

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 18/10/2023

Project Details

Position Fix Date	17/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAL-01Ab

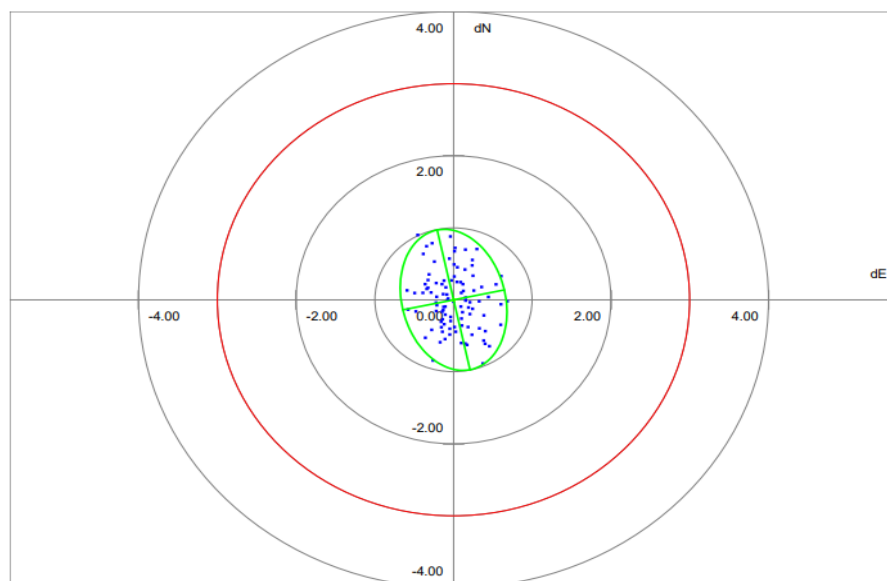
Geodetic Parameters

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)	KAL-01A	Surveyed Position (S)	
Latitude	18° 51' 26.35560" N	Latitude	18° 51' 24.04553" N
Longitude	155° 41' 20.34240" W	Longitude	155° 41' 17.98895" W
Easting (m)	216661.53	Easting (m)	216729.38 SD 0.28
Northing (m)	2087190.54	Northing (m)	2087118.43 SD 0.40
Water Depth (MSL) (m)	137.0	Water Depth (MSL) (m)	148.6 ± 0.66
		Water Depth (LAT) (m)	148.1 ± 0.66
Difference (From Proposed to Surveyed)		Range (m)	99.01
Easting (m)	67.850	Grid bearing °	136.74
Northing (m)	-72.110		
Water Depth (m)	11.600		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	23:39:13
No of Position Accepted	100	End Logging (Local)	23:40:56
Percentage of Accepted	100%	Logging Duration	0:01:43

Comments

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