

## NAAMES Mission C-130 Flight Report

From: CYYT

To: CYYT

Start: 05/18/16 05:45Z

Finish: 05/18/16 16:30Z

Flight Time: 10.7 hours

Log Number: 161008

PI: Mike Behrenfeld

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

Official Flight Report Logged At:

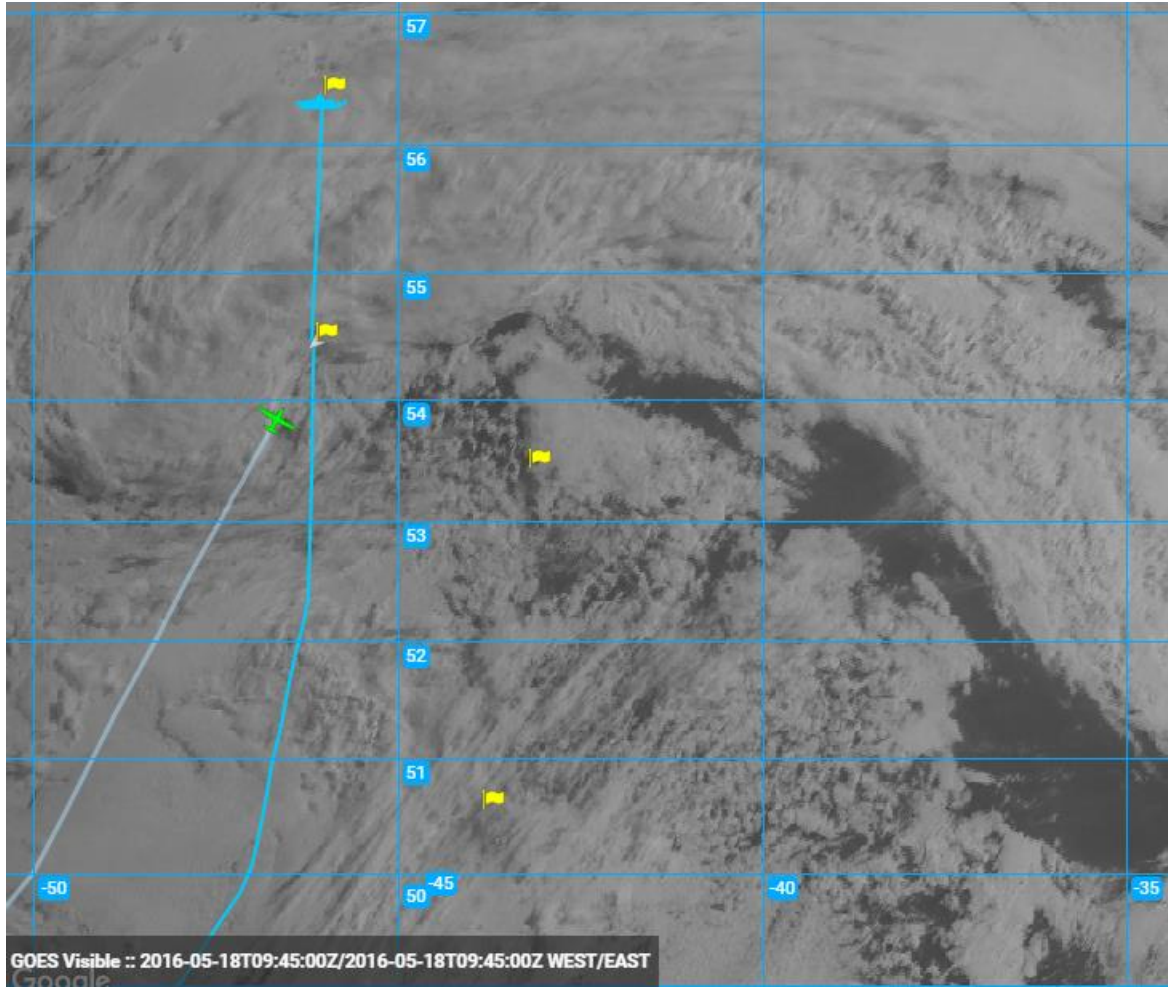
[https://airbornescience.nasa.gov/flight\\_reports/C-130H\\_Hercules\\_439\\_05\\_18\\_16](https://airbornescience.nasa.gov/flight_reports/C-130H_Hercules_439_05_18_16)

### Flight Hour Summary:

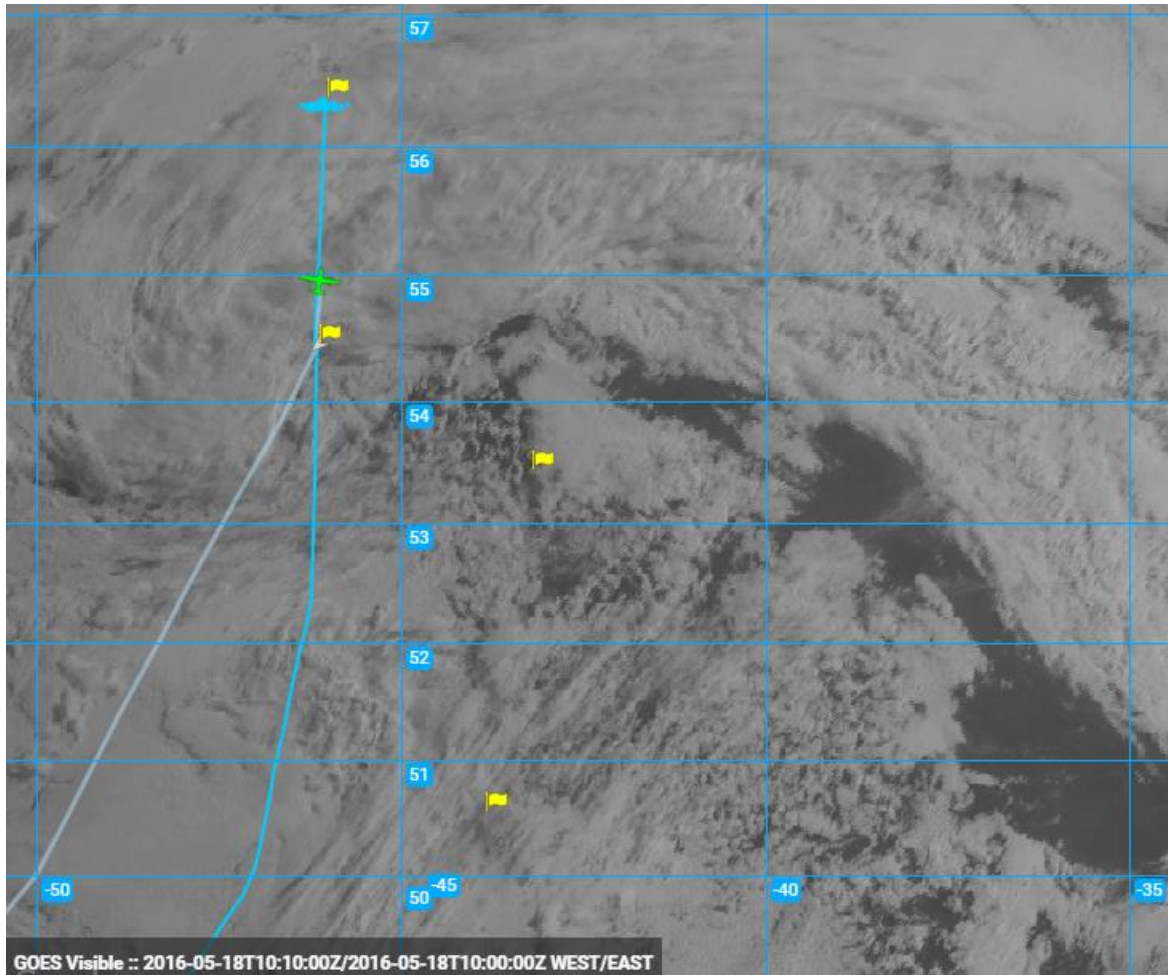
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
04/08/16	NAAMES Langley Transit	Ferry	1	1	69
05/12/16	NAAMES Airworthiness Test Flight	Check	0.9	1.9	68.1
05/13/16	NAAMES Project Test Flight/Transit	Transit	8.4	10.3	59.7
05/18/16	NAAMES Science Flight #1	Science	10.7	21	49

### Comments:

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

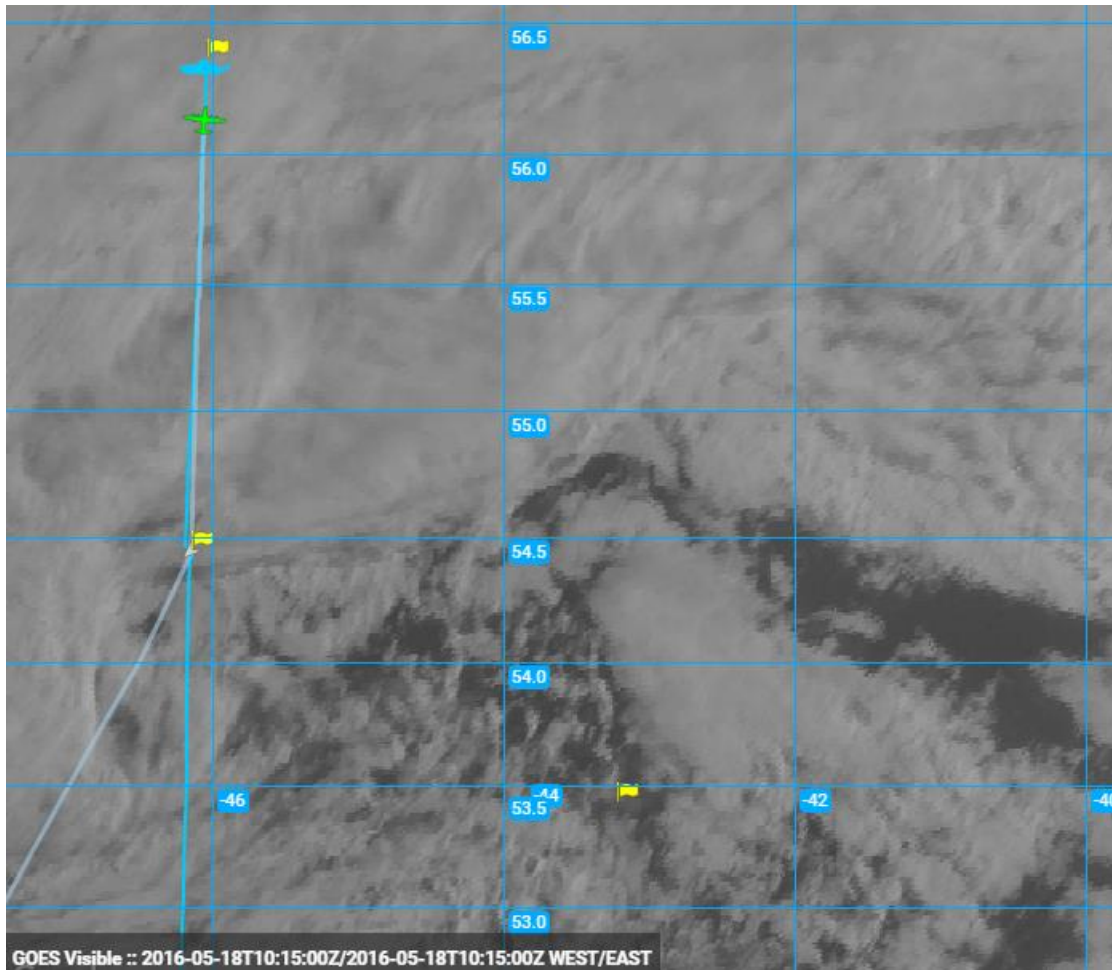


20160518\_1005Z\_VisibleGOES\_ApproachingS0

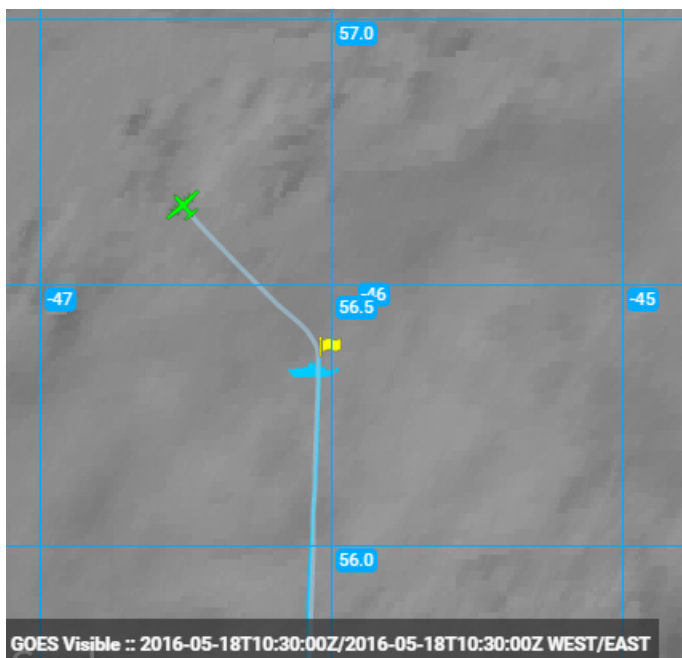


GOES Visible :: 2016-05-18T10:10:00Z/2016-05-18T10:00:00Z WEST/EAST

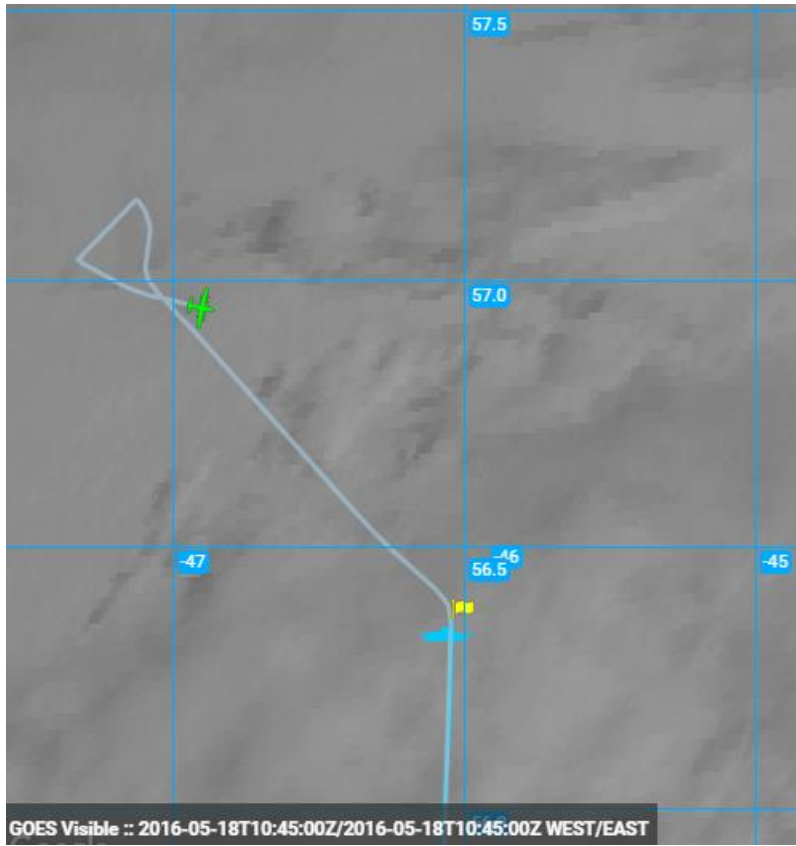
20160518\_1020Z\_VisibleGOES\_NorthOfS0



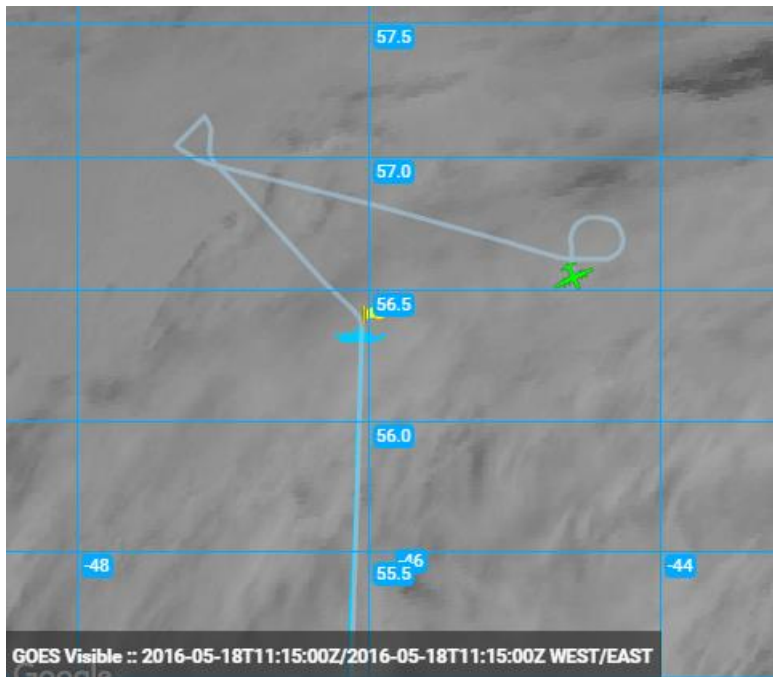
20160518\_1037Z\_ApproachingS1



20160518\_1045Z\_UpwindBowtie

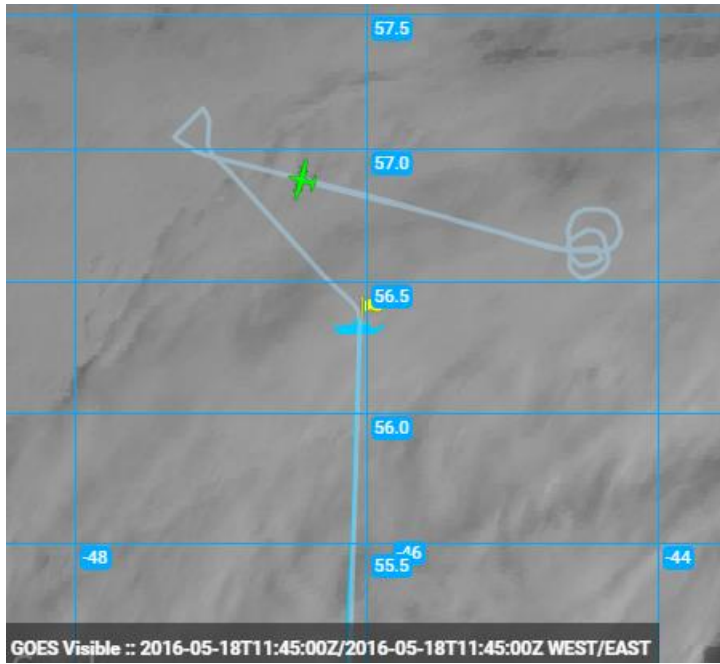


20160518\_1100Z\_UpwindBowtie

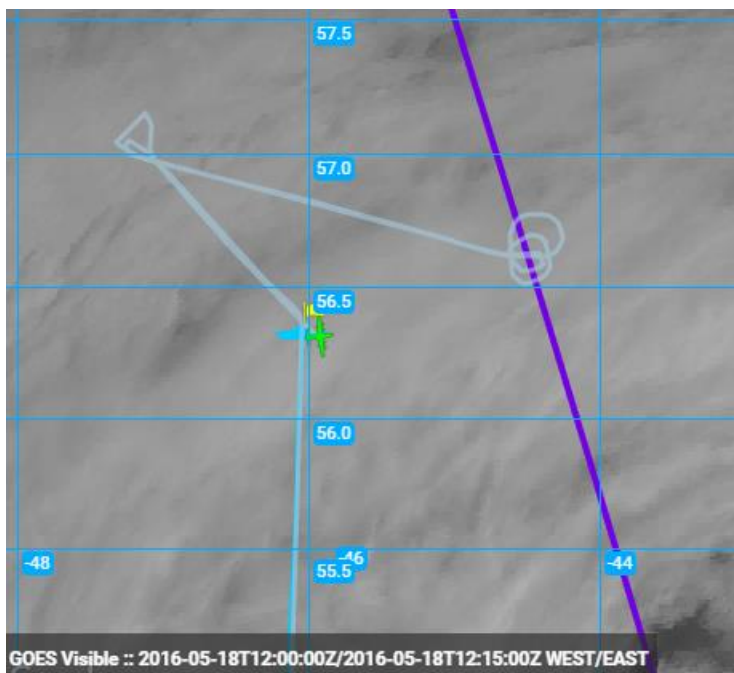


20160518\_1125Z\_UpwindBowtieSpiralDown

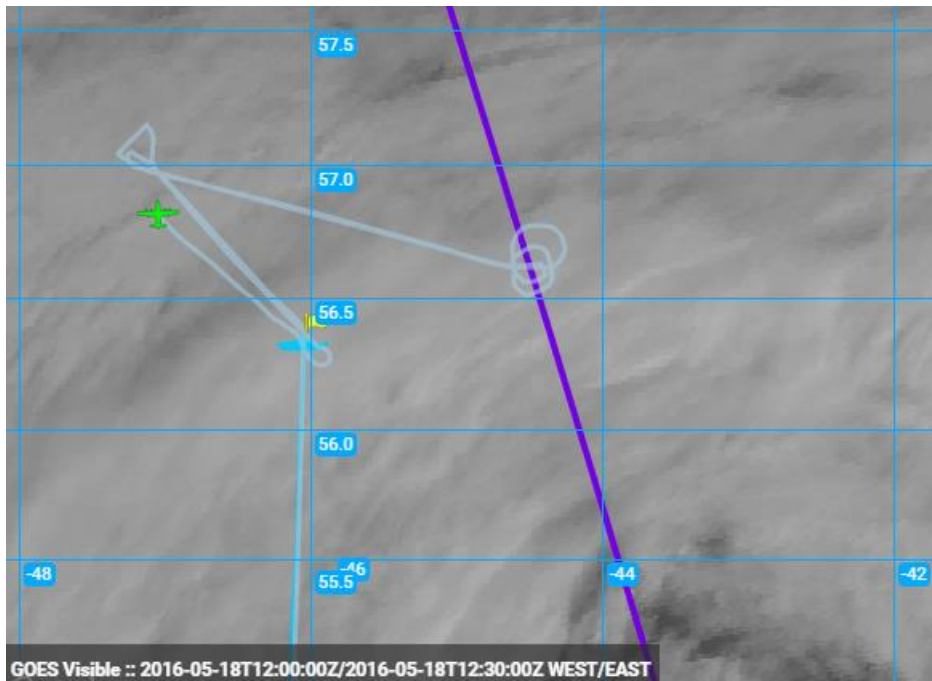




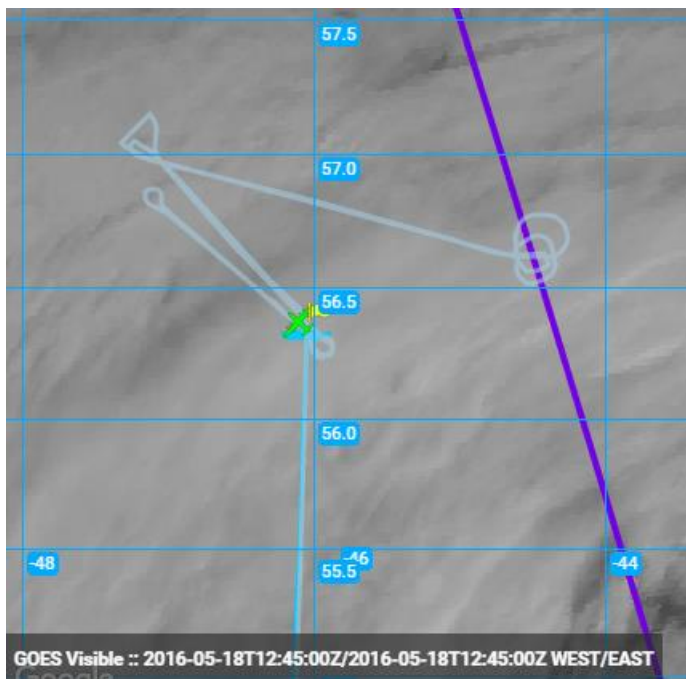
20160518\_1200Z\_UpwindBowtieLowLevel



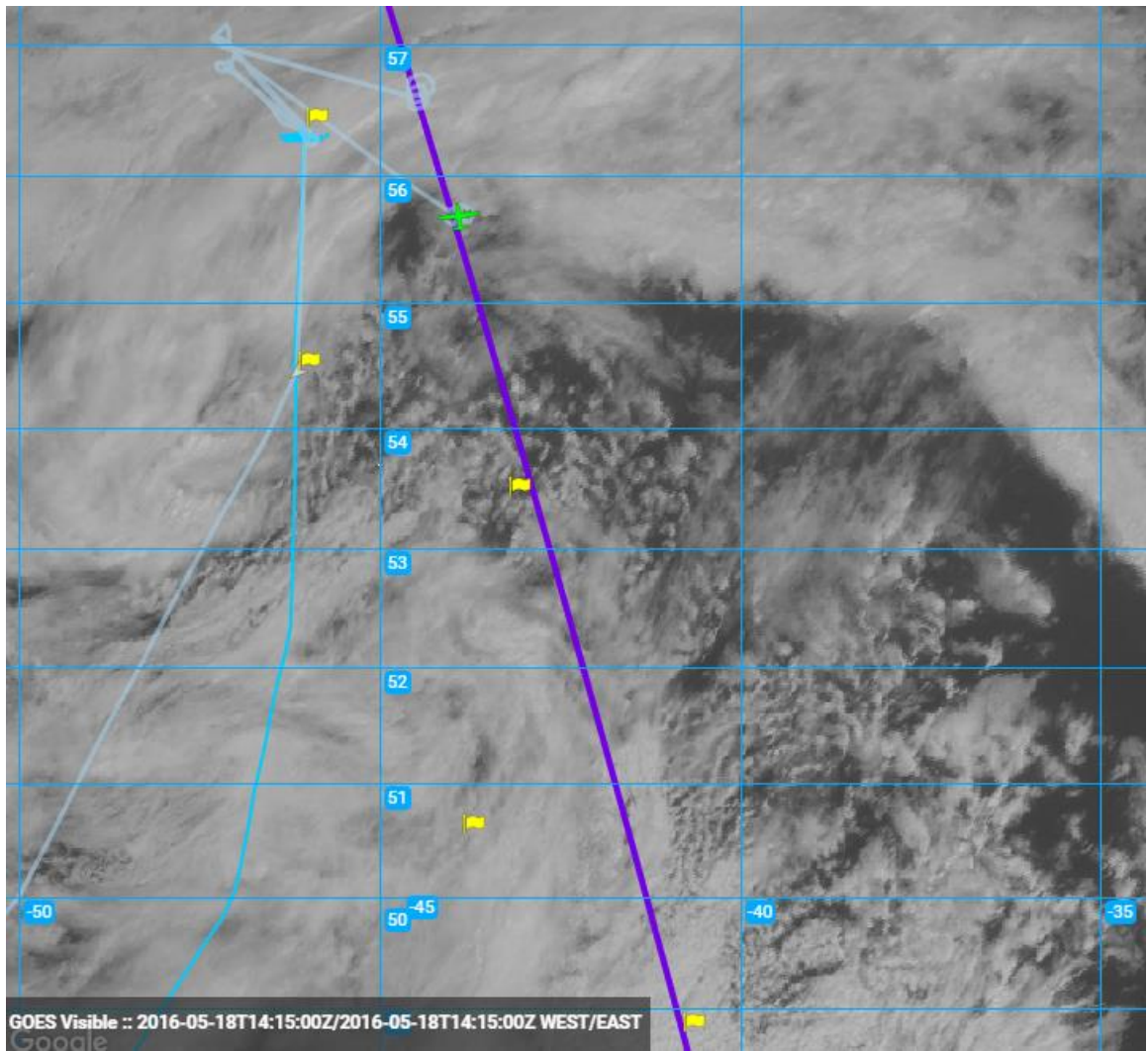
20160518\_1225Z\_OverShip



20160518\_1240Z\_CloudModule

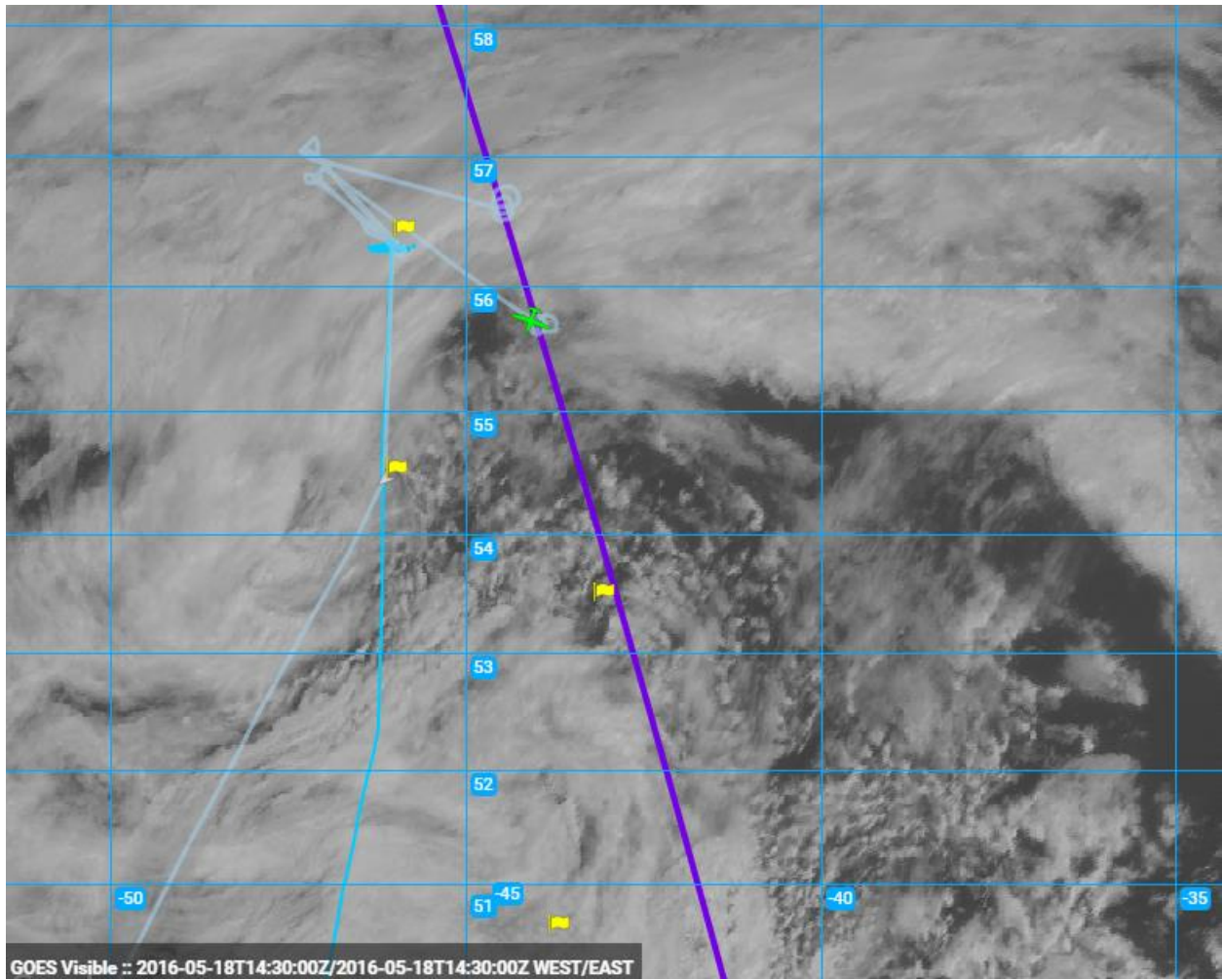


20160518\_1300Z\_CloudModule

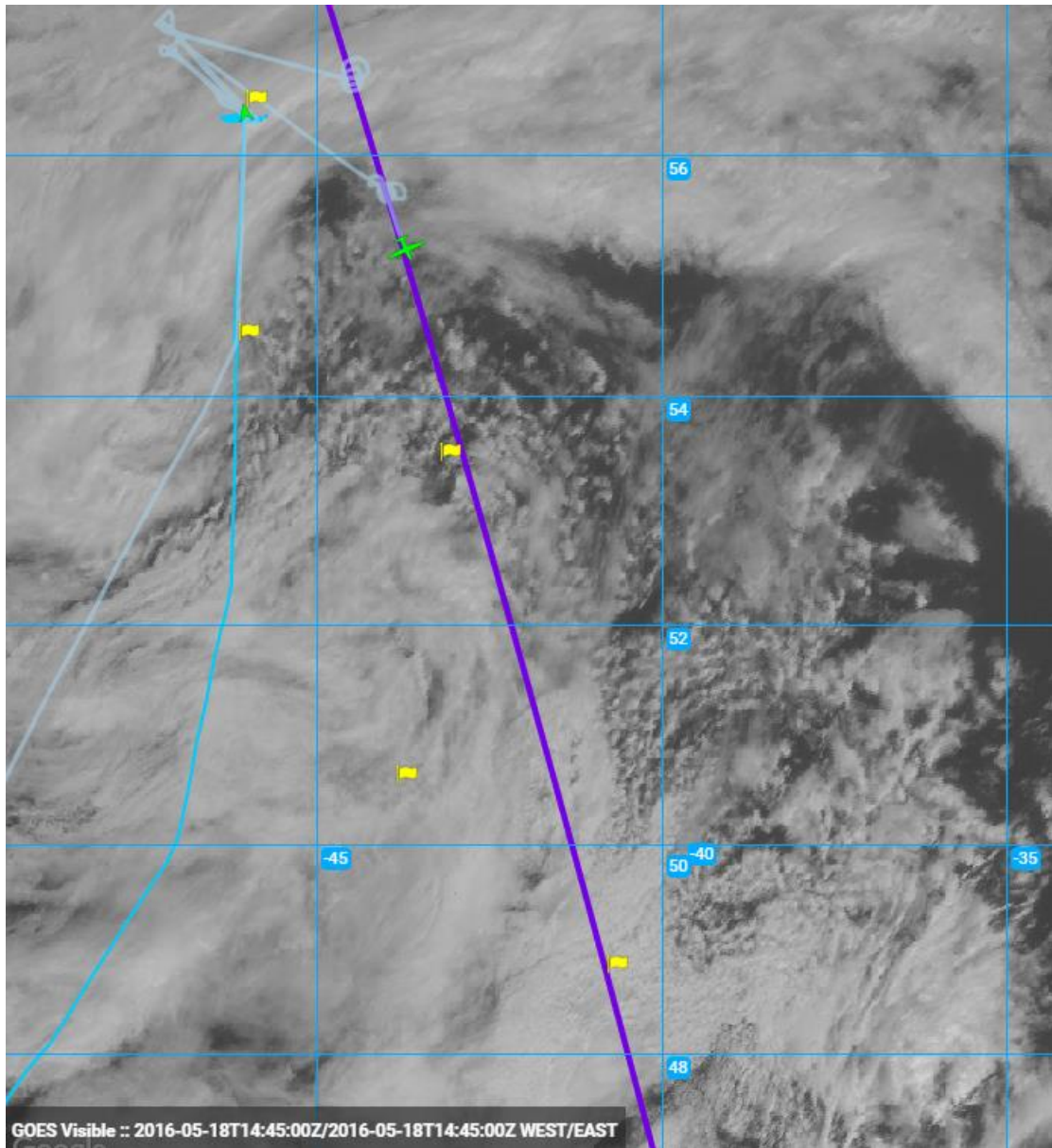


20160518\_1427Z\_SpiralDownAtC2

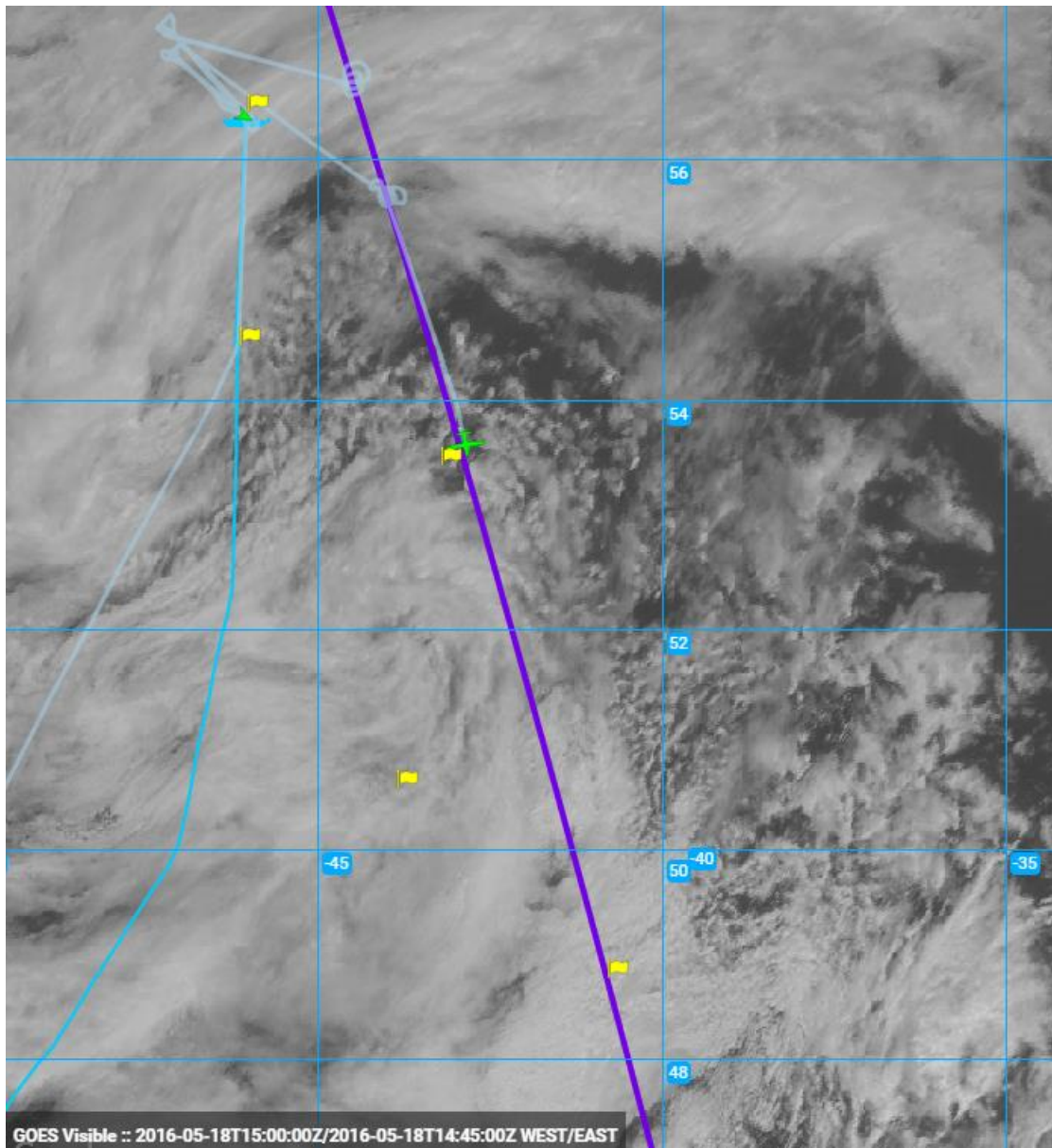




20160518\_1444Z\_SpiralUpAtC2

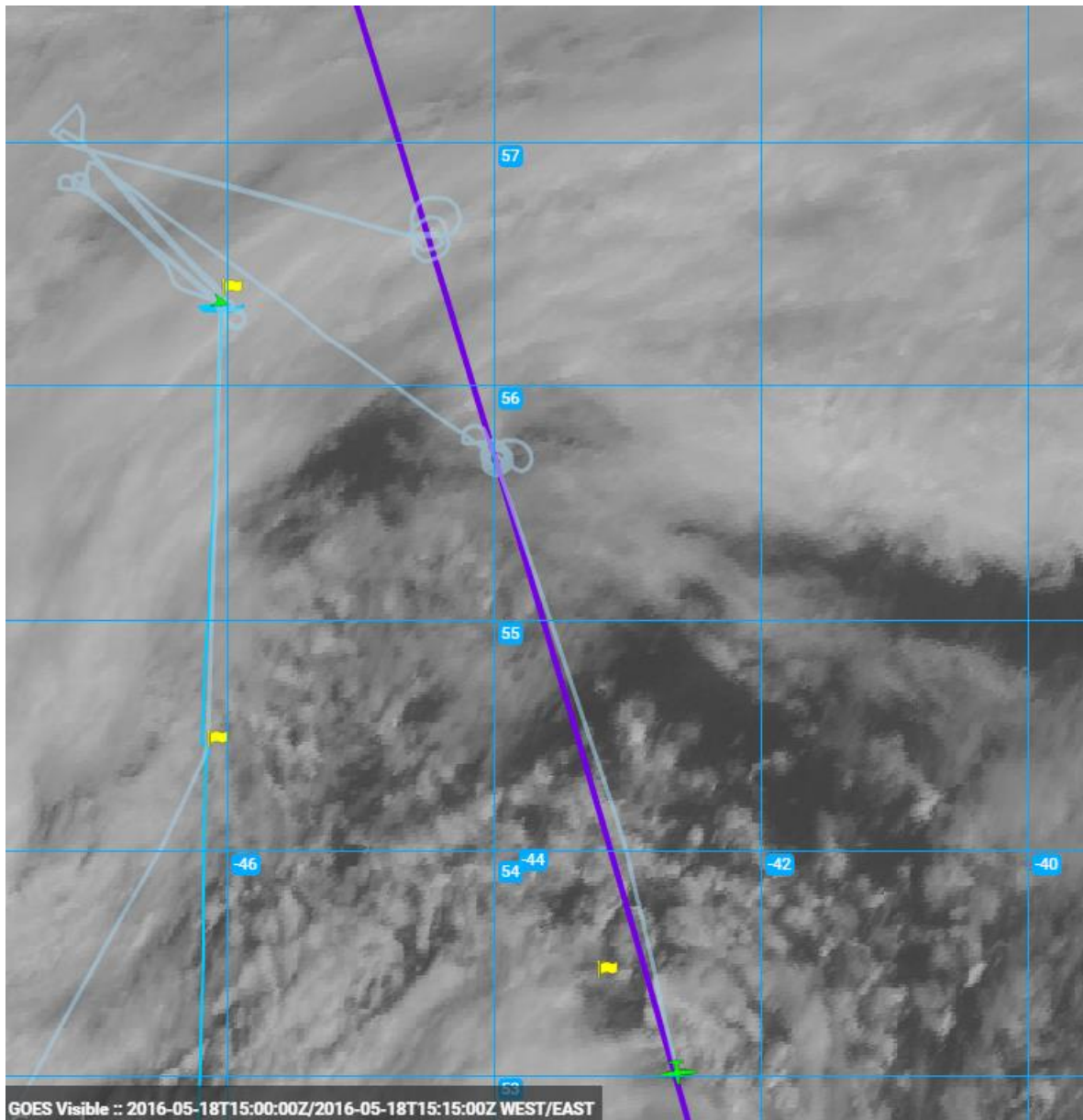


20160518\_1500Z\_CalipsoSurvey

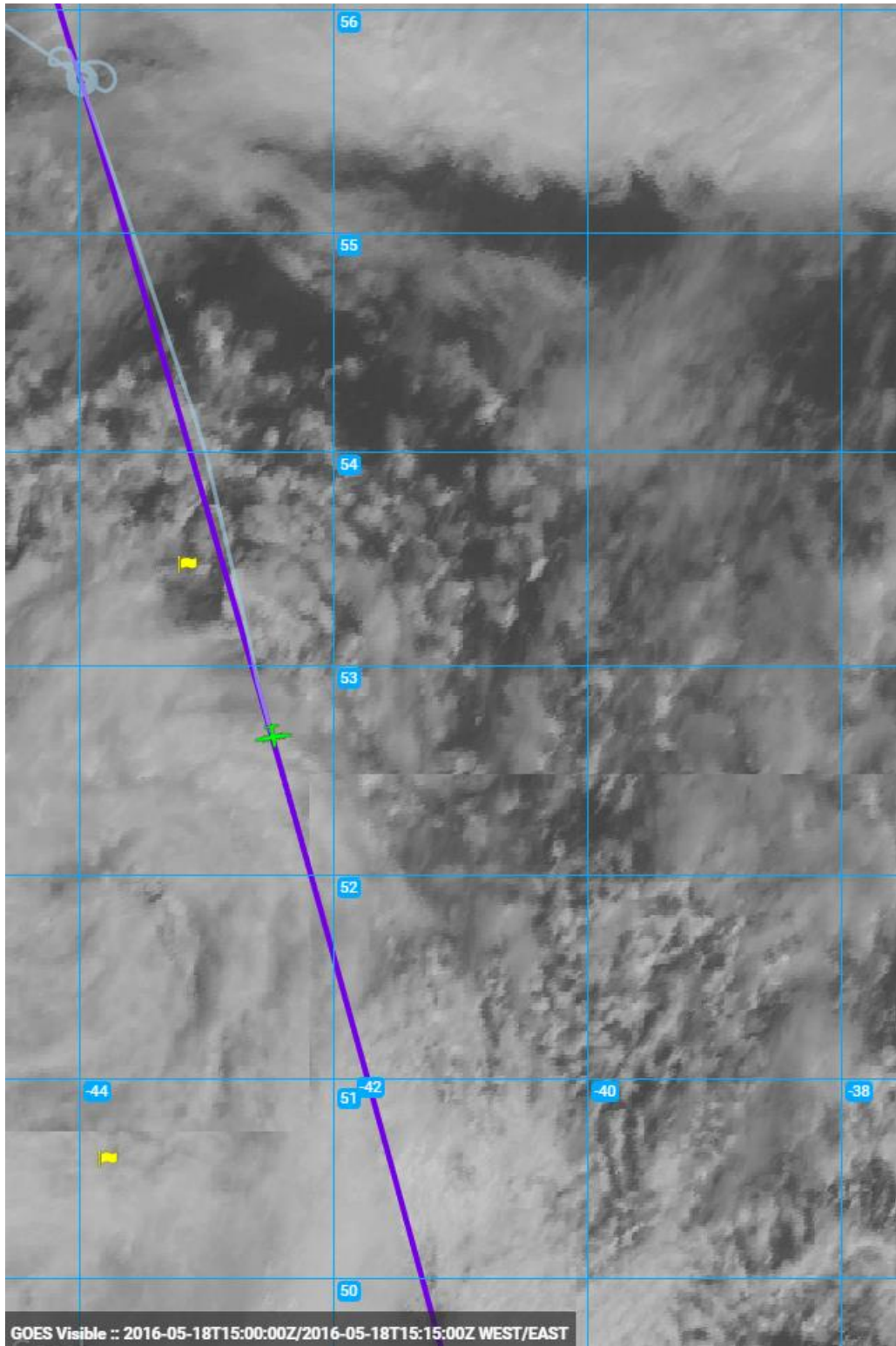


20160518\_1520Z\_CalipsoSurvey



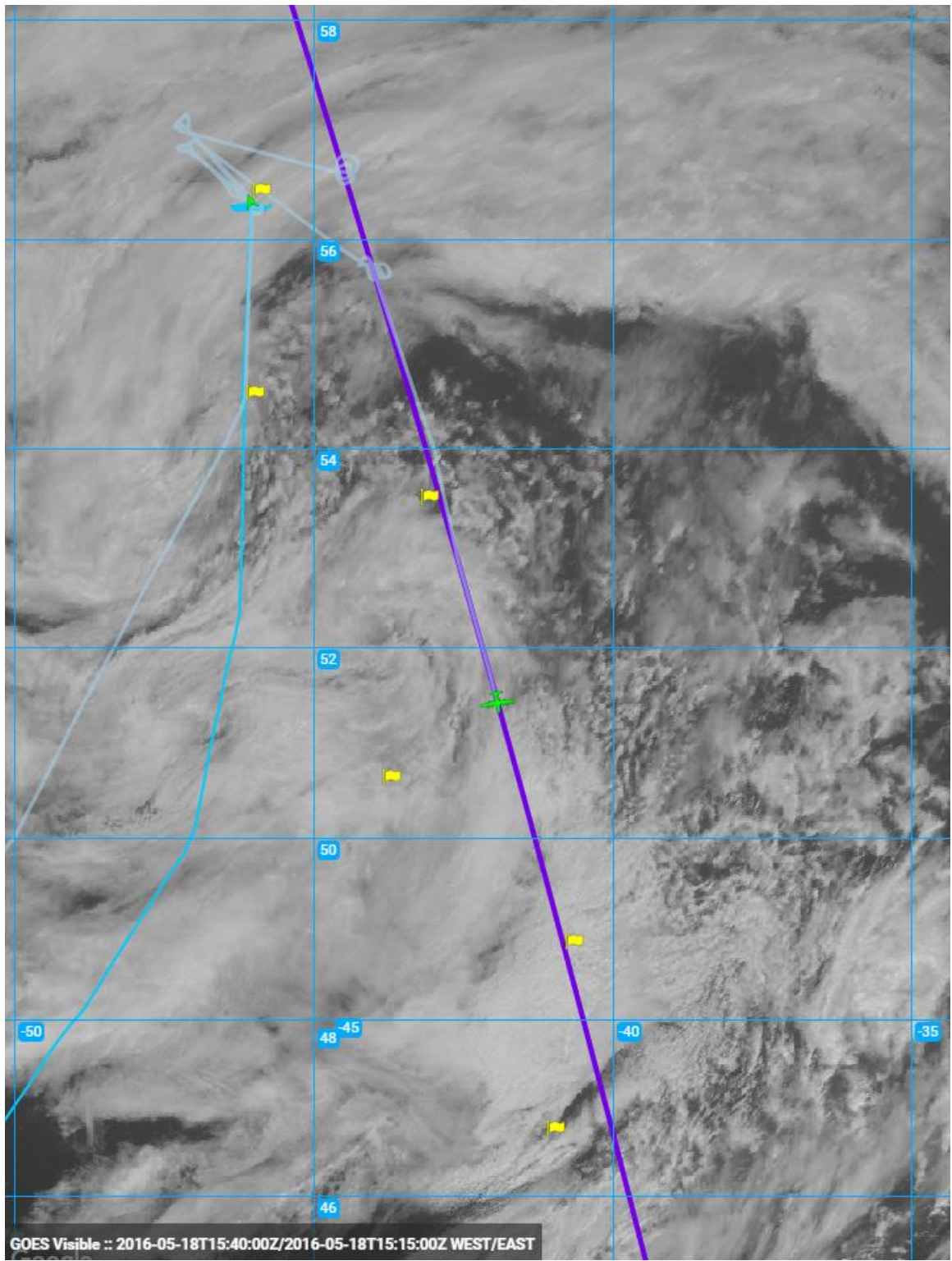


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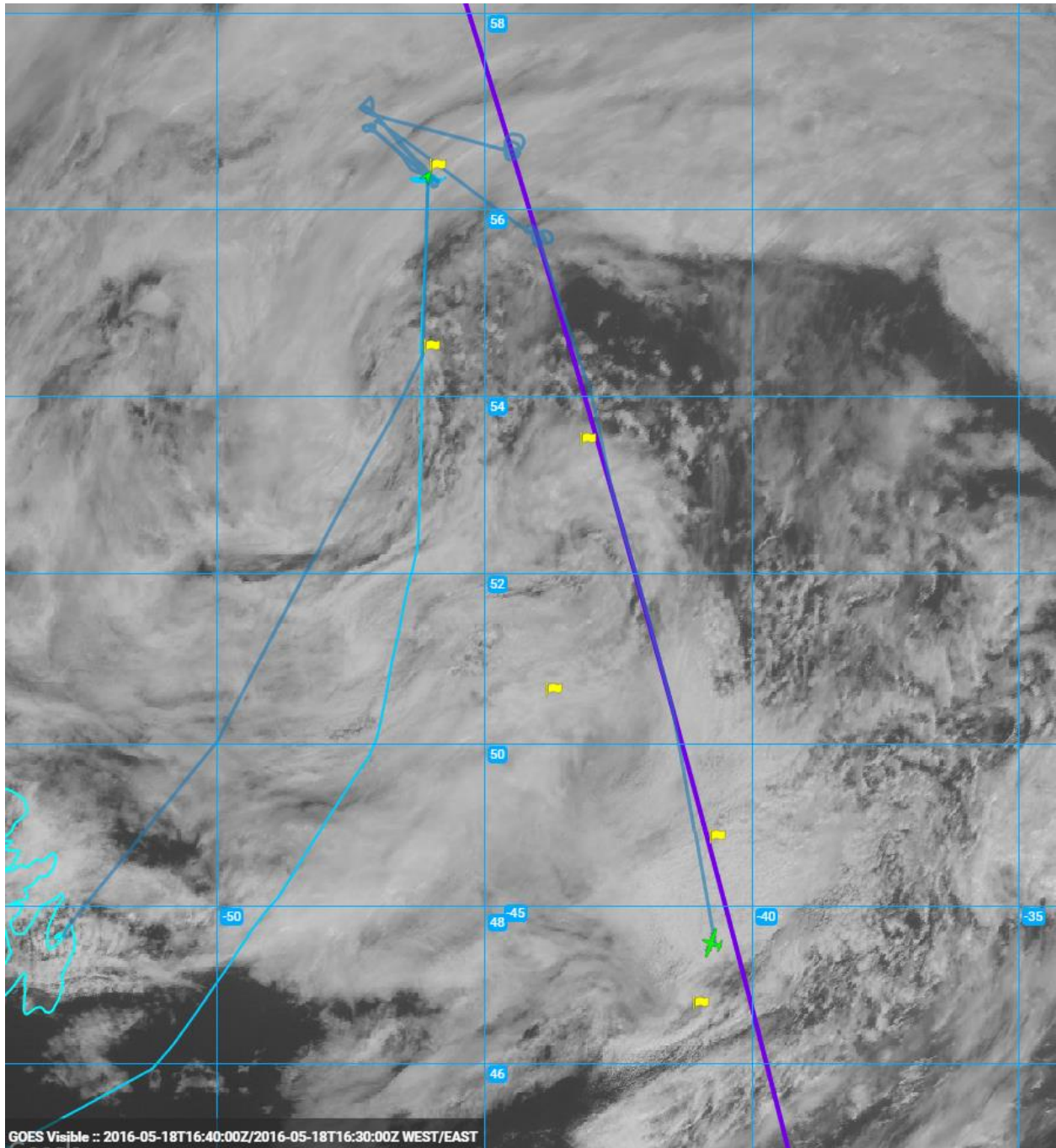


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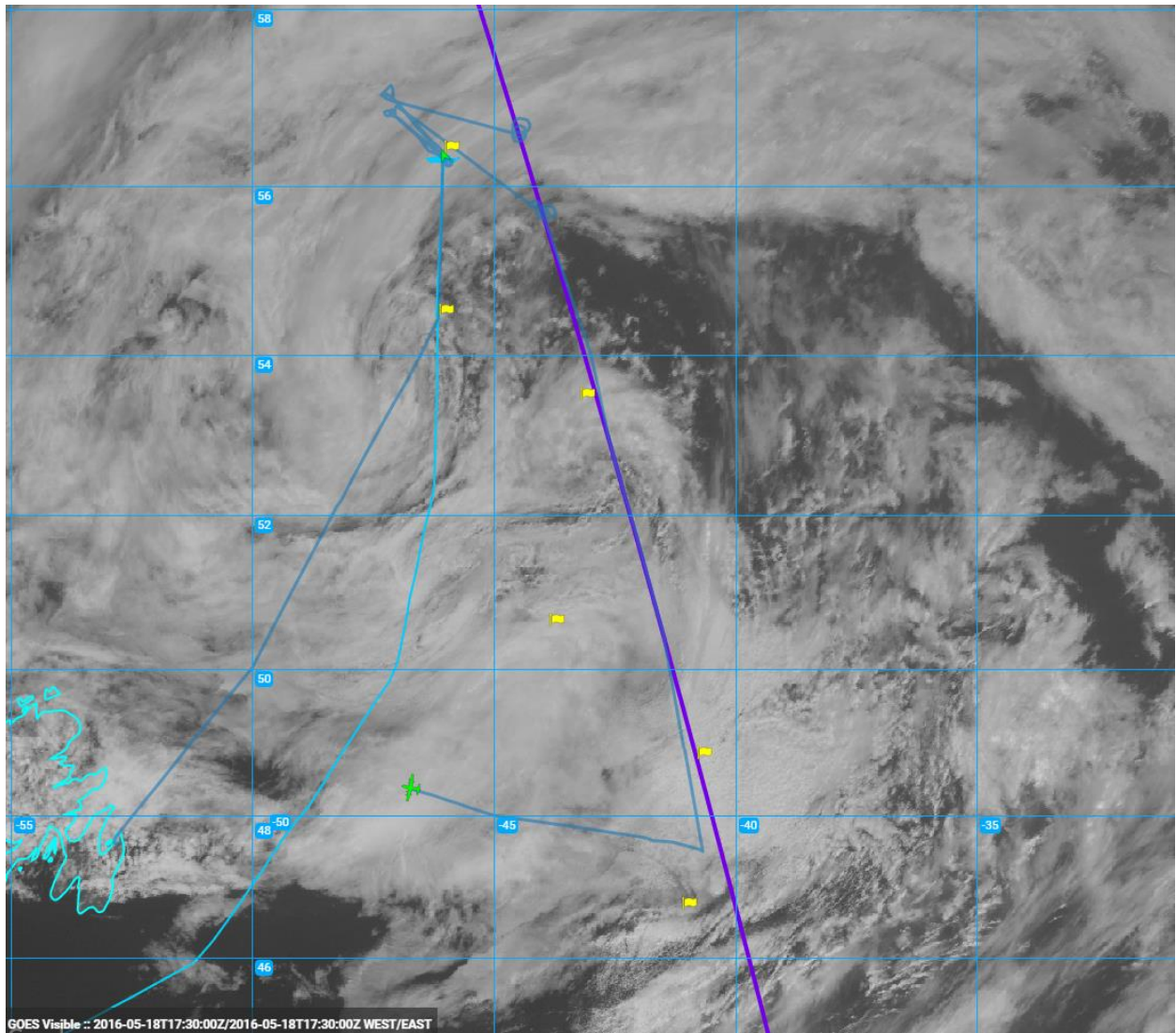




20160518\_1550Z\_CalipsoSurvey

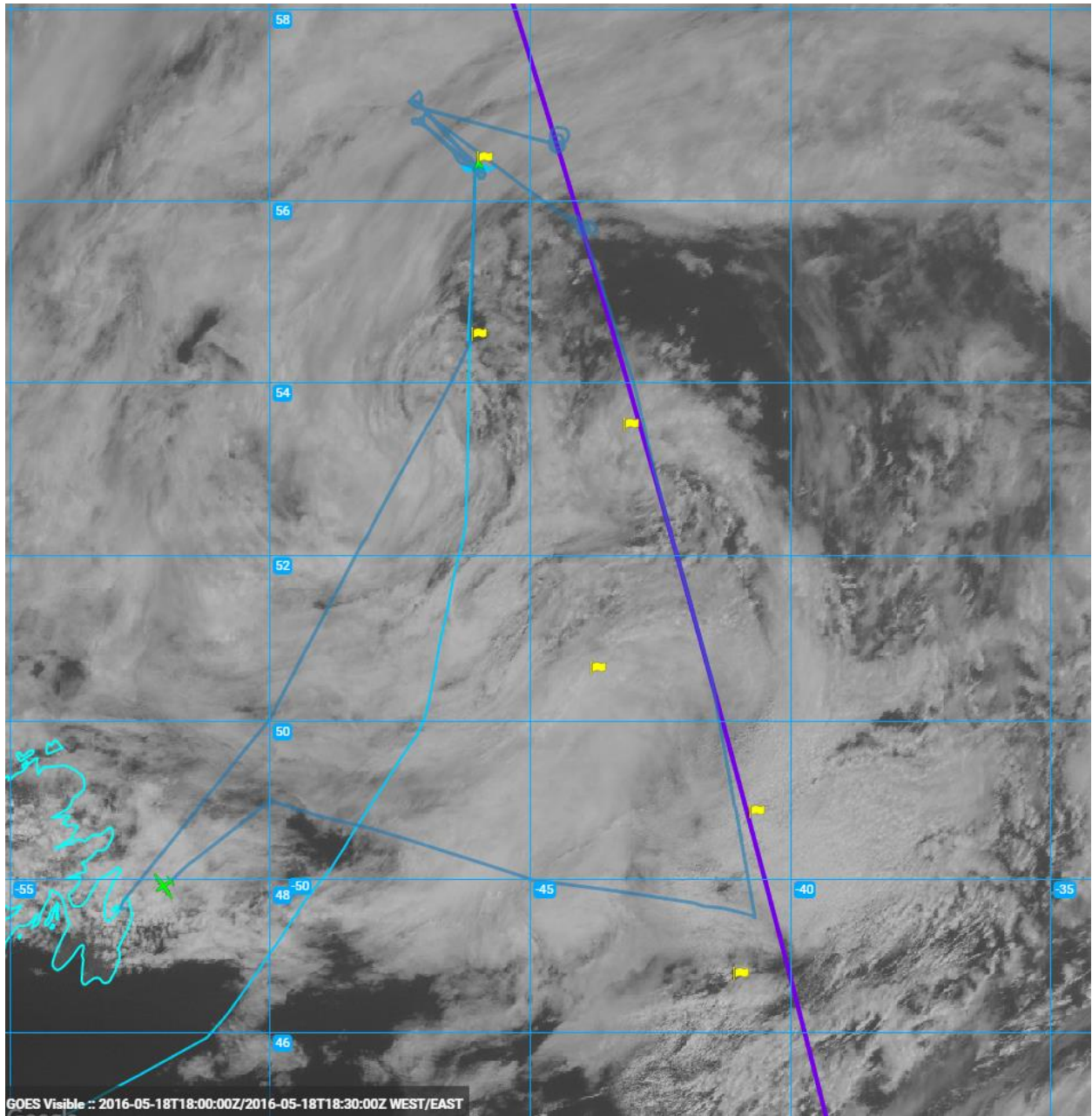


20160518\_1650Z\_RTb



20160518\_1745Z\_TransitBack





20160518\_1840Z\_TransitBack