

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 4/10/2023

Project Details

Position Fix Date	4/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KOH-01Aa

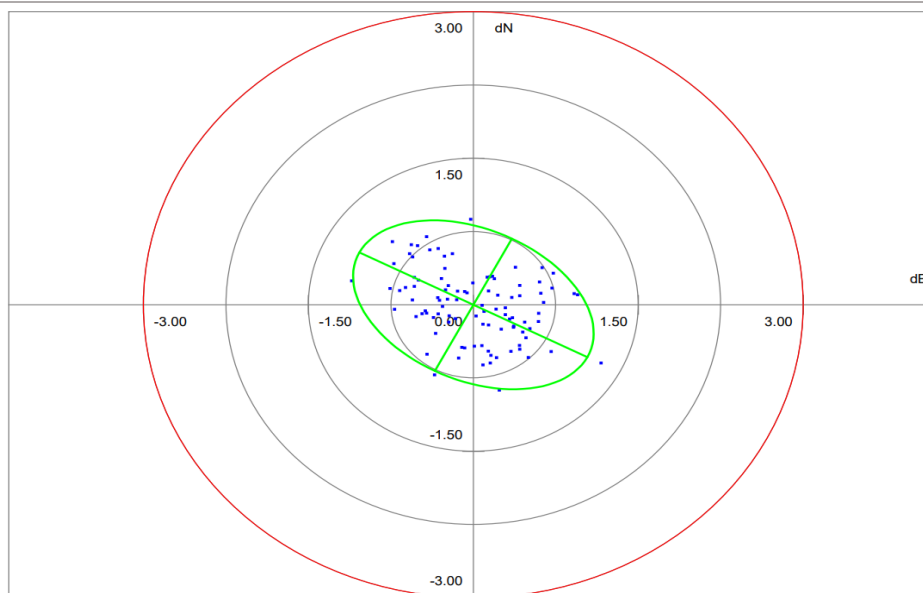
Geodetic Parameters

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;17;23.83696 N	Latitude	20°17'23.937" N
Longitude	155;39;03.13645 W	Longitude	155°39'03.124" W
Easting (m)	223140.750	Easting (m)	223141.170 SD 0.45
Northing (m)	2245790.280	Northing (m)	2245793.350 SD 0.35
Water Depth (MSL) (m)	415.0	Water Depth (MSL) (m)	412.800 ± 0.66
		Water Depth (LAT) (m)	412.400 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	0.420	Range (m)	3.099
Northing (m)	3.070	Grid bearing	317.920
Water Depth (m)	-2.200		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	0:37:14
No of Position Accepted	100	End Logging (Local)	0:38:59
Percentage of Accepted	100%	Logging Duration	0:01:45

Comments

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