

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 27/10/2023

Project Details

Position Fix Date	27/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	MAH-04Aa

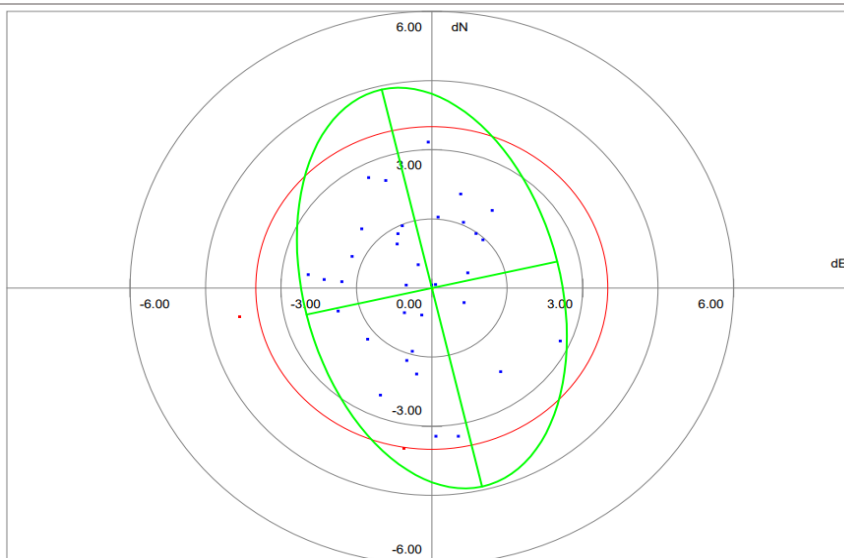
Geodetic Parameters

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)	MAH-04A	Surveyed Position (S)	
Latitude	20° 03' 54.59400" N	Latitude	20° 03' 54.60879" N
Longitude	156° 16' 01.00199" W	Longitude	156° 16' 00.97716" W
Easting (m)	158258.77	Easting (m)	158259.50 SD 1.10
Northing (m)	2222037.70	Northing (m)	2222038.14 SD 1.77
Water Depth (MSL) (m)	1234.0	Water Depth (MSL) (m)	1241.8 ± 0.66
		Water Depth (LAT) (m)	1241.3 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	0.731	Range (m)	0.85
Northing (m)	0.441	Grid bearing °	58.90
Water Depth (m)	7.800		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	6:29:46
No of Position Accepted	98	End Logging (Local)	6:33:41
Percentage of Accepted	98%	Logging Duration	0:03:55

Comments

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