

PROD POSITIONING REPORT

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

Project Details

Position Fix Date	18/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAL-01Ac

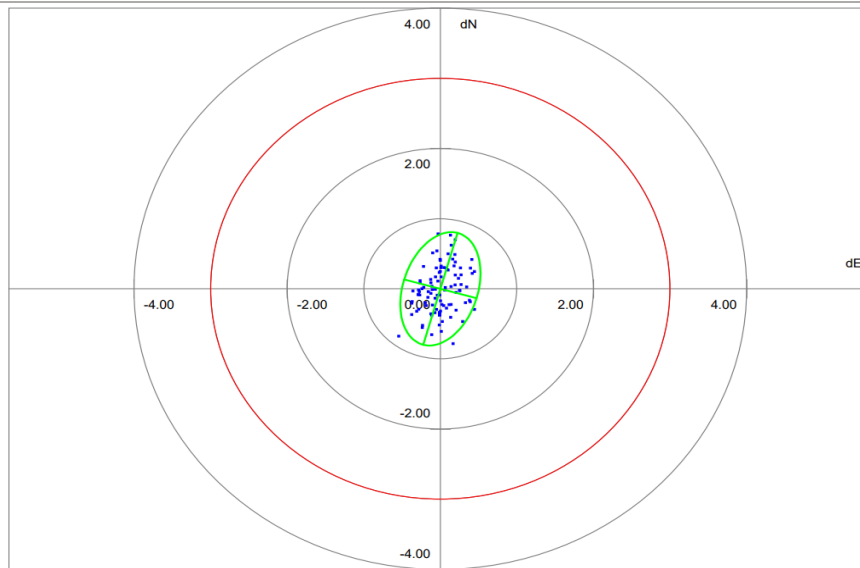
Geodetic Parameters

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-01Ac	Surveyed Position (S)	
Latitude	18° 51' 24.25828" N	Latitude	18° 51' 24.37855" N
Longitude	155° 41' 17.73079" W	Longitude	155° 41' 17.75388" W
Easting (m)	216737.04	Easting (m)	216736.42 SD 0.21
Northing (m)	2087124.86	Northing (m)	2087128.57 SD 0.33
Water Depth (MSL) (m)	149.0	Water Depth (MSL) (m)	147.9 ± 0.66
		Water Depth (LAT) (m)	147.4 ± 0.66
Difference (From Proposed to Surveyed)		Range (m)	3.76
Easting (m)	-0.620	Grid bearing °	350.51
Northing (m)	3.710		
Water Depth (m)	-1.100		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	10:05:51
No of Position Accepted	100	End Logging (Local)	10:07:32
Percentage of Accepted	100%	Logging Duration	0:01:41

Comments

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

MMA Surveyor

W.Smith

Benthic Rep

Barbara Azevedo