

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-03Cb

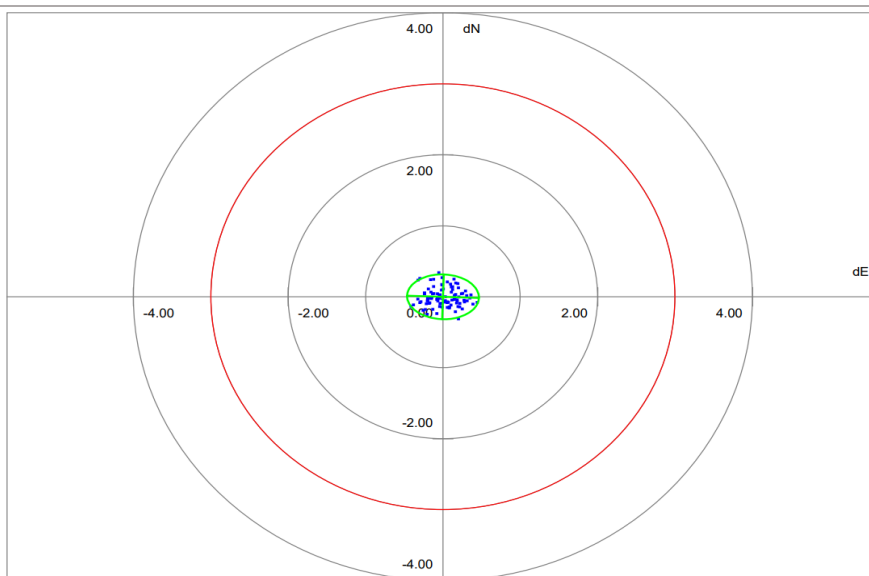
Geodetic Parameters

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-03C-offset 1	Surveyed Position (S)	
Latitude	19° 47' 33.06487" N	Latitude	19° 47' 33.030" N
Longitude	156° 06' 16.92364" W	Longitude	156° 06' 17.121" W
Easting (m)	174685.11	Easting (m)	174679.34 SD 0.19
Northing (m)	2191508.21	Northing (m)	2191507.25 SD 0.13
Water Depth (MSL) (m)	145.0	Water Depth (MSL) (m)	144.8 ± 0.66
		Water Depth (LAT) (m)	144.3 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	-5.770	Range (m)	5.85
Northing (m)	-0.960	Grid bearing °	260.55
Water Depth (m)	-0.200		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	0:18:21
No of Position Accepted	100	End Logging (Local)	0:20:31
Percentage of Accepted	100%	Logging Duration	0:02:10

Comments

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