

PROD POSITIONING REPORT

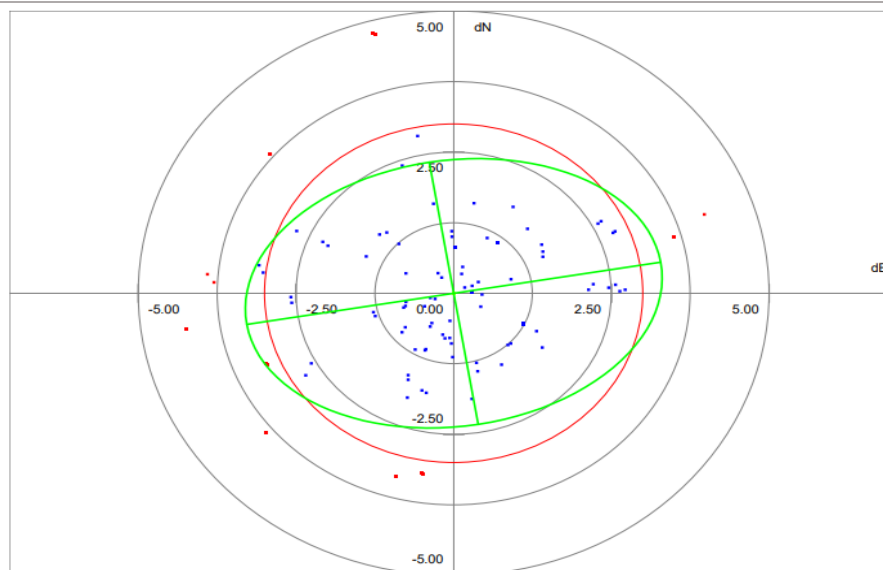
Revision 1 Approved by Sahril Hasin
Date 20/9/2023

Project Details			
Position Fix Date	20/9/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-06Ag

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;13.055N
Longitude	156;03;56.506W	Longitude	156;03;56.145W
Easting (m)	179268.070	Easting (m)	179279.670 SD 1.35
Northing (m)	2218453.058	Northing (m)	2218512.990 SD 0.97
Water Depth (MSL) (m)	737.0	Water Depth (MSL) (m)	738.2 ± 0.66
		Water Depth (LAT) (m)	737.6 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	11.600	Range (m)	61.044
Northing (m)	59.932	Grid bearing	011°
Water Depth (m)	1.200		

Scatter Plot of PROD Fixes



Observational Summary			
No of Position Processed	100	Start Logging (Local)	6:04:59
No of Position Accepted	85	End Logging (Local)	6:06:38
Percentage of Accepted	85%	Logging Duration	0:01:39

Comments

Position acquired at 1 sec interval.