

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Hasin
 Date 13/09/2023

Project Details

Position Fix Date	13/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	MAH-01Aa

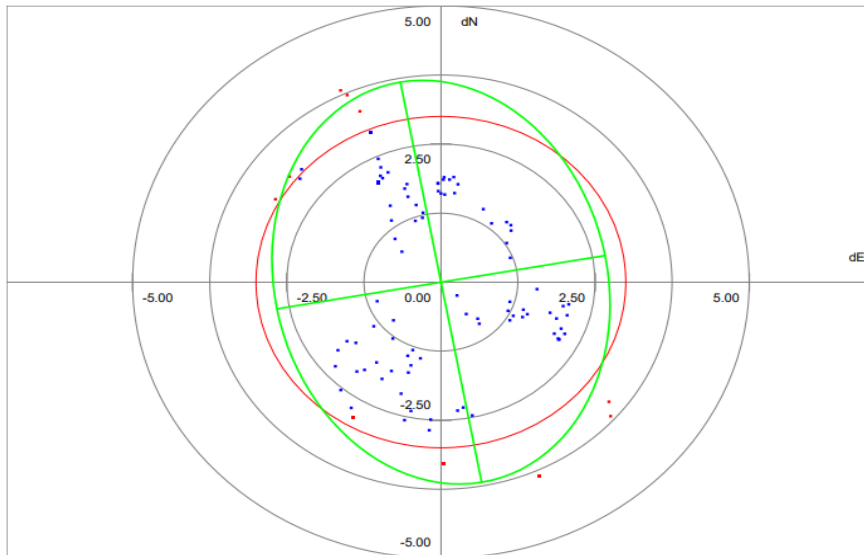
Geodetic Parameters

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;03;19.480N	Latitude	20;03;19.530N
Longitude	156;11;22.909W	Longitude	156;11;23.045W
Easting (m)	166325.203	Easting (m)	166321.270 SD 1.12
Northing (m)	2220800.523	Northing (m)	2220802.150 SD 1.49
Water Depth (MSL) (m)	1102.0	Water Depth (MSL) (m)	1100.1 ± 0.66
		Water Depth (LAT) (m)	1099.5 ± 0.66
Difference (From Proposed to Surveyed)		Range (m)	4.256
Easting (m)	-3.933	Grid bearing	292°
Northing (m)	1.627		
Water Depth (m)	-1.900		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	4:32:36
No of Position Accepted	90	End Logging (Local)	4:34:15
Percentage of Accepted	90%	Logging Duration	0:01:39

Comments

Position acquired at 1 sec interval.

MMA Surveyor

Virginie Ugo

Benthic Rep

Dylan Kuipersmith