

SEMI-SUBMERSIBLE SURFACE POSITIONING NOTICE

Madfish-1 Spud Location DGPS Surface Position

To: **Apache Energy Limited**
Level 3
256 St Georges Terrace
Perth WA 6000

From: **Neptune Geomatics**
Job No.: **8A314**
Signed:

Ryan Thomas
Surveyor

Date: **27th November 2008**

Attn.: **Apache Company Man**

Onboard Ocean Patriot

Copy: **Ocean Patriot OIM**

Onboard Ocean Patriot

A. DGPS Surface Position of the Ocean Patriot Drill Stem

The DGPS surface position of the Ocean Patriot drill stem at the Madfish-1 location was computed between 1427 and 1615 on 27th November 2008. The DGPS data were recorded after the initial spudding and the preliminary position fix.

Madfish-1 location DGPS Surface Position of the Ocean Patriot Drill Stem:

Datum: Geocentric Datum of Australia 1994 (GDA94)

Latitude: 38° 39' 24.823" South

Longitude: 148° 31' 24.486" East

Projection: Map Grid of Australia (MGA) Zone 55 C.M. 147° East

Easting: 632 558m

Northing: 5 720 196m

The Intended Madfish-1 location was:

Datum: Geocentric Datum of Australia 1994 (GDA94)

Latitude: 38° 39' 24.755" South

Longitude: 148° 31' 24.554" East

Projection: Map Grid of Australia (MGA) Zone 55 C.M. 147° East

Easting: 632 559.68m

Northing: 5 720 198.06m

Madfish-1 DGPS surface position of the Ocean Patriot drill stem was 2.66m on a bearing of 38.25° (True) from the intended Madfish-1 location.

The observed rig heading was 230.5° True.

B. Ocean Patriot Anchor Positions

The final anchor positions corrected for catenary are as follows:

Datum: GDA94, Projection: MGA Zone 55, CM 147° East.

Anchor	Easting	Northing	Length (m)	Brg	Chain Out (m)	Depth (m)	Tension (t)	Touch Down Length (m)
1	631275.62	5719977.79	1247.8	259.6°	1367	371	141	567
2	631326.93	5720625.63	1255.7	289.6°	1369	363	144	565
3	632321.00	5721560.52	1344.8	349.5°	1376	381	177	717
4	632993.58	5721439.38	1277.3	19.1°	1390	400	186	417
5	633839.77	5720406.69	1259.7	79.8°	1396	442	179	405
6	633733.35	5719750.31	1216.1	110.2°	1352	448	186	333
7	632752.52	5718866.52	1295.8	170.5°	1430	432	173	468
8	632076.63	5718977.65	1257.6	201.9°	1371	396	180	420

