

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Hasin
Date 26/09/2023

Project Details

Position Fix Date	26/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-02Cf

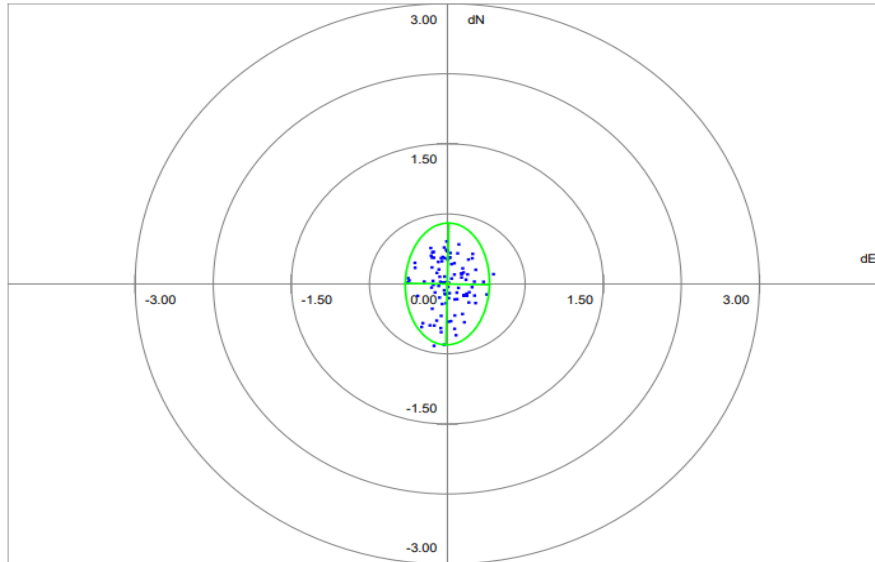
Geodetic Parameters

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;07.217 N
Longitude	156;05;28.758W	Longitude	156;05;32.293 W
Easting (m)	176172.900	Easting (m)	176071.96 SD 0.17
Northing (m)	2196116.300	Northing (m)	2196228.1 SD 0.27
Water Depth (MSL) (m)	132.9	Water Depth (MSL) (m)	145.6 ± 0.66
		Water Depth (LAT) (m)	145.0 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	-100.940	Range (m)	150.626
Northing (m)	111.800	Grid bearing	317.920
Water Depth (m)	12.662		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	12:34:31
No of Position Accepted	100	End Logging (Local)	12:36:10
Percentage of Accepted	100%	Logging Duration	0:01:39

Comments

Position acquired at 1 sec interval.

MMA Surveyor

Kyle Foster

Benthic Rep

Dylan Kuipersmith