

Fugro Job Number 08008
 Job Name Rig Move from Netherby-1 to Henry-2 DW
 Fugro Personnel G. Marshall - Surveyor in Charge
 A. Waugh - Surveyor
 Client Name SANTOS Ltd
 Client Representative K. O'Halloran
 Sampling Started 24 Aug 2008 11:18:04 PM UTC
 Sampling Ended 25 Aug 2008 9:19:25 PM UTC
 Output File Name "238 21 19 25(1).pdf"
 Comment Henry-2 DW Final Fix

Ocean Patriot At Otway Basin - Final DGPS Position Fix Summary for Drill Stem

Drill Stem Offset From CRP

Starboard 0.000 m
 Forward 0.000 m
 Up 0.000 m

Geodetic Datum GDA94-ITRF2008.50

Latitude 38°42'14.5573"S
 Longitude 142°37'13.0566"E

Projection Universal Transverse Mercator Zone: 54

Easting 640890.807 m
 Northing 5714819.295 m

Final Rig Heading 217.14 °T (Convergence 1.01° Aust/NZ)

Gyro C-O 0.23 °

Drill Stem Position is 0.00 m on a bearing of 1.38 °T (2.39 °G) FROM intended location

Intended Offset / Well Location


Geodetic Datum GDA94-ITRF2008.50

Latitude 38°42'14.5573"S
 Longitude 142°37'13.0566"E

Projection Universal Transverse Mercator Zone: 54

Easting 640890.807 m
 Northing 5714819.295 m

Team Leader / Surveyor: 

Client Representative : 

DRILLING RIG POSITION: MODU OCEAN PATRIOT

Location: Henry-2-DW1

PRELIMINARY POSITION NOTIFICATION

To: Chris Roots Senior Drilling Supervisor: Santos
From: Kevin O'Halloran. Santos/RPS Survey Representative
Date: 26 Aug 08 Time: 08:00

DGPS Final Fix:

During spudding the well and setting the conductor, Differential GPS position fixes were recorded at 5 second intervals from 0918hrs on 25 Aug 0719hrs on 26 Aug 2008. The attached Fugro Field Report details the results of these observations, which have been checked and independently confirmed by myself:

(Point A: Proposed Coordinates, Point B: Fugro Final Fix)

The screenshot shows a software window titled "Spheroid : GDA 94" and "Projection : U.T.M. Zone 54". It contains several input fields and calculation options. The main data is organized into two columns for Point A and Point B. Point A values are in red text, and Point B values are in blue text. The interface includes sections for "Range and Bearing", "Range / Bearing Formulae", and "Convergence Formulae". There are also buttons for "Clear All", "Clear B", "Compute", and "Exit".

	Point A	Point B
Latitude	038 42 14.5331 S	038 42 14.5573 S
Longitude	142 37 13.0359 E	142 37 13.0566 E
Easting	640,890.320	640,890.807
Northing	5,714,820.050	5,714,819.295
Ellipsoidal Height	0.000	0.000
Azimuth	+146 09 47.8906	+326 09 47.8777
Grid Conv.	+001 00 47.9830	+001 00 47.9970
Grid Bearing	+147 10 35.8737	+327 10 35.8743
Arc to Chord	+000 00 00.0003	-000 00 00.0003
Plane Bearing	+147 10 35.9010	+327 10 35.9010
Point Scale	0.999844442	0.999844444
Spher Dist	0.899	
Line Scale	0.999844443	
Grid/Plane Dist	0.898	
Radio Dist	0.899	

Range and Bearing: Input Output

Range / Bearing Formulae: Robbins (Geogs) UTM / AMG (Grid) Plane Grid

Convergence Formulae: Geographical Grid

Blue Text is for computed data.
Red Text is for entered data.

Results to UTMCONV.CSV

Fix Number: HENRY-2

Buttons: Clear All, Clear B, Compute, Exit

Whilst unlikely to change this notification is to be considered preliminary until such time as the formal Survey Report from Fugro has been accepted by Santos.

Kevin O'Halloran
RPS Energy Ltd

K. O'Halloran
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