

Project Report Appendices

**The following section contains the appendices as listed in
the Hurricane Joaquin - Maryland Islands 2015 QL2
Project Report.**

Appendix A

GPS/IMU Processing Statistics

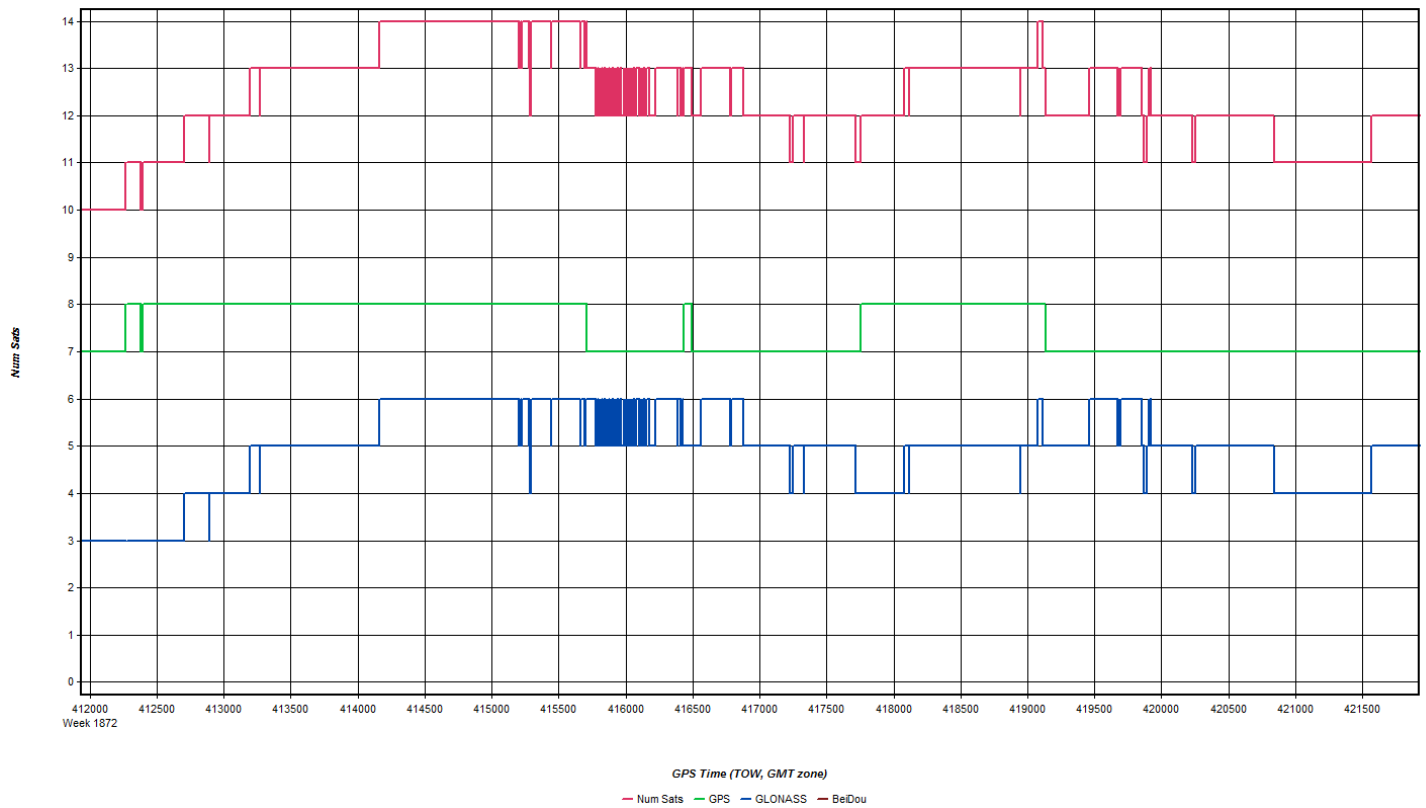
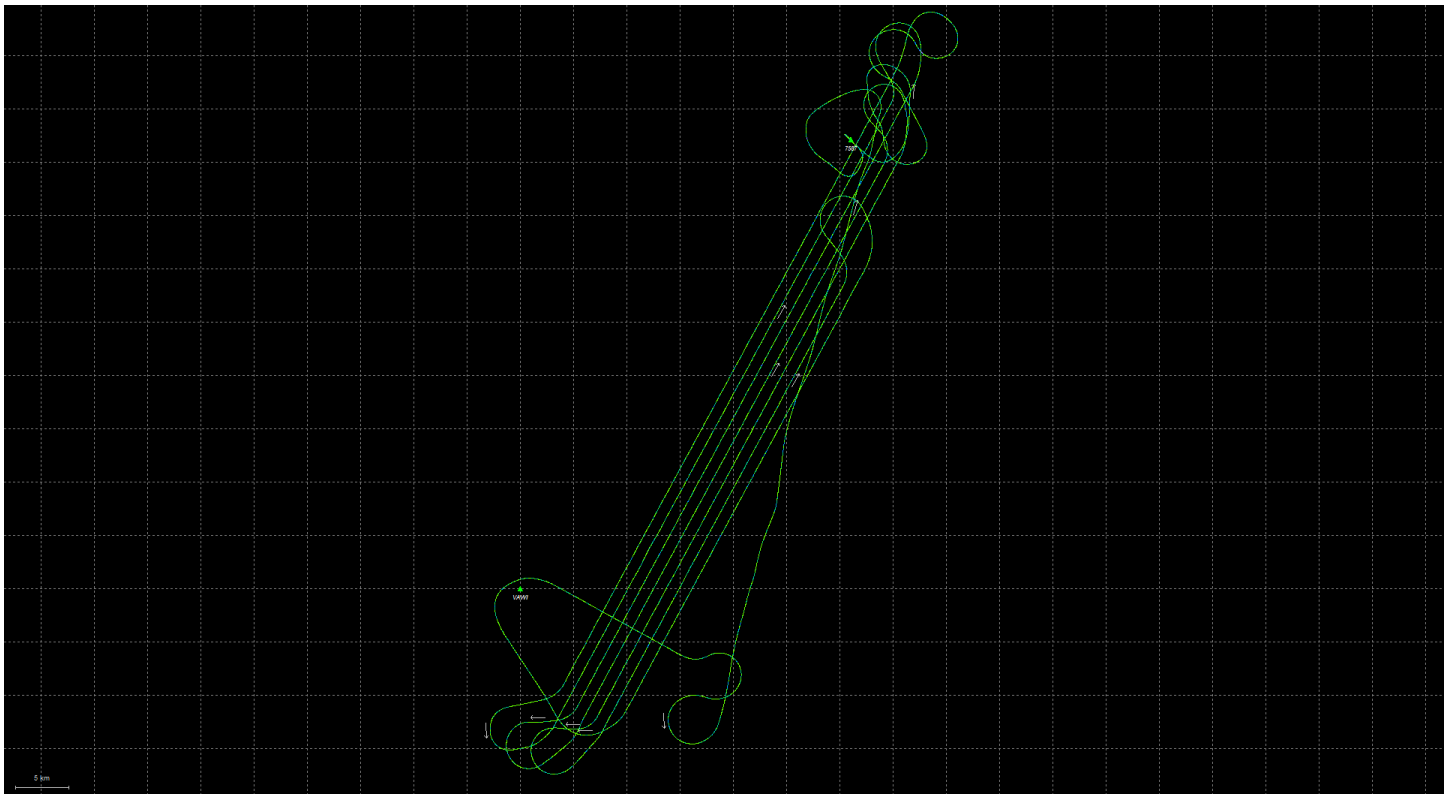
Flight Logs

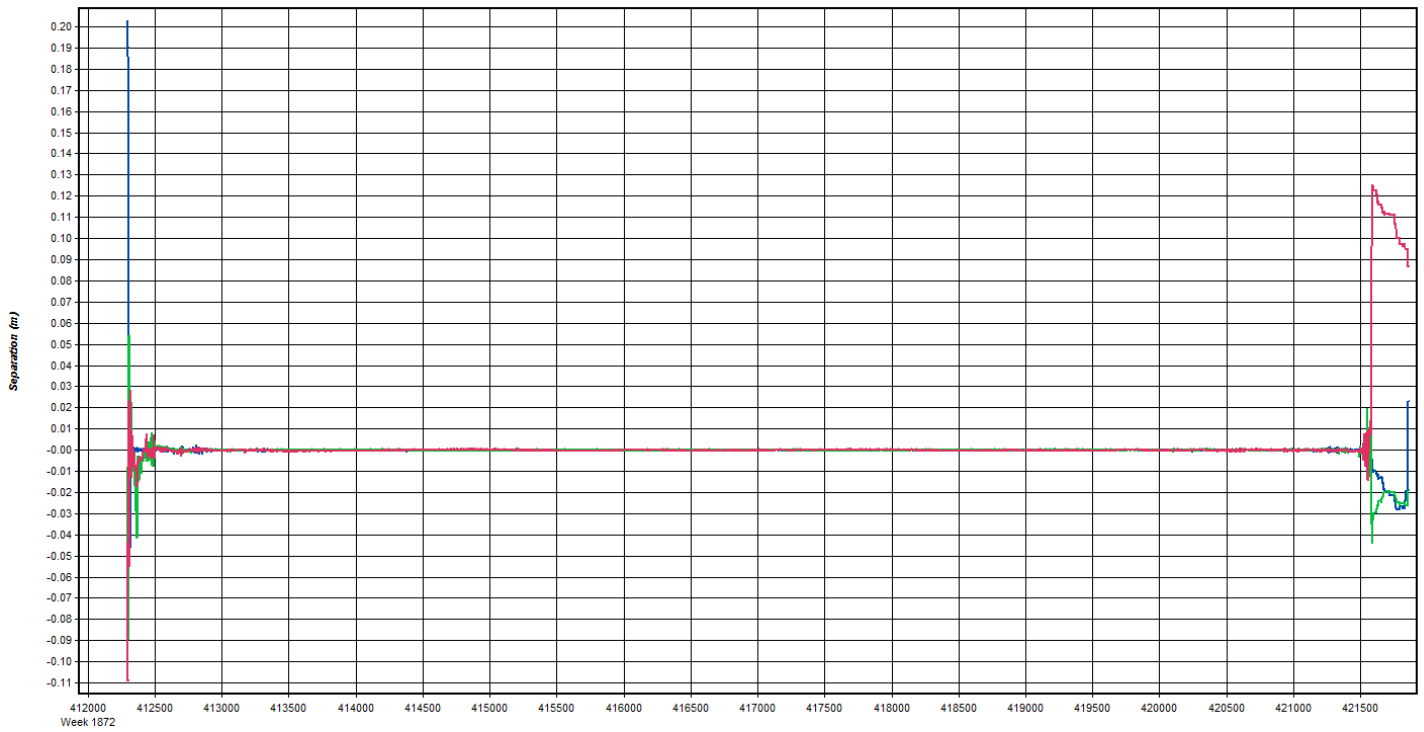
Base Station Logs

There was one lift. Graph reports generated from processing software are found on the following pages.

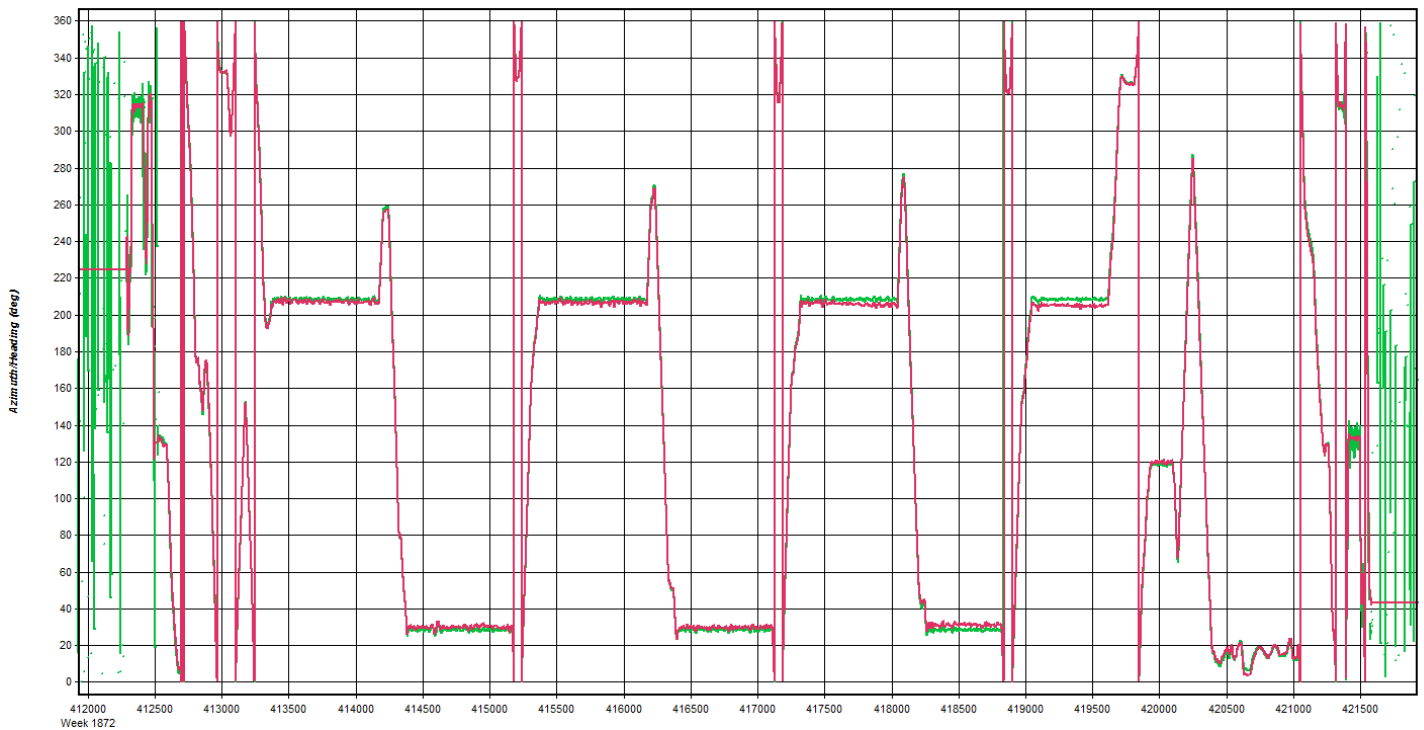
Nov 26, 2015-A (N6GR_7161).....	2
Flight Log.....	8
Base Station Log.....	9

Nov 26, 2015-A (N6GR_7161)

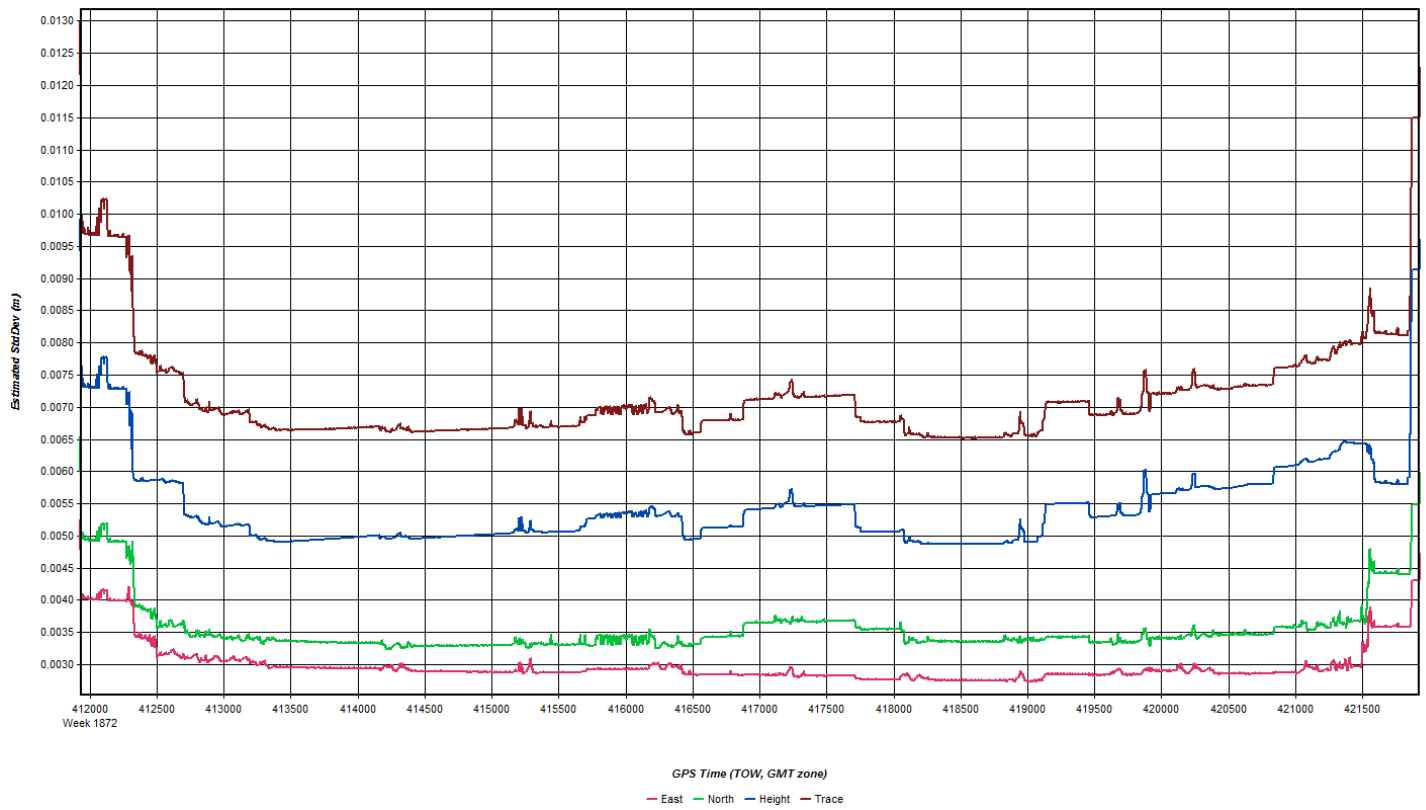
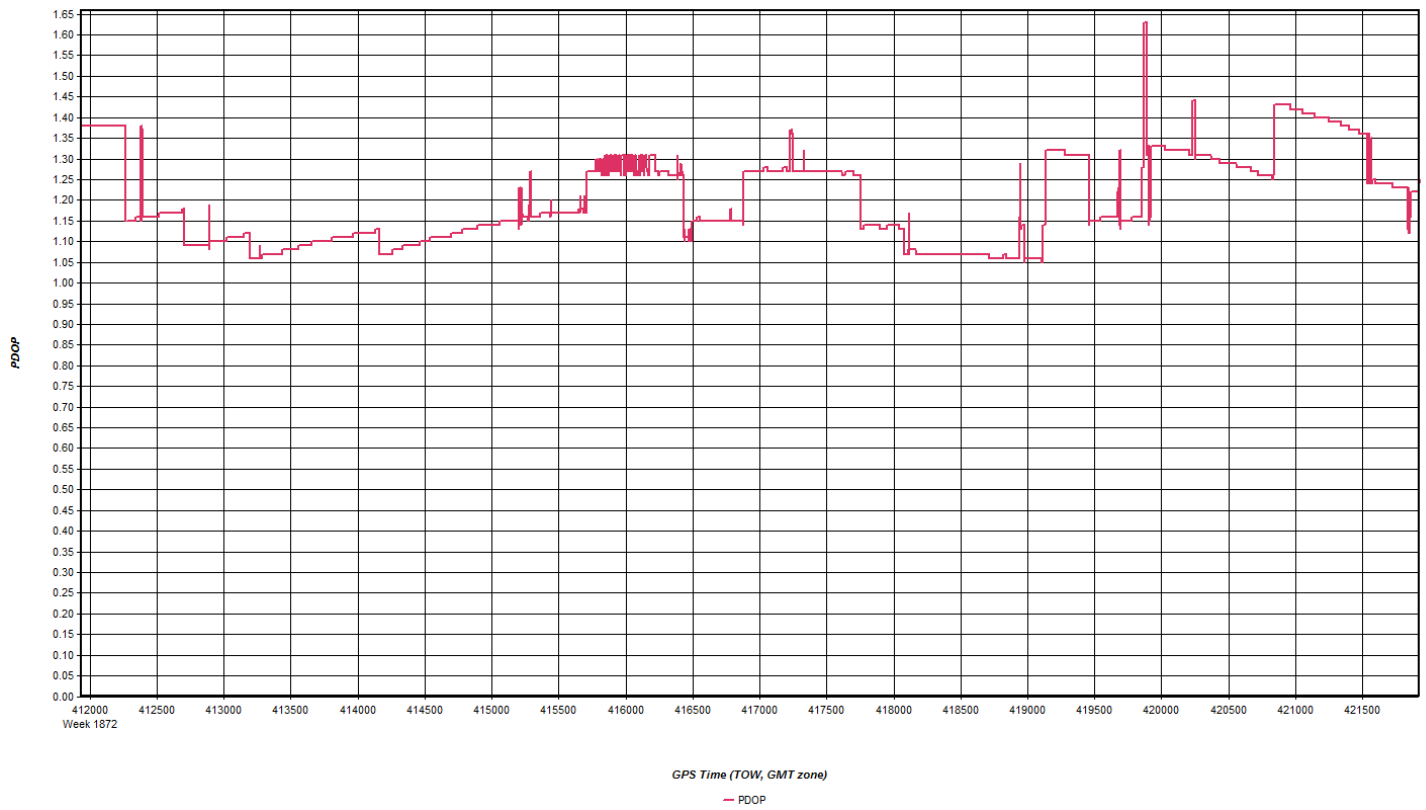


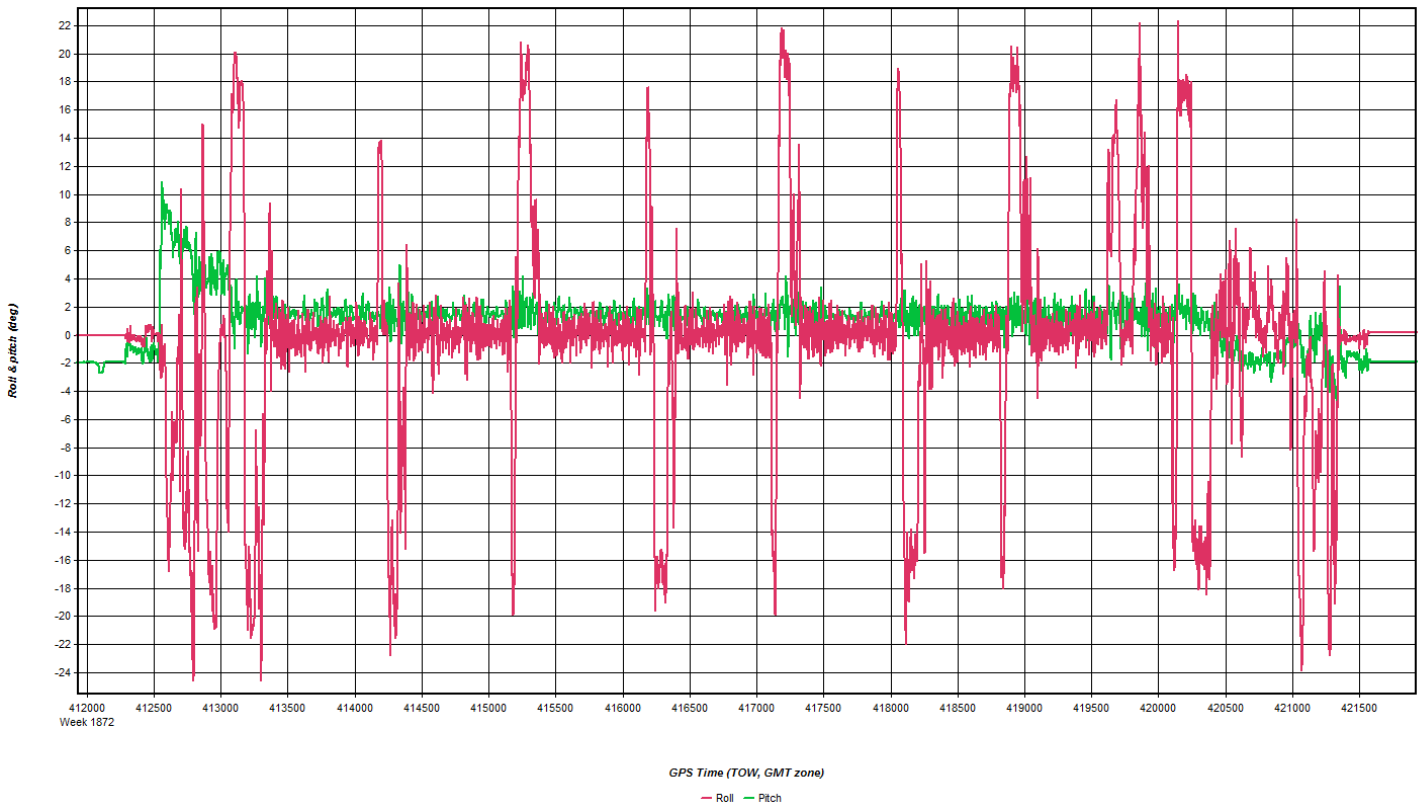


GPS Time (TOW, GMT zone)
— East — North — Up



GPS Time (TOW, GMT zone)
— Heading/Azimuth — GPS-COG





Coordinate/Antenna Settings

Master Remote

Base Station
 2: 7587 Name: 7587 Disabled
 File: S:\LIDAR\26996_Hurricane_Joaquin\26996_Hurricane_Joaquin_...

Coordinates
 Latitude: North 38 18 33.16170
 Longitude: West 75 07 08.73333
 Ellipsoidal height: -33.967 m
 Datum: NAD83(2011)

Antenna Height
 From station file: TRM55971.00
 Antenna profile: TRM55971.00
 Measured height: 1.213 m
 ARP to L1 offset: 0.067 m
 Applied height: 1.280 m
 Measured to:
 ARP
 L1 Phase Centre

Coordinate/Antenna Settings

Master Remote

Base Station
1: VAWI Name: VAWI Disabled
File: S:\LIDAR\26996_Hurricane_Joaquin\26996_Hurricane_Joaquin_;

Coordinates
Latitude: North 37 56 03.49970 Compute from PPP
Longitude: West 75 28 15.94918 Enter Grid Values
Ellipsoidal height: -22.324 m Enter MSL Height
Datum: NAD83(2011) Datum Options
Select From Favorites Add To Favorites Use Average Position

Antenna Height
From station file: TRM41249.00, NONE View STA File
Antenna profile: TRM41249.00 Info
Measured height: 0.000 m
ARP to L1 offset: 0.056 m
Applied height: 0.056 m
Measured to
 ARP
 L1 Phase Centre
Compute From Slant

OK Cancel

Base Station Log

GPS OBSERVATION LOG

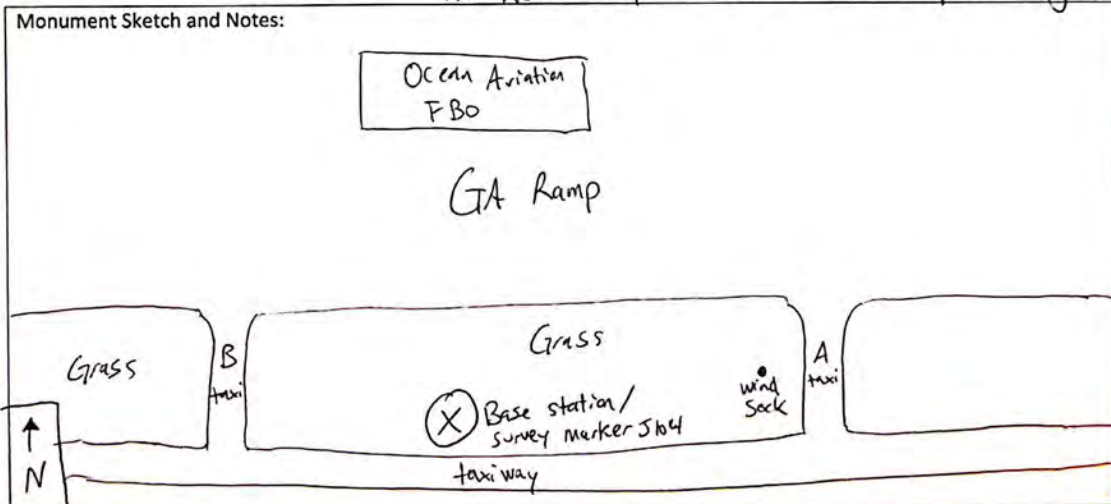
Station ID	<u>J104 / HU0273</u>	Date	<u>11, 26, 15</u>
Project Number	<u>26996</u>	Julian Date	_____
Project Name	<u>Hurricane Joaquin</u>	Start Time	<u>:15:45: UTC</u>
Rcvr. Type	<u>Novatel Trimble R7</u>	Stop Time	<u>:21:25: UTC</u>
Rcvr. S/N	<u>5033K17587</u>	Rcvr. File Name	<u>75873300.T01</u>
Antenna Type	<u>Novatel Trimble Zephyr Geodetic Model 2</u>	Observer	<u>E. Dyreson</u>
Antenna S/N	<u>1441101329</u>		

New or Existing Mon. New Existing
 Photo Taken: Yes No
 Monument Type: NGS Survey marker
 Spike PK Nail AM Washer
 Other _____

Mission: 20151126-182146

Height Readings:
 (Top of Monument to Bottom of Ground Plane)
 Start _____ M. 3.98 Ft.
 Stop _____ M. 3.98 Ft.
 Mean _____ M. 3.98 Ft.

At KOXB airport - marked with a post in grass



Generated by CamScanner