

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 14/10/2023

Project Details

Position Fix Date	14/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	HIL-04Aa

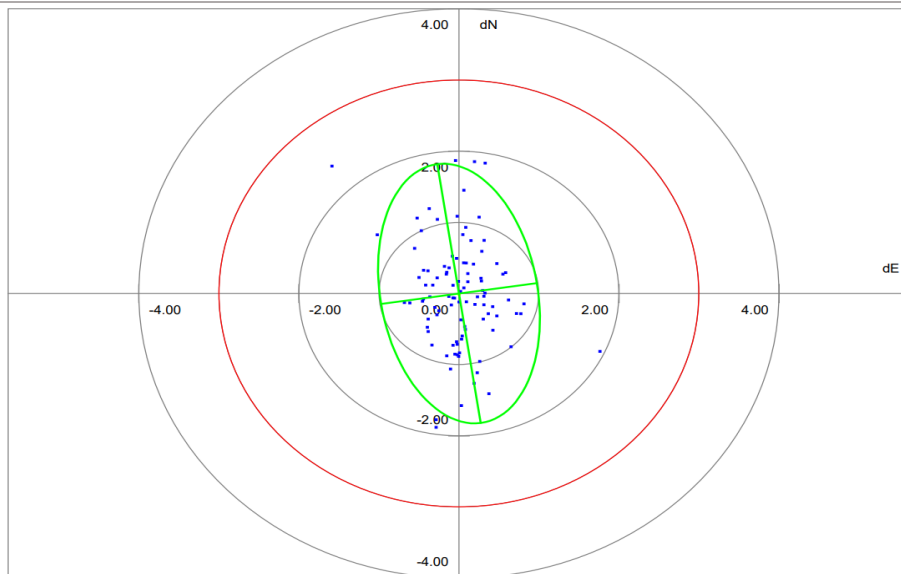
Geodetic Parameters

Datum	World Geodetic System 1984 (WGS84)	Projection	UTM Zone 5N
Spheroid	WGS84	Latitude of Origin	0°
Semi Major Axis	6378137 m	Longitude of Origin	153°W (-153°)
1/f	298.2572236	False Easting	500 000m
Units	Meter	False Northing	0m
		Scale Factor	0.9996

Position Summary

Proposed Position (P)		Surveyed Position (S)	
Latitude	19°52' 13.01659" N	Latitude	19°52' 13.118" N
Longitude	154°57' 14.28239" W	Longitude	154°57' 14.400 " W
Easting (m)	295407.19	Easting (m)	295403.81 SD 0.41
Northing (m)	2198312.94	Northing (m)	2198316.10 SD 0.75
Water Depth (MSL) (m)	354.0	Water Depth (MSL) (m)	347.00 ± 0.66
		Water Depth (LAT) (m)	346.60 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	-3.380	Range (m)	4.63
Northing (m)	3.160	Grid bearing °	313.07
Water Depth (m)	-7.000		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	9:29:25
No of Position Accepted	100	End Logging (Local)	9:31:08
Percentage of Accepted	100%	Logging Duration	0:01:43

Comments

Position acquired at 1 USBL update intervals. Depth from SVX2 pressure sensor.

MMA Surveyor

W.Smith

Benthic Rep

Barbara Azevedo