

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 8/10/2023

Project Details

Position Fix Date	8/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KOH-01Ab

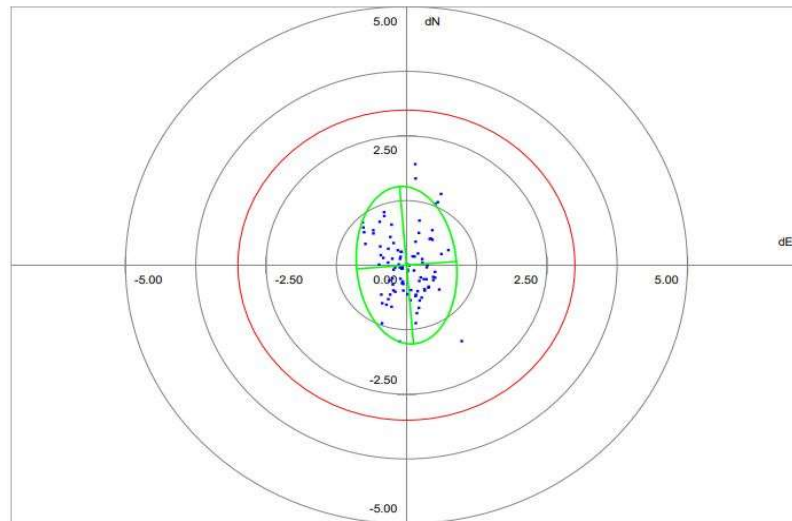
Geodetic Parameters

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' 23.817" N
Longitude	155° 39' 03.13645" W	Longitude	155° 39' 03.413" W
Easting (m)	223140.75	Easting (m)	223132.70 SD 0.37
Northing (m)	2245790.28	Northing (m)	2245789.79 SD 0.62
Water Depth (MSL) (m)	415.0	Water Depth (MSL) (m)	415.40 ± 0.66
		Water Depth (LAT) (m)	415.00 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	-8.050	Range (m)	8.065
Northing (m)	-0.490	Grid bearing	317.920
Water Depth (m)	0.400		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	0:03:01
No of Position Accepted	100	End Logging (Local)	0:04:40
Percentage of Accepted	100%	Logging Duration	0:01:39

Comments

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

MMA Surveyor

W.Smith

Benthic Rep

Barbara Azevedo