

PROD POSITIONING REPORT

Revision 4 Approved by Sahril Hasin
Date 9/09/2023

Project Details

Position Fix Date	7/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-06Ae

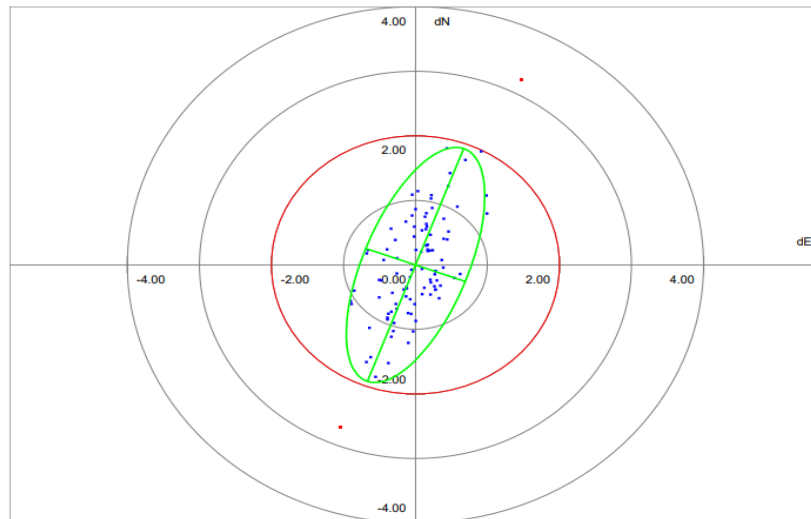
Geodetic Parameters

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;02;11.101N	Latitude	20;02;12.635N
Longitude	156;03;56.506W	Longitude	156;03;56.195W
Easting (m)	179268.070	Easting (m)	179277.980 SD 0.39
Northing (m)	2218453.058	Northing (m)	2218500.100 SD 0.74
Water Depth (MSL) (m)	737.0	Water Depth (MSL) (m)	736.8 ± 0.66
		Water Depth (LAT) (m)	736.2 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	9.910	Range (m)	48.075
Northing (m)	47.042	Grid bearing	10.84°
Water Depth (m)	-0.200		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	4:21:54
No of Position Accepted	98	End Logging (Local)	4:23:33
Percentage of Accepted	98%	Logging Duration	0:01:39

Comments

Position acquired at 1 sec interval.

MMA Surveyor

Kyle Foster

Benthic Rep

Dylan Kuipersmith