

# PROD POSITIONING REPORT

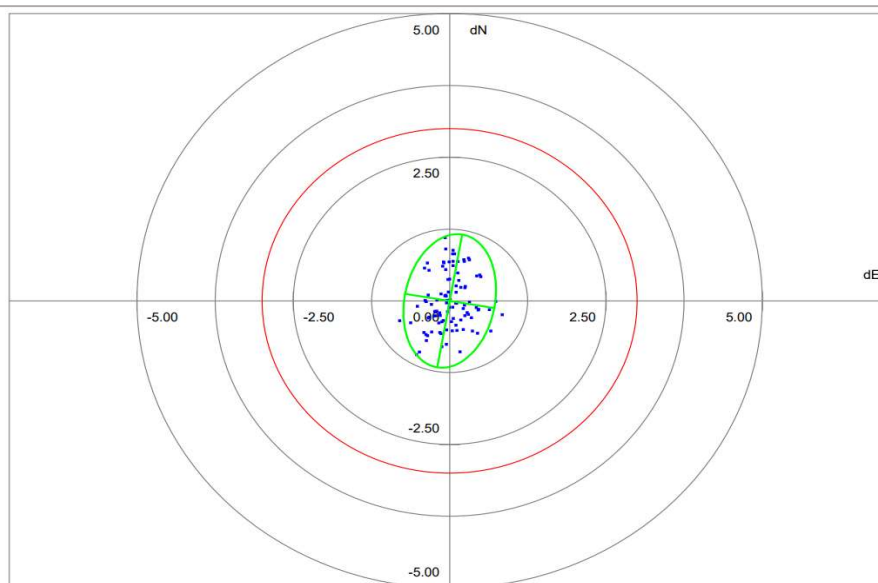
Revision 0 Approved by Sahril Husin  
Date 8/10/2023

Project Details			
Position Fix Date	8/10/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KOH-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)		Surveyed Position (S)	
Latitude	20° 17' 23.83696" N	Latitude	20° 17' 23.536" N
Longitude	155° 39' 03.13645" W	Longitude	155° 39' 03.631" W
Easting (m)	223140.75	Easting (m)	223126.25 SD 0.30
Northing (m)	2245790.28	Northing (m)	2245781.26 SD 0.48
Water Depth (MSL) (m)	415.0	Water Depth (MSL) (m)	415.90 ± 0.66
		Water Depth (LAT) (m)	415.50 ± 0.66
Difference (From Proposed to Surveyed)		Range (m)	17.077
Easting (m)	-14.500	Grid bearing	317.920
Northing (m)	-9.020		
Water Depth (m)	0.900		

Scatter Plot of PROD Fixes



Observational Summary			
No of Position Processed	100	Start Logging (Local)	8:35:53
No of Position Accepted	100	End Logging (Local)	8:37:35
Percentage of Accepted	100%	Logging Duration	0:01:42

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