



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 during the week have gone fairly smoothly with good weather prevailing. Two crew changes were carried out during the week with the Trident crew changing out on the 27th and the Apache representatives handing over responsibility on the 29th. Downtime has been limited and standby time mostly confined to extended line changes due to current and avoiding obstructions in the area.

Production

Good production has been achieved for the survey to date. A total of twenty one sequences were acquired during the week with three requiring a reshoot for various technical problems. An MSX lockup during sequence # 23 resulted in the line NTBP. Two infill passes have been acquired during the week.

The Trident crew change on the 27th affected production inasmuch as the vessel had to maintain heading during helicopter landing and takeoff causing the line to be aborted. This was the largest component of downtime for the survey to date.

An unusual problem during sequence # 038 occurred when the MOB alarm was suddenly activated shutting down the source causing the line to be aborted. The same thing occurred again during the following sequence.

Technical

Technical problems have been limited to MSX hangups, occasional source misfires and individual gun timing errors, and streamer telemetry errors from cable No 8. The exact cause of the false MOB alarm has yet to be determined but is no doubt related to electrical leakage.

Weather & Sea Conditions

Generally good weather has been observed during the week with a surge in wind strength Sunday afternoon generating moderate swell. Strong current has been experienced causing extended line changes as the vessel makes reduced headway in one direction.

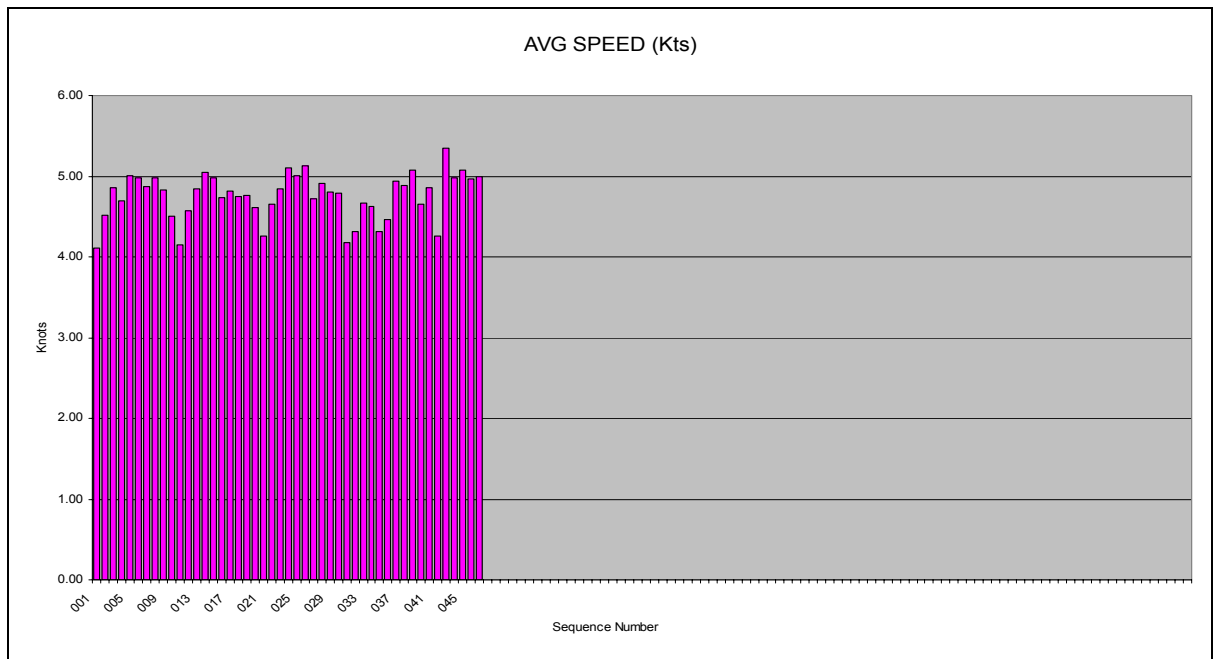
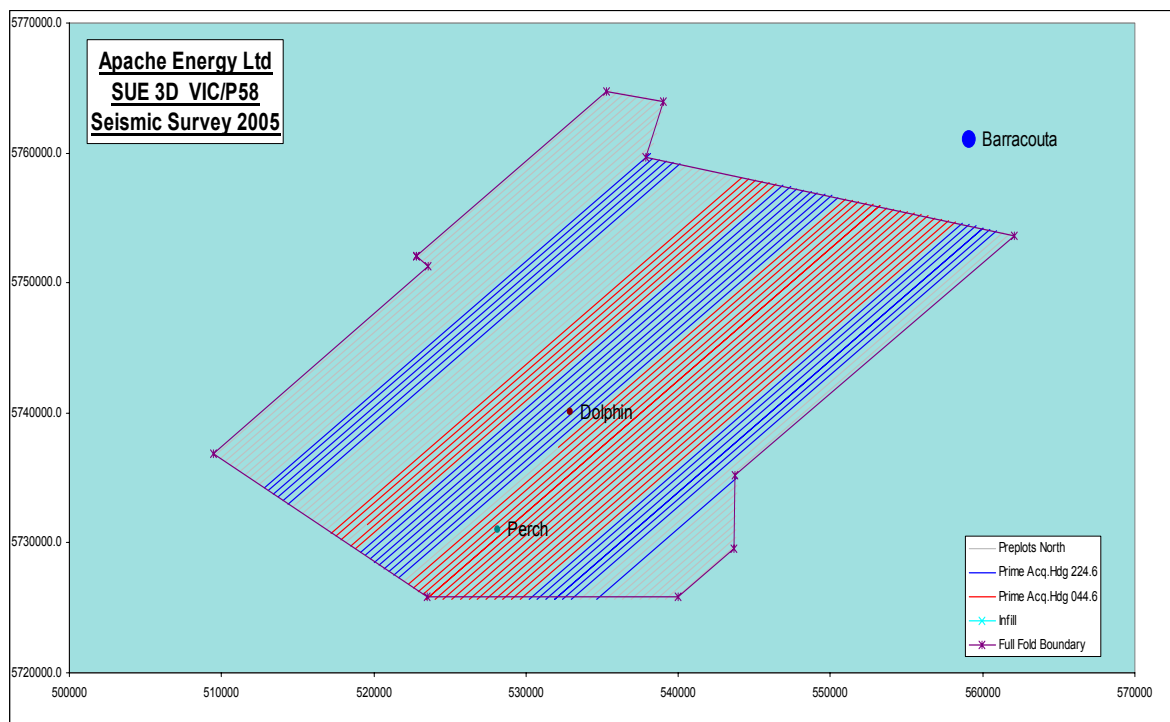


Fig.1 Average shooting speed Fig .2 Below – Survey Progress Chart





HSE Statistics

Description			Project
Incidents			
Near Miss			0
First Aid Case			0
Medical Treatment Case			0
Restricted Work Case			0
Lost Time Injury			1
Reports			
Hazard Reports(RIR)			32
Small Boat Launches			6
Environmental Incidents			0
Drills			
Man Overboard Drill			0
Fire Drill			1
Abandon Ship Drill			1
Oil Spill Recovery Drill (SOPEP)			0
Helicopter Crash Drill			1
Observations			
Marine Fauna(Cetaceans)			0
Meetings			
Safety Meeting			0
Inspection Tour			1
Safety Committee Meeting			0
Toolbox Meetings			4
Totals			
No. Marine Crew (Days)			137
No. Seismic Crew (Days)			137
No. Others (Days)			86
Exposure Hours *			18192
Fuel Usage (cu.m) (weekly only)			231
* Exposure hours calculated at 24hrs per day per person x Total man days			

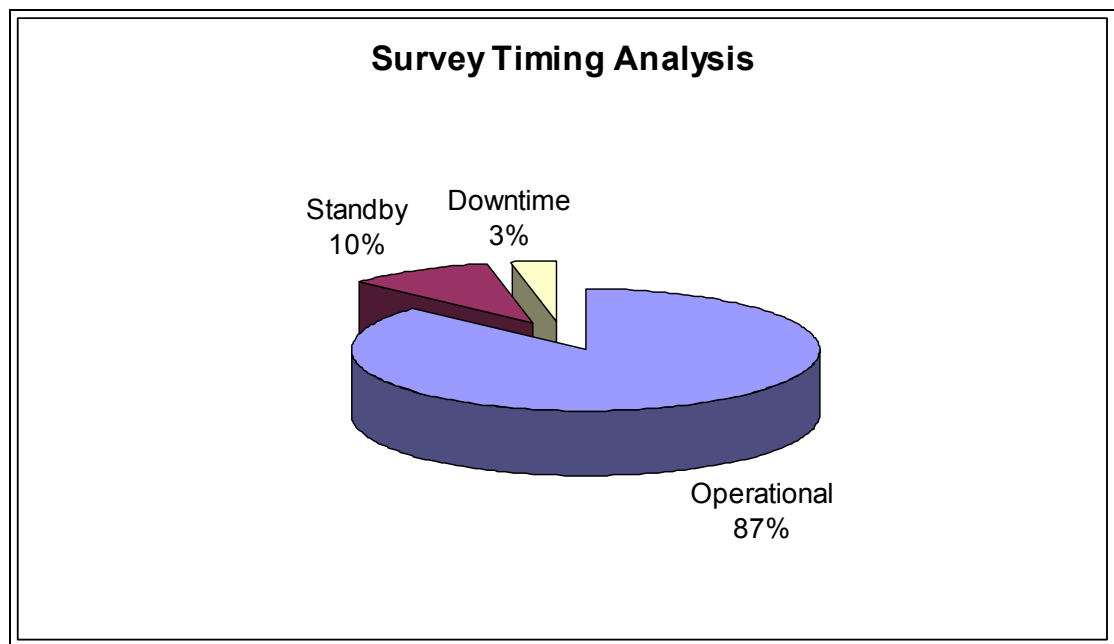


Fig.3 Survey Timing

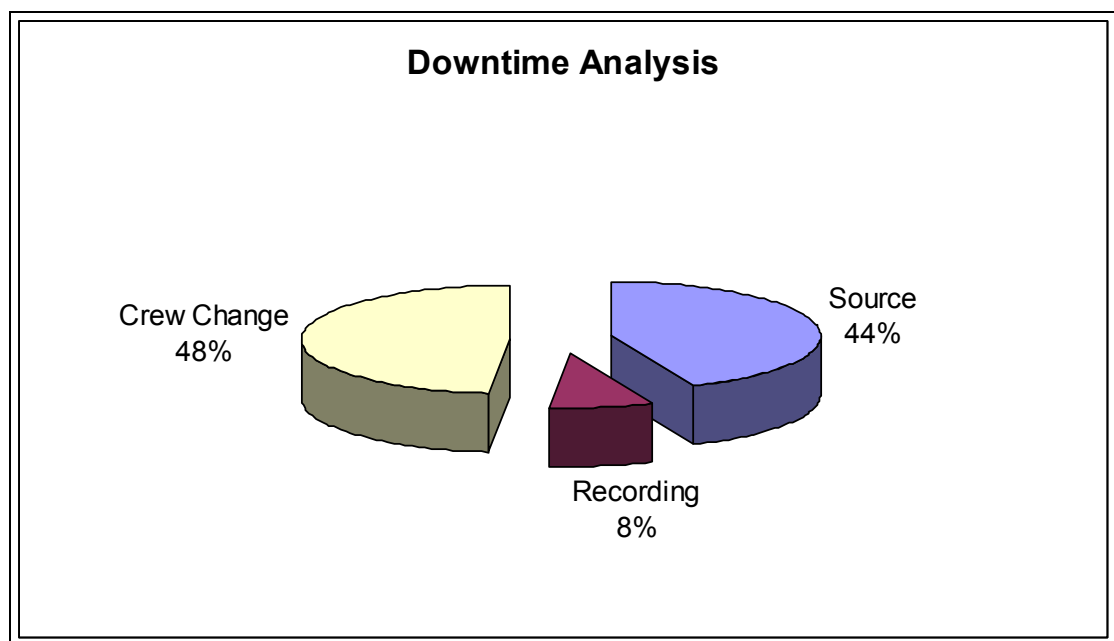


Fig.4 Downtime

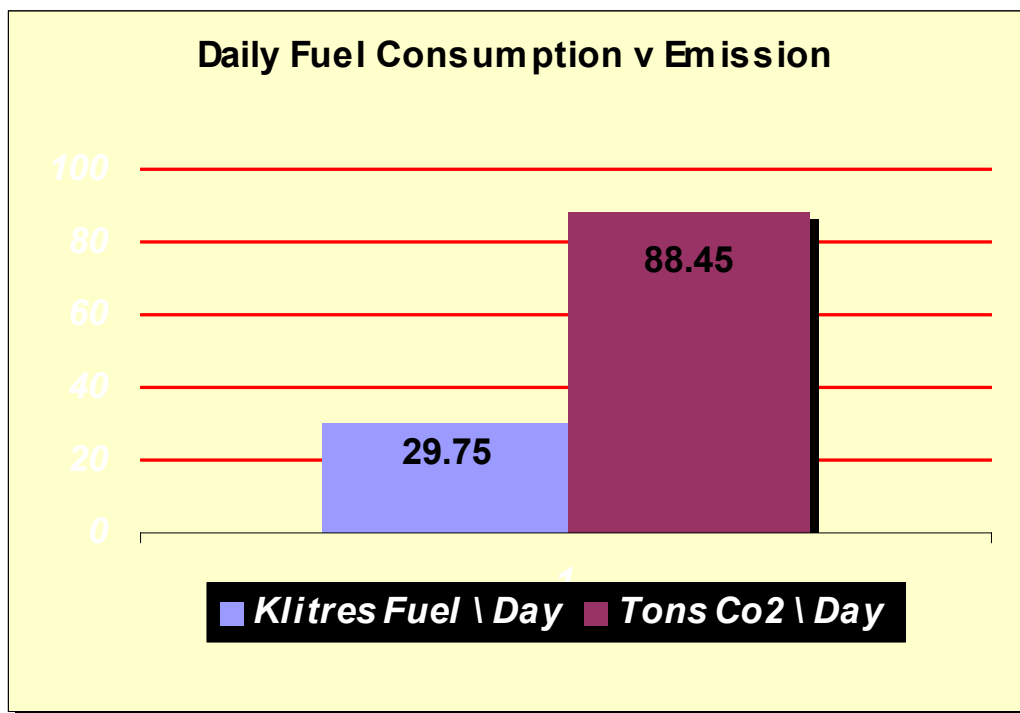


Fig. 5 Vessel Fuel consumption & CO2 emissions (start of survey)

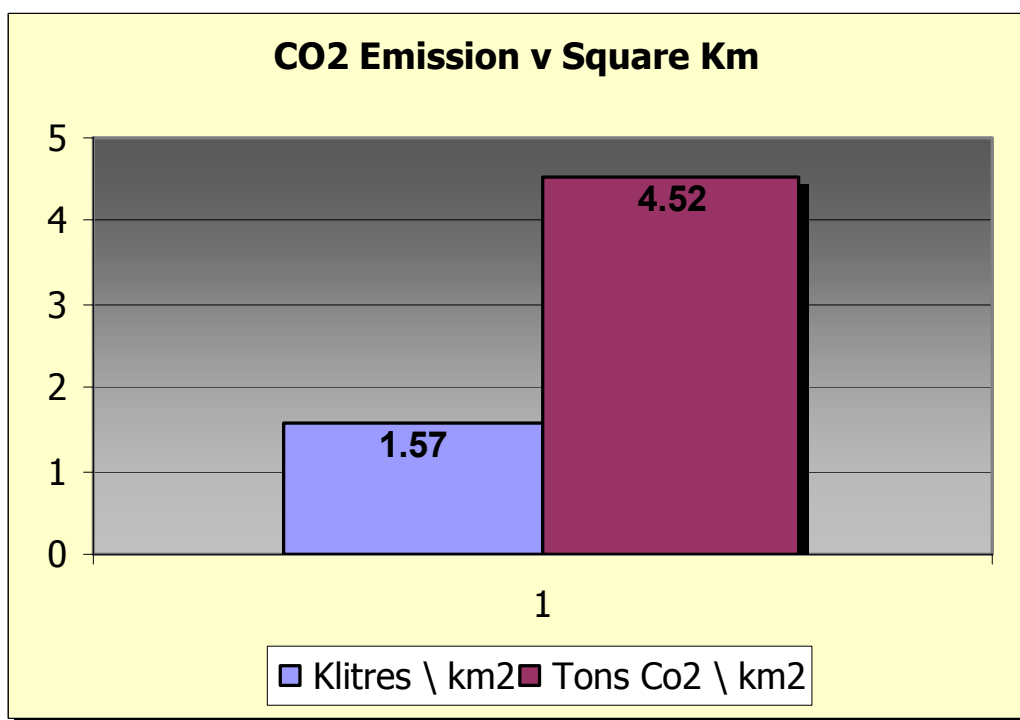


Fig.6 CO2 emission per square Km surveyed (start of survey)



Summary

The survey has progressed mostly unimpeded by fishing activity, shipping or weather during January and has been completed to almost 65 % of prime coverage acquired with less than 5 % infill. Acquisition around the structures in the survey area has been carried out in a very professional manner. 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. Source individual gun element timing has been erratic on some Sequences. Autofires are rare and are readily detected and logged for editing.

Production

No of sequences acquired	47
Prime lines	45
Infill lines	2
Partial lines acquired	1
Partial reshoot lines (edits) required	5
Full lines remaining	30
Prime sail CMP Km Acquired	29820.90
Full Fold Square Km acquired	703.59
Infill sail CMP km acquired	1398.300
Infill as percentage of prime	4.69 %
Infill as percentage of survey	3.05 %
Estimated completion date	February 10 th \ 11 th