	9.9	9.4	1.1°P	705865	1	176	2019				96 9s 51.0ms 132ms 127.75m
251	1944	16:49	74			10.4	10.2	9.4	1.5°P					255	1940		97 25s 51.5ms 134ms 130.0m
301	1894	16:56	73			10.7	10.0	9.4	2.1°P	705866	2	256	1939				98 9p 51.4ms 132ms 127.15m
351	1844	17:04	74			10.4	9.9	9.7	1.8°P					335	1860		99 25p 51.5ms 132ms 127m
401	1794	17:11	75			10.4	10.0	9.7	1.4°P	705867	0	336	1859				
451	1744	17:19	74			10.4	9.9	9.1	1.7°P					415	1780		AV. OFFSET=127.9m
501	1694	17:27	76			10.7	10.1	8.8	2.5°P	705868	1	416	1779				
551	1644	17:34	76			10.7	10.2	9.7	3.0°P					495	1700		100 BOL NOISE
601	1594	17:42	76			11.0	10.1	9.4	2.7°P	705869	2	496	1699				BOL NOISE
651	1544	17:49	77			10.4	10.0	9.7	2.4°P					575	1620		
701	1494	17:57	77			10.4	10.1	9.7	1.6°P	705870	0	576	1619				SWELL BURSTS FROM BOL
751	1444	18:05	77			11.0	10.0	9.7	2.2°P					655	1560		TRACE 199 SPIKEY
801	1394	18:12	78			10.4	9.9	9.7	3.1°P	705871	1	656	1539				FROM BOL
851	1344	18:20	78			10.4	10.0	9.4	3.2°P					735	1460		
901	1294	18:28	78			10.7	10.1	9.4	3.7°P	705872	2	736	1459				
951	1244	18:35	79			10.4	10.1	9.7	3.6°P					815	1380		
1001	1194	18:43	80			11.0	10.3	9.4	4.0°P	705873	0	816	1379				
1051	1144	18:51	78			10.4	10.1	9.7	3.4°P					895	1300		
1101	1094	18:58	81			10.7	10.2	9.7	3.0°P	705874	1	896	1299				
1151	1044	19:06	80			10.4	10.0	9.1	4.3°P					975	1220		
1201	994	19:14	79			10.4	9.9	9.4	4.6°P	705875	2	976	1219	1055	1160		
										705876	0	1056	1139	1135	1060		
										705877	1	1136	1059	1215	980		



[illegible]

23-25-4-8-2 USA

# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~STEEPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-23B

DATE : 28 JULY 88

F.S.P. : 884

L.S.P. : 020

TOTAL SPS : 865

F.R.N. : 101

L.R.N. : 965

TOTAL KMS : 21.625

FIRST REEL : 705882

LAST REEL : 705892

NO OF REELS: 11

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BP1

DIRECTION

N

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

167.8 DEG.

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 126 Metres  
STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES: - 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

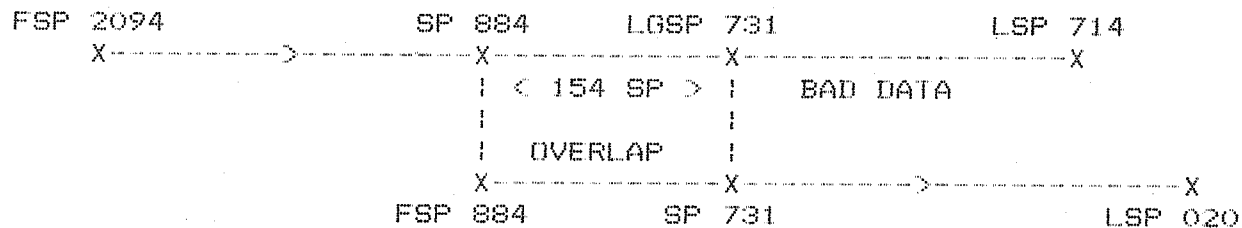
FOR OVERLAP DETAILS SEE THE ATTACHED DIAGRAM.

OVERLAP DIAGRAM

LINE NO. 0S88A-23A

I.D. 1023

DIR. 167.8 DEG.



LINE NO. 0S88A-23B

I.D. 2023

DIR. 167.8 DEG.

COMMENTS

LINE 0S88A-23 TERMINATED DUE TO VESSEL NOISE.

LINE 0S88A-23A TERMINATED DUE TO STREAMER FAILURE.

LINE 0S88A-23B COMPLETE.

252-48820

MARINE FIELD DATA				CLIENT : SHELL				PROSPECT : OTWAY VIC/P-28				RECORD LENGTH : 6 Sec.				FORMAT : SEG D			
DATE 28 JULY 1988				VESSEL : M/V MAG CREEK				LINE:OS88A-238 I.D.2023				SAMPLE RATE : 2 Msec				GUN DELAY : 51.2 Msec			
PAGE 1 of 1				PARTY : 2993				DIRECTION : 167.7° TRUE				TRACES : 300 + 12 Aux				OPERATOR : T J GEM			
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC. N	TYPE	CABLE DEPTHS HI	AV	LO	FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP	FRN	FSP	LRN	LSP	COMMENTS			
101	884	22:31	78			11.0	10.1	9.4	0.6°S	705882	0	101	884						
151	834	22:38	79			10.4	10.1	9.4	0.1°S					175	810		RN GUN TO ONSET OFFSET		
201	784	22:46	78			10.7	10.2	9.7	0.2°P	705883	1	176	809				96 9s 513ms 130 12.4.3		
251	734	22:53	78			10.4	10.0	9.7	0.4°S					255	730		97 25s 513ms 130 12.4.3		
301	684	23:01	79			10.4	10.0	9.7	1.2°S	705884	2	256	729				98 9p 51.1ms 132 12.7.6		
351	634	23:08	80			11.0	10.3	9.7	0.7°S					335	650		99 25p 51.4ms 132 12.7.2		
401	584	23:16	79			10.4	10.2	9.7	0.6°S	705885	0	336	649				AV. OFFSET = 125.9		
451	534	23:23	81			10.1	10.1	9.7	1.2°S					415	570				
501	484	23:31	79			11.0	10.3	10.1	1.6°S	705886	1	416	569				100 BOL NOISE		
551	434	23:39	78			10.4	10.0	9.7	2.0°S					495	490		966 EOL NOISE		
601	384	23:46	80			10.4	9.9	9.7	2.1°S	705887	2	496	489						
651	334	23:53	81			10.4	10.0	9.4	2.3°S					575	410				
701	284	00:01	79			10.4	10.2	9.7	3.2°S	705888	0	576	409	655	330		OCCASIONAL SWELL BURSTS		
751	234	00:08	77			10.4	10.0	9.4	3.5°S	705889	1	656	329	735	250		OBSERVED ON STREAMER		
801	184	00:16	79			10.4	10.0	9.7	3.3°S	705890	2	736	249	815	170		(SP# 4,00 →		
851	134	00:23	79			10.4	10.0	9.4	3.5°S										
901	84	00:31	79			10.4	9.9	9.4	4.1°S	705891	0	816	169	895	90				
951	34	00:38	78			10.4	10.0	9.7	3.9°S	705892	1	876	89	965	20				
1001	20	00:40	78			10.7	10.1	9.7	4.3°S										

OS-01-01-8-2 USA 00-01-01-8-2 USA  
VEN-2-8-14-55-52

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-25

DATE : 29 JULY 88

F.S.P. : 101

L.S.P. : 2567

TOTAL SPS : 2467

F.R.N. : 101

L.R.N. : 2567

TOTAL KMS : 61.675

FIRST REEL : 705893

LAST REEL : 705923

NO OF REELS: 31

RECORD LENGTH : 6 Seconds  
 RECORD DELAY : 0 Seconds  
 SAMPLE RATE : 2 Milliseconds  
 FILTERS HIGH : 128/72  
 LOW : 8/18  
 RECORDING FORMAT : SEG D  
 PACKING DENSITY : 6250 BPI

	DIRECTION
	N
347.7 DEG.	
	-----+
	S

PREAMP GAIN : Low  
 RECORD GAIN MODE : IFP  
 REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
 AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
 AIRGUN ARRAY VOL. : 2180 cubic inches  
 AIRGUN PRESSURE : 1800 PSI  
 AIRGUN DEPTH : 6 Metres  
 TIMING DELAY : 51.2 Milliseconds  
 TRACE MIX : 1:1 Traces 001-300  
 TOTAL CHANNELS : 312  
 AUX. CHANNELS : 301-312  
 DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
 SKIN : P.U.  
 STREAMER LENGTH : 3750 Metres  
 GROUP INTERVAL : 12.5 Metres  
 SHOTPOINT INTERVAL : 25.0 Metres  
 OFFSET : 124 Metres  
 STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
 FREQUENCY : 427 MHz  
 SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
 TRACES:- 1, 25, 49, 73, 97,  
 121, 145, 181, 205,  
 229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
 COMPASSES EXCLUDED: -NIL.  
 LINE STATUS : -CONSIDERED COMPLETE.  
 MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

LINE TERMINATED EARLY DUE TO SHALLOW WATER DEPTHS.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 29 July: 88			VESSEL : M/V MAG CREEK			LINE: OS88A-25 I.D. 025			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of			PARTY : 2993			DIRECTION : 347.15 TRUE			TRACES : 300 + 12 Aux			OPERATOR : MDL & WB				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
101	101	02:06	77			10.7	10.0	9.4	5.1°P	705893	0	101	101	175	175	RN GUN TD ONSET OFFSET.
151	151	02:14	77			10.7	10.0	9.4	4.2°P	705894	1	176	176	255	255	96 93 51.3 130 124.3
201	201	02:22	77			10.7	10.3	9.7	4.3°P							97 253 51.6 130 123.9
251	251	02:29	80			10.7	10.0	9.4	3.5°P	705895	2	256	256	335	335	98 9P 51.6 130 123.9
301	301	02:37	78			10.4	10.0	9.1	3.6°P	705896	0	336	336	415	415	99 25P 51.5 130 124.0
351	351	02:45	80			10.4	10.2	9.7	3.5°P							AU OFFSET 124.0
401	401	02:52	79			10.4	10.0	9.4	3.3°P	705897	1	416	416			100 BOH NOISE
451	451	03:00	77			11.0	10.0	9.1	2.9°P					495	495	2568 EOL NOISE.
501	501	03:09	78			10.4	10.0	9.4	3.1°P	705898	2	496	496			FREQUENT.
551	551	03:17	77			10.4	10.0	9.4	2.5°P					575	575	SWEET BURSTS AT B.O.L. &
601	601	03:25	76			10.4	9.9	9.1	2.4°P	705899	0	576	576			CONTINUED TO E.O.L.
651	651	03:33	78			10.4	10.0	9.4	2.1°P					655	655	
701	701	03:40	79			10.4	9.8	9.1	2.0°P	705900	1	656	656	735	735	
751	751	03:47	79			10.4	9.9	9.4	1.5°P	705901	2	736	736			
801	801	03:54	79			10.4	10.0	9.7	1.6°P					815	815	LAST SPX 2567
851	851	04:02	80			10.4	10.0	9.1	1.2°P	705902	0	816	816	895	895	LAST RN 2567
901	901	04:08	77			10.4	10.0	9.4	0.9°P	705903	1	896	896	975	975	LAST TAPEX 705923
951	951	04:15	79			10.4	10.1	9.1	0.5°P							
1001	1001	04:22	79			11.0	10.1	9.7	0.7°P	705904	2	976	976	1055	1055	
1051	1051	04:30	78			10.1	9.8	9.1	0.8°P	705905	0	1056	1056	1135	1135	
1101	1101	04:37	77			10.1	9.7	9.1	0.0°							
1151	1151	04:45	78			10.7	10.0	9.1	0.4°S	705906	1	1136	1136	1215	1215	
1201	1201	04:53	77			10.7	10.1	9.4	0.2°P							
1251	1251	05:00	77			10.4	9.9	9.1	0.2°S	705907	2	1216	1216			
1301	1301	05:08	77			10.4	10.0	9.7	0.9°S					1295	1295	

20-48820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 29. July: 88			VESSEL : M/V MAG CREEK			LINE: OS88A-25 I.D. 025			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 2 of			PARTY : 2993			DIRECTION : 347 TRUE			TRACES : 300 + 12 Aux			OPERATOR : MRLNB				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
1351	1351	05:17	75			10.4	10.1	9.7	0.7°S	705908	0	1296	1296	1375	1375	SP 1351 VESSEL NOISE VISIBLE
1401	1401	05:26	77			10.7	10.3	10.1	1.0°S	705909	1	1376	1376	1455	1455	ON CABLE TILL SP 1801
1451	1451	06:35	77			10.7	10.2	9.7	1.6°S	705910	2	1456	1456			SP 1751 TO SP 1871 CABLE
1501	1501	05:43	76			10.4	10.1	9.7	1.8°S					1535	1535	AFFECTED BADLY WITH RANDOM
1551	1551	05:52	75			10.7	10.1	9.4	1.7°S	705911	0	1536	1536	1615	1615	SWELL BURSTS
1601	1601	06:01	74			10.1	9.9	9.7	1.3°S	705912	1	1616	1616			
1651	1651	06:10	75			10.7	10.0	9.4	1.7°S					1695	1695	
1701	1701	06:19	75			11.0	10.0	9.1	2.4°S	705913	2	1696	1696	1775	1775	FROM SP 2151 TAKE 199
1751	1751	06:27	74			10.4	9.8	9.4	3.0°S	705914	0	1776	1776	1855	1855	SPIKING
1801	1801	06:34	73			11.9	10.3	9.4	2.0°P							
1851	1851	06:42	73			11.0	9.8	8.5	1.7°P	705915	1	1856	1856	1935	1935	SP 2455 TO SP 2469 CABLE
1901	1901	06:50	73			10.7	10.2	9.7	2.0°S							AFFECTED BADLY WITH RANDOM
1951	1951	06:57	70			11.6	10.6	9.7	2.8°S	705916	2	1936	1936			SWELL BURSTS.
2001	2001	07:05	73			11.0	10.4	10.1	1.8°S					2015	2015	
2051	2051	07:13	74			11.0	10.3	9.7	2.2°S	705917	0	2016	2016	2095	2095	
2101	2101	07:21	70			11.0	10.3	9.7	1.9°S	705918	1	2096	2096	2175	2175	
2151	2151	07:28	63			10.7	10.0	9.4	1.6°S							
2201	2201	07:36	64			11.0	10.1	9.4	1.1°S	705919	2	2176	2176	2255	2255	
2251	2251	07:43	64			11.0	10.1	9.7	0.8°S	705920	0	2256	2256	2335	2335	
2301	2301	07:51	64			10.7	10.1	9.7	0.9°S							
2351	2351	07:59	64			11.0	10.3	9.7	1.2°S	705921	1	2336	2336	2415	2415	
2401	2401	08:06	62			10.7	10.2	10.4	1.0°S	705922	2	2416	2416	2495	2496	
2451	2451	08:14	58			10.7	10.0	9.4	1.2°S							
2501	2501	08:21	51			11.6	10.1	9.4	0.9°S	705923	0	2496	2496	2567	2567	
2567	2567	08:31	45			11.3	10.2	9.7	0.7°S							
PI-01-41 8-2 118A																

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : <sup>OTWAY</sup>~~GIPPSLAND~~ BASIN

PARTY NO : 2993

LINE NO : 0588A-29

DATE : 29 JULY 88

F.S.P. : 101

L.S.P. : 2517

TOTAL SPS : 2417

F.R.N. : 101

L.R.N. : 2517

TOTAL KMS : 60.425

FIRST REEL : 705948

LAST REEL : 705978

NO OF REELS: 31

RECORD LENGTH : 6 Seconds  
 RECORD DELAY : 0 Seconds  
 SAMPLE RATE : 2 Milliseconds  
 FILTERS HIGH : 128/72  
 LOW : 8/18  
 RECORDING FORMAT : SEG D  
 PACKING DENSITY : 6250 BPI  
  
 PREAMP GAIN : Low  
 RECORD GAIN MODE : IFP  
 REPRODUCE MODE : Defloat with PGC

DIRECTION  
 N  
  
 347.4 DEG  
  
 S

AIRGUN TYPE : VSX SLEEVE  
 AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
 AIRGUN ARRAY VOL. : 2180 cubic inches  
 AIRGUN PRESSURE : 1800 PSI  
 AIRGUN DEPTH : 6 Metres  
 TIMING DELAY : 51.2 Milliseconds  
 TRACE MIX : 1:1 Traces 001-300  
 TOTAL CHANNELS : 312  
 AUX. CHANNELS : 301-312  
 DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
 SKIN : P.U.  
 STREAMER LENGTH : 3750 Metres  
 GROUP INTERVAL : 12.5 Metres  
 SHOTPOINT INTERVAL : 25.0 Metres  
 OFFSET : 124 Metres  
 STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
 FREQUENCY : 427 MHz  
 SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
 TRACES:- 1, 25, 49, 73, 97,  
 121, 145, 181, 205,  
 229, 253, 277, 295.

COMMENTS: TRACES TO EDIT :--NIL.  
 COMPASSES EXCLUDED:--NIL.  
 LINE STATUS :--COMPLETE.  
 MISSED SHOTPOINTS :--NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.



MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 29 JULY 1988			VESSEL : M/V MAG CREEK			LINE:OS88A-29 I.D. 29			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 347.4° TRUE			TRACES : 300 + 12 Aux			OPERATOR : RPH				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	101	16:47	78m			10.4	10.0	9.1	2.8°S	705948	0	101	101	175	175	
151	151	16:55	78m			10.1	9.9	9.4	3.3°S	705949	1	176	176	255	255	R.N. GUN T <sub>0</sub> ONSET OFFSET 96 9s 51.2ms 134ms 130.6m 97 25s 51.1ms 134ms 130.6m 98 9p 51.6ms 132ms 126.85m 99 25p 51.3ms 130ms 126.3m AV. OFFSET = 128.05m
201	201	17:02	78m			10.7	10.0	9.4	3.2°S	705950	2	256	256	335	335	
251	251	17:09	76m			10.7	10.1	9.7	2.8°S							
301	301	17:17	78m			10.7	10.2	9.7	2.8°S	705951	0	336	336	415	415	
351	351	17:24	77m			10.4	10.2	9.1	3.1°S	705952	1	416	416	495	495	100 BOL NOISE 2518 FOL NOISE  TAPE HEADER REEL NO.s ARE NOT CORRECT AND ARE AS FOLLOWS: TAPE HEADER FIELD LABEL/LOGS 705748 705948 705749 705949 : 705778 705978
401	401	17:31	79m			10.7	10.1	9.7	3.2°S	705953	2	496	496	575	575	
451	451	17:39	78m			10.7	10.2	9.7	3.4°S							
501	501	17:46	78m			10.7	10.0	9.4	3.3°S	705954	0	576	576	655	655	
551	551	17:53	77m			10.7	10.2	9.4	3.3°S	705955	1	656	656	735	735	Tape Header Reel Nos 705748 705948 705749 705949 : 705778 705978
601	601	18:00	77m			10.4	9.9	9.4	3.4°S	705956	2	736	736	815	815	
651	651	18:08	78m			10.7	10.2	9.7	3.3°S							
701	701	18:15	79m			10.1	10.0	9.4	3.4°S	705957	0	816	816	895	895	
751	751	18:22	76m			10.1	9.9	9.4	3.2°S	705958	1	896	896	975	975	Tape Header Reel Nos 705748 705948 705749 705949 : 705778 705978
801	801	18:29	79m			10.1	9.9	9.4	3.1°S	705959	2	976	976	1055	1055	
851	851	18:36	77m			10.7	10.1	9.7	3.0°S							
901	901	18:44	77m			10.4	9.9	9.4	2.8°S	705960	0	1056	1056	1135	1135	
951	951	18:51	77m			10.7	10.3	10.1	2.8°S	705961	1	1136	1136	1215	1215	Tape Header Reel Nos 705748 705948 705749 705949 : 705778 705978
1001	1001	18:58	78m			10.4	9.9	9.4	2.4°S	705962	2	1216	1216	1295	1295	
1051	1051	19:05	79m			10.7	9.9	9.4	2.3°S							
1101	1101	19:12	78m			10.1	10.0	9.7	2.6°S							
1151	1151	19:19	77m			10.4	9.9	9.4	2.1°S							Tape Header Reel Nos 705748 705948 705749 705949 : 705778 705978
1201	1201	19:27	79m			10.4	10.0	9.4	2.0°S							
1251	1251	19:34	78m			10.7	10.2	9.7	1.6°S							
1301	1301	19:41	80m			10.7	10.1	9.4	1.5°S							

R.N. GUN T<sub>0</sub> ONSET OFFSET  
 96 9s 51.2ms 134ms 130.6m  
 97 25s 51.1ms 134ms 130.6m  
 98 9p 51.6ms 132ms 126.85m  
 99 25p 51.3ms 130ms 126.3m  
 AV OFFSET = 128.05m

100 BOL NOISE  
 2518 BOL NOISE

TAPE HEADER REEL NOS  
 ARE NOT CORRECT AND  
 ARE AS FOLLOWS:

TAPE HEADER FIELD LABEL/LOGS  
 705748 705948  
 705749 705949  
 :  
 :  
 705778 705978

P 2-A8820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 29 JULY 1988			VESSEL : M/V MAG CREEK			LINE:OS88A- 29 I.D. 29			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 2 of 2			PARTY : 2993			DIRECTION : 347.4° TRUE			TRACES : 300 + 12 Aux			OPERATOR :				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
1351	1351	19:49	78m			10.4	9.8m	9.1	1.5°S	705963	0	1296	1296	1375	1375	INTERMITTENT SWELL BURSTS (SP#1493 → EOL)
1401	1401	19:56	77m			10.4	10.0	9.1	1.7°S	705964	1	1376	1376	1455	1455	
1451	1451	20:03	76m			10.4	9.9	9.4	1.5°S	705965	2	1456	1456	1535	1535	
1501	1501	20:10	77m			10.1	10.0	9.7	1.4°S							
1551	1551	20:18	76m			10.1	9.7	9.4	1.6°S	705966	0	1536	1536	1615	1615	
1601	1601	20:25	75m			10.4	10.0	9.7	2.1°S	705967	1	1616	1616	1695	1695	
1651	1651	20:32	74m			11.3	10.3	9.7	2.1°S	705968	2	1696	1696	1775	1775	
1701	1701	20:40	74m			10.4	9.9	9.4	1.9°S							
1751	1751	20:47	73m	1798	BR	10.4	10.0	9.4	1.4°S	705969	0	1776	1776	1855	1855	
1801	1801	20:54	75m			10.7	10.0	9.4	0.6°S	705970	1	1856	1856	1935	1935	
1851	1851	21:01	73m			10.7	10.1	9.7	0.4°S	705971	2	1936	1936	2015	2015	
1901	1901	21:09	73m			10.1	9.7	9.4	0.1°S							
1951	1951	21:16	73m			10.4	9.9	9.4	0.3°S	705972	0	2016	2016	2095	2095	
2001	2001	21:24	72m			10.7	10.1	9.4	0.4°S	705973	1	2096	2096	2175	2175	
2051	2051	21:30	71m			10.4	10.0	9.1	0.2°S	705974	2	2176	2176	2255	2255	
2121	2121	21:40	72m	2127	BR	10.4	9.8	9.4	0.2°P							
2151	2151	21:44	70m			10.7	10.1	9.4	0.2°P	705975	0	2256	2256	2335	2335	
2201	2201	21:51	69m			10.7	10.1	9.7	0.7°P	705976	1	2336	2336	2415	2415	LAST S.P# = 2517
2251	2251	21:59	69m			10.4	9.9	9.1	0.7°P	705977	2	2416	2416	2495	2495	LAST R.N. = 2517
2301	2301	22:06	66m			10.4	9.9	9.1	0.8°P	705978	0	2496	2496	2517	2517	
2351	2351	22:13	62m			10.4	10.2	9.7	0.9°P							LINE COMPLETE/PROCESS
2401	2401	22:20	59m			10.4	9.8	9.1	1.0°P							
2451	2451	22:27	52m			10.7	9.7	9.1	1.3°P							
2501	2501	22:34	46m			10.7	10.1	9.7	1.2°P							
2517	2517	22:36	43m			10.1	9.9	7.6	1.3°P							

P 1-01-4-8-2 218A

P 2-10-4-8-2 218A

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : DS88A-27

DATE : 29 JULY 88

F.S.P. : 1915

L.S.P. : 020

TOTAL SPS : 1896

F.R.N. : 101

L.R.N. : 1996

TOTAL KMS : 47.400

FIRST REEL : 705924

LAST REEL : 705947

NO OF REELS: 24

RECORD LENGTH : 6 Seconds  
 RECORD DELAY : 0 Seconds  
 SAMPLE RATE : 2 Milliseconds  
 FILTERS HIGH : 128/72  
 LOW : 8/18  
 RECORDING FORMAT : SEG D  
 PACKING DENSITY : 6250 BPI  
 PREAMP GAIN : Low  
 RECORD GAIN MODE : IFP  
 REPRODUCE MODE : Defloat with PGC

DIRECTION

N

167.6 DEG.

S

AIRGUN TYPE : VSX SLEEVE  
 AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
 AIRGUN ARRAY VOL. : 2180 cubic inches  
 AIRGUN PRESSURE : 1800 PSI  
 AIRGUN DEPTH : 6 Metres  
 TIMING DELAY : 51.2 Milliseconds  
 TRACE MIX : 1:1 Traces 001-300  
 TOTAL CHANNELS : 312  
 AUX. CHANNELS : 301-312  
 DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
 SKIN : P.U.  
 STREAMER LENGTH : 3750 Metres  
 GROUP INTERVAL : 12.5 Metres  
 SHOTPOINT INTERVAL : 25.0 Metres  
 OFFSET : Metres  
 STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
 FREQUENCY : 427 MHz  
 SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
 121, 145, 181, 205,  
 229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
 COMPASSES EXCLUDED: -NIL.  
 LINE STATUS : -COMPLETE.  
 MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 29-July-88			VESSEL : M/V MAG CREEK			LINE:OS88A- 27 I.D. 027			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 167-6 TRUE			TRACES : 300 + 12 Aux			OPERATOR : MR.				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	1915	10:33	72			10.4	10.1	9.7	2.3°P	705924	0	101	1915	175	1841	
151	1865	10:40	72			10.7	10.2	9.7	2.4°P	705925	1	176	1840	255	1761	96 95 51.3ms 132ms 127.3m
201	1815	10:48	73			11.0	10.2	9.7	2.4°P							97 255 51.8ms (DISREGARD)
251	1765	10:56	75			11.3	10.4	9.7	2.5°P	705926	2	256	1760	335	1681	98 9P 51.3ms 134ms 130.3m
301	1715	11:04	74			11.0	10.2	9.7	2.8°P	705927	0	336	1680	415	1601	99 2SP 51.6ms 132ms 126.85m
351	1665	11:11	75			10.7	10.2	9.4	2.8°P							AV OFFSET = 128.15m
401	1615	11:19	76			10.4	10.0	9.4	2.3°P	705928	1	416	1600	495	1521	100 BOL NOISE
451	1565	11:27	76			11.6	10.3	9.1	2.3°P							1997 EOL NOISE
501	1515	11:34	77			10.4	9.9	9.1	2.2°P	705929	2	496	1520	575	1441	
551	1465	11:42	77			10.7	9.9	9.1	2.4°P	705930	0	576	1440	655	1361	FREQUENT SWELL BURSTS
601	1415	11:49	79			10.7	10.0	9.7	3.1°P							FROM BEGINNING OF LINE
651	1365	11:57	79			10.7	10.2	9.7	3.0°P	705931	1	656	1360	735	1281	
701	1315	12:05	79			11.0	10.2	9.7	2.1°P	705932	2	736	1280	815	1201	
751	1265	12:12	78			10.7	9.9	8.5	1.5°P							
801	1215	12:20	78			10.4	10.0	9.7	2.0°P	705933	0	816	1200	895	1121	
851	1165	12:28	79			10.4	10.1	9.4	1.5°P	705934	1	896	1120	975	1041	
901	1115	12:35	79			10.4	10.0	9.7	1.2°P							
951	1065	12:43	79			10.4	10.0	9.4	1.4°P	705935	2	976	1040	1055	961	
1001	1015	12:50	79			11.0	10.1	9.7	2.0°P	705936	0	1056	960	1135	881	
1051	965	12:58	80			10.7	10.1	9.7	1.6°P	705937	1	1136	880	1215	801	
1101	915	13:05	79			10.4	10.2	9.7	1.2°P							
1151	865	13:13	80			10.4	10.1	9.7	0.8°P	705938	2	1216	800	1295	721	
1201	815	13:20	79			10.7	10.0	9.4	1.0°P	705939	0	1296	720	1375	641	
1251	765	13:28	78			10.4	9.9	9.4	0.5°P							
1301	715	13:36	79			10.4	10.0	9.4	0.7°P							

[illegible]

M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~GIPPSLAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0588A-31

DATE : 30 JULY 88

F.S.P. : 1975

L.S.P. : 017

TOTAL SPS : 1959

F.R.N. : 101

L.R.N. : 2059

TOTAL KMS : 48.975

FIRST REEL : 705979

LAST REEL : 706004

NO OF REELS: 26

RECORD LENGTH : 6 Seconds  
 RECORD DELAY : 0 Seconds  
 SAMPLE RATE : 2 Milliseconds  
 FILTERS HIGH : 128/72  
 LOW : 8/18  
 RECORDING FORMAT : SEG D  
 PACKING DENSITY : 6250 BPI

DIRECTION

N

167.5 DEG.

S

PREAMP GAIN : Low  
 RECORD GAIN MODE : IFP  
 REPRODUCE MODE : Defloat with PGC

AIRGUN TYPE : VSX SLEEVE  
 AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
 AIRGUN ARRAY VOL. : 2180 cubic inches  
 AIRGUN PRESSURE : 1800 PSI  
 AIRGUN DEPTH : 6 Metres  
 TIMING DELAY : 51.2 Milliseconds  
 TRACE MIX : 1:1 Traces 001-300  
 TOTAL CHANNELS : 312  
 AUX. CHANNELS : 301-312  
 DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
 SKIN : P.U.  
 STREAMER LENGTH : 3750 Metres  
 GROUP INTERVAL : 12.5 Metres  
 SHOTPOINT INTERVAL : 25.0 Metres  
 OFFSET : 125 Metres  
 STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
 FREQUENCY : 427 MHz  
 SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:  
 TRACES: - 1, 25, 49, 73, 97,  
 121, 145, 181, 205,  
 229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
 COMPASSES EXCLUDED: -NIL.  
 LINE STATUS : -COMPLETE.  
 MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.



MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 30 : JULY 88			VESSEL : M/V MAG CREEK			LINE:OS88A-31 I.D. 31			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 167.5° TRUE			TRACES : 300 + 12 Aux			OPERATOR : <i>MR &amp; MB</i>				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	1975	23:56	37			10.1	9.7	8.8	23.8°	705 979	0	101	1975	175	1901	
151	1925	00:04	28			10.1	9.5	9.1	67.5°	705 980	1	176	1900	255	1821	RN GUN TO ONSET OFFSET
201	1875	00:12	29			10.1	9.5	8.8	0.3°							96 9s 51.2 128 121.5
251	1825	00:20	45			11.6	9.9	9.4	0.4°	705 981	2	256	1820	335	1741	97 25s 51.4 130 124.2
301	1775	00:27	59			10.1	9.4	8.2	0.7°	705 982	0	336	1740	415	1661	98 9p 48.9 132 130.9
351	1725	00:35	66			10.1	9.4	8.8	0.1°							99 25p 51.4 130 124.2
401	1675	00:43	70			10.1	9.6	9.1	0.5°	705 983	1	416	1660	495	1581	
451	1625	00:51	70			10.1	9.3	8.8	0.9°							AV. OFFSET 125.2
501	1575	00:58	71	876	S.E.	10.4	9.5	9.1	1.2°	705 984	2	496	1580	575	1501	
551	1525	01:06	72			10.4	9.6	9.1	1.2°							100 BOL NOISE
601	1475	01:14	72			10.7	9.7	9.4	1.5°	705 985	0	576	1500	655	1421	2060 EOL NOISE
651	1425	01:22	72			10.1	9.7	9.1	1.4°	705 986	1	656	1420	735	1341	AT B.O.L :-
701	1375	01:30	74			9.7	9.4	8.5	1.6°							FREQUENT SWELL BURSTS.
751	1325	01:38	74			11.0	9.7	8.8	1.4°	705 987	2	736	1340	815	1260	CABLE NOT STRAIGHT.
801	1275	01:45	75			10.1	9.1	8.5	1.4°	705 988	0	816	1260	816	1260	SHIPPING NOISE AT SP:1930.
851	1225	01:52	75			10.4	9.4	9.1	1.7°	705 989	1	817	1259	896	1180	SPX 1901 CABLE FULLY
901	1175	02:00	75			10.7	9.8	9.4	2.0°	705 990	2	<del>897</del> 897	1179	976	1100	STRAIGHT.
951	1125	02:08	75			10.1	9.4	8.8	0.9°							SPX 1380 VESSEL <sup>Noise</sup> CEASED.
1001	1075	02:16	75			10.1	9.5	8.5	1.3°	705 991	0	977	1099	1056	1020	SP 1370 VESSEL NOISE ON CABLE
1051	1025	02:23	76			10.4	9.2	9.4	1.6°	705 992	1	1057	1019	1136	940	COMING FROM ASTERN.
1101	975	02:31	75			10.1	9.5	8.8	1.8°							SP 1270 VESSEL NOISE CEASES
1151	925	02:39	75			10.4	9.3	8.8	2.5°	705 993	2	1137	939	1216	860	
1201	875	02:46	79			9.7	9.5	8.2	2.7°							
1251	825	02:54	77			10.7	9.5	8.8		705 994	0	1217	859			
1301	775	03:02	78			10.1	9.4	9.1	3.4°					1296	780	

15-A8820

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec			FORMAT : SEG D				
DATE 30 JULY:88			VESSEL : M/V MAG CREEK			LINE:OS88A-31 I.D.031			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 2 of 2.			PARTY : 2993			DIRECTION : 167.5° TRUE			TRACES : 300 + 12 Aux			OPERATOR : MR & NB.				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
1351	725	03:11	77			10.1	9.4	8.5	2.3°S	705995	1	1297	779	1376	700	
1401	675	03:19	76			10.1	9.5	8.5	2.5°S	705996	2	1377	699	1456	620	
1451	625	03:28	78			10.1	9.5	8.5	2.7°S	705997	0	1457	619	1536	540	
1501	575	03:35	76			10.4	9.4	8.8	2.9°S	705998	1	1537	539	1616	460	
1551	525	03:43	79			10.1	9.5	8.8	2.1°S							
1601	475	03:51	79			10.7	9.7	9.1	2.0°S	705999	2	1617	459	1696	380	
1651	425	03:59	74			10.7	9.7	8.8	1.7°S	706000	0	1697	379	1776	300	
1701	375	04:07	75			10.4	9.7	8.8	1.6°S							
1751	325	04:15	75			10.1	9.6	9.1	2.6°S	706001	1	1777	299	1856	220	
1801	275	04:23	76			10.1	9.5	8.5	2.5°S							
1851	225	04:31	74			10.1	9.6	8.5	2.3°S	706002	2	1857	219	1936	140	
1901	175	04:39	75			10.1	9.5	8.8	1.6°S							
1951	125	04:47	72			10.7	9.7	8.8	1.7°S	706003	0	1937	139	2016	60	
2001	75	04:54	72			10.1	9.5	8.8	1.5°S							
2051	25	05:02	74			9.7	9.4	8.8	0.8°S	706004	1	2017	59	2059	17	
2059	17	05:03	74			10.1	9.6	9.4	0.5°S							

21-01-1-8-2 118A

21-01-1-8-2 118A



# M/V MAGNIFICENT CREEK

CLIENT : SHELL

PROSPECT : VIC/P28

AREA : ~~SITTULAND~~ <sup>OTWAY</sup> BASIN

PARTY NO : 2993

LINE NO : 0988A-33

DATE : 30 JULY 88

F.S.P. : 101

L.S.P. : 1483

TOTAL SPS : 1383

F.R.N. : 101

L.R.N. : 1483

TOTAL KMS : 34.575

FIRST REEL : 706005

LAST REEL : 706022

NO OF REELS: 18

RECORD LENGTH : 6 Seconds  
RECORD DELAY : 0 Seconds  
SAMPLE RATE : 2 Milliseconds  
FILTERS HIGH : 128/72  
LOW : 8/18  
RECORDING FORMAT : SEG D  
PACKING DENSITY : 6250 BPI

DIRECTION

N

347.7 DEG.

PREAMP GAIN : Low  
RECORD GAIN MODE : IFP  
REPRODUCE MODE : Defloat with PGC

S

AIRGUN TYPE : VSX SLEEVE  
AIRGUN SPREAD : 8.3/8.3/8.3 Metres  
AIRGUN ARRAY VOL. : 2180 cubic inches  
AIRGUN PRESSURE : 1800 PSI  
AIRGUN DEPTH : 6 Metres  
TIMING DELAY : 51.2 Milliseconds  
TRACE MIX : 1:1 Traces 001-300  
TOTAL CHANNELS : 312  
AUX. CHANNELS : 301-312  
DATA CHANNELS : 1-300

STREAMER TYPE : MULTIPLEX  
SKIN : P.U.  
STREAMER LENGTH : 3750 Metres  
GROUP INTERVAL : 12.5 Metres  
SHOTPOINT INTERVAL : 25.0 Metres  
OFFSET : 123 Metres  
STREAMER DEPTH : 10.0 Metres

PRIMARY NAV SYS : SYLEDIS  
FREQUENCY : 427 MHz  
SECONDARY NAV SYS: TRANSIT SATELLITE

LEVELLER/COMPASS LOCATIONS:

TRACES:- 1, 25, 49, 73, 97,  
121, 145, 181, 205,  
229, 253, 277, 295.

COMMENTS: TRACES TO EDIT : -NIL.  
COMPASSES EXCLUDED: -NIL.  
LINE STATUS : -COMPLETE.  
MISSED SHOTPOINTS : -NIL.

INTERMITTENT SWELL BURSTS THROUGHOUT THE LINE.

MARINE FIELD DATA			CLIENT : SHELL			PROSPECT : OTWAY VIC/P-28			RECORD LENGTH : 6 Sec.			FORMAT : SEG D				
DATE 30 June: 88			VESSEL : M/V MAG CREEK			LINE: OS88A- 33 I.D. 033			SAMPLE RATE : 2 Msec			GUN DELAY : 51.2 Msec				
PAGE 1 of 2			PARTY : 2993			DIRECTION : 347.7 TRUE			TRACES : 300 + 12 Aux			OPERATOR : NL & NB.				
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS HI AV LO			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY TP FRN FSP LRN LSP					COMMENTS
101	101	06:41	74			10.1	9.5	8.5	2.0°	706005	0	101	101	175	175	RN Gun TP OFFSET OFFSET
151	151	06:48	74			10.4	9.7	9.4	2.1°	706006	1	176	176	255	255	96 95 51.2 130 124.5
201	201	06:55	74			10.1	9.5	8.8	0.6°							97 255 51.8 132 123.6
251	251	07:03	74			10.1	9.5	8.8	1.5°	706007	2	256	256	335	335	98 9P 51.6 128 120.9
301	301	07:10	70			10.1	9.6	9.4	2.6°	706008	0	336	336			99 25P 51.4 130 124.1
351	351	07:17	70			9.7	9.6	8.8	2.2°					415	415	AV OFFSET. 123.2
401	401	07:24	76			10.1	9.6	9.1	2.1°	706009	1	416	416	495	495	100 BOL NOISE
451	451	07:31	69	S4D	SE	10.4	9.4	8.8	2.2°	706010	2	496	496	575	575	1484 BOL NOISE
501	501	07:38	69			10.4	9.7	9.1	2.4°							
551	551	07:45	70			10.1	9.6	9.4	2.7°	706011	0	576	576			DATA - ACTUAL WERDSE, TAPES
601	601	07:53	73			10.7	9.8	9.1	2.3°					655	655	DONT HAVE THE FIRST 2 DIGITS.
651	651	08:00	70			10.1	9.6	9.1	2.8°	706012	1	656	656			
701	701	08:07	74			10.1	9.3	8.5	2.9°					735	735	SWELL BURSTS.
751	751	08:15	74			10.4	9.4	9.1	2.4°	706013	2	736	736	815	815	706022
801	801	08:21	72			10.1	9.6	9.4	2.4°	706014	0	816	816	895	895	LAST TAPE # <del>1483</del>
851	851	08:29	73			10.4	9.6	9.1	2.2°							" SP # 1483
901	901	08:36	73			10.4	9.6	9.1	1.7°	706015	1	896	896	975	975	" FILE # 1483
951	951	08:43	72			10.7	9.6	9.1	1.4°	706016	2	976	976	1055	1055	
1001	1001	08:50	72			10.4	9.5	8.8	1.1°							
1051	1051	08:57	7.0			10.4	9.5	8.8	1.0°	706017	0	1056	1056	1135	1135	
1101	1101	09:05	65			10.4	9.8	9.4	0.8°	706018	1	1136	1136			
1151	1151	09:12	57			9.7	9.4	8.8	0.5°					1215	1215	
1201	1201	09:19	51			9.7	9.4	8.8	0.7°	706019	2	1216	1216	1295	1295	
1251	1251	09:26	44			10.4	9.7	9.4	0.6°							

EE-A8820

MARINE FIELD DATA		CLIENT : SHELL		PROSPECT : OTWAY VIC/P-28		RECORD LENGTH : 6 Sec.		FORMAT : SEG D								
DATE 30 JULY 88		VESSEL : M/V MAG CREEK		LINE:OS88A-33 I.D. 033		SAMPLE RATE : 2 Msec		GUN DELAY : 51.2 Msec								
PAGE 2 of 2		PARTY : 2993		DIRECTION : 347.7 TRUE		TRACES : 300 + 12 Aux		OPERATOR : M & NB								
RECORD NUMBER	SHOTPOINT NUMBER	LOCAL TIME	WATER DEPTH	EDIT REC.N	TYPE	CABLE DEPTHS			FEATH ANGLE	TAPE NOS	FIELD TAPE ENTRY					COMMENTS
						HI	AV	LO			TP	FRN	FSP	LRN	LSP	
1301	1301	09:34	42			9.7	9.6	9.4	1.1°S	706020	0	1296	1296	1375	1375	FOR LAST 5 kms CABLE SEVERELY EFFECTED BY SWEEN BURSTS.
1351	1351	09:41	40			10.4	9.4	8.8	1.1°S							
1401	1401	09:49	39			10.1	9.5	8.8	1.5°S	706021	1	1376	1376	1455	1455	
1451	1451	09:56	39			10.1	8.8	9.6	1.9°S							
1483	1483	10:01				10.1	9.5	8.8	1.9°S	706022	2	1456	1456	1483	1483	