

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 28/10/2023

Project Details

Position Fix Date	28/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-03Ca

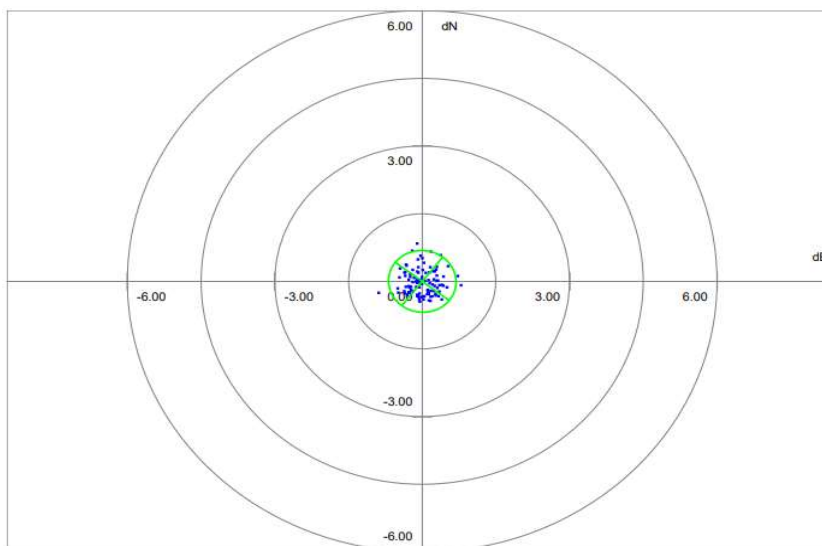
Geodetic Parameters

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	Surveyed Position (S)	
Latitude	19° 47' 35.56316" N	Latitude	19° 47' 35.633" N
Longitude	156° 06' 20.75033" W	Longitude	156° 06' 20.824" W
Easting (m)	174575.06	Easting (m)	174572.96 SD 0.28
Northing (m)	2191587.14	Northing (m)	2191589.32 SD 0.28
Water Depth (MSL) (m)	155.0	Water Depth (MSL) (m)	156.9 ± 0.66
		Water Depth (LAT) (m)	156.3 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	-2.100	Range (m)	3.03
Northing (m)	2.180	Grid bearing °	316.07
Water Depth (m)	1.900		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	17:28:22
No of Position Accepted	100	End Logging (Local)	17:30:01
Percentage of Accepted	100%	Logging Duration	0:01:39

Comments

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