

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Hasin
Date 15/09/2023

Project Details

Position Fix Date	15/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-04Bc

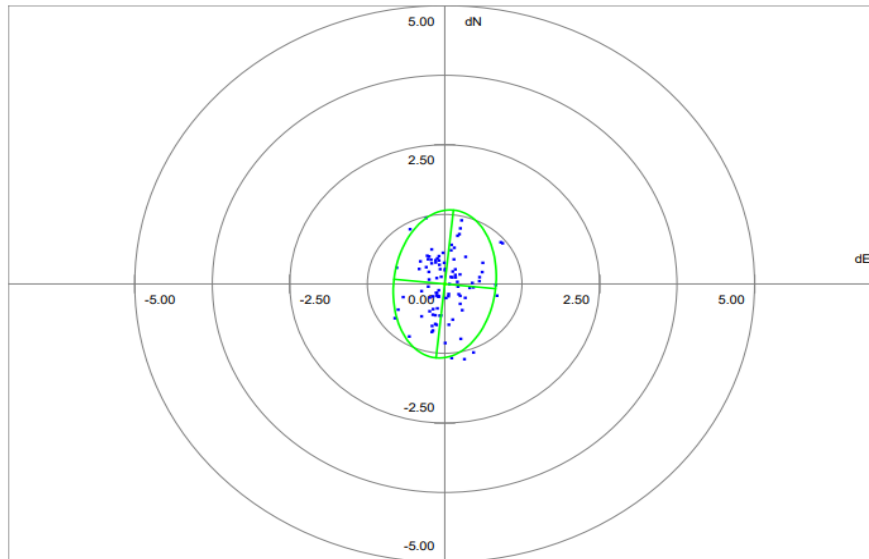
Geodetic Parameters

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	19;56;31.592N	Latitude	19;56;33.091 N
Longitude	156;03;46.354W	Longitude	156;03;49.158 W
Easting (m)	179372.209	Easting (m)	179291.450 SD 0.34
Northing (m)	2208000.019	Northing (m)	2208047.630 SD 0.54
Water Depth (MSL) (m)	414.0	Water Depth (MSL) (m)	417.6 ± 0.66
		Water Depth (LAT) (m)	417.0 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	-80.759	Range (m)	93.749
Northing (m)	47.611	Grid bearing	300.52°
Water Depth (m)	3.600		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	22:18:13 PM
No of Position Accepted	100	End Logging (Local)	22:19:52 PM
Percentage of Accepted	100%	Logging Duration	0:01:39

Comments

Position acquired at 1 sec interval.

MMA Surveyor

Kyle Foster

Benthic Rep

Dylan Kuipersmith