

0m

0.9996

PROD POSITIONING REPORT

Revision Date	0 30/9/2023	Approved by	Sahril Hasin
Project Details			
Position Fix Date	30/9/2023	Project	IODP Exp. 389: Hawaiian Drowned Reefs
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-07Aa
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

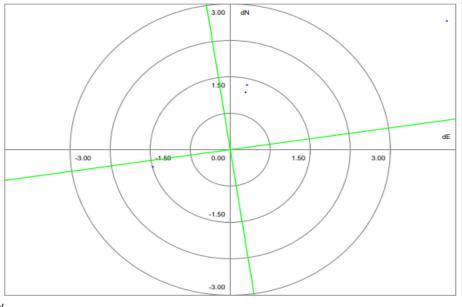
Meter

False Northing

Scale Factor

Position Summary					
Proposed Position (P)		Surveyed Position (S)			
Latitude	20;08;14.15762 N	Latitude		20;08;14	4.708 N
Longitude	156;04;45.62776 W	Longitude	1:	6;04;45	.351 W
Easting (m)	178045.900	Easting (m)	178054.26	SD	5.80
Northing (m)	2229651.800	Northing (m)	2229668.59	SD	4.60
Water Depth (MSL) (m)	988.0	Water Depth (MSL) (m)	983.40	±	5.12
		Water Depth (LAT) (m)	982.90	±	5.12
Difference (From Proposed to Surveyed)					
Easting (m)	8.360	Range (m)			18.756
Northing (m)	16.790	Grid bearing		3	317.920
Water Depth (m)	-4.600				

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	8:34:31
No of Position Accepted	39	End Logging (Local)	8:36:10
Percentage of Accepted	39%	Logging Duration	0:01:39

Comments

Units

Position acquired at 1 sec interval. Vessel was moved 15m at 020° from original location. PROD off seabed during fix and not stable. Water depth from USBL observations.

MMA Surveyor William Smith Benthic Rep Barbara Azevedo