



WEEKLY PRODUCTION SUMMARY

Week Ending 6 February 2005

Client **Apache Energy Ltd**

Survey **SUE 3D GAP04B Gippsland Basin Seismic Project**

Vessel ***M/V Western Trident***

General

Survey operations were hampered by severe weather early in the week but with significant improvement in weather as the week ends. Downtime has been limited to minor reshoots and one late start to a line due to air pressure leaks.

Equipment damage resulted from contact with submerged fishing gear or debris during sequence 049. The trailing equipment had to be recovered to replace fairing on lead in No 3 that had been torn off. During the time the equipment was under repair, measures were taken to prepare for shallow water operations by shortening chain lengths and increasing towed array flotation.

During the severe weather, tailbuoy No 8 parted from the streamer and became entangled in tailbuoy No 6. There was little the crew could do until sea conditions permitted workboat launch to re-attach the tailbuoy to the streamer. This was quickly carried out on Feb 4th along with other in-water maintenance.

Production

Good production has been achieved since resuming operations following bad weather. A total of twenty three prime lines were acquired during the week. No infill was acquired. Survey operations began in shallow water closer inshore once procedures had been established and approved. Depth soundings to determine maximum lead in catenaries depth were carried out by workboat when weather permitted.

Data quality remains good. Significant low frequency – high amplitude ground roll and side reflections from the shoals were observed on most records as the vessel began acquiring lines closer to shore.

Technical

Technical problems have been limited to individual source element timing errors and occasional misfires. Infrequent streamer telemetry errors occurred from cable No 8.

Sequence 064 incurred a Digicourse DMU hangup where compass and acoustic data was not transmitted for 91 shotpoints. The cause of the hangup has yet to be determined.

Weather & Sea Conditions

Generally unsettled weather has been observed during the week since the severe weather at the beginning of the week. Wind has been predominantly SW varying in strength from 15- 20 knots to 25 to 30 knots generating choppy sea and moderate swell.

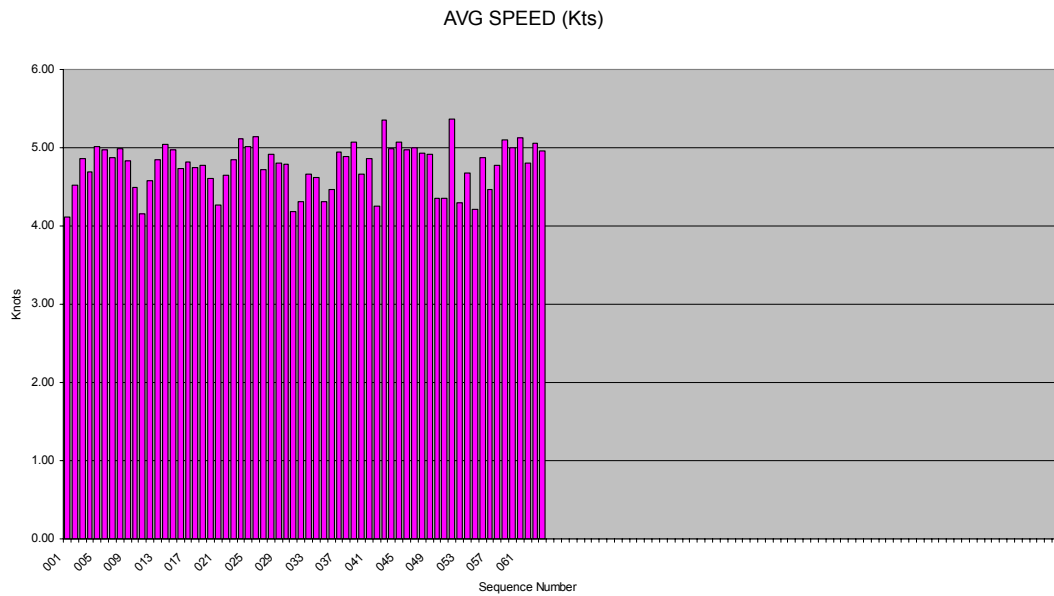


Fig.1 Shooting Speed – Valid to Seq 064

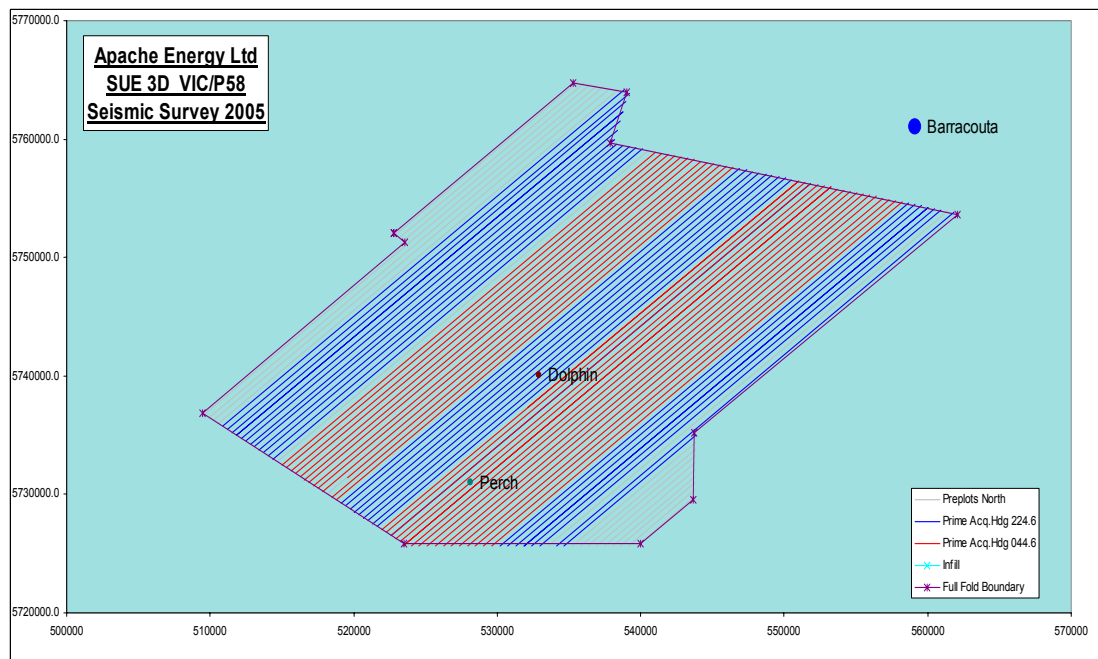


Fig.2 Survey Progress Map – Valid to Seq 064

| Health, Safety & Environment | | | |
|------------------------------|-----------------------------|------|--------|
| Description | | Week | Survey |
| Incidents | Near Miss or Accident | 0 | 0 |
| | First Aid Case | 0 | 0 |
| | Medical Treatment | 0 | 0 |
| | Restricted Work Case | 0 | 0 |
| | Lost Time Incidents | 0 | 1 |
| | Medevac | 0 | 0 |
| Events | Risk Identification Reports | 10 | 43 |
| | Small Boat Launches | 6 | 11 |
| | Helicopter Movement | 0 | 2 |
| | MOB Drill | 0 | 0 |
| | Fire Drill | 1 | 2 |
| | Emergency Boat Drill | 0 | 1 |
| | Safety Meeting | 0 | 0 |
| | Safety Committee Meeting | 1 | 1 |
| | HSE presentations | 0 | 0 |
| | Toolbox Meeting | 6 | 12 |
| | Safety Induction tour | 0 | 1 |
| | Helicopter Crash Drill | 0 | 1 |
| Totals | Marine Crew man day | 140 | 440 |
| | Seismic Crew man day | 140 | 440 |
| | Other Crew man day | 91 | 291 |
| | Total Man Hours | 8904 | 27096 |
| | Fuel Consumed (M³) | 203 | 463 |

Fig. 3 Weekly HSE Statistics

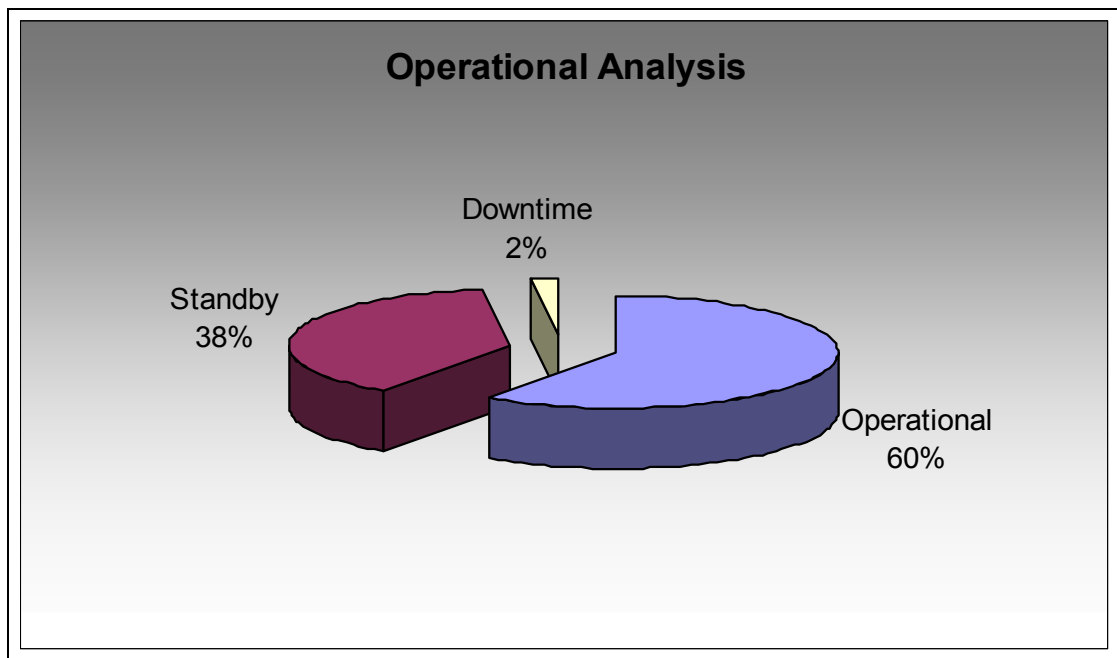


Fig. 4 Survey Timing

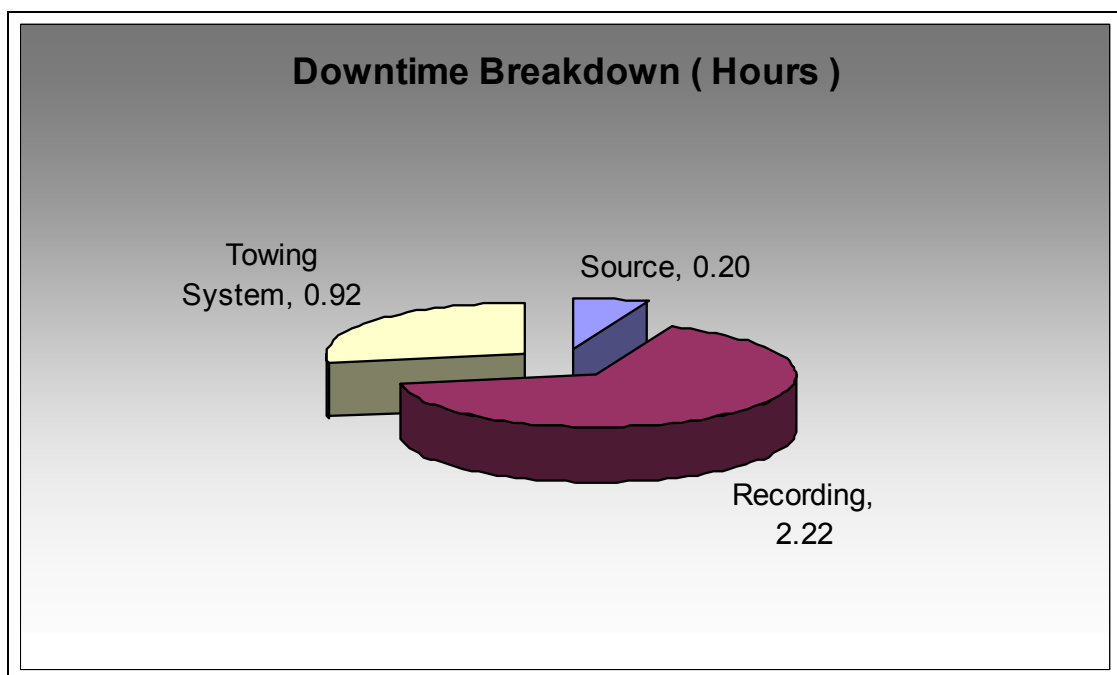


Fig.5 Weekly Downtime Analysis

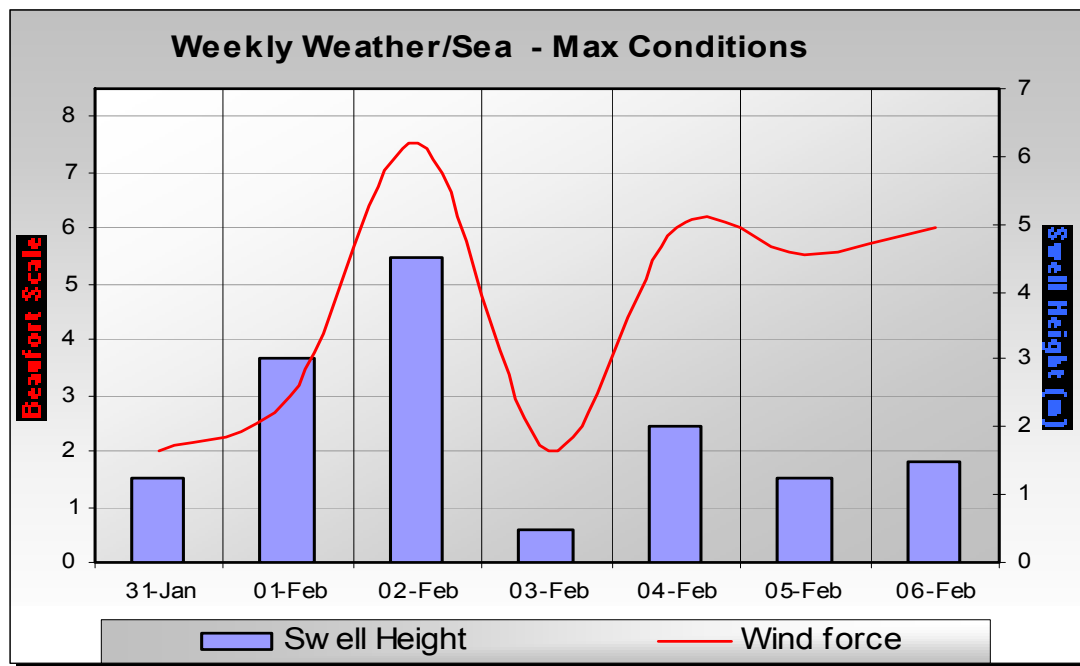


Fig. 6 Wind & Sea State During the Week

| Weekly Total | | |
|---------------------------------|-------------------------|------------------|
| Date | Prime Sail CMP Kms | Infill Kms |
| 31-Jan | 1323.60 | 0.00 |
| 01-Feb | 889.80 | 0.00 |
| 02-Feb | 648.00 | 0.00 |
| 03-Feb | 563.10 | 0.00 |
| 04-Feb | 1992.900 | 0.00 |
| 05-Feb | 2286.30 | 0.00 |
| 06-Feb | 2289.90 | 0.00 |
| Weekly Total | 9993.600 | 0.0000 |
| Survey Total | 39814.500 | 1398.3000 |
| Forecast Completion Date | 12 February 2005 | |

Fig.7 Weekly Production



Summary

The survey has progressed slowly during the week due to weather but the pace has picked up towards the end of the week. The survey has been completed to 86.76 % of prime coverage acquired with less than 4.0 % infill. Acquisition in shallow water close inshore has been carried out in relative safety once procedures and precautionary measures were put in place to assure the safety of the vessel and the trailing equipment. Workboat operations to carry out in-water maintenance have been successful.

Data quality appears to be reasonably good. Streamer average rms noise values are within specifications in most cases. Ground roll effect and side reflections from the shoals have been observed on most records during shallow water acquisition. Source individual gun element timing has been erratic on some sequences. Autofires and misfires are rare and are readily detected and logged for editing.

Weekly Production Summary

| | |
|--------------------------------|--|
| No of sequences acquired | 23 |
| Prime lines | 23 |
| Infill lines | 0 |
| Partial lines acquired | 1 |
| Partial reshoot lines acquired | 2 |
| Full lines remaining | 16 |
| Prime sail CMP Km Acquired | 9993.600 |
| Full Fold Square Km acquired | 235.626 |
| Infill sail CMP km acquired | 0.000 |
| Infill as percentage of prime | 3.51 % |
| Infill as percentage of survey | 3.05 % |
| Estimated completion date | February 11 th / 12 th |