

NAAMES Mission C-130 Flight Report

From: CYYT

To: CYYT

Start: 05/28/16 10:30Z

Finish: 05/28/16 19:35Z

Flight Time: 9.1 hours

Log Number: 161008

PI: Mike Behrenfeld

Funding Source: Paula Bontempi - NASA - SMD - ESD Ocean Biology and Biogeochemistry

Official Flight Report Logged At:

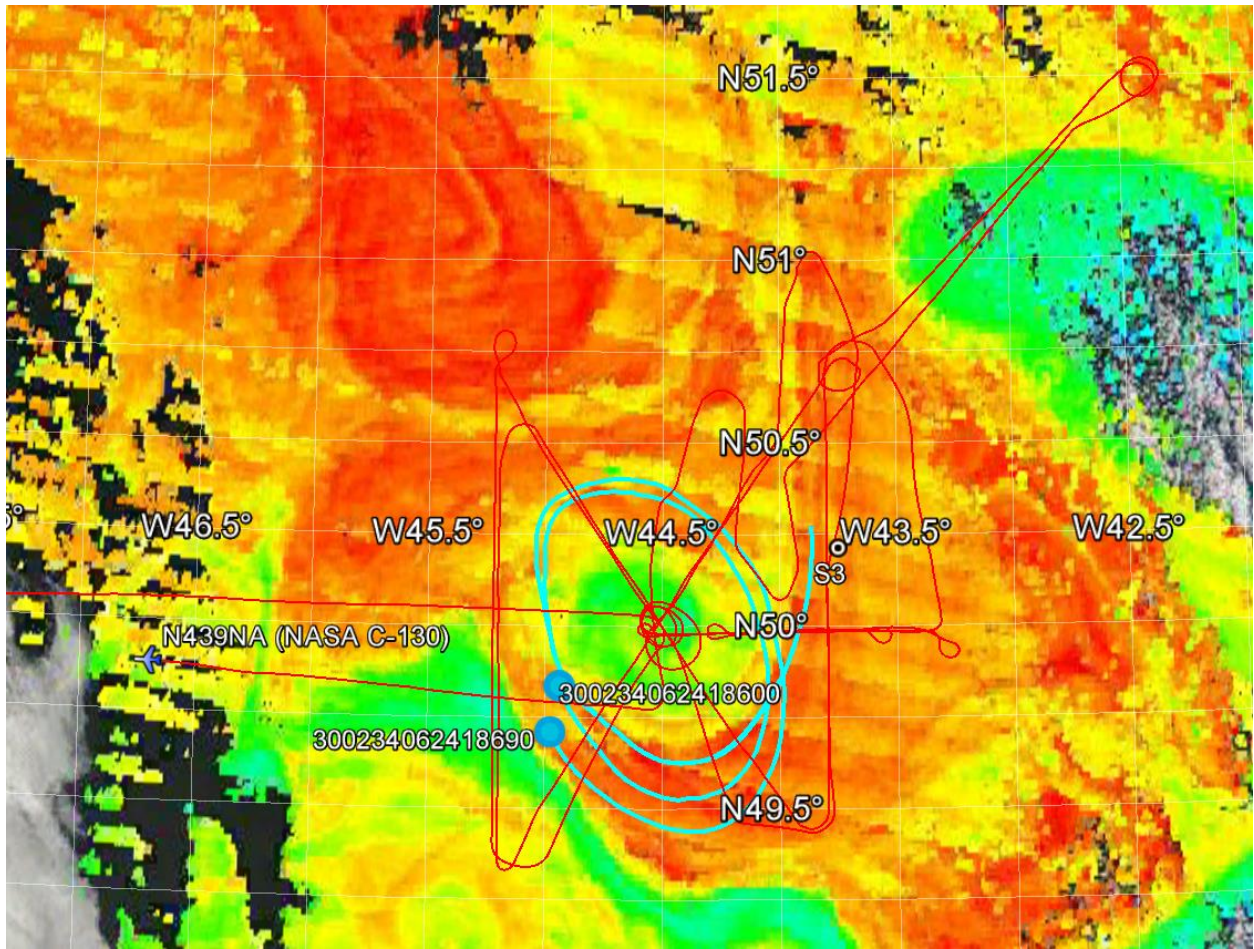
https://airbornescience.nasa.gov/flight_reports/C-130H_Hercules_439_05_28_16

Flight Hour Summary:

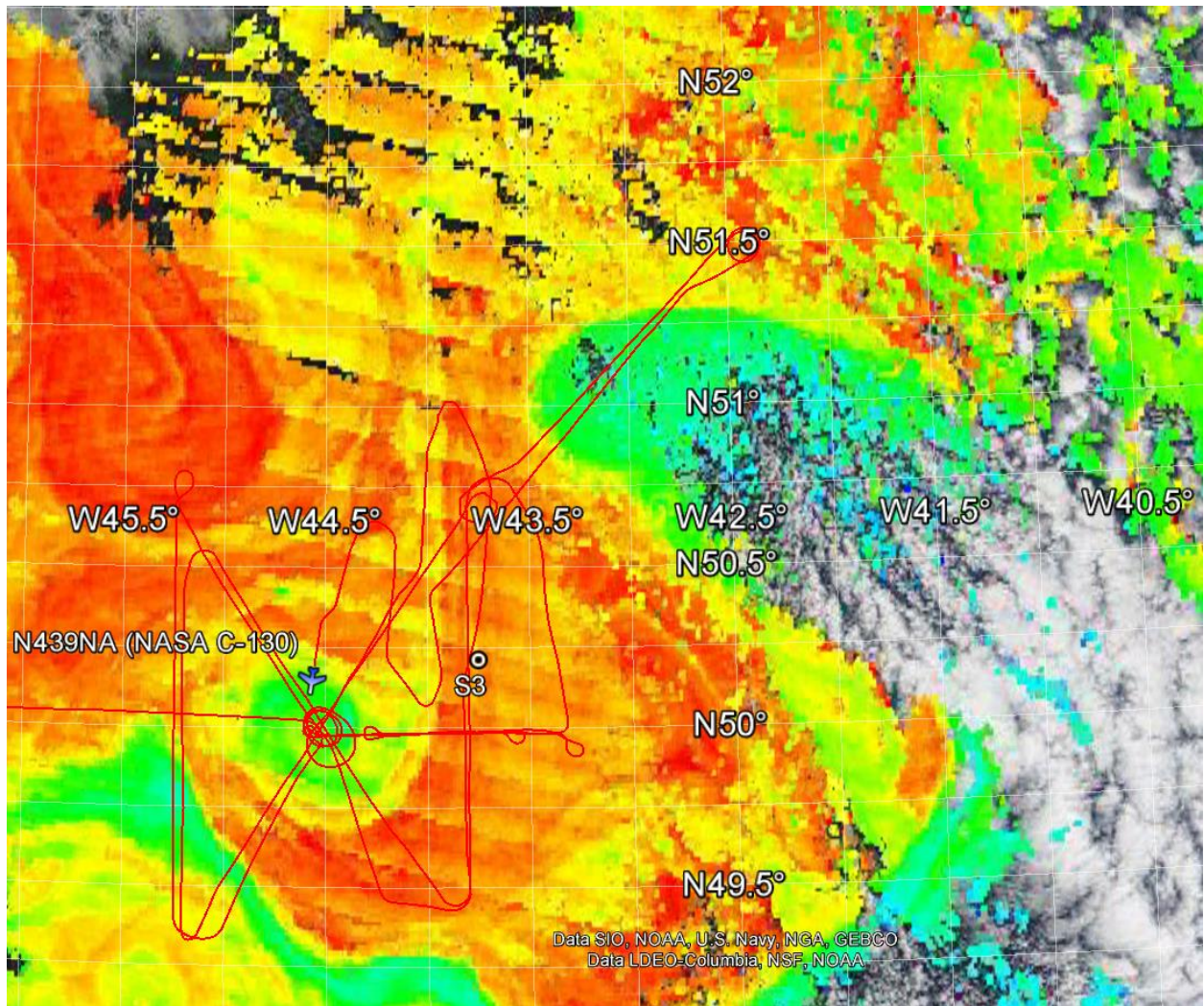
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
04/08/16	NAAMES Langley Transit	Ferry	1	1	69
05/12/16	NAAMES Airworthiness Test Flight	Check	0.9	1.9	68.1
05/13/16	NAAMES Project Test Flight/Transit	Transit	8.4	10.3	59.7
05/18/16	NAAMES Science Flight #1	Science	10.7	21	49
05/19/16	NAAMES Science Flight #2	Science	9.1	30.1	39.9
05/20/16	NAAMES Science Flight #3	Science	8.7	38.8	31.2
05/26/16	NAAMES Science Flight #4	Science	9.8	48.6	21.4
05/27/16	NAAMES Science Flight #5	Science	10.3	58.9	11.1
05/28/16	NAAMES Science Flight #6	Science	9.1	68	2

Comments:

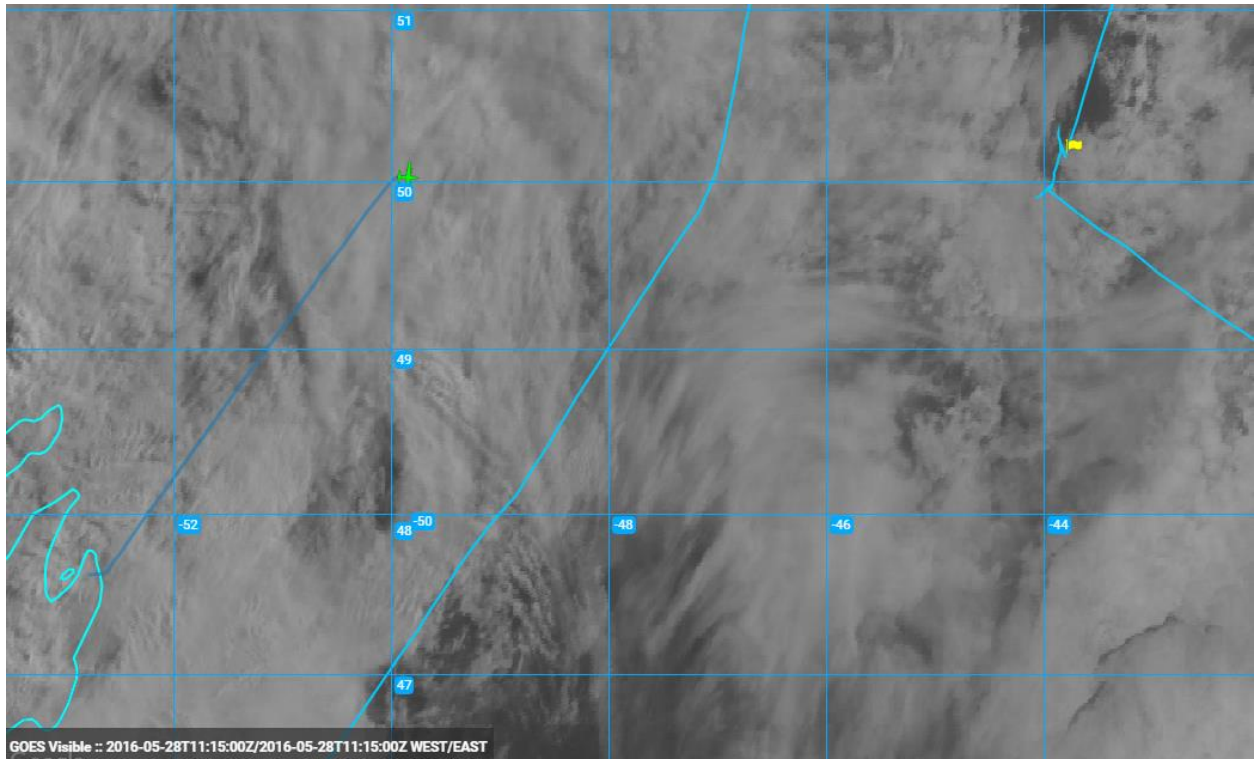
Real-time GOES imagery with overlaid ship, aircraft, and CALIPSO trajectories.



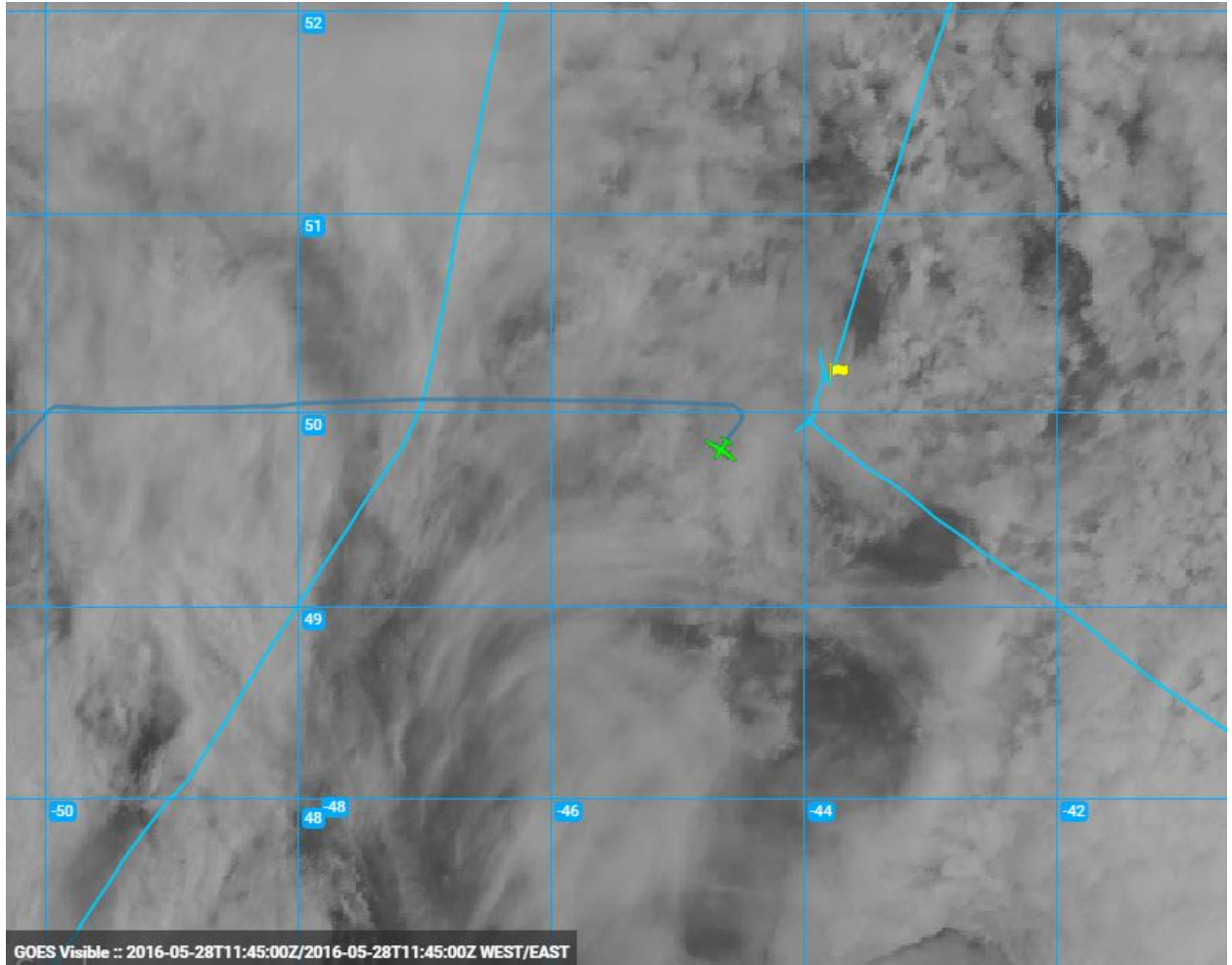
CompleteFlightTrackOverlaidOnTheMay23rdMODISchlMap



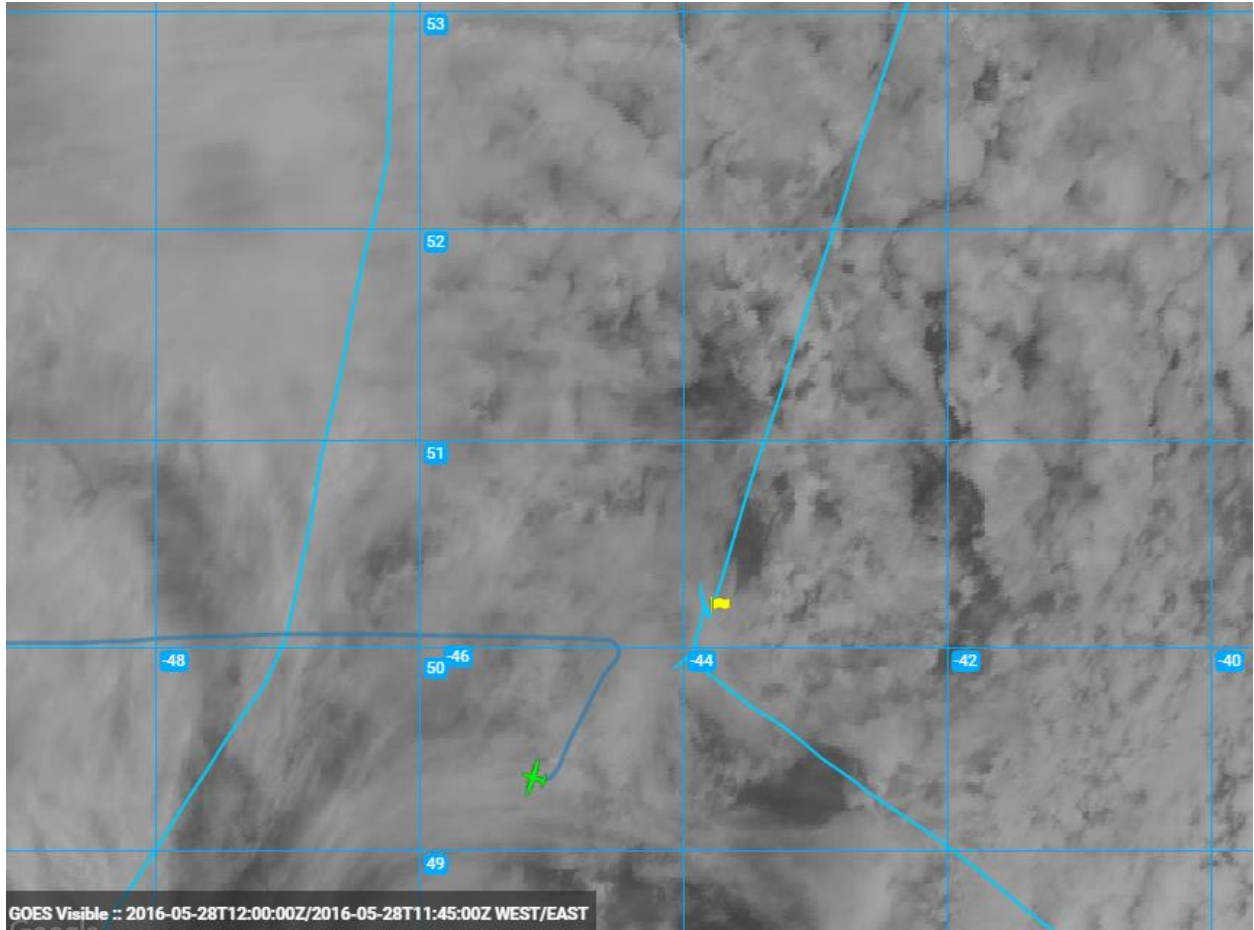
FlightTrackOverlaidOnTheMODISchIMap



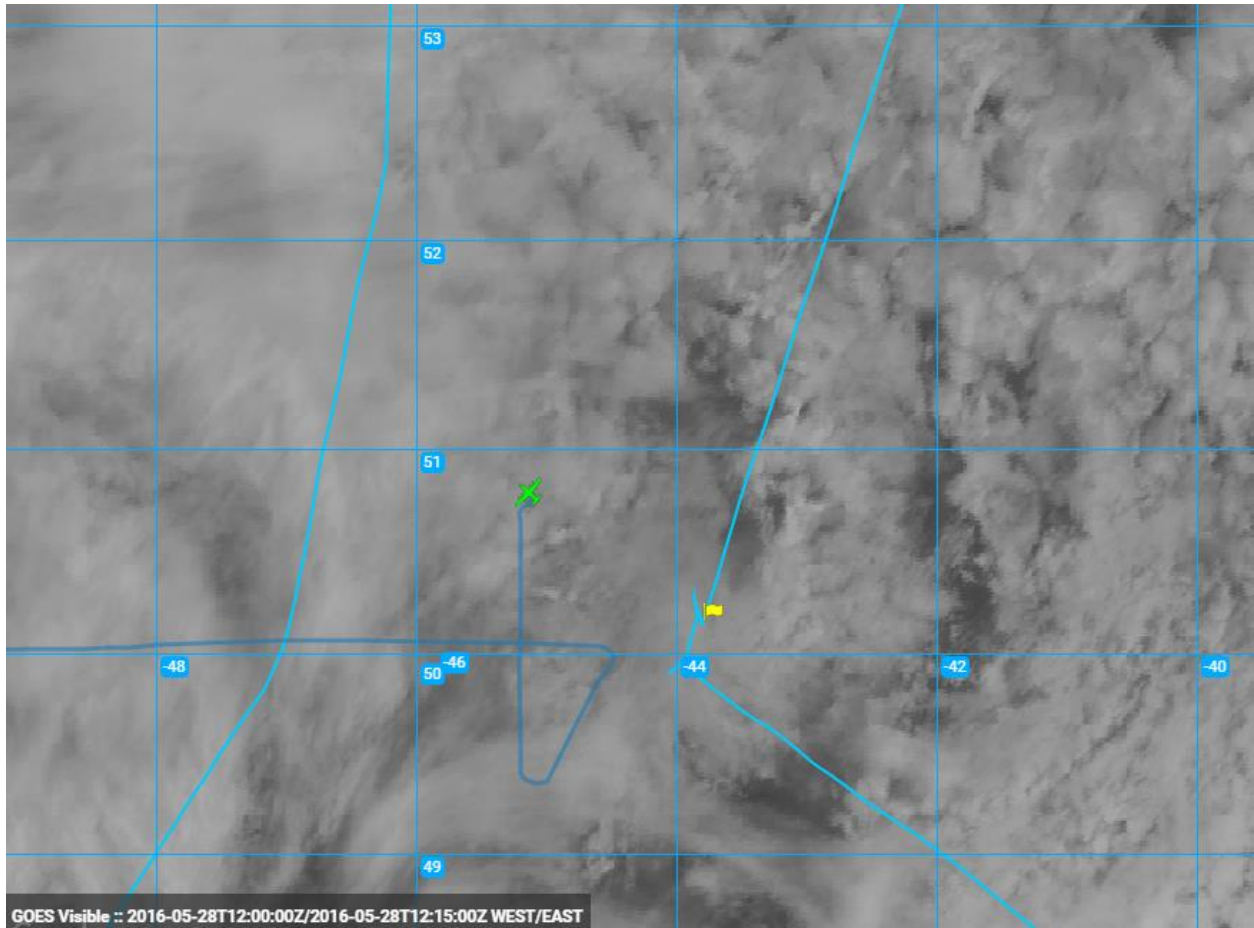
1130Z_EnterTheBox



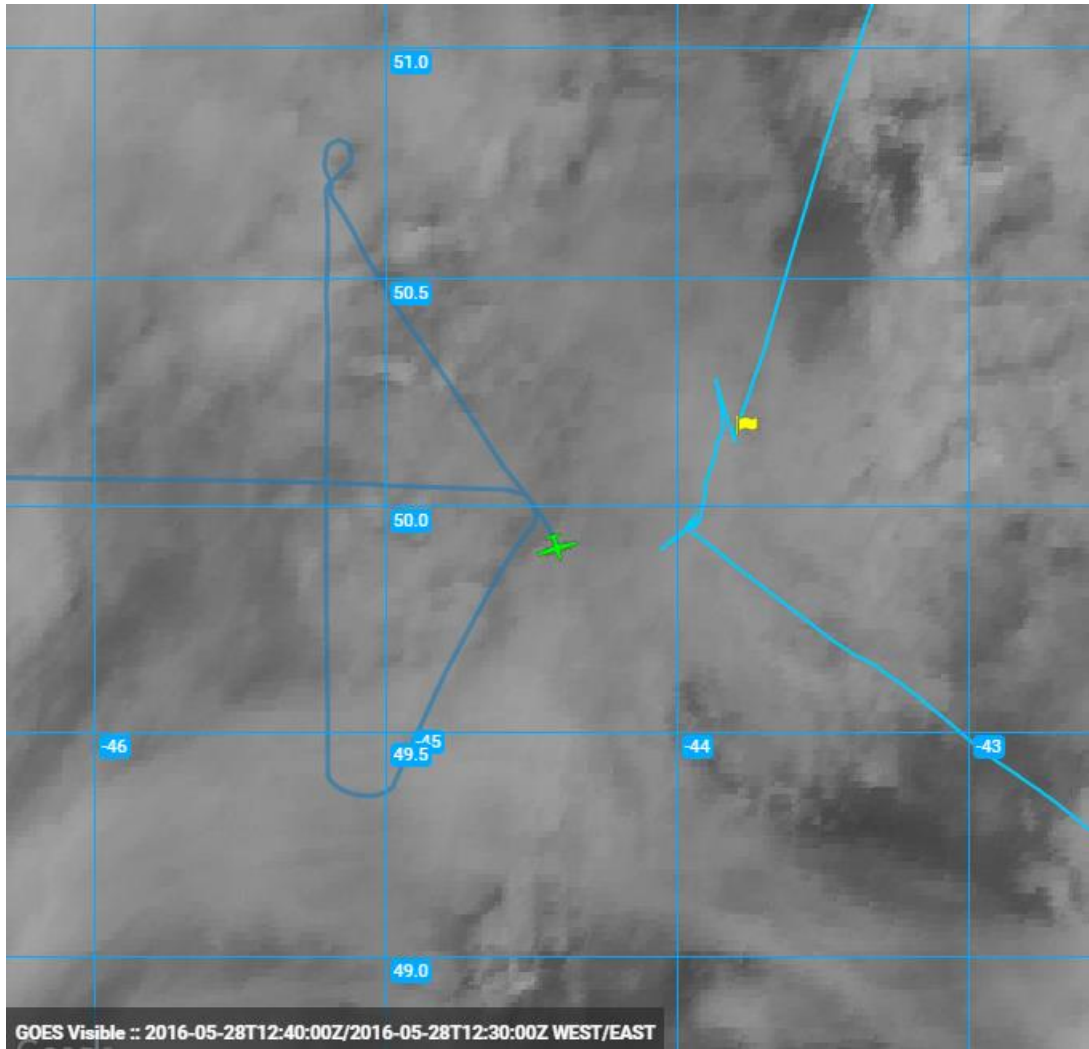
1215Z_HighAltSurveyAroundS3



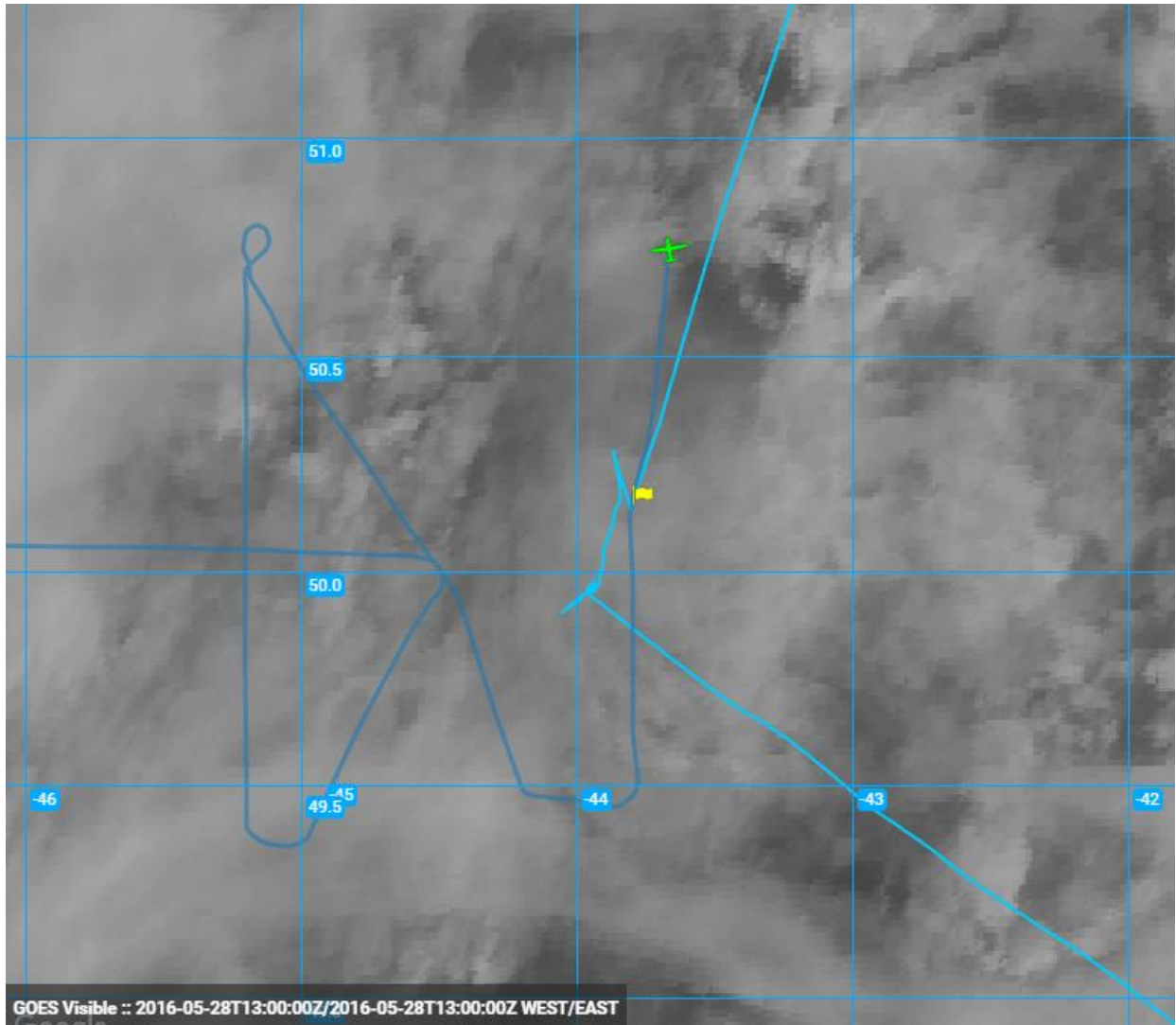
1220Z_HighAltSurveyAroundS3



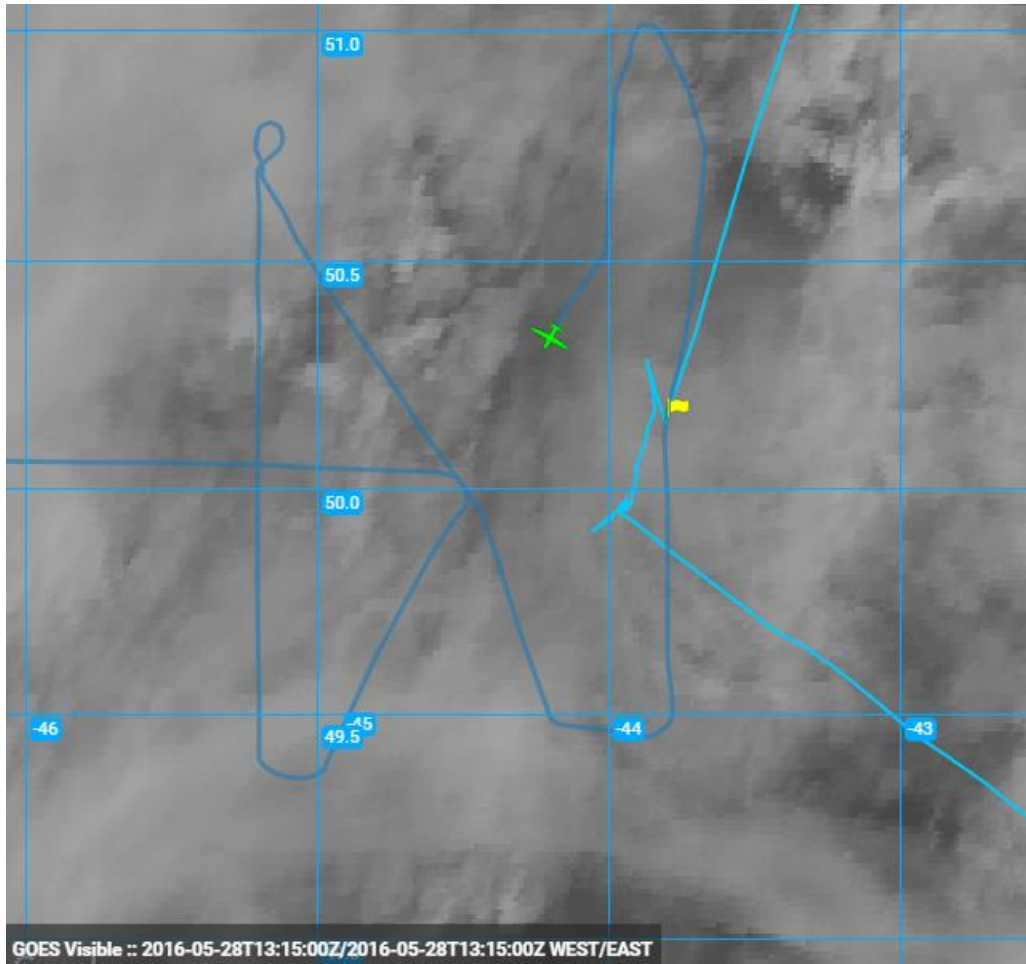
1240Z_HighAltSurveyAroundS3



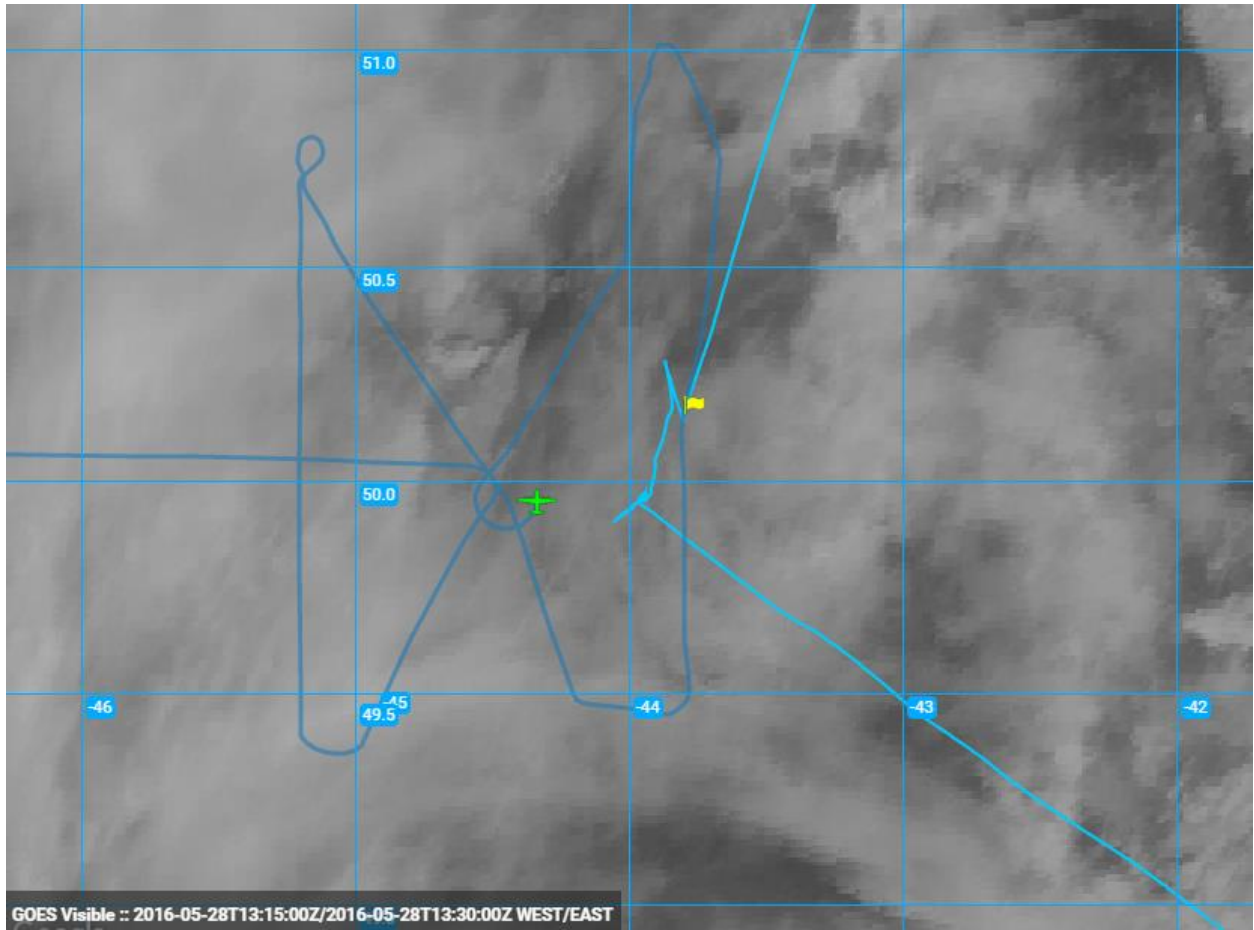
1255Z_HighAltSurveyAroundS3



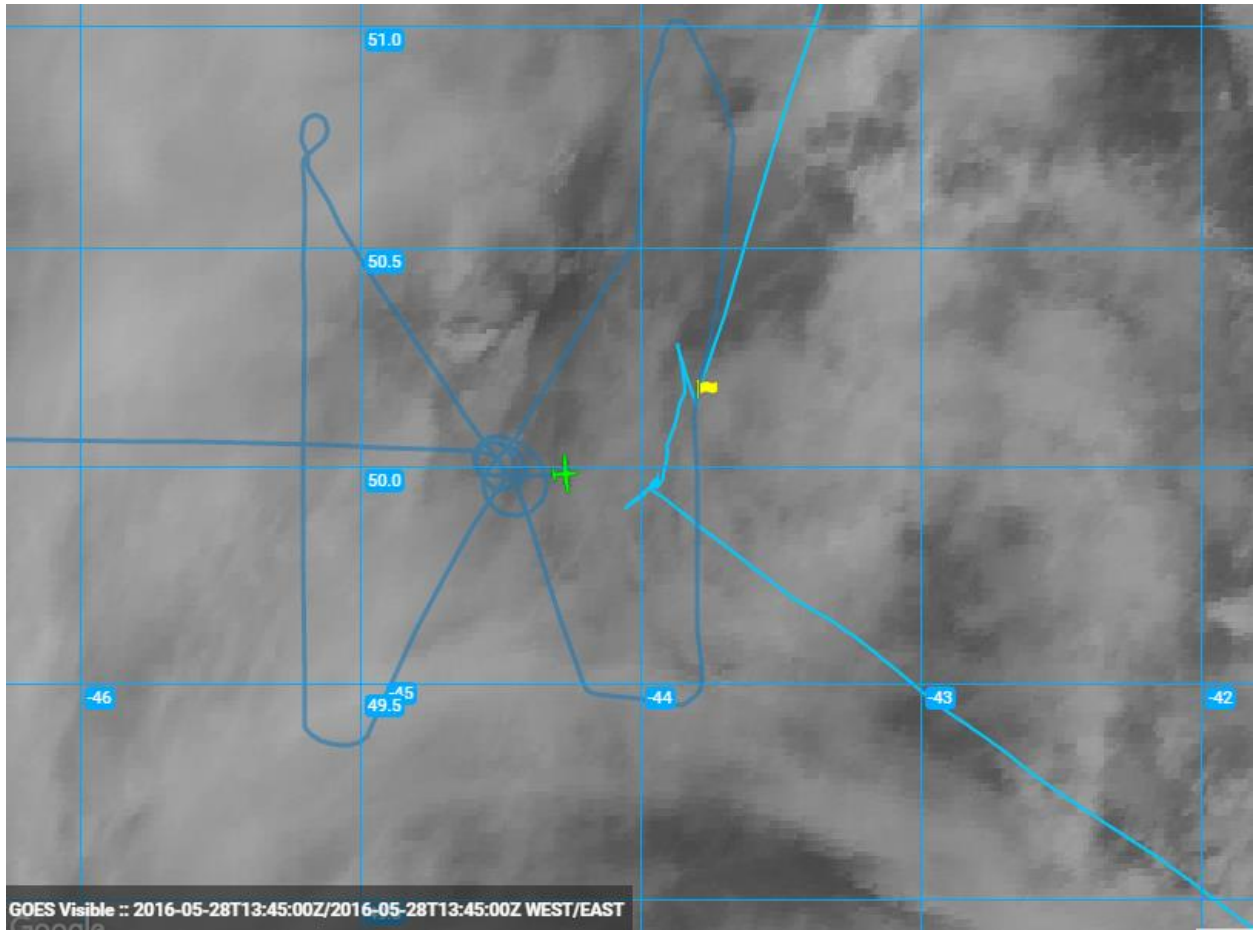
1320Z_HighAltSurveyAroundS3



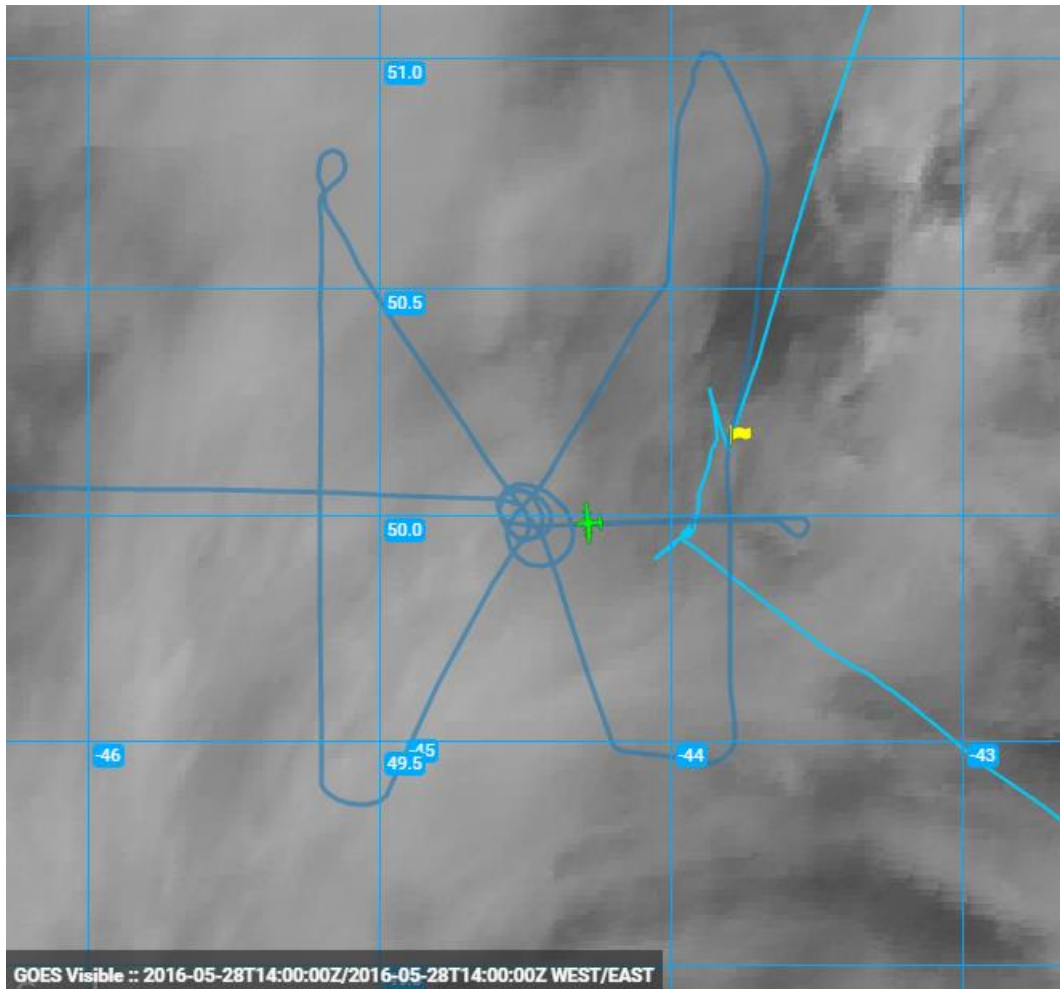
1335Z_HighAltSurveyAroundS3



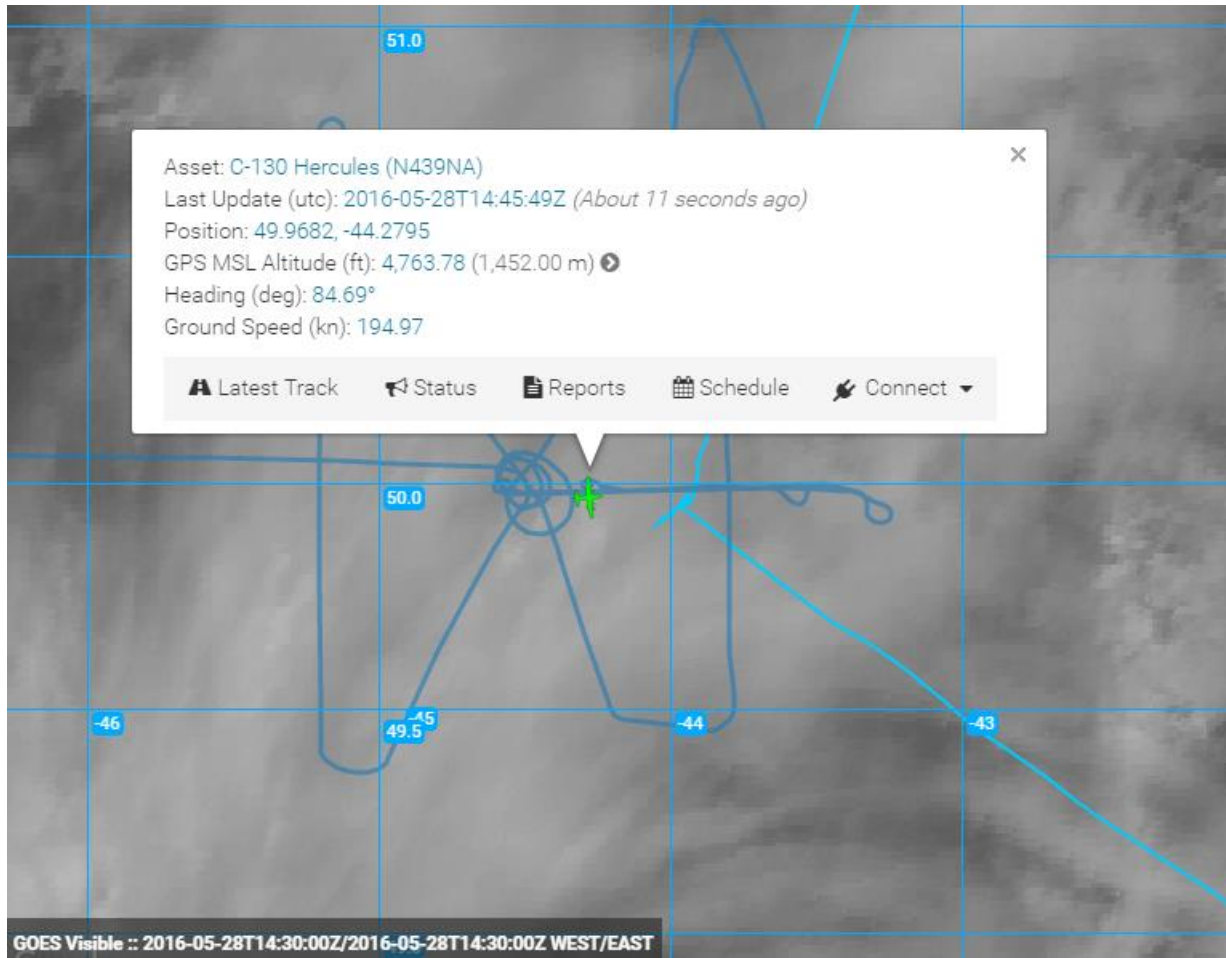
1340Z_SpiralDownInTheEddy



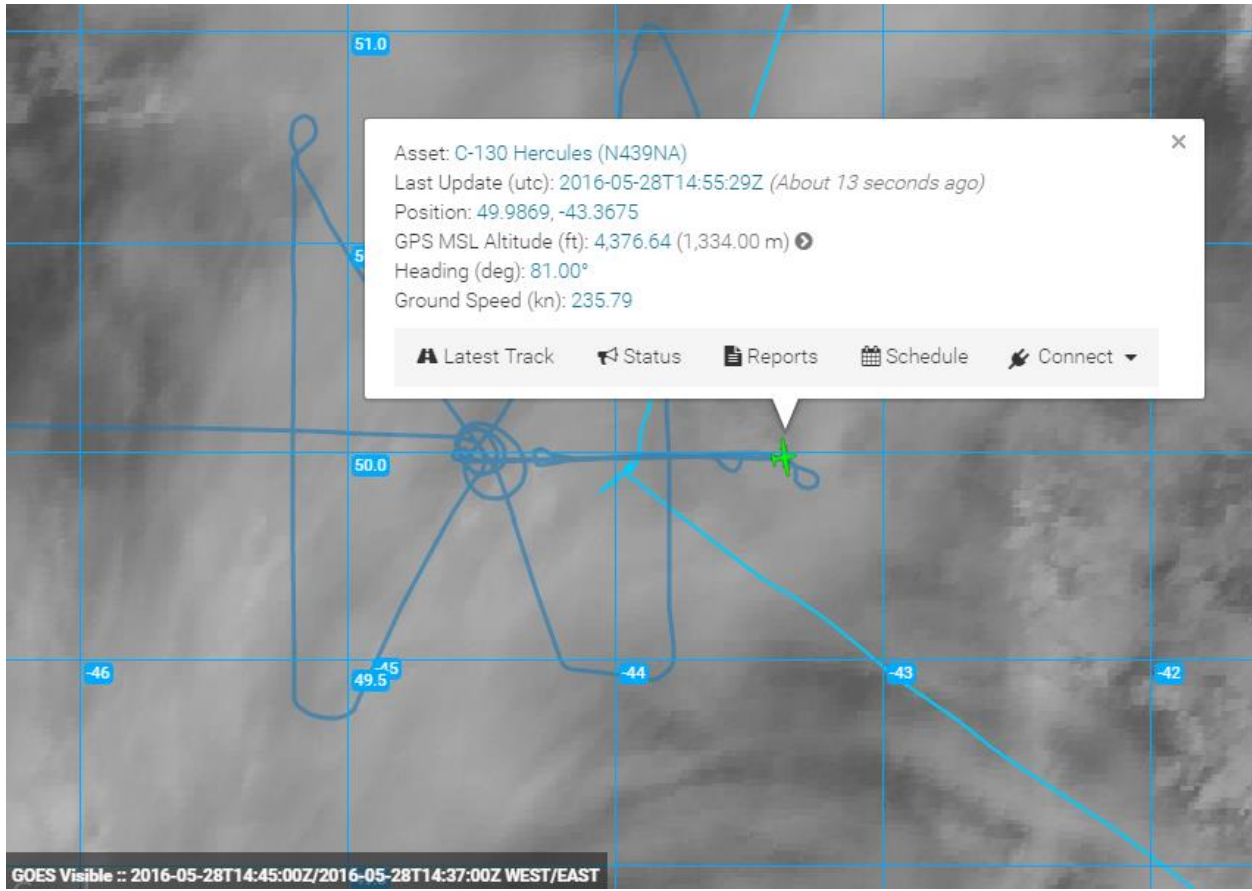
1400Z_StartingCloudModule



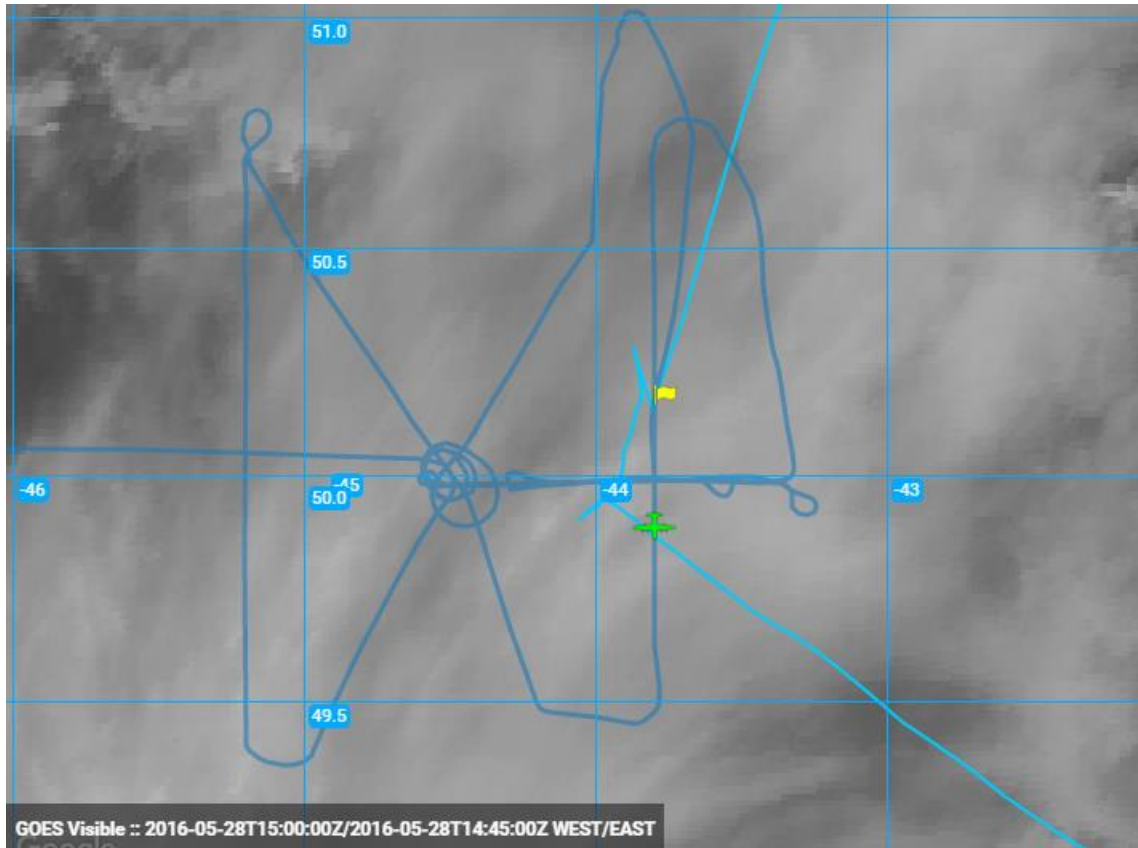
1415Z_CloudModule4kftLeg



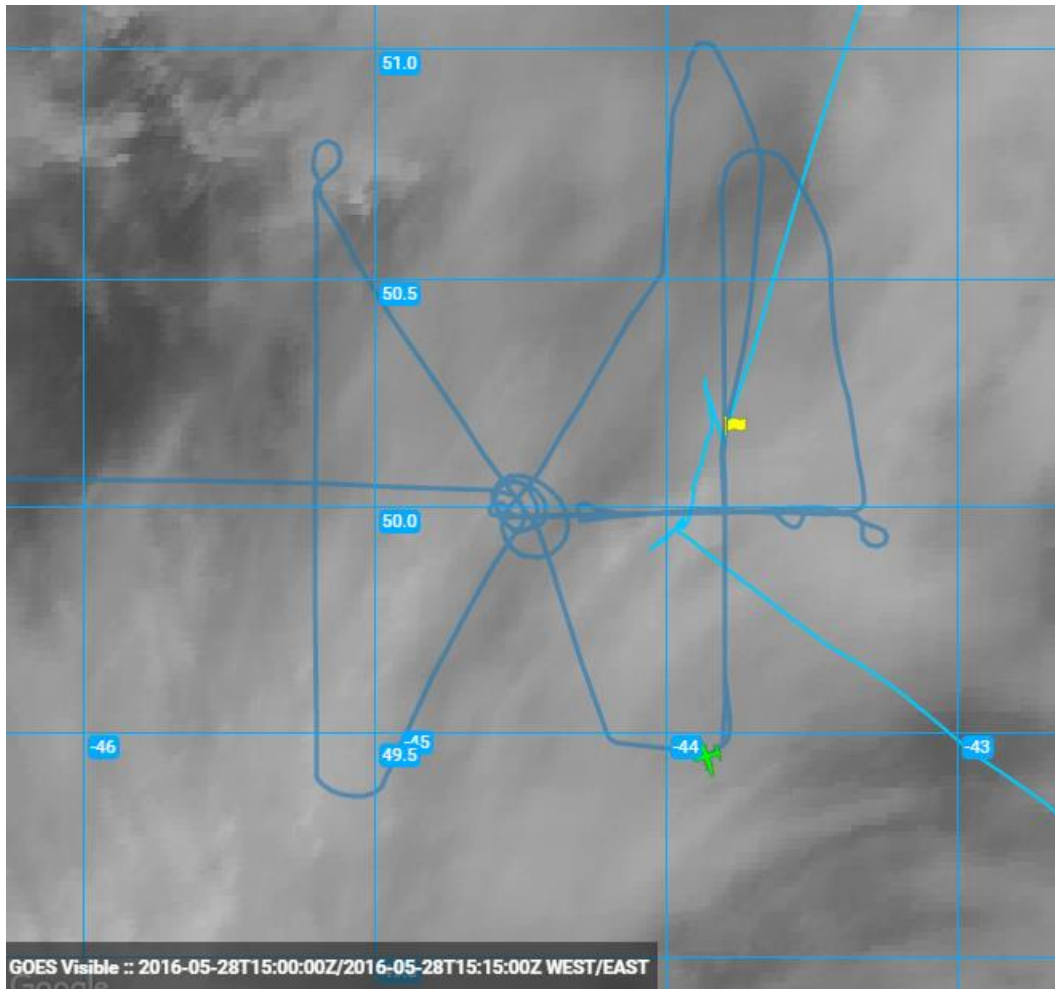
1445Z_CloudModuleCloudTopLeg



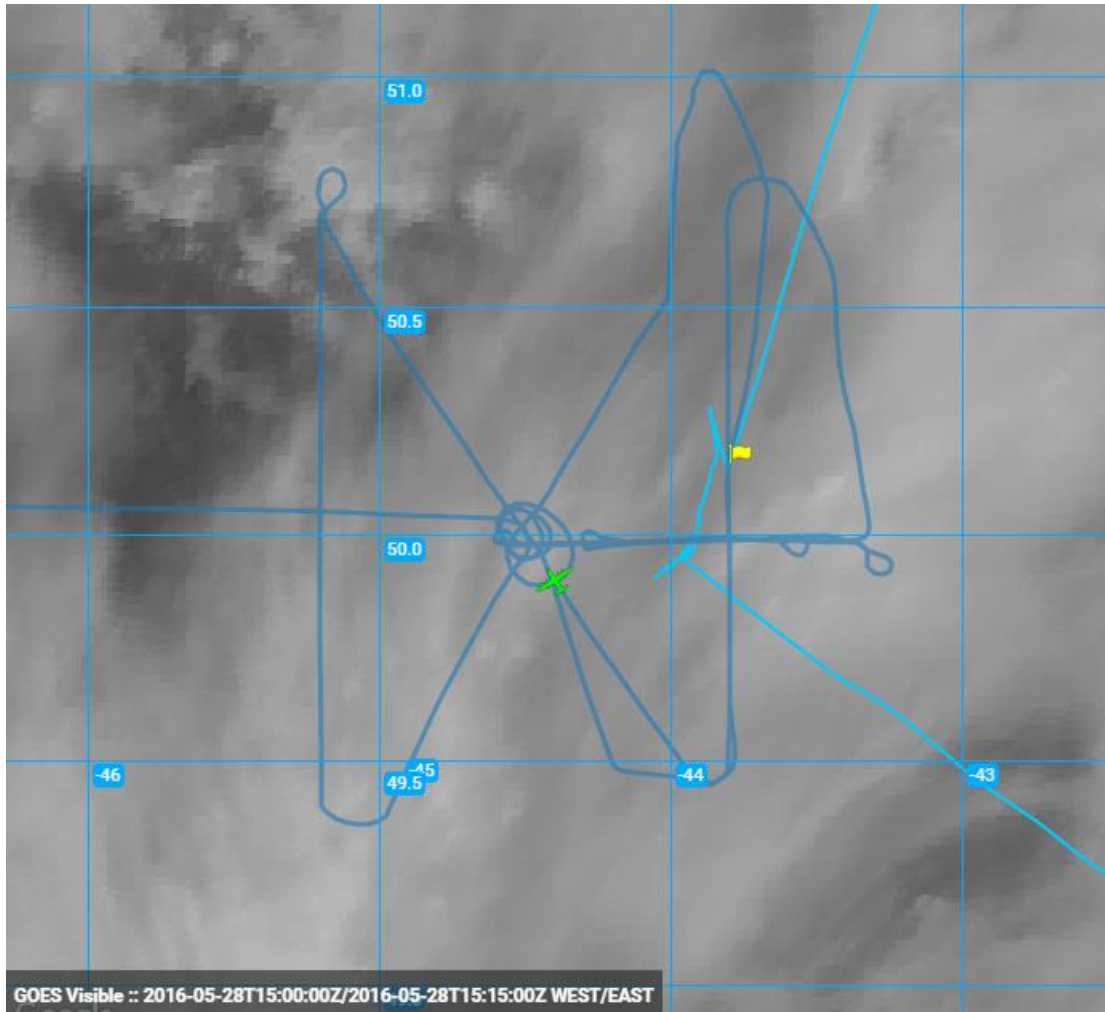
145Z_CloudModuleCloudTopLeg



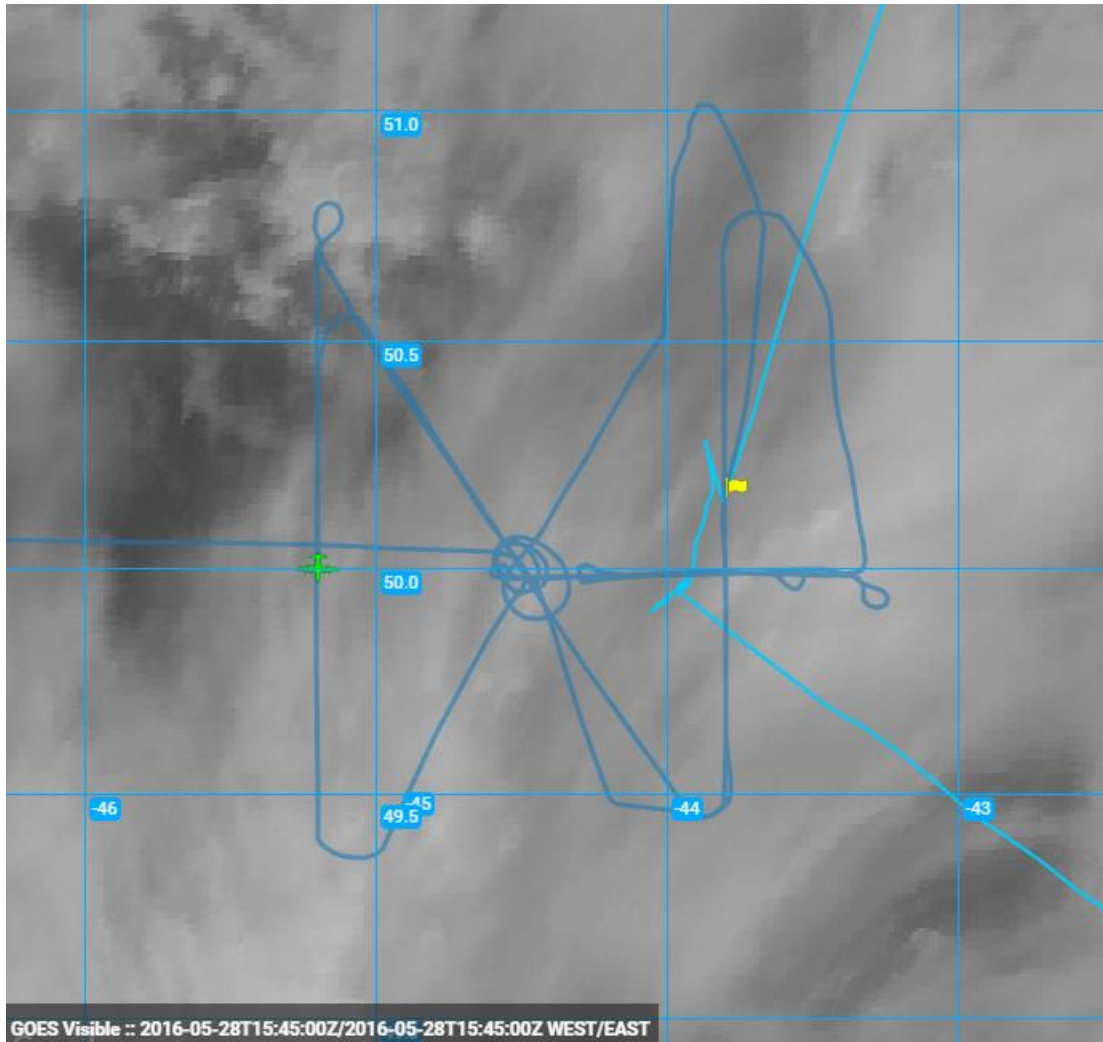
1525Z_LowLevelZPattern



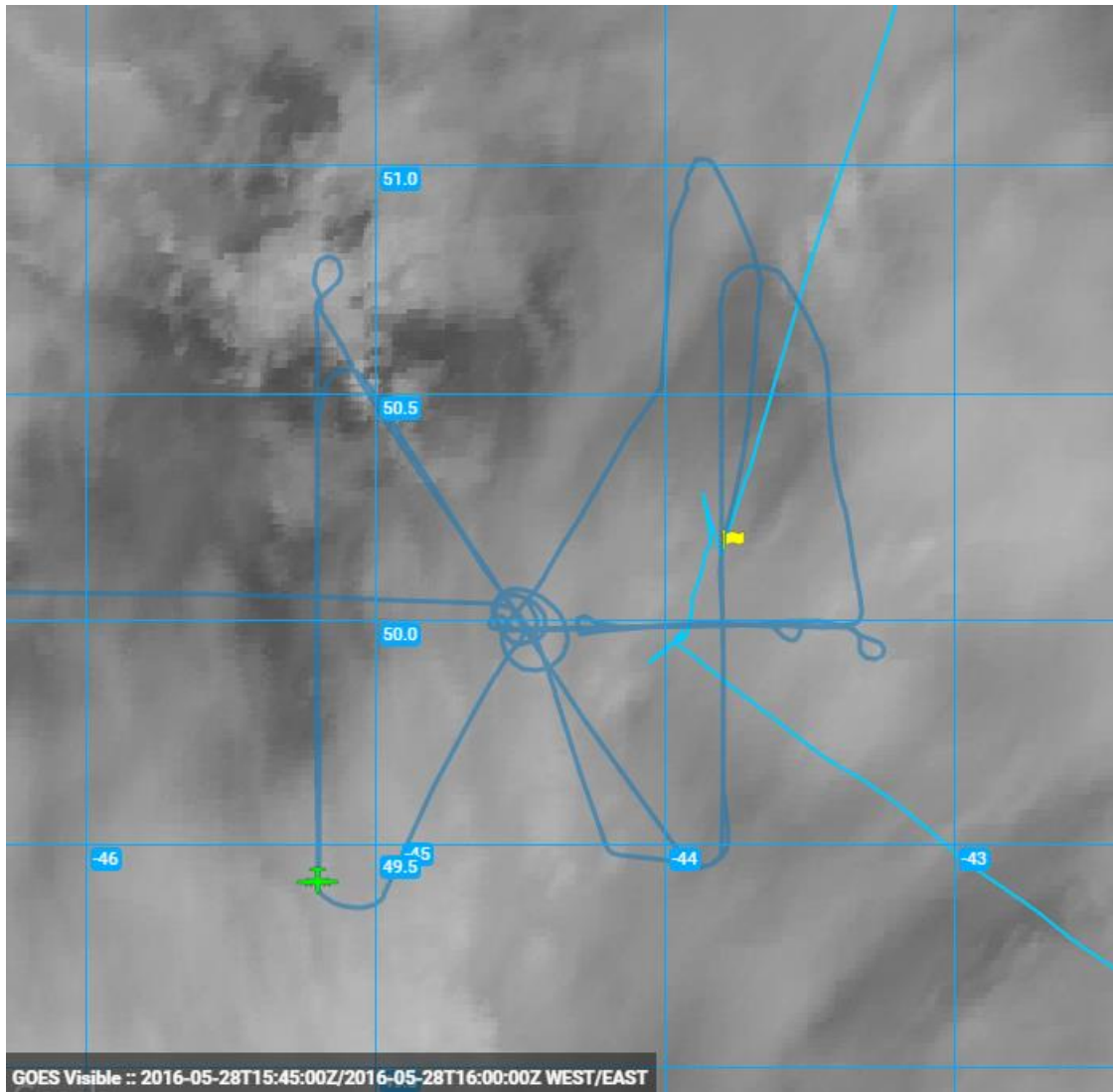
1530Z_LowLevelZPattern



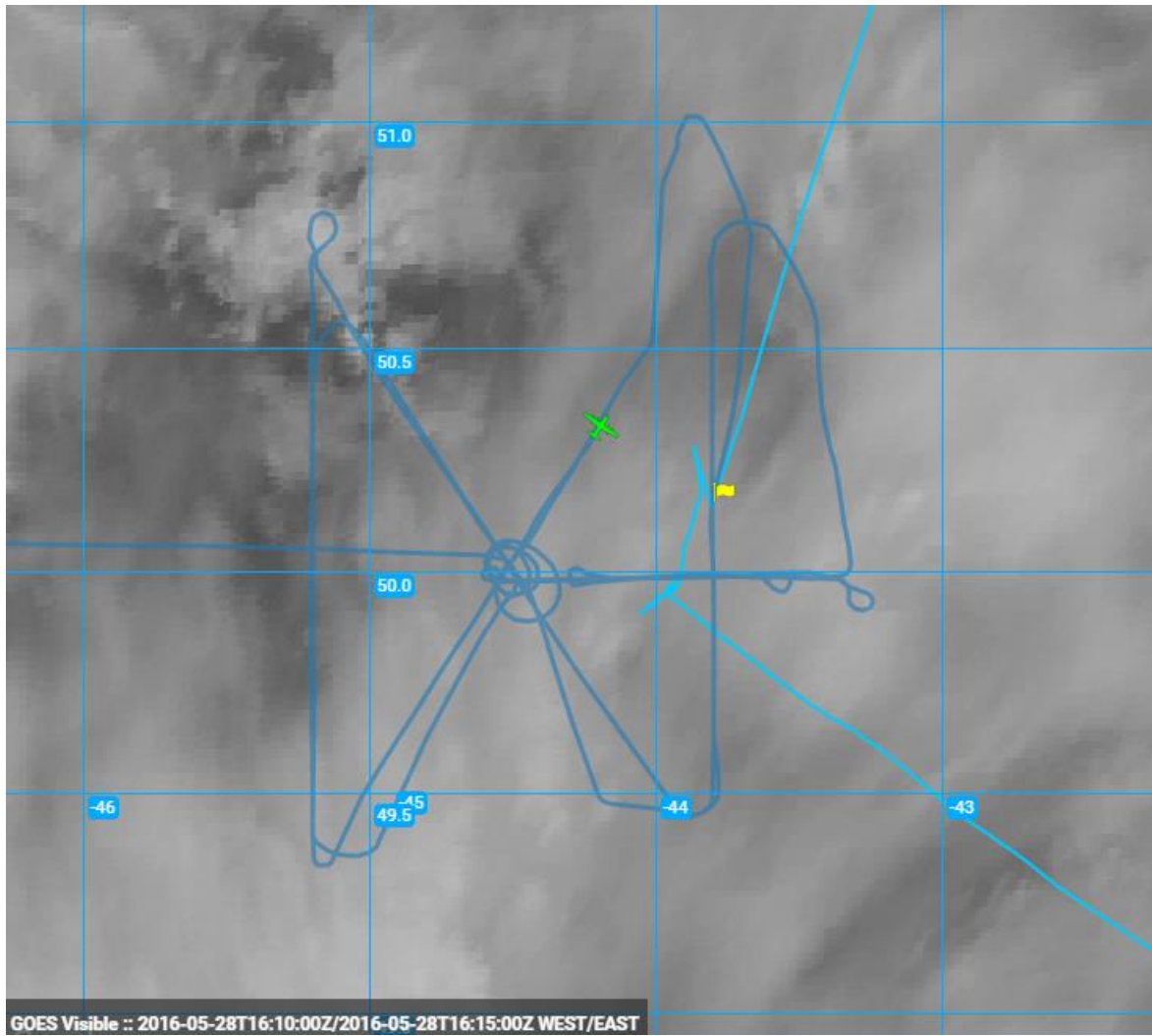
1540Z_LowLevelZPattern



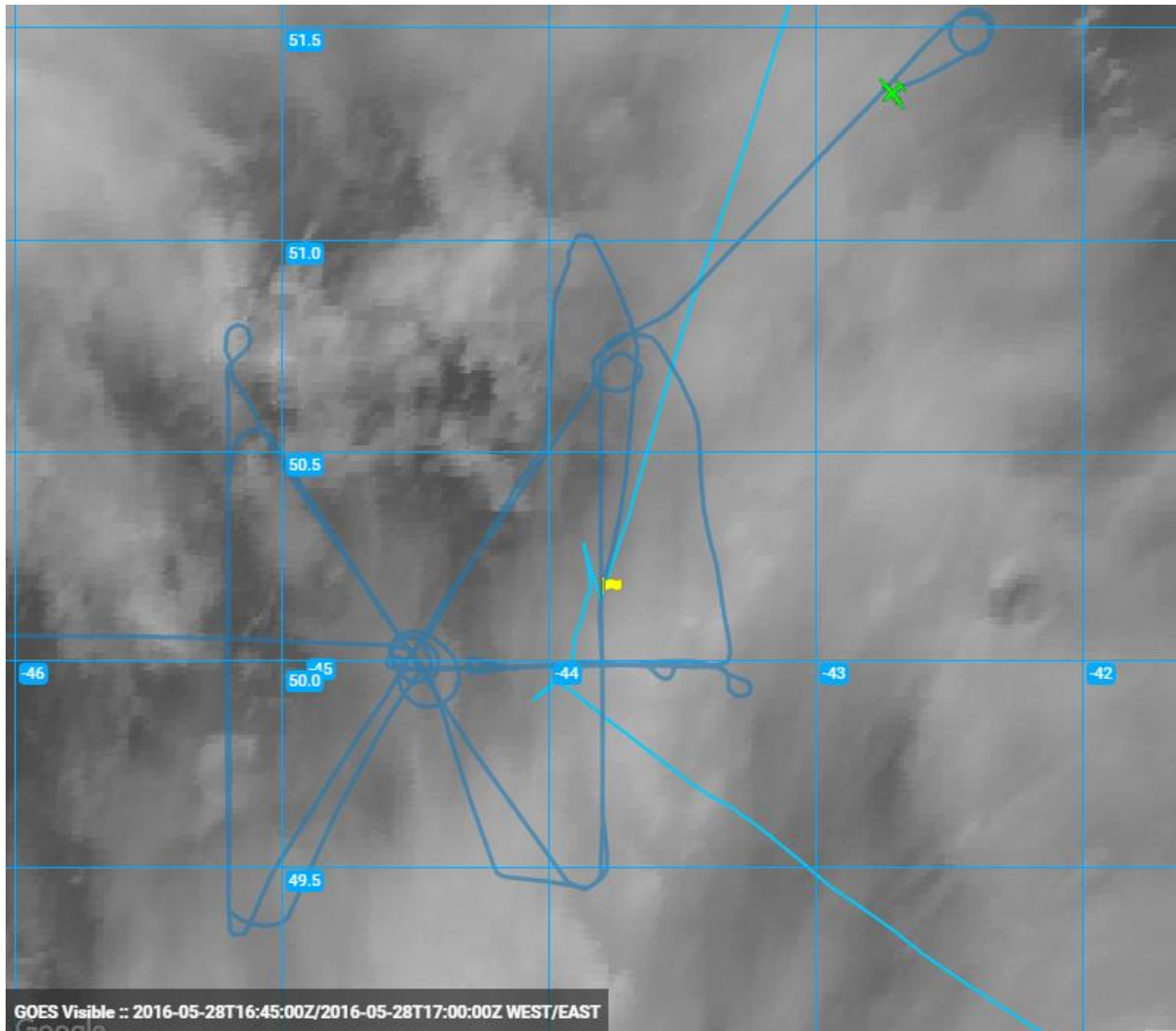
1600Z_LowLevelZPattern



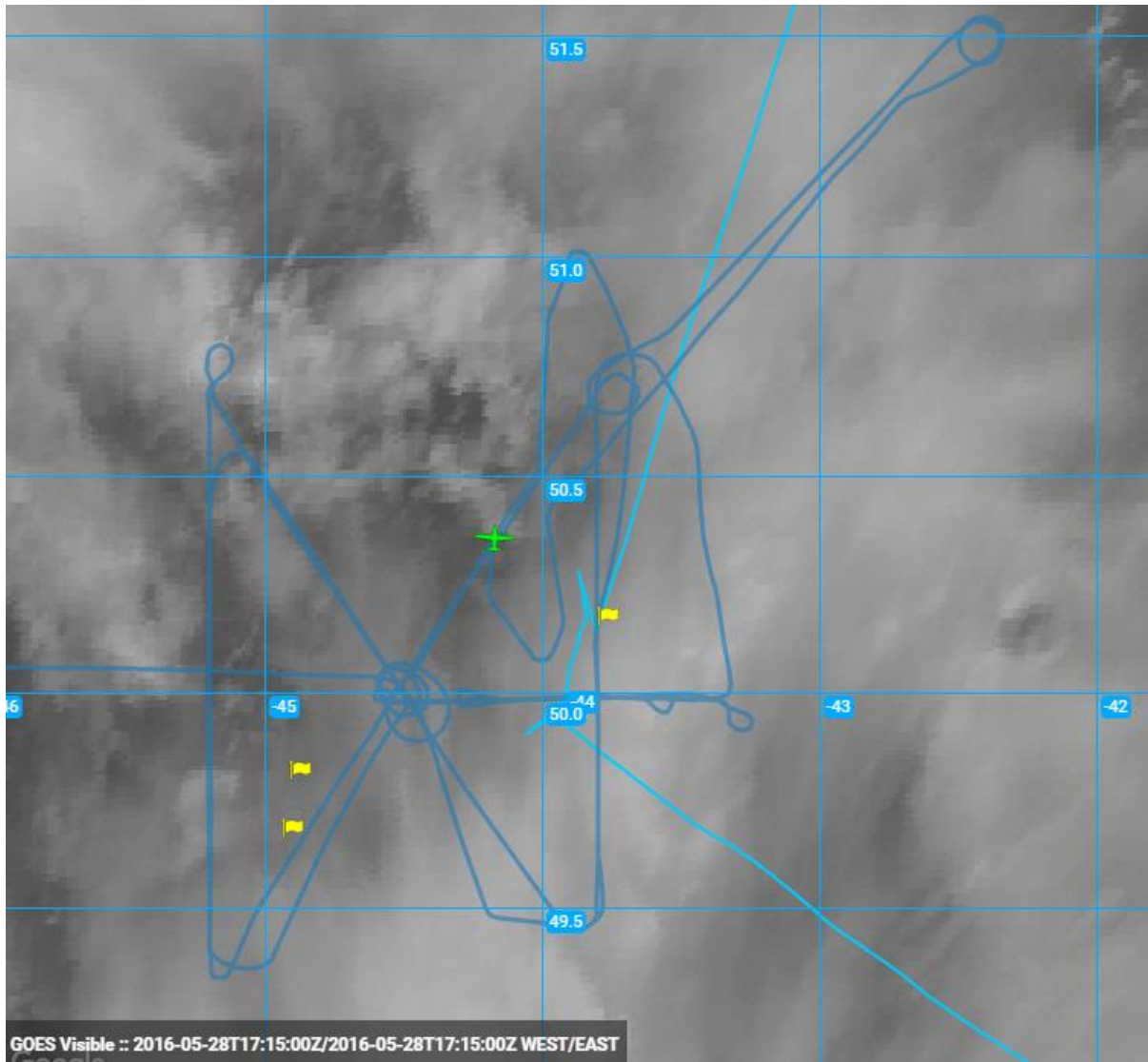
1610Z_LowLevelZPattern



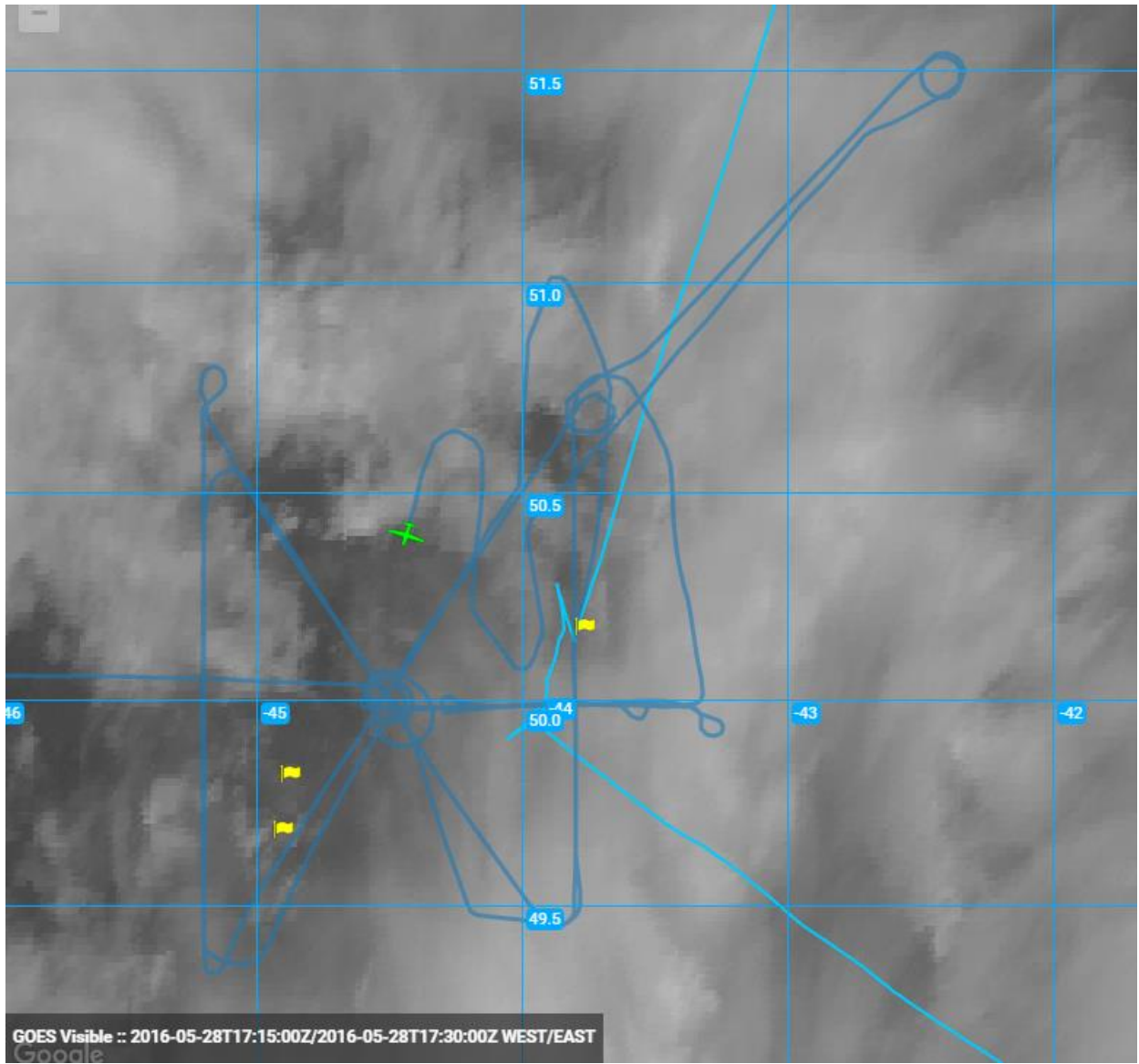
1630Z_ExitingLowLevelZPatternToS3toS2Leg



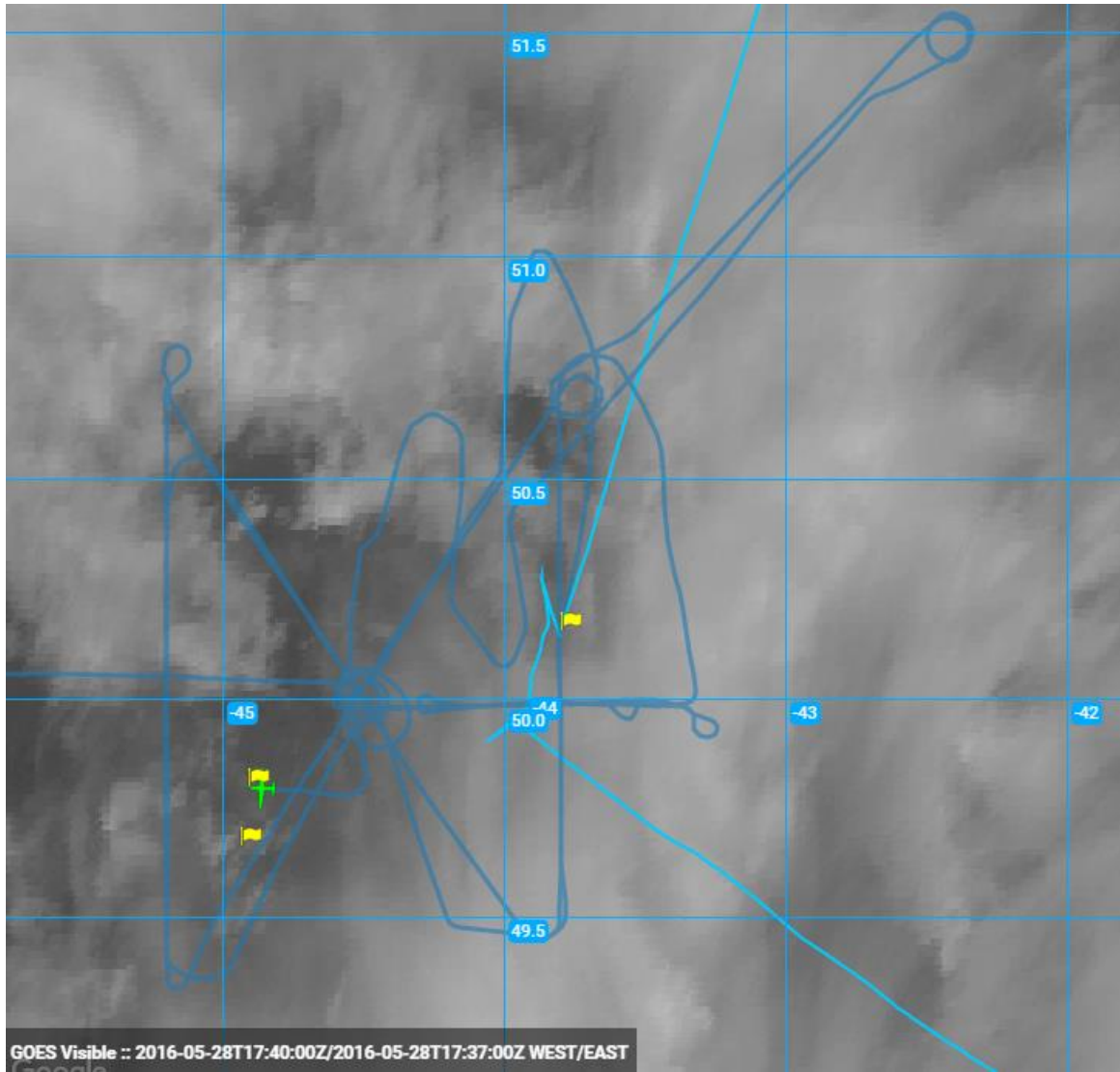
1710Z_ReturnToS3



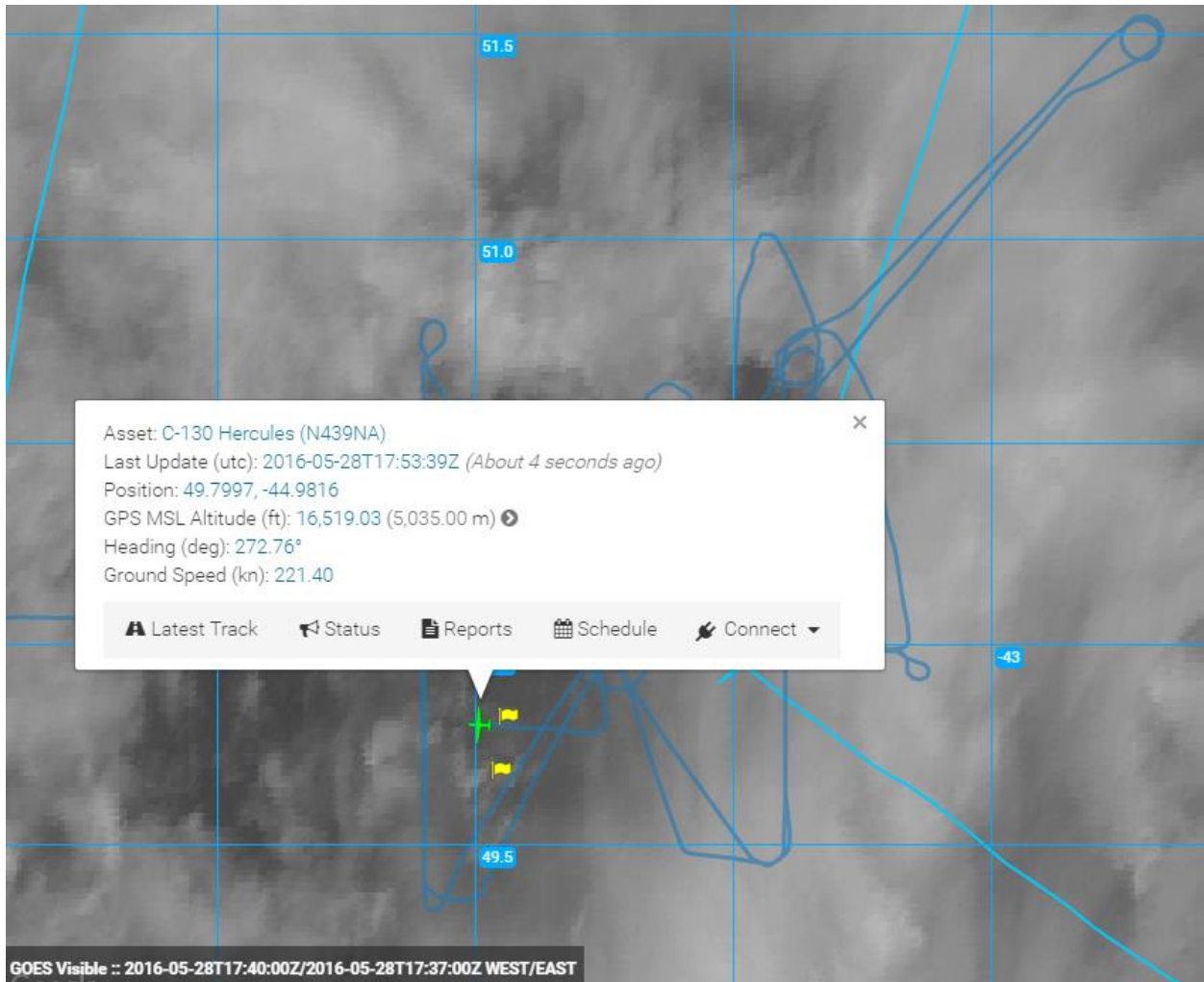
1730Z_HighAltitudeWorkingOfS3



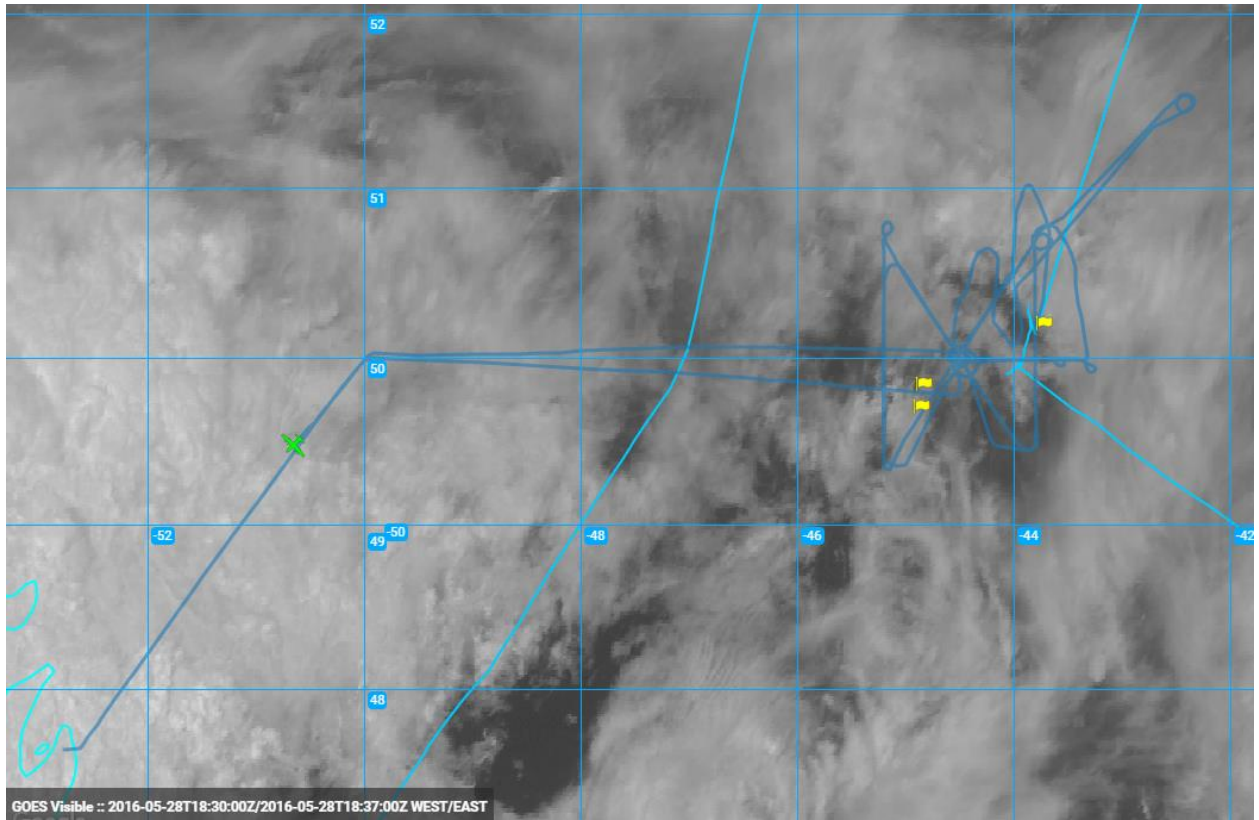
1740Z_HighAltitudeWorkingOfS3



1755Z_ElenaMayDrifterOverpass



1755Z_ElenaMayDrifterOverpass2



1845Z_RTb