

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Hasin
Date 21/09/2023

Project Details

Position Fix Date	21/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-02Cb

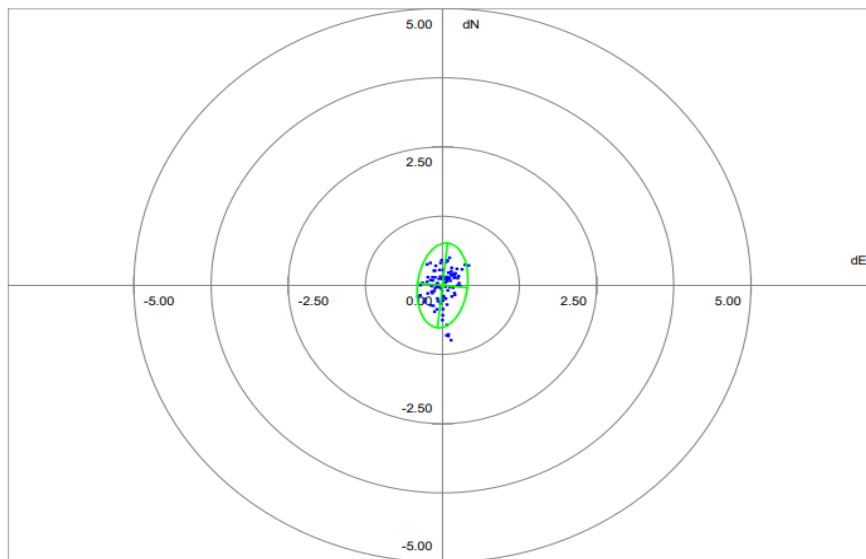
Geodetic Parameters

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;50;03.645N	Latitude	19;50;03.630 N
Longitude	156;05;28.758W	Longitude	156;05;28.316 W
Easting (m)	176172.900	Easting (m)	176185.750 SD 0.17
Northing (m)	2196116.300	Northing (m)	2196115.610 SD 0.31
Water Depth (MSL) (m)	132.9	Water Depth (MSL) (m)	131.9 ± 0.66
		Water Depth (LAT) (m)	131.4 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	12.850	Range (m)	12.869
Northing (m)	-0.690	Grid bearing	93.09°
Water Depth (m)	-1.000		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	17:57:18 PM
No of Position Accepted	100	End Logging (Local)	17:58:57 PM
Percentage of Accepted	100%	Logging Duration	0:01:40

Comments

Position acquired at 1 sec interval.

MMA Surveyor

Kyle Foster

Benthic Rep

Dylan Kuipersmith