

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 5/10/2023

Project Details

Position Fix Date	5/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KOH-02Ac

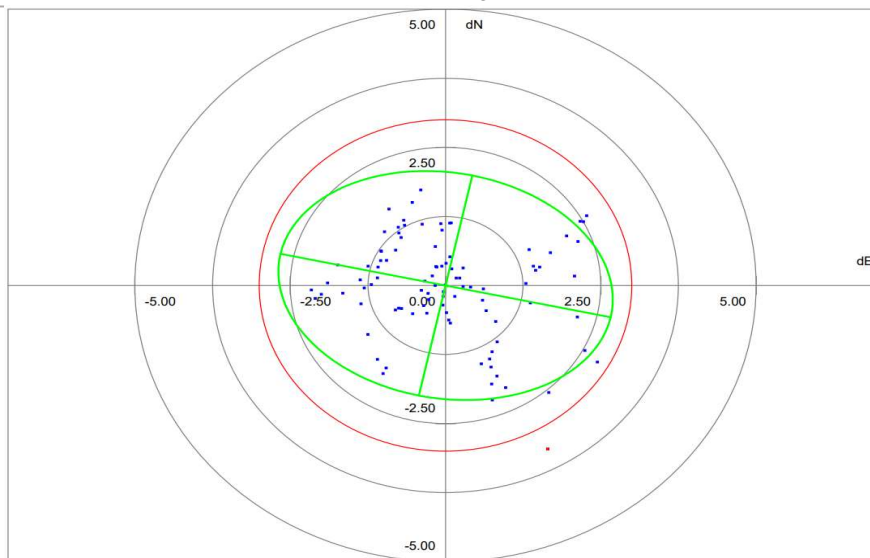
Geodetic Parameters

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	20°16' 25.19013" N	Latitude	20°16' 25.796" N
Longitude	155°29' 23.72633" W	Longitude	155°29' 23.276" W
Easting (m)	239931.380	Easting (m)	239944.720 SD 1.10
Northing (m)	2243724.370	Northing (m)	2243742.820 SD 0.85
Water Depth (MSL) (m)	934.0	Water Depth (MSL) (m)	932.000 ± 0.66
		Water Depth (LAT) (m)	931.600 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	13.340	Range (m)	22.767
Northing (m)	18.450	Grid bearing	317.920
Water Depth (m)	-2.000		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	7:24:52
No of Position Accepted	99	End Logging (Local)	7:26:31
Percentage of Accepted	99%	Logging Duration	0:01:39

Comments

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

MMA Surveyor

W.Smith

Benthic Rep

Barbara Azevedo