

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 30/10/2023

Project Details

Position Fix Date	30/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-04Bd

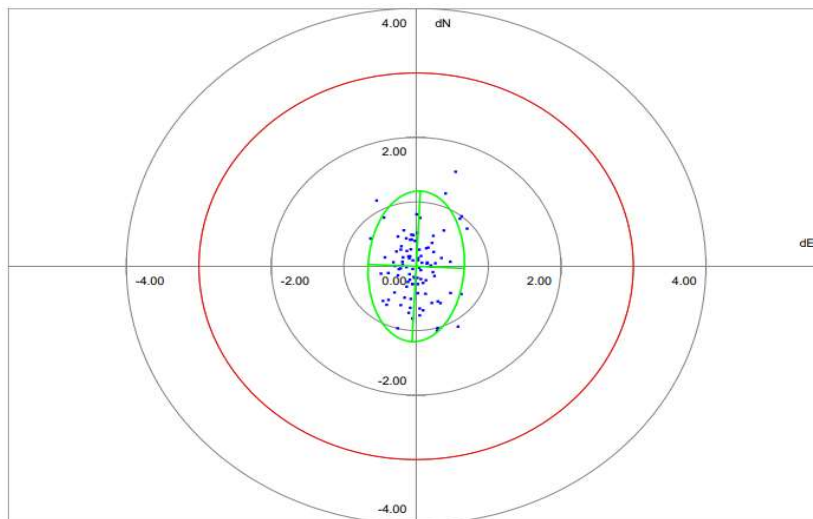
Geodetic Parameters

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)	KAW-04Bd	Surveyed Position (S)	
Latitude	19° 56' 33.6311" N	Latitude	19° 56' 33.717" N
Longitude	156° 03' 48.66235" W	Longitude	156° 03' 48.518" W
Easting (m)	179306.17	Easting (m)	179310.42 SD 0.27
Northing (m)	2208063.98	Northing (m)	2208066.54 SD 0.48
Water Depth (MSL) (m)	418.0	Water Depth (MSL) (m)	424.0 ± 0.66
		Water Depth (LAT) (m)	423.4 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	4.250	Range (m)	4.96
Northing (m)	2.560	Grid bearing °	418.94
Water Depth (m)	6.000		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	12:06:05
No of Position Accepted	100	End Logging (Local)	12:07:55
Percentage of Accepted	100%	Logging Duration	0:01:50

Comments

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