

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 11/10/2023

Project Details

Position Fix Date	11/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	HIL-05Aa

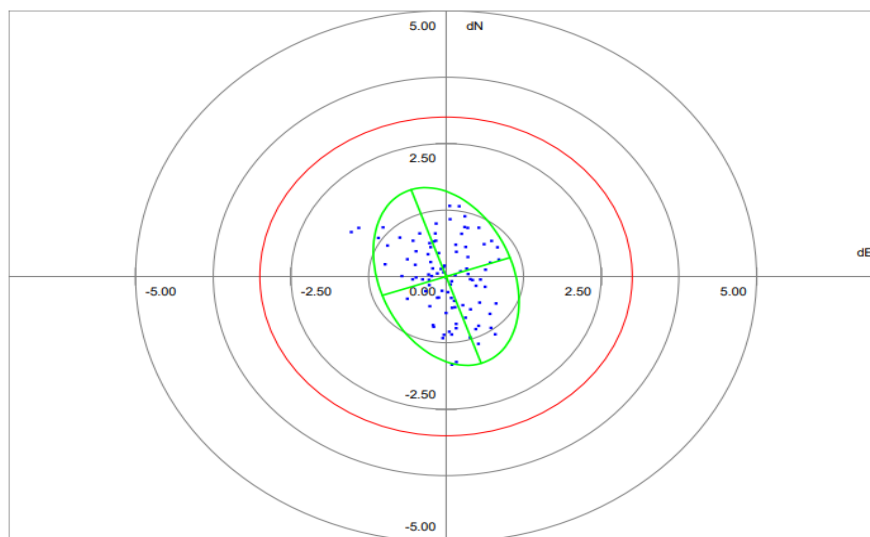
Geodetic Parameters

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;52;37.19660 N	Latitude	19;52;37.237" N
Longitude	154;56;22.62501 W	Longitude	154;56;22.593 " W
Easting (m)	296918.660	Easting (m)	296919.610 SD 0.48
Northing (m)	2199039.160	Northing (m)	2199040.380 SD 0.68
Water Depth (MSL) (m)	402.0	Water Depth (MSL) (m)	404.50 ± 0.66
		Water Depth (LAT) (m)	404.10 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	0.950	Range (m)	1.55
Northing (m)	1.220	Grid bearing	37.95°
Water Depth (m)	2.500		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	22:42:54
No of Position Accepted	100	End Logging (Local)	22:44:33
Percentage of Accepted	100%	Logging Duration	0:01:39

Comments

Position acquired at 1 USBL update intervals. Depth from SVX2 pressure sensor.