

PROD POSITIONING REPORT

Revision 2 Approved by Sahril Hasin
Date 9/09/2023

Project Details

Position Fix Date	6/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-06Ad

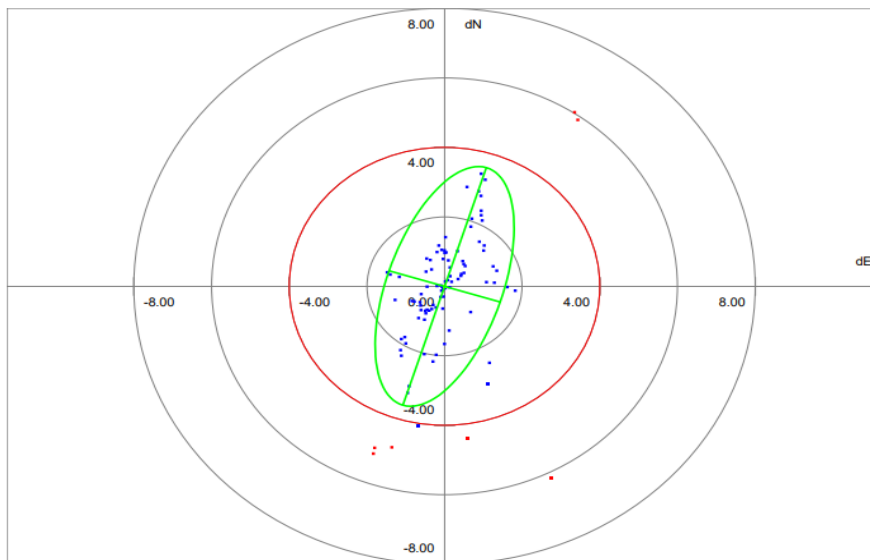
Geodetic Parameters

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;11.122N
Longitude	156;03;56.506W	Longitude	156;03;56.478W
Easting (m)	179268.070	Easting (m)	179268.880 SD 0.73
Northing (m)	2218453.058	Northing (m)	2218453.690 SD 1.41
Water Depth (MSL) (m)	737.0	Water Depth (MSL) (m)	739.9 ± 0.66
		Water Depth (LAT) (m)	739.4 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	0.810	Range (m)	1.027
Northing (m)	0.632	Grid bearing	051°
Water Depth (m)	2.900		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	18:25:13 PM
No of Position Accepted	93	End Logging (Local)	18:26:52 PM
Percentage of Accepted	93%	Logging Duration	0:01:39

Comments

Position acquired at 1 sec interval.

MMA Surveyor

Kyle Foster

Benthic Rep

Dylan Kuipersmith