

PROD POSITIONING REPORT

Revision 0 Approved by Sahril Husin
Date 18/10/2023

Project Details

Position Fix Date	17/10/2023	Project	IODP Exp. 389: Hawaiian Drowned
Vessel	MMA Valour	MMA Project ID	13415
Client	Benthic USA LLC	Location ID	KAL-01Aa

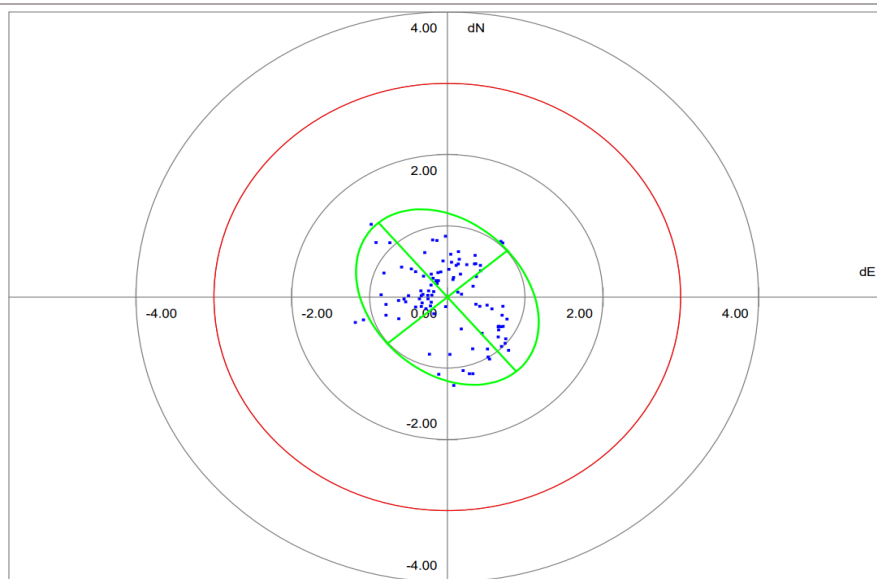
Geodetic Parameters

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)	KAL-01A	Surveyed Position (S)	
Latitude	18° 51' 26.35560" N	Latitude	18° 51' 26.371" N
Longitude	155° 41' 20.34240" W	Longitude	155° 41' 20.262" W
Easting (m)	216661.53	Easting (m)	216663.89 SD 0.48
Northing (m)	2087190.54	Northing (m)	2087190.97 SD 0.50
Water Depth (MSL) (m)	137.0	*PROD Base Plate Depth (MSL) (m)	129.0 ± 0.96
		*PROD Base Plate Depth (LAT) (m)	128.6 ± 0.96
Difference (From Proposed to Surveyed)		Range (m)	2.40
Easting (m)	2.360	Grid bearing °	79.67
Northing (m)	0.430		
Water Depth (m)	-8.000		

Scatter Plot of PROD Fixes



Observational Summary

No of Position Processed	100	Start Logging (Local)	23:05:36
No of Position Accepted	100	End Logging (Local)	23:07:16
Percentage of Accepted	100%	Logging Duration	0:01:40

Comments

Position acquired at 1 USBL update intervals. Depth from SVX2 pressure sensor. *PROD approximately 10m off seabed during fix and not stable.