

# PROD POSITIONING REPORT

Revision draft Approved by Sahril Hasin  
 Date 7/09/2023

## Project Details

Position Fix Date	5/09/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-06Aa

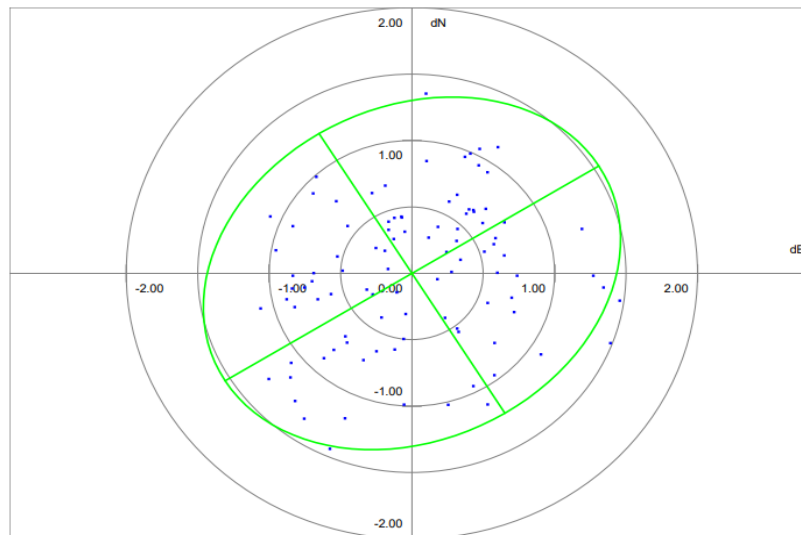
## Geodetic Parameters

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;02;11.101N	Latitude	20;02;11.192N
Longitude	156;03;56.506W	Longitude	156;03;56.742W
Easting (m)	179268.070	Easting (m)	179261.260 SD 0.60
Northing (m)	2218453.058	Northing (m)	2218455.990 SD 0.54
Water Depth (MSL) (m)	737.0	Water Depth (MSL) (m)	740.3 SD 0.66
		Depth Water (LAT) (m)	739.8 SD 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	6.810	Range (m)	7.414
Northing (m)	-2.932	Grid bearing	293°
Water Depth (m)	3.300		

Scatter Plot of PROD Fixes



## Observational Summary

No of Position Processed	100	Start Logging (Local)	7:15:50
No of Position Accepted	100	End Logging (Local)	7:17:29
Percentage of Accepted	100%	Logging Duration	0:01:39

## Comments

Position acquired at 1 sec interval.

MMA Surveyor

Virginie Ugo

Benthic Rep

Dylan Kuipersmith