

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 24/10/2023

Project Details

Position Fix Date	23/10/2023	Project	IODP Exp. 389: Hawaiian
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAW-04Cb

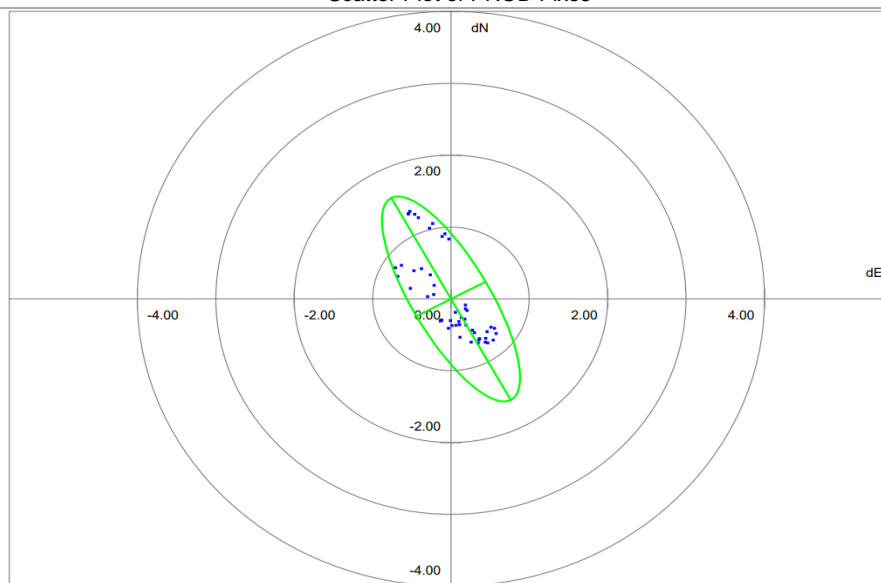
Geodetic Parameters

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-04C	Surveyed Position (S)	
Latitude	19° 56' 24.6046" N	Latitude	19° 56' 24.640" N
Longitude	156° 03' 30.2112" W	Longitude	156° 03' 29.446" W
Easting (m)	179838.03	Easting (m)	179860.31 SD 0.36
Northing (m)	2207776.42	Northing (m)	2207777.09 SD 0.58
Water Depth (MSL) (m)	405.0	*PROD Base Plate Depth (MSL) (m)	398.7 ± 0.79
		*PROD Base Plate Depth (LAT) (m)	398.1 ± 0.66
Difference (From Proposed to Surveyed)			
Easting (m)	22.280	Range (m)	22.29
Northing (m)	0.670	Grid bearing °	88.28
Water Depth (m)	-6.300		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	50	Start Logging (Local)	22:46:35
No of Position Accepted	50	End Logging (Local)	22:47:24
Percentage of Accepted	100%	Logging Duration	0:00:49

Comments

Position acquired at 1 USBL update intervals. Depth from SVX2 pressure sensor. *PROD approximately 5 m above seabed during fix and not stable.