

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Hasin
Date 2/10/2023

Project Details

Position Fix Date	2/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KOH-02Aa

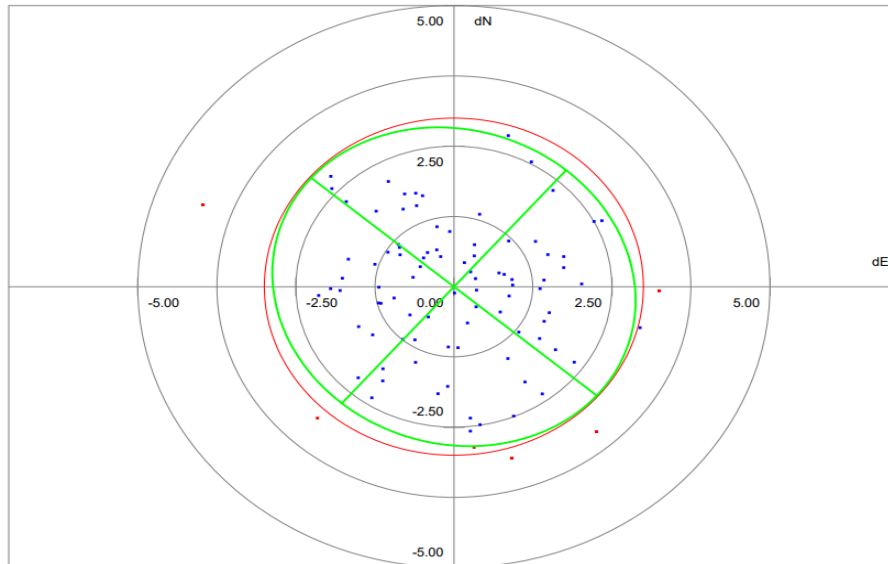
Geodetic Parameters

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	20;16;25.19273 N	Latitude	20;16;25.237 N
Longitude	155;29;23.74137 W	Longitude	155;29;23.649 W
Easting (m)	239931.380	Easting (m)	239933.640 SD 1.17
Northing (m)	2243724.380	Northing (m)	2243725.790 SD 1.16
Water Depth (MSL) (m)	934.0	Water Depth (MSL) (m)	931.900 ± 0.66
		Water Depth (LAT) (m)	931.500 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	2.260	Range (m)	2.664
Northing (m)	1.410	Grid bearing	317.920
Water Depth (m)	-2.100		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	5:44:40
No of Position Accepted	90	End Logging (Local)	5:54:06
Percentage of Accepted	90%	Logging Duration	0:09:26

Comments

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

MMA Surveyor

W.Smith

Benthic Rep

Barbara Azevedo