



**GSLM
2006 SEISMIC SURVEY
TASMANIA BASIN 2D**



OPERATIONS REPORT

FOR

GSLM

APRIL - JUNE 2006

BY

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OF

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TABLE OF CONTENTS

1.	INTRODUCTION	PAGE
1.1	Geographical Area.....	4
1.2	Weather.....	4
1.3	Logistics.....	5
2.	SURVEY	
2.1	Surveying / Chaining.....	6
2.2	Line Clearing.....	6
2.3	Permitting.....	6
3.	RECORDING / PROCESSING	
3.1	Recording Parameters.....	7, 8
3.2	Recording Summary.....	9, 10
3.3	Processing.....	10
4.	APPENDIX	
(A)	Equipment.....	See Marker
(B)	Occupational Health & Safety Standards.....	See Marker
(C)	Tape Listing.....	See Marker
(D)	HSE Statistics.....	See Marker
(E)	Safety Meeting Minutes.....	See Marker
(F)	Vehicle List.....	See Marker
(G)	Crew List.....	See Marker
(H)	Position Numbers.....	See Marker
(I)	Daily Reports.....	See Marker
(J)	Recording Statistics.....	See Marker

1. Introduction

Terrex Seismic was contracted by GSLM to conduct seismic recording operations for approximately 150 kilometers of 2D data within the Tasmania Basin in Tasmania.



Typical Conditions for the Tasmania Basin Survey

1.1 Geographical Area

The acquisition area of the Tasmania Basin 2D was situated around the Great Lakes region of Tasmania, approximately 80 kilometers south of Launceston. The lines were positioned entirely along existing roads and farm tracks with some of the lines located along major sealed roads that had a high volume of daily traffic.

1.2 Weather

The weather varied greatly over the course of the survey from fine mild days to snow and icy conditions that caused standby delays for the crew, a total of 45.2 hours of standby time was logged by the crew.



Overnight and morning snow on the 2nd May made conditions too hazardous for work.

1.3 Logistics

Acquisition commenced on the 24th April 2006 on line TB02-BA after mobilizing from the mainland on the 22nd April 2006. Acquisition was completed on the 2nd June 2006.

All line equipment was mobilized from Melbourne and Sydney to Devonport by Terrex personnel.

Access to the lines was via local roads and farm tracks.

The accommodation for the crew was provided by Waddamanna Camp, the Great Lakes Hotel and Bronte Park Lodge. Each Motel supplied all meals to the crew.

Fuel for all vehicles was supplied by the Shell distributor in Cressy.

All freighting for Crew 403 whilst at the Tasmania Basin 2D was provided by freighting couriers.

All other logistics were supported out of Terrex Seismic Perth Office.

2. SURVEYING

2.1 RANGING / CHAINING / SURVEYING

Line chaining and survey for the entire program were completed by Dynamic Satellite Surveys personnel.

2.2 LINE CLEARING

Line clearing was not required on this prospect.

2.3 PERMITTING

Permitting was carried out by Mr. Geoff Squibb of GSLM.



Difficult conditions with the equipment buried in snow.

3. RECORDING / PROCESSING

3.1 RECORDING PARAMETERS 24th April to 6th May 2006.

Tasmania Basin 2D Tasmania

Acquisition Type:	Sercel 388 - 24 Bit Telemetry System
Energy Source:	3 x Hemi 42,000lb Peak Force 6x6 Truck mounted Vibrators Online
Vibrator Point Interval:	20 metres
Vibrator Array:	15.0 m Pad-Pad / No Moveups
Vibrator Array Location:	Centred between Station Pegs
Receivers:	12 x 10 Hz SM24 Geophones / Group
Receiver Interval:	20 metres
Receiver Array:	20 metres
Receiver Array Location:	Centred on Stations (Centered at SP 1000)
Sweep Length:	6.0 seconds
Number of Sweeps:	3
Sweep Type:	Monosweep
Sweep Frequencies:	10 – 64 Hz
Sweep Taper:	200 msec Taper
Sweep Control:	Pelton Advance 2 Model 5
Accelerometers:	Pelton M5 High Performance
Similarity System:	Pelton VIBRA-SIG
Peak Force:	44000 lbs
Hold Down Weight:	44,200 lbs
Vibrator Drive Level:	Force Control On - 80% Peak Force
Phase Lock:	Ground Force Phase Lock
No. of Channels:	300 Channels
Record Length:	5.0 seconds
Correlation Sample Rate:	2 millisecond
Written to Tape S.R.:	2 millisecond
Output Data Format:	SEG D

3.2 RECORDING PARAMETERS 17th May to 2nd June 2006.

Tasmania Basin 2D Tasmania

Acquisition Type:	Sercel 428 Digital Acquisition System
Energy Source:	3 x Hemi 42,000lb Peak Force 6x6 Truck mounted Vibrators Online
Vibrator Point Interval:	20 metres
Vibrator Array:	15.0 m Pad-Pad / No Moveups
Vibrator Array Location:	Centred between Station Pegs
Receivers:	12 x 10 Hz SM24 Geophones / Group
Receiver Interval:	20 metres
Receiver Array:	20 metres
Receiver Array Location:	Centred on Stations (Centered at SP 1000)
Sweep Length:	12.0 seconds
Number of Sweeps:	2
Sweep Type:	Monosweep
Sweep Frequencies:	6 – 140 Hz
Sweep Taper:	200 msec Taper
Sweep Control:	Pelton Advance 2 Model 5
Accelerometers:	Pelton M5 High Performance
Similarity System:	Pelton VIBRA-SIG
Peak Force:	44000 lbs
Hold Down Weight:	44,200 lbs
Vibrator Drive Level:	Force Control On - 80% Peak Force
Phase Lock:	Ground Force Phase Lock
No. of Channels:	300 Channels
Record Length:	5.0 seconds
Correlation Sample Rate:	2 millisecond
Written to Tape S.R.:	2 millisecond
Output Data Format:	SEG D

3.3 RECORDING TASMANIA BASIN PROSPECT

The first production profile was recorded on line TB02-BA on the 24th April 2006. Acquisition began at 16:00 hours after the completion of wire lines and testing on that same morning. Traffic management was a large part of operations on the Tasmania Basin prospect, with seven vehicles and eleven personnel used for the traffic management teams. This aspect of the contract was the major safety concern with one serious incident occurring during acquisition on line BA. (See HSE End of Contract Report for details.) Security was also an issue in the Great Lakes area with 2000 litres of fuel being stolen at the beginning of the contract from the vibe service truck. Overnight security was employed for the remainder of the job consisting of one personnel and one vehicle. This however didn't stop vandalism occurring with locals damaging some equipment and stealing station pegs which caused some production delays.

Line TB02-BA

Recording commenced on this line on the 24th April from station 4750.5 and was continued until the 4th May 2006 when conditions became difficult with overnight snow and rain bringing a halt to production because of leakage concerns with the 388 system. The decision was made by senior management to change acquisition systems to the Sercel 428 due to its capacity to work in wet weather and increased production rates. The line crew was sent home on break on the 6th May 2006 while the 428 was shipped from Perth. The line crew arrived back in Tasmania on the 17th May 2006 and commenced layout and testing on the 18th, production recommenced on the 19th May 2006. Recording parameters were changed for the restart of production to two, 12 second sweeps, 6 – 140 Hz. Due to changes in the shooting order and additions to the southern end of line BA the stations required renumbering to fit the new system, 90000 was added to each station, the first VP was 2731, then became 92731. Production was completed on line BA at station 87717.5 on the 31st May 2006, a total of 140.66 kms recorded with 86 stations skipped due to power lines, culverts or proximity of buildings.



Conditions on the southern end of line TB02-BA

Line TB02-BB2

Recording commenced on this line on the 1st June 2006, from station 2750.5 in the south and was completed on the 2nd June at station 2299.5 in the north due to budget constraints. A total of 9.02 kilometers was recorded with no VPs skipped. This represented the completion of the contract. Line crew picked up all spread on the 2nd and demobed to Melbourne on the 3rd June 2006.

3.4 PROCESSING

All data 'A' tapes were sent to Fugro Seismic Imaging in Perth for final processing and Data 'B' tapes were sent to GSLM offices in Hobart.



Back crew retrieving equipment from the southern end of line TB02-BA.

APPENDIX A

EQUIPMENT SPECIFICATIONS

SEISMIC ACQUISITION CREW - EQUIPMENT

3.1.1 RECORDING EQUIPMENT

- **SERCEL 388 - 24 Bit 3D Seismic Data Acquisition System**
 - Sun Monitor and Sun Sparc 5 Computer
 - OYO DFM 480 Plotter, UPS, LIM
 - One (1) Sercel Real Time APM - Sweep Correlator
 - Two (2) Fujitsu 3490 Tape Drives
 - One Hundred (100) SU6 Telemetry units (600 Channels)
 - Two Hundred (200) 3 T/O Seismic Cables (600 Channels)
 - Twenty (20) Sercel PSUs and Four (4) Sercel CSUs
 - Six (6) CSU Patch Cables
 - Twenty (20) Battery case power Cords
 - Forty (40) Batteries for SU6 Units
 - One (1) Sercel Handheld Cable Testers
 - Four (4) Sercel Battery Chargers
- **Pelton Vibra Sig Real Time Similarity System**
- One (1) 10 metre 6 DB Boost High Gain Antenna on Recording Truck
- **Sensor SM4 10Hz High Specification Superphones**
- One Thousand two hundred (1200) Geophone strings with 6 ph/group (600 Channels with 12 phones/group)
- One (1) Sensor SMT100 Geophone Tester

Note: Terrex Seismic warrants that 90% of equipment will be used in field and up to 10% may be undergoing repair and maintenance.

3.1.2 SOURCE EQUIPMENT

- **Four (4) HEMI 44 6x6 Truck mounted Vibrators:**
 - **Peak force is 44000lbs per Vibe and**
 - **Hold-Down weight is 44200lbs per Vibe**
- **Four (4) Pelton Advance 2 Model 5 Vibrator Control Electronics**
- One (1) Pelton Encoder Sweep Generator for Recorder
- Three (3) operating Online and One (1) on Standby
- Electronics are capable of Trade Marked **Varisweep**

3.1.3 RECORDING EQUIPMENT

- **SERCEL 428 Seismic Data Acquisition System**
 - Dell Monitor and Dell Computer
 - OYO V12 Thermal Plotter, UPS, LIM
 - One (1) Sercel Real Time APM - Sweep Correlator
 - Two (2) Fujitsu LTO Tape Drives
 - One Hundred and Fifty (150) 4 T/O Seismic Cables (600 Channels)
 - Fifteen (15) Sercel LAULs and Six (6) Sercel LAUXs
 - Twenty (20) Battery case power Cords
 - Twenty (20) Batteries for LAUL Units
 - One (1) Sercel Handheld Cable Testers
 - Four (4) Sercel Battery Chargers
- **Pelton Vibra Sig** Real Time Similarity System
- One (1) 10 metre 6 DB Boost High Gain Antenna on Recording Truck
- **Sensor SM4 10Hz High Specification Superphones**
- One Thousand two hundred (1200) Geophone strings with 6 ph/group (600 Channels with 12 phones/group)
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Note: Terrex Seismic warrants that 90% of equipment will be used in field and up to 10% may be undergoing repair and maintenance.

APPENDIX B

OCCUPATIONAL HEALTH AND SAFETY STANDARDS

Pre-Survey HSE Preparation

- Risk and Hazard Assessment completed following award of seismic contract.
- Site Specific Safety Plan (SSSP) including Medevac Plan completed for each seismic contract.
- Personnel Interviews, Fitness Medicals, Five (5) Panel Drug Tests, Random Drug and Alcohol testing on crew.
- Personnel Contracts (Certified Australian Workplace Agreement), Induction Course, Driving Assessment, Driver Training completed on crew.

Operations

- Crew Management / Communications System:
 - Crew Startup Induction/Safety Meeting.
 - Daily Workgroup Toolbox Meetings.
 - Weekly Senior Personnel Performance/Operations Meeting.
 - Sunday Crew Safety Meeting.
- Sunscreens and UV blockout creams supplied at no cost to all crew members.
- Hats, shirts and covered safety footwear must be worn by field crew at all times.
- Reflective Orange Safety Vests for all Survey and Recording Crew personnel.
- Mobile Satellite Telephones with email facilities and Fax machines are maintained on crew to assist with Safe Operations.
- Crew Medivac procedures in place as per SSSP.
- Full International Red Cross standard First Aid Kit.

APPENDIX C

Tape Listing

GSLM TASMANIA BASIN 2D 3490E Tapes							
Tape #	#ID	Line #	First FFID	Last FFID	First VP	Last VP	Date Recorded
8000A	1	TB02-BA	1	26			26-Apr-06
1A	2	TB02-BA	1	284	4750.5	4456.5	25-Apr-06
2A	3	TB02-BA	285	526	4455.5	4209.5	25-Apr-06
3A	4	TB02-BA	527	706	4208.5	4029.5	26-Apr-06
4A	5	TB02-BA	707	938	4028.5	3797.5	27-Apr-06
5A	6	TB02-BA	939	1170	3796.5	3563.5	27-Apr-06
6A	7	TB02-BA	1171	1410	3562.5	3323.5	28-Apr-06
7A	8	TB02-BA	1411	1652	3322.5	3075.5	28-Apr-06
8A	9	TB02-BA	1653	1879	3074.5	2846.5	2-May-06
9A	10	TB02-BA	1880	1991	2845.5	2732.5	2-May-06
GSLM TASMANIA BASIN 2D LTO Tapes							
Tape #	#ID	Line #	First FFID	Last FFID	First VP	Last VP	Date Recorded
1A	11	TB02-BA	1	1712	92731.5	91082.5	May 06
2A	12	TB02-BA	1713	5092	91081.5	87717.5	May 06
3A	13	TB02-AA2	5093	5556	2749.5	2299.5	June 06

APPENDIX D

HSE STATISTICS

Safety Statistics

Terrex Seismic Man-hours	16,164
Sub-Contractor Man-hours	768
Fatalities	0
LTI	2
MTC	2
First Aid / Medical Cases	14
Incident / Accident Reports	10
Hazard Identification Reports	8
Training Hours	339
Tool Box / Safety Meeting Man-hours	253
Audits / Inspections	104
Drills	0
Land Spills (< 5 litres)	2

Medical Statistics

Clinic Attendance	
Allergic conditions	0
Eye Irritation	1
Colds, Influenza type symptoms	10
Skin Irritations	0
Wound	1
Muscular / Skeletal / Soft Tissue	3
Ambulance	1
GIT: Diarrhoea, Nausea, Vomiting	0
Miscellaneous	2
TOTAL	18

APPENDIX E

SAFETY MEETING MINUTES

SAFETY MEETING



Date: 30-Apr-2006
Location: Tasmania Basin
Crew: 403
Client: GSLM
Conducted by: Jon Turner
Attendance: 36
Meeting opened @ 8.30am
Meeting closed @ 8.45am

ACTION POINTS PREVIOUS MEETING

1. Crew stood down, cease operations. – *Jon Turner responsible. – Continued today for line Crew.*
2. All personnel to remain at camp. – *Jon Turner and Leeton McHugh responsible. Completed.*
3. Notify surveyor crew of accident and cease operations. - *Jon Turner responsible. – Completed.*

TOPICS DISCUSSED

Jon Turner (PM)

- The line crew will remain stood down from road work operations today.
- The vibe crew are permitted to perform hardwires and basic maintenance tasks.
- The line crew will be picking up cigarette butts and litter around camp first thing this morning and then cleaning up the spread trucks, counting equipment, etc under the direction of Warren.
- The crew is currently down on personnel and vehicles so I have decided along with Leeton McHugh that it is unsafe to commence work on the Waddamana Hill Rd until we can find replacements. Two new vehicles are expected to arrive on site today with additional personnel. With these additions I feel that we can now free up Bruce Hannan to supervise all facets of the traffic management.
- With the extra traffic controllers we will be able to cover jug trucks and trouble shooters independently from the front, back and vibe crews.
- Tomorrow is likely to see operations begin on the Waddamana Hill Rd; this is an extremely hazardous road which will require the line crew to lay all the spread down the hill before the vibes can begin shooting. Traffic controllers will be stationed from the top the bottom with relay crews in between to relay messages. Logging trucks that normally use this road will re-route to avoid potential collisions with our vehicles. The vibes are only expected to reach the top of the hill tomorrow afternoon.
- Steve Tobin will bring GSLM representatives to the field of operations tomorrow afternoon. Steve will address the crew tomorrow evening so please make sure you are in the TV room before 6.30pm tomorrow night. He will be giving the crew an update of Matthews condition and also discuss the new workplace agreement.
- Currently Matthews's condition has stabilised however; he is still critical.
- Counsellors have been organised for anybody who feels they need to speak to someone about the events of the past couple of days.

Leeton McHugh (HSEM)

- I will be conducting a risk assessment on the Waddamana / Ouse Rd today looking at the particular hazards we will encounter.
- A card will be organised for the crew to sign and send a message to Matthew and his family.

Warren Campbell (Line Boss)

- Everyone is to help pickup litter and smokers to pickup cigarette butts. If you asked to help with a task please don't go off and hide, we are team here and everybody will help.
- Vehicles can be fuelled up and cabs cleaned out.

ACTION POINTS

1. Vehicles to be cleaned and refuelled. – *All designated drivers responsible.*
2. Spread trucks to have equipment count and cleaned. – *All line crew responsible.*
3. Litter and cigarette butts to be picked up around campsite. – *All personnel responsible.*
4. Risk Assessment on Waddamana Hill Rd and Ouse Rd. – *Leeton McHugh responsible.*
5. Vibes to perform hardwires and maintenance. – *Bob Garden and Nik Helme responsible.*

SAFETY MEETING



Date: 21-May-2006
Location: Tasmania Basin
Crew: 403
Client: GSLM
Conducted by: Jon Turner
Attendance: 35
Meeting opened @ 6.30am
Meeting closed @ 6.45am

ACTION POINTS PREVIOUS MEETING

1. BAC testing to be conducted on all personnel today. – *Leeton McHugh responsible. – Completed.*
2. Vehicles to travel in convoy this morning. – *Warren Campbell responsible. – Completed.*
3. Remediation to begin on the Waddamana fuel spill. – *Leeton McHugh responsible. – Sourcing outside contractor.*
4. Spill kit and ground sheet to be purchased for fuel truck. – *Leeton McHugh responsible. – Sourcing products.*
5. Check transfer case on cable truck before it leaves camp. – *Bob Garden responsible. – Completed.*
6. Vehicle keys to be left in the cable shop tonight. – *designated drivers responsible. – Completed.*

TOPICS DISCUSSED

Jon Turner (PM)

- Safety meeting this morning have a think about any hazards you have noticed the field. We can discuss controls for those hazards.
- Our fuel has arrived onsite, tonight you will be able to fill up out of the bowser at the general store.
- Road conditions again will pose a problem, little bit of light drizzle and fog so slippery conditions and poor visibility. Keep your vehicle speed down and take extra caution on bends.
- We will organise the bus to leave from Miena earlier next week and make sure that all your overnight bags are waiting for you.
- Some flat tyres on vehicles, give them to me for replacements, we don't have tyre changing equipment onsite so they will need to be sent away for repair.
- Back Crew will be coming to the double pin flags today where lines BA runs into AA, the pegs are labelled.
- When everybody returns from the field tonight you will be able to move back into your previous rooms.

Leeton McHugh (HSEM)

- A mention of the oil spill we had yesterday, this one is significantly bigger than the diesel spill at Waddamana, approximately 20 litres of hydraulic oil burst from a gauge on one of the vibrators. The oil has pooled itself on the side of the road next to the table drain on line BA. The oil has been contained and partially remediated by using our Enretech 1 bio-remediation material. I will report this to head office our client GSLM and to the local council as required by Terrex Major Oil Spill procedures and statutory legislation. The area will be cordoned off by way of traffic cones. Under no circumstances will any vehicle drive over and thru the spill as this will spread the oil over a public road and cause a more detrimental effect on the area. The spill did not occur near a cultural heritage site or threatened species habitat. No one was injured by the burst gauge which is extremely lucky as the gauges and hoses do hold very high pressures. The root causes of the incident will be investigated however I need to pass on important information to all personnel. That is all designated drivers must regularly monitor your vehicle gauges and vibrate operators their hydraulic gauges as the warning signs can be missed if we neglect to check our instruments.

- Light vehicles are just as likely to spill anti freeze coolant from a blown radiator hose, the contents of which will need to be treated just the same as an oil spill due to it being a hazardous substance. Any problems with vehicle instruments must be reported immediately to your direct supervisor so Bob can begin to investigate and repair the fault. Make sure you are doing your vehicle checks in the morning looking at oil and fluid levels.
- Some bends after the Waddamana Bridge are difficult to see around, slow down when taking those corners as a potential for head on is very real.
- Some people are very tired this morning so if you are please let a passenger drive.
- We will need maps for the crew so they don't get lost returning home.

Warren Campbell (Line Boss)

- When passing the vibes make sure the windows are up as a hose that blows can spray to the access side of the machine.
- Good work back crew yesterday.
- Cut off time at the end of the day will be 4.30pm; this will allow the traffic controllers to dismantle road signs before dark.

Bob Garden (Vibe Tech)

- I will be busy this morning fixing Megan's vehicle as it has no headlights working, those of you who have flat tyres will need to change them yourself.
- Vibe operators should never leave their machines unattended because if there is a failure there will no one able to turn off the machine.

Guy Eberhardt (Vibe Operator)

- Some vehicles have not got the correct jacking equipment. We will need to purchase some wheel braces for the 4wd hire vehicles as they were supplied without them.

Dave Berger (Observer)

- I have noticed a few times vehicles parked beside each other on the road, a reminder that last month this was the cause of a near miss. Please refrain from this practice and park behind each other on the same side of the road.
- Good work line crew yesterday.

ACTION POINTS

1. Purchase wheel braces for vehicles that don't have them. (3) land cruisers. – *Jon Turner and Leeton McHugh responsible.*
2. Organise the bus to leave from Miena earlier next week. – *Jon Turner responsible.*
3. Flat tyres to be repaired by outside company. – *Bob Garden responsible.*
4. Cordon off the oil spill on Line BA. – *Leeton McHugh responsible.*
5. Report Oil spill to head office, client (GSLM) and local council. – *Leeton McHugh responsible.*
6. Check your vehicles for the proper jacking equipment. – *All designated drivers responsible.*
7. Remediation to begin on the Waddamana fuel spill. – *Leeton McHugh responsible. – Sourcing outside contractor.*
8. Spill kit and ground sheet to be purchased for fuel truck. – *Leeton McHugh responsible. – Sourcing products.*

SAFETY MEETING



Date: 28-May-2006
Location: Tasmania Basin
Crew: 403
Client: GSLM
Conducted by: Jon Turner
Attendance: 34
Meeting opened @ 6.30am
Meeting closed @ 6.50am

ACTION POINTS PREVIOUS MEETING

1. Need to pick up some rags for the vehicle license plates. – *Jon Turner responsible. – Sourcing product.*
2. Globes are needed for land cruiser headlights. – *Bob Garden responsible. – To be completed.*

TOPICS DISCUSSED

Jon Turner (PM)

- This week are going to get our vehicles up to an appropriate level of maintenance and service before we travel to Victoria. At some stage we will get a vehicle inspection checklist for each driver to complete. The inspections will be followed up by Bob Garden, Leeton McHugh and I. On Monday 29/05/06 the back crew wagon (093-IIU) will be taken into Launceston Toyota for a service, new bumper fitted, rear side window replaced and clutch replaced. The back crew will have the front crew wagon and the front crew will have two utes.
- I have heard reports of people overtaking our own vehicles on the way back to camp last night, we don't want that happening, and it is too dangerous. The point being that you will not save time by racing back to camp, you will however; increase your risk of having a vehicle accident. We cannot afford to have anymore incidents on this contract, please drive sensibly at all times.
- We are having communication problems with the vibes at the moment; Dave is endeavouring to fix this.

Leeton McHugh (HSEM)

- It is our last safety meeting for this stage of the Tasmania Basin Survey, the past 9 days has seen no reported injuries or accidents so well done to all personnel. I believe it is because people are listening to instructions and following the Terrex procedures with some extra guidance from the experienced group of supervisors we have in the field. On previous contracts there have been instances of people not following instructions and for example when travelling to and from the worksite overtaken other Terrex work vehicles. This kind of behaviour has not been tolerated and in fact those who have breached Terrex driving policy in such a way have been removed from the crew immediately. For a similar display of dangerous driving to be reported to me today has been very disappointing. Driving in that way is not following the Terrex safe practice standard which is required of all personnel. Driving on Tasmanian roads has been identified as the number 1 hazard for this contract, with appropriate controls in place to avoid potential accidents. Those controls being designated drivers, driver awareness training (which all of you have completed) and speed limits. I take you back to last month and the serious accident involving Matthew Cunningham, he is very lucky to have not lost his life and yet we still have people on this crew who are willing to risk the same fate by driving their vehicle way too fast. Follow each other to from work each day, be aware of the other road users (cyclists, road/trail bikes). When leaving the worksite earlier in the afternoons another hazard presents itself and that is the sun glare so ensure your windows and mirrors are kept clean and free of dirt.
- The last week of operations means that complacency can set in and give cause for a more pro-active approach to controlling safety. I and Jon will have a greater presence in the field this week. We will be looking closely at driving behaviour and general operations.
- Comprehensive vehicle inspections will be completed by the designated drivers. I will look at the condition of the vehicle cabs so clean the rubbish out of them.

David Berger (Observer)

- Remember to wear seatbelts at all times and remind yourself when working with a person on the vehicle to notify them of bumps in the road.
- A good job done by the back and front crew the last couple of days, it has been busy.

Bob Garden (Vibe tech)

- Drivers must report faulty headlights and flashing beacons.
- As a vibe crew travelling each day on the same road we found we became more familiar with it, our speed was increasing to the point that we were travelling that fast there was very little margin for error. It was one of those familiarity breeds contempt things. We had to make a conscious decision to try and reduce the speed back and I suspect that is the case with others. We recognised the problem and have taken steps to address it, you should do the same.
- The cable trucks and jug trucks need to be careful when passing the vibes on the narrow road, there is long grass on the verge and it is hard to see what may be in there. There could be large rocks, stakes and deep holes.
- Have seen tell tale marks of tyre spins on the line, I know they are our vehicles, this means a lack of judgement and driving too fast.

Warren Campbell (Line Boss)

- If you are not sure what is in the long grass, call up the lead vibe operator or observer for a report, don't just drive through it.
- I have heard lately some complaints being directed between the vibe, line and road crews, this can cause instability within the operations. Direct your complaints to me and I will address them the best I can, if not it will be passed on to Jon Turner. We all work together as one crew.

Brett Nugent (Traffic Supervisor)

- For the road crew being the last week ensure you are extra aware of the public road users, stay on your toes and continue to communicate. If unsure of things please ask.

Guy Eberhardt (Vibe Operator)

- Yesterday I noticed a lot of people getting frustrated with the observer due to delay in response to your messages, it can get hectic in the recorder at times and Berger can be under a great deal of duress. Be patient and wait for your response.

ACTION POINTS

1. Back Crew vehicle (093-IIU) to be taken into Toyota Launceston for servicing and repairs. – *Jon Turner responsible.*
2. Vehicle inspection forms to be distributed to designated drivers. – *Leeton McHugh responsible.*
3. Need to pick up some rags for the vehicle license plates. – *Jon Turner responsible. – Sourcing product.*
4. Globes are needed for land cruiser headlights. – *Bob Garden responsible. – To be completed.*

APPENDIX F

VEHICLE LISTING

LIGHT VEHICLE LIST			
#	VEHICLE	USED FOR	REGISTRATION
1	Land Cruiser 100 Series	Front Crew	093 IIU
2	Land Cruiser 100 Series	Back Crew	096 IIU
3	Land Cruiser 100 Series	Vibe Crew	WZI 799
4	Land Cruiser Tray Back	Line Boss	1 BZJ 848
5	Land Cruiser Tray Back	Jug Ute	211 HHS
6	Land Cruiser Tray Back	Traffic Management	454 IUE
7	Land Cruiser Tray Back	Traffic Management	667 067
8	Land Cruiser Tray Back	Troubleshooter	815 HOW
9	Land Cruiser Tray Back	Cable Truck	1 BGO 007
10	Land Cruiser Tray Back	Cable Truck	1 BRD 044
11	Hilux 4x4 Tray back	Crew Manager	188 JLF
12	Hilux 4x4 Tray back	HSE	UDK 584
13	Hilux 4x4 Tray back	Traffic Management	185 JLF
14	Hilux 4x4 Tray back	Traffic Management	186 JLF
15	Hilux 4x4 Tray back	Traffic Management	187 JLF
16	Hilux 4x4 Tray back	Traffic Management	UDK 581
17	Hilux 4x4 Tray back	Traffic Management	UDK 582
18	Hilux Dual cab	Traffic Management	ER 5672
19	Nissan 4x4 Tray back	Traffic Management	302-JCO
HEAVY VEHICLE LIST			
1	Hino 4x4 Truck	Service Truck	QCU 348
2	Isuzu 4x4 Truck	Spread Truck	1CAA 534
3	International Paystar 6x6	Spread Truck	626 JAH
4	International Paystar 6x6	Vibrator	371JCN
5	International Paystar 6x6	Vibrator	372 JCN
6	International Paystar 6x6	Vibrator	374 JCN
7	International Paystar 6x6	Vibrator	375 JCN
8	International Paystar 6x6	Vibrator	376 JCN

APPENDIX G

CREW LIST

TERREX SEISMIC CREW LIST FOR GSLM TASMANIA BASIN 2D SEISMIC SURVEY

POSITION	NAMES
Crew Manager	Jon Turner
HSE Advisor	Leeton McHugh
Observer	Nic Helme
Observer	David Berger
Cable Repair	Bailey-Garden Marama
Cable Repair Assistant	Mel Griffith
Vibe Op	Abby Bann
Vibe Op	Guy Eberhardt
Vibe Op	David James
Vibe Op	Dean Kingston
Vibe Op	Arnold McKenna
Vibe Tech	Bob Garden
Security	Glen Braithwaite
Line Boss	Warren Campbell
Line Crew	Megan Bann
Line Crew	Wade Atkins
Line Crew	Nathan Collier
Line Crew	James Goodwill
Line Crew	Adam Hall
Line Crew	Scott Humberstone
Line Crew	Melinda Lynham
Line Crew	Hamish McLeod
Line Crew	Ty Nisbett
Line Crew	Jon Richardson
Line Crew	Adam Smith
Line Crew	Norma Tanner
Line Crew	Byron Thompson
Line Crew	Vicki Wright

POSITION	NAMES
Traffic Control Manager	Bruce Hannan
Traffic Controller	David Allan
Traffic Controller	Brian Atfield
Traffic Controller	Ben Butler
Traffic Controller	Luciano Carpi
Traffic Controller	Daniel Carroll
Traffic Controller	Shane Colgrave
Traffic Controller	Matthew Cunningham
Traffic Controller	David Duggan
Traffic Controller	Mark Elborn
Traffic Controller	James Foran
Traffic Controller	Bradley Judge
Traffic Controller	Steven Knowles
Traffic Controller	Cheyne Mason
Traffic Controller	David McClelland
Traffic Controller	Wayne McKenzie
Traffic Controller	Brett Nugent
Traffic Controller	Mario Roulias
Traffic Controller	Grant Smith
Traffic Controller	William Smith
Traffic Controller	Larry Wilson
Traffic Controller	Timothy Wylie

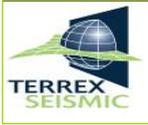
APPENDIX H

POSITION NUMBERS

POSITION	NUMBERS
Crew Manager	1
HSE Manager	1
HSE Advisor	1
Campy	1
Observer	1
Cable Repair	1
Cable Repair Assistant	1
Vibe Operator	4
Vibe Technician	1
Security	1
Line Boss	1
Line Crew	12
Traffic Control Manager	1
Traffic Controller	17

APPENDIX I

DAILY REPORTS



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Overcast / Cool, Snowing
 DATE..... 23-Apr-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
							VP's...	0
							Skips...	0
							Kms...	0.0000
							Cum. Total Skips...	0
							Cum.Total Vp's....	0
							Cum. Total Kms....	0.00

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	7.0
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	7.0
Line Change.....		Vibes.....		Standby Hrs.....	1.5
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	1.5
Testing.....		Other.....		Total Day.Incl Non Charge Hrs.	8.5
QC Spread.....				Cum.Total Charge Hrs (Job)...	8.5
Travel.....	2.0			Cum.Total.Incl Non Charge Hrs (Job)	8.5
Layout Spread.....	5.0	Toolbox/Induction.....	1.5		
Pickup Spread.....		Total Down Time.....	0.0		
Weather.....		Cum. Down Time (Job).....	0.0		
Mobilisation.....					
Cum. Mobilisation....	17.0				

COMMENTS:

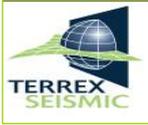
Client Inductions commenced this morning at 9:00am and were completed by 10:30am. Line crew travelled to Mienna to pick up heavy vehicles that were parked there overnight. All vehicles refuelled and then travelled to line TB02-BA and commenced laying spread. Due to the difficult nature of the terrain the recorder had to be setup 300 stations from the beginning of the line, this meant that no testing or production was possible today while waiting for the spread to be laid. Layout conditions are slow due to traffic management procedures and the limited off road access. Only 200 stations layed today with the remaining 400 to be deployed tomorrow.

Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
TB02-BA	4750	4551	200				
Total Stations :			200	Total Stations:			0

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	11	2	3
Day Hrs.....	8.5	Day Hrs.....	10.5
Cum.Day Hrs (Job)...	8.5	Cum.Day Hrs (Job)...	209.3

COMMENTS:



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 24-Apr-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA	4750.5	4720.5	31	7	24	0.6	VP's...	24
							Skips...	7
							Kms...	0.60
							Cum. Total Skips...	7
							Cum.Total Vp's....	24
							Cum. Total Kms....	0.60

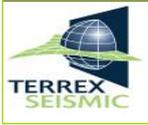
HOURS		Recording.....	0.6	Down Time -	Troubleshooting.....		Day Charge Hrs.....	10.1
		Recorder Move.....			Recorder.....	0.7	Cum.Day Charge Hrs (Job)...	17.1
		Line Change.....			Vibes.....		Standby Hrs.....	0.3
		Detours/Terrain.....	0.6		W / on Spread.....		Cum.Standby Hrs (Job)...	1.8
		Testing.....	2.0		Other.....		Total Day.Incl Non Charge Hrs.	11.1
		QC Spread.....	1.5				Cum.Total Charge Hrs (Job)...	18.9
		Travel.....	1.6				Cum.Total.Incl Non Charge Hrs (Job)	19.6
		Layout Spread.....	3.8					
		Pickup Spread.....			Toolbox/Induction.....	0.3		
		Weather.....			Total Down Time.....	0.7		
		Mobilisation.....			Cum. Down Time (Job).....	0.7		
		Cum. Mobilisation....	17.0					

COMMENTS:
 Commence Production: VP's - 24 Km's - 0.6
 Line crew continued to lay spread today, all channels deployed by 3:30pm.
 Wirelines and parameter testing commenced today at 1:00pm and was completed by 3:00pm,
 production commenced at 4:00pm after the vibes moved to the start of line.
 Sweep parameters chosen are 3 x 6 sec standing sweeps at 10 - 64 Hz.
 Another slow day with traffic along the line being a concern and testing for 2hrs, tomorrow will give a more
 accurate picture of production rates.
 PM to Launceston for supplies and pick up 1 line crew personnel.

Layout			Pickup			
Line	Station #	Tot	Line	Station #	Tot	
TB02-BA	4550	4151				
		400				
Total Stations :			Total Stations:			
		400				0

SURVEY REPORT
 DOUBLE CLICK THE ICON BELOW TO DISPLAY REPORT.

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	11	2	3
Day Hrs.....	11.1	Day Hrs.....	10.5
Cum.Day Hrs (Job)...	19.6	Cum.Day Hrs (Job)...	219.8
COMMENTS:		COMMENTS:	



Terrex Seismic
Daily Report

Client..... GSLM
Survey Name. Tasmania Basin Survey
Area..... SEL 13/98
State..... Tasmania

CREW 403
Party Manager.. Jon Turner
Weather..... Fine / Cool
DATE..... 25-Apr-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA	4719.5	4382.5	338	4	334	6.76	VP's...	334
							Skips...	4
							Kms...	6.76
							Cum. Total Skips...	11
							Cum.Total Vp's....	358
							Cum. Total Kms....	7.36

HOURS		Down Time -			
Recording.....	6.0	Troubleshooting.....	0.3	Day Charge Hrs.....	9.3
Recorder Move.....	0.6	Recorder.....		Cum.Day Charge Hrs (Job)...	26.4
Line Change.....		Vibes.....	1.0	Standby Hrs.....	0.4
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	2.2
Testing.....		Other.....		Total Day.Incl Non Charge Hrs.	11.0
QC Spread.....	0.8			Cum.Total Charge Hrs (Job)...	28.6
Travel.....	1.9			Cum.Total.Incl Non Charge Hrs (Job)	30.6
Layout Spread.....					
Pickup Spread.....		Toolbox/Induction.....	0.4		
Weather.....		Total Down Time.....	1.3		
Mobilisation.....		Cum. Down Time (Job).....	2.0		
Cum. Mobilisation....	17.0				

COMMENTS:
Continued Production: VP's - 334 Km's - 6.76
Better days production today, still some start up problems with the vibes, normal production rates should be achieved tomorrow.
Troubleshooting time is not an accurate record of downtime with some delays due to traffic management procedures.
It appears that we have had approximately 1500 litres of fuel stolen while the service truck was parked at Mienna, will have further discussions with the vibe tech to get accurate amounts. The service truck is currently being returned to camp each evening to avoid further problems but security looks to be an issue at this site, line batteries are also being returned to camp each evening. Will have to look at hiring security personnel for night shift.
HSE to Launceston today for supplies and to take Dave Berger out on leave.

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02-BA	4150	4101	50	TB02-BA	4750	4601	150
Total Stations :			50	Total Stations:			150

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew

Vehicles	Personnel
7	11
Day Hrs.....	11.0
Cum.Day Hrs (Job)...	30.6

COMMENTS:

TRAFFIC MANAGEMENT Survey Crew

Vehicles	Personnel
2	3
Day Hrs.....	10.5
Cum.Day Hrs (Job)...	230.3

COMMENTS:



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 29-Apr-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	18
							Cum.Total Vp's....	1522
							Cum. Total Kms....	30.78

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	0.0
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	56.8
Line Change.....		Vibes.....		Standby Hrs.....	10.0
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	13.2
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	10.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	70.0
Travel.....				Cum.Total.Incl Non Charge Hrs (Job)	74.1
Layout Spread.....		Toolbox/Induction.....	10.0		
Pickup Spread.....		Total Down Time.....	0.0		
Weather.....					
Mobilisation.....		Cum. Down Time (Job).....	4.1		
Cum. Mobilisation.....	17.0				

COMMENTS:

Crew stood down today until further notice due to serious traffic incident late yesterday. PM called the survey crew and were stood down until further notice. PM communicating with operations manger and police during the day to ascertain possible restart date, checking on condition of injured worker. Operations manager organised counseling for those on crew who require it. HSE, PM and Traffic control manager had meeting to discuss traffic management plan, no changes deemed necessary until findings of the accident investigation are known. PM received a call late evening from the police, permission given to resume operations using the current traffic controls that we have in place. Crew will remain on standby until replacement personnel and vehicles can be arranged. Operations scheduled to resume Monday 1st April. Overnight security commenced tonight, 1 personnel and 1 vehicle.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA		1	TB02-BA		1
		Total Stations :			Total Stations:
		1			1

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
6	12	2	3
Day Hrs.....	10.0	Day Hrs.....	8.0
Cum.Day Hrs (Job)...	74.1	Cum.Day Hrs (Job)...	269.8

COMMENTS:

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Rain / Cool
 DATE..... 30-Apr-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	18
							Cum.Total Vp's....	1522
							Cum. Total Kms....	30.78

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	0.0
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	56.8
Line Change.....		Vibes.....		Standby Hrs.....	10.0
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	23.2
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	10.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	80.0
Travel.....				Cum.Total.Incl Non Charge Hrs (Job)	84.1
Layout Spread.....		Toolbox/Induction.....	10.0		
Pickup Spread.....		Total Down Time.....	0.0		
Weather.....					
Mobilisation....		Cum. Down Time (Job).....	4.1		
Cum. Mobilisation....	17.0				

COMMENTS:
 Crew still on standby today, complete spread count taken and all vehicles cleaned and refuelled in preparation for work tomorrow.
 Vehicle and two extra traffic personnel orgnsised late today, production to resume tomorrow.
 PM, HSE and Traffic control manager inspected accident site and completed a risk assessment on upcoming difficult terrain.
 Overnight security continued tonight, 1 personnel and 1 vehicle.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA		1	TB02-BA		1
Total Stations :		1	Total Stations:		1

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
6	12	2	3
Day Hrs.....	10.0	Day Hrs.....	8.0
Cum.Day Hrs (Job)...	84.1	Cum.Day Hrs (Job)...	277.8

COMMENTS:

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Rain / Cool
 DATE..... 01-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	3210.5	2995.5	216	6	210	4.32	VP's...	210	
							Skips...	6	
							Kms...	4.32	
								Cum. Total Skips....	24
								Cum.Total Vp's....	1732
								Cum. Total Kms....	35.10

HOURS		Down Time -					
Recording.....	3.5	Troubleshooting.....	1.9	Day Charge Hrs.....	5.4	Cum.Day Charge Hrs (Job)...	62.2
Recorder Move.....	0.5	Recorder.....		Standby Hrs.....	3.6	Cum.Standby Hrs (Job)...	26.8
Line Change.....		Vibes.....		Total Day.Incl Non Charge Hrs.	10.9	Cum.Total Charge Hrs (Job)...	89.0
Detours/Terrain.....	0.5	W / on Spread.....		Cum.Total.Incl Non Charge Hrs (Job)	95.0		
W.O.S.....		Other.....					
QC Spread.....	0.4						
Travel.....	0.5						
Layout Spread.....							
Pickup Spread.....		Toolbox/Induction.....	0.3				
Weather.....	3.3	Total Down Time.....	1.9				
Mobilisation....		Cum. Down Time (Job).....	6.0				
Cum. Mobilisation....	17.0						

COMMENTS:
 Continued Production: VP's - 210 Km's - 4.32
 Inclement weather caused some problems today with 3.3 hrs standby due to rain then an extra 1.9 hrs troubleshooting the spread to dry equipment.
 Steve Tobin and three GSLM representatives inspected operations today, departed late evening.
 Front crew have laid spread down Waddamana hill with the vibes close to the crest, this road will be closed to heavy vehicles tomorrow to allow vibes clear access down the hill.
 Cable repair tech to Launceston to pick up replacement hire vehicle.
 Overnight security continued tonight, 1 personnel and 1 vehicle.

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02-BA	2999	2650	350	TB02-BA	3549	3150	400
Total Stations :			350	Total Stations:			400

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	14	2	3
Day Hrs.....	10.9	Day Hrs.....	10.5
Cum.Day Hrs (Job)...	95.0	Cum.Day Hrs (Job)...	288.3

COMMENTS:
 Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Snow / Rain / Icy conditions
 DATE..... 03-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	29
							Cum.Total Vp's....	1990
							Cum. Total Kms....	40.36

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	0.0
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	72.2
Line Change.....		Vibes.....		Standby Hrs.....	10.0
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	37.2
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	10.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	109.4
Travel.....				Cum.Total.Incl Non Charge Hrs (Job)	115.7
Layout Spread.....		Toolbox/Induction.....	0.3		
Pickup Spread.....		Total Down Time.....	0.0		
Weather.....	9.7				
Mobilisation....		Cum. Down Time (Job).....	6.3		
Cum. Mobilisation....	17.0				

COMMENTS:

PM and HSE to field to scout conditions first thing this morning, conditions difficult but acceptable for commencement of work.

Line crew and traffic management to field, snow began to fall reducing visibility making conditions too dangerous for work.

Line crew put on standby, 11:00am line crew told to return to camp with conditions worsening. Operations not possible for the remainder of the day, standby all day.

PM and two line crew personnel to Launceston to return 1 vehicle and pick up two more traffic vehicles. Conditions extreme when returning to camp with Poatina road closed to all traffic. Detoured via Deloraine and arrived camp at 9:30pm.

Shin deep snow has covered all line equipment, will reassess tomorrow but road conditions are the main safety concern for the crew.

Tape shipment 1A sent to Perth for processing today.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA		1	TB02-BA		1
		Total Stations :			Total Stations:
		1			1

LTI= 0 MTI= 0 FAC= 0 Total Stations: 1 Total Stations: 1

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	14	2	3
Day Hrs.....	10.0	Day Hrs.....	10.0
Cum.Day Hrs (Job)...	115.7	Cum.Day Hrs (Job)...	306.3

COMMENTS:

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 04-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	29
							Cum.Total Vp's....	1990
							Cum. Total Kms....	40.36

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	0.5
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	72.7
Line Change.....		Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	37.5
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	10.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	110.2
Travel.....	0.5			Cum.Total.Incl Non Charge Hrs (Job)	125.7
Layout Spread.....		Toolbox/Induction.....	0.3		
Pickup Spread.....		Total Down Time.....	9.2		
Weather.....		Cum. Down Time (Job).....	15.5		
Mobilisation....					
Cum. Mobilisation....	17.0				

COMMENTS:
 Heavy snowfalls and rain overnight made for excessive amounts of leakage problems in the equipment, troubleshooting from 7:30am till first test VP at 3:00pm. Records inspected by PM and observer considered unusable.
 Melting snow caused more leakage problems as the day warmed up.
 Continued troubleshooting for the remainder of the day with no success, system unusable in present conditions without major repairs.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA		1	TB02-BA		1
		Total Stations :			Total Stations:
		1			1

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
8	13	2	3
Day Hrs.....	10.0	Day Hrs.....	10.0
Cum.Day Hrs (Job)...	125.7	Cum.Day Hrs (Job)...	316.3

COMMENTS:

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 05-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	29
							Cum.Total Vp's....	1990
							Cum. Total Kms....	40.36

HOOURS		Down Time -					
Recording.....		Troubleshooting.....		Day Charge Hrs.....		7.7	
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...		80.4	
Line Change.....		Vibes.....		Standby Hrs.....		2.3	
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...		39.8	
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.		10.0	
QC Spread.....				Cum.Total Charge Hrs (Job)...		120.2	
Travel.....	0.5			Cum.Total.Incl Non Charge Hrs (Job)		135.7	
Layout Spread.....		Toolbox/Induction.....	0.3				
Pickup Spread.....	7.2	Total Down Time.....	0.0				
Weather.....	2.0	Cum. Down Time (Job).....	15.5				
Mobilisation....							
Cum. Mobilisation....	17.0						

COMMENTS:

Decision made by senior management to change to the Sercel 428 acquisition system to avoid further leakage problems.
 Line crew picked up all spread, counted and stored it at Waddamana.
 Crew will demob to Brisbane tomorrow till new system arrives.
 Small crew to remain at Waddamana to repair cable and test phones in preparation for return of main crew.
 Crew scheduled to return on approx the 17th May.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA	3000	2499	502	TB02-BA	
					1
Total Stations :			502	Total Stations:	
				1	

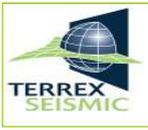
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SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
8	13	2	3
Day Hrs.....	10.0	Day Hrs.....	10.0
Cum.Day Hrs (Job)...	135.7	Cum.Day Hrs (Job)...	326.3

COMMENTS:

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 06-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	29
							Cum.Total Vp's....	1990
							Cum. Total Kms....	40.36

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	0.0
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	80.4
Line Change.....		Vibes.....		Standby Hrs.....	0.0
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	39.8
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	0.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	120.2
Travel.....				Cum.Total.Incl Non Charge Hrs (Job)	135.7
Layout Spread.....		Toolbox/Induction.....			
Pickup Spread.....		Total Down Time.....	0.0		
Weather.....		Cum. Down Time (Job).....	15.5		
Mobilisation....	8.0				
Cum. Mobilisation....	17.0				

COMMENTS:
 Crew departed Waddamana today at 7:00am, arrived Brisbane 3:00pm.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA		1	TB02-BA		1
		Total Stations :			Total Stations:
		1			1

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT
 DOUBLE CLICK THE ICON BELOW TO DISPLAY REPORT.

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
		2	3
Day Hrs.....	0.0	Day Hrs.....	10.0
Cum.Day Hrs (Job)...	135.7	Cum.Day Hrs (Job)...	336.3
COMMENTS:	Crew stood down, demobilised to Hobart	COMMENTS:	

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 17-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	29
							Cum.Total Vp's....	1990
							Cum. Total Kms....	40.36

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	0.0
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	80.4
Line Change.....		Vibes.....		Standby Hrs.....	0.0
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	39.8
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	0.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	120.2
Travel.....				Cum.Total.Incl Non Charge Hrs (Job)	135.7
Layout Spread.....		Toolbox/Induction.....			
Pickup Spread.....		Total Down Time.....	0.0		
Weather.....		Cum. Down Time (Job).....	15.5		
Mobilisation....	8.0				
Cum. Mobilisation....	25.0				

COMMENTS:
 Crew departed Brisbane today at 7:00am, arrived Mienna 3:00pm.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA		1	TB02-BA		1
Total Stations :		1	Total Stations:		1

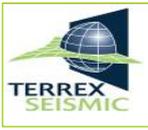
LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT


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 15-May

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
		2	3
Day Hrs.....	3.0	Day Hrs.....	11.0
Cum.Day Hrs (Job)...	138.7	Cum.Day Hrs (Job)...	435.3
COMMENTS:	3 Hrs mobilisation from Hobart today.	COMMENTS:	

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 18-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS	
TB02-BA							VP's...	0
							Skips...	0
							Kms...	0.00
							Cum. Total Skips....	29
							Cum.Total Vp's....	1990
							Cum. Total Kms....	40.36

HOURS		Down Time -			
Recording.....		Troubleshooting.....		Day Charge Hrs.....	10.5
Recorder Move.....		Recorder.....		Cum.Day Charge Hrs (Job)...	90.9
Testing..... 1.0		Vibes.....		Standby Hrs.....	0.5
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	40.3
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	11.0
QC Spread.....				Cum.Total Charge Hrs (Job)...	131.2
Travel..... 1.0				Cum.Total.Incl Non Charge Hrs (Job)	146.7
Layout Spread..... 8.5		Toolbox/Induction..... 0.5			
Pickup Spread.....		Total Down Time..... 0.0			
Weather.....		Cum. Down Time (Job)..... 15.5			
Mobilisation.... 8.0					
Cum. Mobilisation.... 25.0					

COMMENTS:
 Toolbox at 6:30am.
 Line crew unpacked new Sercel 428 acquisition system and commenced layout at approx 1:00pm.
 Line crew laid out 200 stations the end of the day.
 Hardwires and Sims testing completed again for new recorder.
 Recording parameters have been changed for the recommencement of line BA, vibes will change to two 12 second sweeps, 6 - 140 Hz. Also the line will need to be renumbered for processing to incorporate changes that have been made to shooting order and line names. This can be done in the recorder with no need to physically change peg numbers.
 First VP would have been 2731, will now be 92731.
 Production should commence at approx midday tomorrow.
 PM and HSE to Launceston today to return hire vehicle and pick up freight.

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA	2881	2695	187	TB02-BA	1
Total Stations :			187	Total Stations:	
			1		

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT
 DOUBLE CLICK THE ICON BELOW TO DISPLAY REPORT.

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
8	11	2	3
Day Hrs.....	10.5	Day Hrs.....	10.0
Cum.Day Hrs (Job)...	149.2	Cum.Day Hrs (Job)...	445.3
COMMENTS:		COMMENTS:	

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 22-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	91721.5	91321.5	401	0	401	8.02	VP's...	401	
							Skips...	0	
							Kms...	8.02	
								Cum. Total Skips....	34
								Cum.Total Vp's....	3396
								Cum. Total Kms....	68.58

HOURS		Down Time -			
Recording.....	7.1	Troubleshooting.....		Day Charge Hrs.....	10.8
Recorder Move.....	0.5	Recorder.....		Cum.Day Charge Hrs (Job)...	132.2
Testing.....		Vibes.....	0.5	Standby Hrs.....	0.3
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	41.8
W.O.S.....	0.5	Other.....		Total Day.Incl Non Charge Hrs.	11.6
QC Spread.....	1.0			Cum.Total Charge Hrs (Job)...	174.0
Travel.....	1.7			Cum.Total Incl Non Charge Hrs (Job)	192.0
Layout Spread.....		Toolbox/Induction.....	0.3		
Pickup Spread.....		Total Down Time.....	0.5		
Weather.....		Cum. Down Time (Job).....	18.0		
Mobilisation....	8.0				
Cum. Mobilisation....	25.0				

COMMENTS:
 Toolbox at 6:30am.
 Some vibe problems late today with the mass locking, vibe tech repaired the problem and production continued.
 Some waiting on spread time today due a pegging problem, approximately 20 pegs missing and others moved out of position. No fault of survey, appears locals have been moving pegs.
 PM to Launceston today for supplies and pickup one line crew personnel.
 Overnight security continued, 1 personnel and 1 vehicle.
 Bad Equipment : Cable - 2, Phones - 2

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA	1559 1050	510	TB02-BA	1949 1510	440
Total Stations :		510	Total Stations:		440

SURVEY REPORT
 DOUBLE CLICK THE ICON BELOW TO DISPLAY REPORT.

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	11	2	2
Day Hrs.....	11.6	Day Hrs.....	11.0
Cum.Day Hrs (Job)...	194.5	Cum.Day Hrs (Job)...	487.8

COMMENTS:
 Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 23-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	91320.5	91082.5	239	0	239	4.78	VP's...	239	
							Skips...	0	
							Kms...	4.78	
								Cum. Total Skips....	34
								Cum.Total Vp's....	3635
								Cum. Total Kms....	73.36

HOURS		Down Time -			
Recording.....	5.1	Repegging missing Stations.....	1.3	Day Charge Hrs.....	9.0
Recorder Move.....	0.5	Recorder.....	0.9	Cum.Day Charge Hrs (Job)...	141.2
Testing.....		Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....	0.3	W / on Spread.....		Cum.Standby Hrs (Job)...	42.1
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	11.5
QC Spread.....	1.1			Cum.Total Charge Hrs (Job)...	183.3
Travel.....	2.0			Cum.Total.Incl Non Charge Hrs (Job)	203.5
Layout Spread.....					
Pickup Spread.....		Toolbox/Induction.....	0.3		
Weather.....		Total Down Time.....	2.2		
Mobilisation....	8.0	Cum. Down Time (Job).....	20.2		
Cum. Mobilisation....	25.0				

COMMENTS:

Toolbox at 6:30am.
 More problems today with the instrument locking up again, appears to be related to missed sweeps, observers attempting to correct.
 Approximately 20 pegs missing from station 91175, 1.3hrs to correct problem with surveyors and spread being relayed.
 Security was increased tonight due to information from local police, possible trouble with fuel being targeted by locals. No problems during the evening, all went well.
 Overnight security continued, 2 personnel and 2 vehicles.

Bad Equipment : Cable - 2, Phones - 2

Layout			Pickup		
Line	Station #	Tot	Line	Station #	Tot
TB02-BA	1049	861	TB02-BA	1509	1250
		189			260
Total Stations :			Total Stations:		
	189			260	

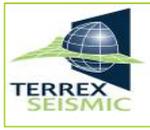
LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	12	2	2
Day Hrs.....	11.5	Day Hrs.....	11.0
Cum.Day Hrs (Job)...	206.0	Cum.Day Hrs (Job)...	498.8

COMMENTS:

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 26-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	90062.5	89701.5	362	4	358	7.24	VP's...	358	
							Skips...	4	
							Kms...	7.24	
								Cum. Total Skips....	81
								Cum.Total Vp's....	4969
								Cum. Total Kms....	100.98

HOURS		Down Time -			
Recording.....	5.9	Repegging missing Stations.....		Day Charge Hrs.....	11.2
Recorder Move.....	0.5	Recorder.....		Cum.Day Charge Hrs (Job)...	175.2
Testing.....		Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....	1.3	W / on Spread.....		Cum.Standby Hrs (Job)...	43.0
W.O.S.....	0.4	Other.....		Total Day.Incl Non Charge Hrs.	11.5
QC Spread.....	0.5			Cum.Total Charge Hrs (Job)...	218.2
Travel.....	2.6			Cum.Total.Incl Non Charge Hrs (Job)	238.4
Layout Spread.....					
Pickup Spread.....		Toolbox/Induction.....	0.3		
Weather.....		Total Down Time.....	0.0		
Mobilisation....	8.0	Cum. Down Time (Job).....	20.2		
Cum. Mobilisation....	25.0				

COMMENTS:

Toolbox at 6:30am.
 A long detour for all line vehicles today due to a low bridge, excess detour and waiting on spread time.
 Line crew move to new accommodation at Bronte Park today, PM and HSE moved all luggage and equipment, cable repair and office to remain at Miena.
 Overnight security continued, 1 personnel and 1 vehicles.

Bad Equipment : Cable - 0, Phones - 0

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02-BA	89888	89454	435	TB02-BA	90289	89848	442
Total Stations :			435	Total Stations:			442

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT
 DOUBLE CLICK THE ICON BELOW TO DISPLAY REPORT.

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	11	2	2
Day Hrs.....	11.5	Day Hrs.....	11.0
Cum.Day Hrs (Job)...	240.9	Cum.Day Hrs (Job)...	531.8

COMMENTS: Survey Completed

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Overnight Rain / Overcast
 DATE..... 27-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	89700.5	89371.5	330	2	328	6.60	VP's...	328	
							Skips...	2	
							Kms...	6.60	
								Cum. Total Skips....	83
								Cum.Total Vp's....	5297
								Cum. Total Kms....	107.58

HOURS		Down Time -			
Recording.....	5.9	Repegging missing Stations.....		Day Charge Hrs.....	11.0
Recorder Move.....	1.0	Recorder.....		Cum.Day Charge Hrs (Job)...	186.2
Testing.....		Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....	1.0	W / on Spread.....		Cum.Standby Hrs (Job)...	43.3
W.O.S.....	0.4	Other.....		Total Day.Incl Non Charge Hrs.	11.3
QC Spread.....	0.5			Cum.Total Charge Hrs (Job)...	229.5
Travel.....	2.2			Cum.Total.Incl Non Charge Hrs (Job)	249.7
Layout Spread.....					
Pickup Spread.....		Toolbox/Induction.....	0.3		
Weather.....		Total Down Time.....	0.0		
Mobilisation....	8.0	Cum. Down Time (Job).....	20.2		
Cum. Mobilisation....	25.0				

COMMENTS:

Toolbox at 6:30am.
 Waiting on spread time due to final two loads of equipment still detouring low bridge.
 Some communication problems today with the line narrowing considerably, thick bush and the track winding through rough hilly terrain. Will make some operational changes to reduce the downtime associated with these conditions.
 1 traffic controller left site today.
 Overnight security continued, 1 personnel and 1 vehicles.

Bad Equipment : Cable - 0, Phones - 0

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02-BA	89453	89088	366	TB02-BA	89847	89558	290

LTI= 0	MTI= 0	FAC= 0	Total Stations: 366	Total Stations: 290
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SURVEY REPORT

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	10		
Day Hrs.....	11.3	Day Hrs.....	
Cum.Day Hrs (Job)...	252.2	Cum.Day Hrs (Job)...	531.8

COMMENTS: Survey Completed

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Morning Rain then Fine and Cool
 DATE..... 29-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	88965.5	88565.5	401	0	401	8.02	VP's...	401	
							Skips...	0	
							Kms...	8.02	
								Cum. Total Skips....	83
								Cum.Total Vp's....	6103
								Cum. Total Kms....	123.70

HOURS		Down Time -			
Recording.....	6.6	Repegging missing Stations.....		Day Charge Hrs.....	11.6
Recorder Move.....	1.0	Recorder.....		Cum.Day Charge Hrs (Job)...	208.9
Testing.....		Vibes.....	0.3	Standby Hrs.....	0.3
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	44.0
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	12.2
QC Spread.....	0.7			Cum.Total Charge Hrs (Job)...	252.9
Travel.....	3.3			Cum.Total.Incl Non Charge Hrs (Job)	273.9
Layout Spread.....		Toolbox/Induction.....	0.3		
Pickup Spread.....		Total Down Time.....	0.3		
Weather.....		Cum. Down Time (Job).....	21.0		
Mobilisation....	8.0				
Cum. Mobilisation....	25.0				

COMMENTS:
 Safety Meeting at 6:30am.
 A good days production today considering the increasing travel time and communication problems, line is very narrow with tall trees either side of the track, very difficult to send or receive comms.
 Two vehicle incidents were reported today, the first involved the vibe service truck being run into by local traffic on the way to the field this morning. No injuries and appears that the other driver was at fault, driving too fast for the road conditions. See incident report for full details.
 The second incident involved one of our cable vehicles trying to pass the vibes on a narrow section of line and clipping the exhaust on the lead vibe. The incident occurred at low speed with no injuries or major damage reported.
 PM and HSE to Launceston all day today for supplies.
 Cable ute repaired and picked up from Toyota in Launceston.
 Overnight security continued, 1 personnel and 1 vehicles.
 Bad Equipment : Cable - 0, Phones - 3

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02-BA	88715	88298	418	TB02-BA	89157	88738	420
Total Stations :			418	Total Stations:			420

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT
SURVEY COMPLETED

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	10		
Day Hrs.....	12.2	Day Hrs.....	
Cum.Day Hrs (Job)...	276.4	Cum.Day Hrs (Job)...	531.8
COMMENTS:		COMMENTS: Survey Completed	

Crew Manager _____



Terrex Seismic
Daily Report

Client..... GSLM
 Survey Name. Tasmania Basin Survey
 Area..... SEL 13/98
 State..... Tasmania

CREW 403
 Party Manager.. Jon Turner
 Weather..... Fine / Cool
 DATE..... 31-May-06

Line #	Stn	Stn	Total Stns	Skips	Vp's	Kms	TOTALS		
TB02-BA	88156.5	87717.5	440	3	437	8.80	VP's...	437	
							Skips...	3	
							Kms...	8.80	
								Cum. Total Skips....	86
								Cum.Total Vp's....	6948
								Cum. Total Kms....	140.66

HOURS		Down Time -			
Recording.....	7.0	Repegging missing Stations.....		Day Charge Hrs.....	11.7
Recorder Move.....	0.5	Recorder.....		Cum.Day Charge Hrs (Job)...	231.7
Testing.....		Vibes.....		Standby Hrs.....	0.3
Detours/Terrain.....		W / on Spread.....		Cum.Standby Hrs (Job)...	44.6
W.O.S.....		Other.....		Total Day.Incl Non Charge Hrs.	12.0
QC Spread.....	0.5			Cum.Total Charge Hrs (Job)...	276.3
Travel.....	3.7			Cum.Total.Incl Non Charge Hrs (Job)	297.4
Layout Spread.....					
Pickup Spread.....		Toolbox/Induction.....	0.3		
Weather.....		Total Down Time.....	0.0		
Mobilisation....	8.0				
Cum. Mobilisation....	25.0	Cum. Down Time (Job).....	21.1		

COMMENTS:
 Safety Meeting at 6:30am.
 An excellent days production today with 8.8kms recorded, completing line BA. 150 stations layed on line AA2. Vibes and recorder will move to new line first thing tomorrow, shouldn't be any delays to shooting once the QC is completed on the new line.
 Line boss and observer are working well together, spread movement is very efficient.
 Overnight security continued, 1 personnel and 1 vehicles.

 Bad Equipment : Cable - 0, Phones - 2

Layout			Pickup				
Line	Station #	Tot	Line	Station #	Tot		
TB02-BA	87928	87717	212	TB02-BA	88337	87938	400
TB02-AA2	2750	2600	151				
Total Stations :			363	Total Stations:			400

LTI= 0 MTI= 0 FAC= 0

SURVEY REPORT
SURVEY COMPLETED

TRAFFIC MANAGEMENT Recording Crew		TRAFFIC MANAGEMENT Survey Crew	
Vehicles	Personnel	Vehicles	Personnel
7	10		
Day Hrs.....	12.0	Day Hrs.....	
Cum.Day Hrs (Job)...	299.9	Cum.Day Hrs (Job)...	531.8

COMMENTS: Survey Completed

Crew Manager _____

APPENDIX J

RECORDING STATISTICS

APPENDIX J RECORDING STATISTICS - GSLM 2D SEISMIC SURVEY TASMANIA BASIN

Date	Mobilisation	Travel Time	Downtime	Recording	Layout/Pick-up Spread	Testing	QC Spread	Recorder/ Vibrator Move	Detours & Terrain	Line Change	Testing & Troubleshooting	Downtime	WOS	Weather/Ot her	Safety Meeting's	Total Stand-by	Total Hours	Total Km's	Traffic Management Supervisor	Traffic Management Crew	Traffic Management Crew
		Chargeable	Non-Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Non-Chargeable	Non-Chargeable	Chargeable	Stand-by	Stand-by	Chargeable	Chargeable		1 Man+1 vehicle	1 Man+1 vehicle	2 Man+1 vehicle
24 March 2006																			0.30		
25 March 2006																					
26 March 2006																			0.20		
27 March 2006																			0.25		
28 March 2006																			0.20		
29 March 2006																			0.50		
30 March 2006																			0.20		
31 March 2006																					
1 April 2006																					
2 April 2006																					
3 April 2006																				1	1
4 April 2006																				1	1
5 April 2006																				1	1
6 April 2006																				1	1
7 April 2006																				1	1
8 April 2006																				1	1
9 April 2006																				1	1
10 April 2006																				1	1
11 April 2006																				1	1
12 April 2006																				1	1
13 April 2006																				1	1
14 April 2006																				0	1
15 April 2006																				0.5	1
16 April 2006																				1	2
17 April 2006																				1	1
18 April 2006																				1	2
19 April 2006																				1	2
20 April 2006																				1	2
21 April 2006	8.00																			1	3
22 April 2006	9.00																			1	3
23 April 2006		2.00			5.00										1.50	1.50	7.00	-	1	3	5
24 April 2006		1.60	0.70	0.60	3.80	2.00	1.50		0.60					0.30	0.30	10.10	0.6000	1	3	5	
25 April 2006		1.90	1.30	6.00		0.80	0.60	0.60						0.40	0.40	9.30	6.7600	1	3	5	
26 April 2006		1.30	1.30	5.70		1.10	1.20	0.30						0.40	0.40	9.60	7.0600	1	1	7	
27 April 2006		1.40	0.80	6.20		0.90	0.60	0.50					0.30	0.30	0.30	9.90	7.1800	1	2	6	
28 April 2006		1.20		7.40		0.90	0.70						0.70	0.30	0.30	10.90	9.1800	1	1	7	
29 April 2006															10.00	10.00	0.00		1	7	
30 April 2006															10.00	10.00	0.00		1	7	
1 May 2006		0.50		3.50		0.40	0.50	0.50						3.30	0.30	3.60	5.40	4.3200	1		8
2 May 2006		0.90		4.80		3.40	0.50	0.40			0.30				0.40	0.40	10.00	5.2600	1		8
3 May 2006														9.70	0.30	10.00	0.00	-	1		8
4 May 2006		0.50													0.30	0.30	0.50	-	1	3	6
5 May 2006		0.50		7.20										2.00	0.30	2.30	7.70	-	1	3	6
6 May 2006	8.00															-	0.00	-		1	1
17 May 2006	8.00																-	0.00		1	1
18 May 2006		1.00			8.50	1.00									0.50	0.50	10.50	-	1	5	4
19 May 2006		1.30		4.30	3.10			0.70	0.50			1.00			0.30	0.30	9.90	5.2000	1	4	4
20 May 2006		1.40		6.80			1.50		0.30			0.70			0.50	0.50	10.00	6.9400	1	4	4
21 May 2006		1.50		6.90			0.70	1.50				0.30			0.40	0.40	10.60	8.0600	1	4	4
22 May 2006		1.70		7.10			1.00	0.50				0.50	0.50		0.30	0.30	10.80	8.0200	1	4	4
23 May 2006		2.00		5.10			1.10	0.50	0.30			2.10			0.30	0.30	9.00	4.7800	1	3	5
24 May 2006		2.30		7.90			0.70	0.50							0.30	0.30	11.40	9.9000	1	4	4
25 May 2006		2.40		7.40			0.50	0.90	0.20						0.30	0.30	11.40	10.4800	1	3	5
26 May 2006		2.60		5.90			0.50	0.50	1.30					0.40	0.30	0.30	11.20	7.2400	1	4	4
27 May 2006		2.20		5.90			0.50	1.00	1.00				0.40		0.30	0.30	11.00	6.6000	1	3	3
28 May 2006		2.70		6.90			0.50	1.00				0.50			0.40	0.40	11.10	8.1000	1	3	3
29 May 2006		3.30		6.60			0.70	1.00				0.30			0.30	0.30	11.60	8.0200	1	3	3
30 May 2006		3.20		6.70			0.60	0.60				0.10			0.30	0.30	11.10	8.1600	1	3	3
31 May 2006		3.70		7.00			0.50	0.50							0.30	0.30	11.70	8.8000	1	3	3
1 June 2006		3.00		5.20			0.80	0.50		1.80		0.20			0.30	0.30	11.30	6.3000	1	3	3
2 June 2006		2.00		2.20	6.40		0.20							0.20	0.30	0.30	11.00	2.7200	1	1	3
Total	33,0000	48.1000	4.1000	126.1000	34.0000	3.0000	18.8000	13.8000	5.9000	1.8000	0.3000	5.7000	2.5000	15.0000	30.2000	45.2000	254.0000	149.6800	50.1500	99.0000	170.5000

Total Hours = Travel Time + Recording + Layout / Pick-up Spread + QC Spread + Recorder / Vibrator Move + Detours + Terrain + Line Change + WOS.

Total Standby = Weather / Other + Safety Meetings