

## **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)

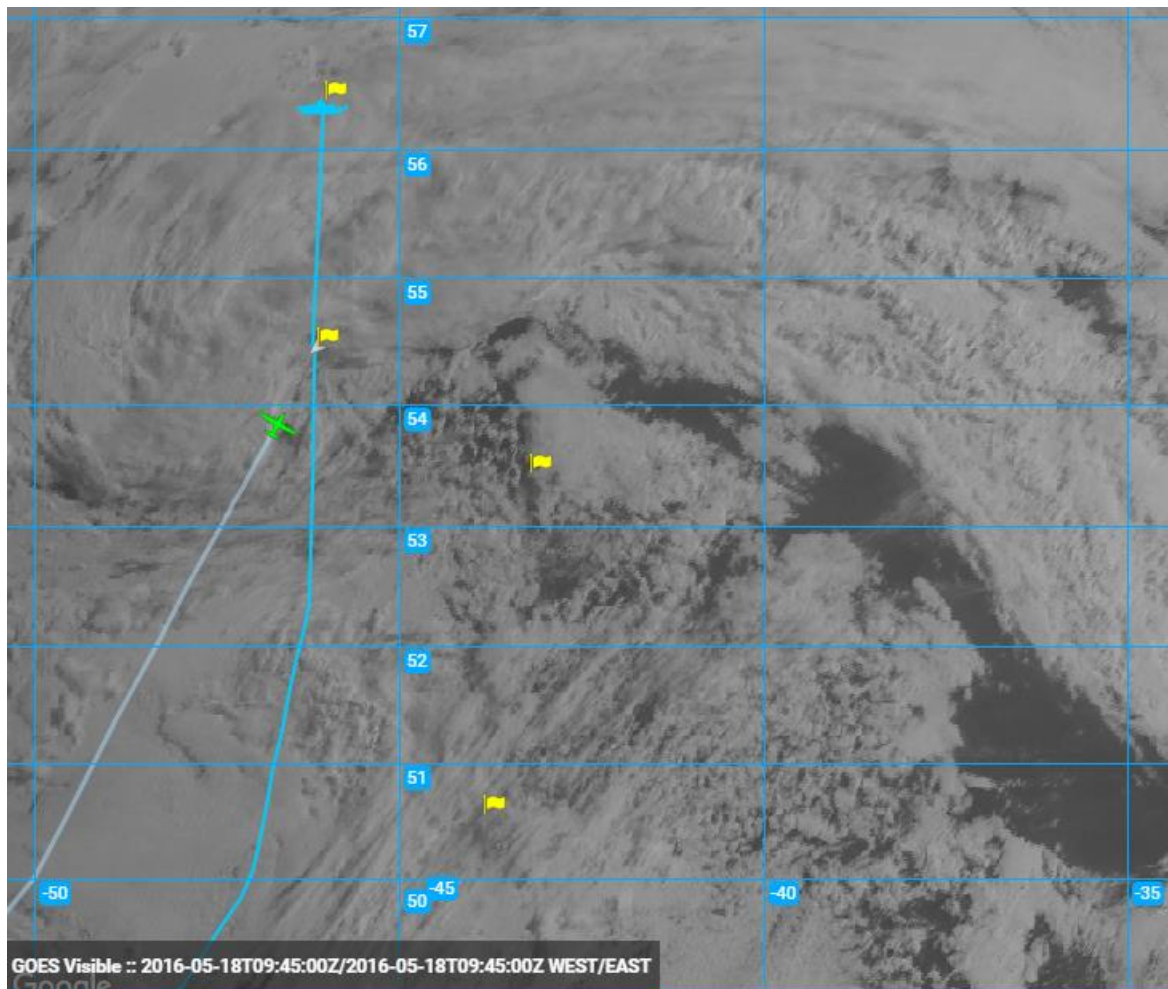
### **Flight Hour Summary:**

<b>Date</b>	<b>Flt #</b>	<b>Purpose of Flight</b>	<b>Duration</b>	<b>Running Total</b>	<b>Hours Remaining</b>
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:**

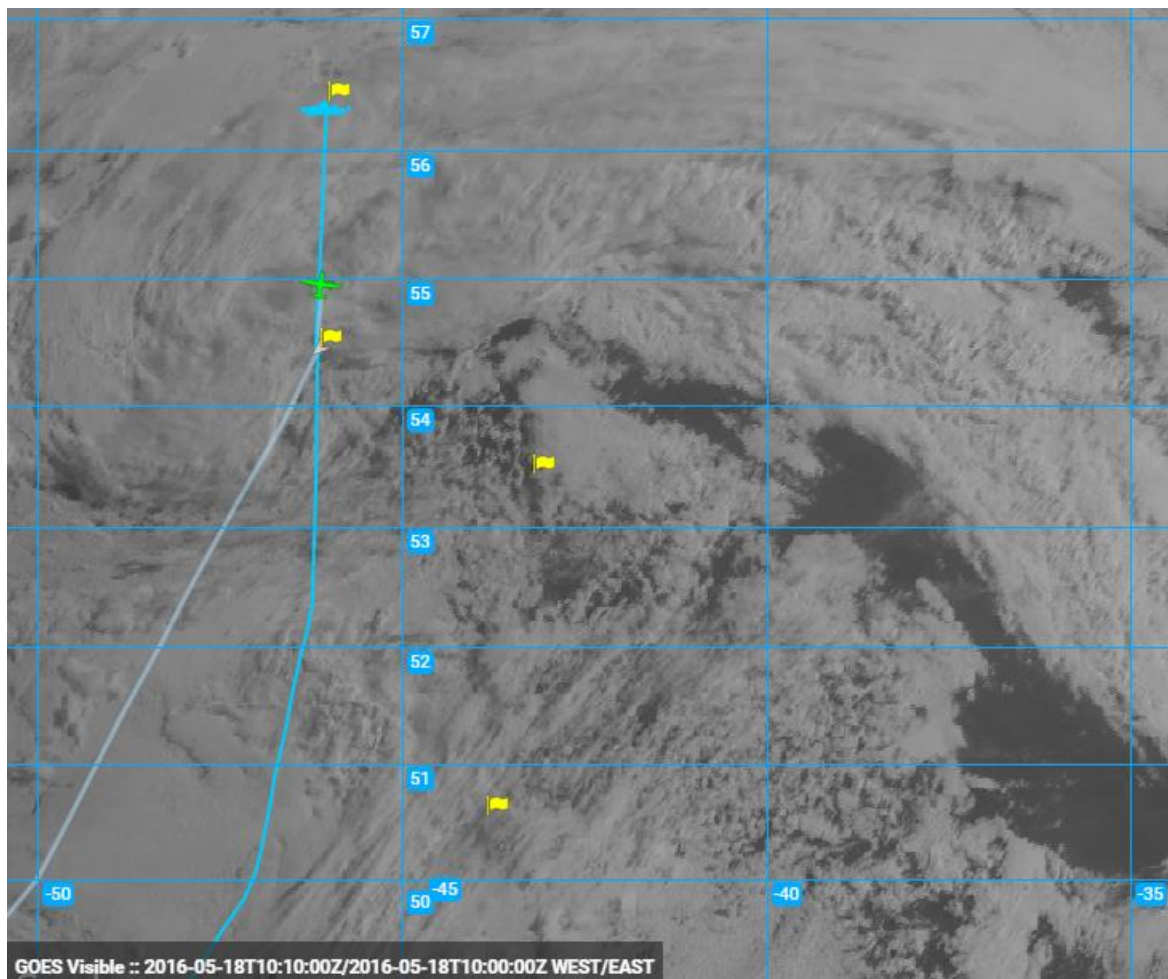
Real-time GOES imagery with overlaid ship, aircraft, and CALIPSO trajectories.

**DO NOT CITE**



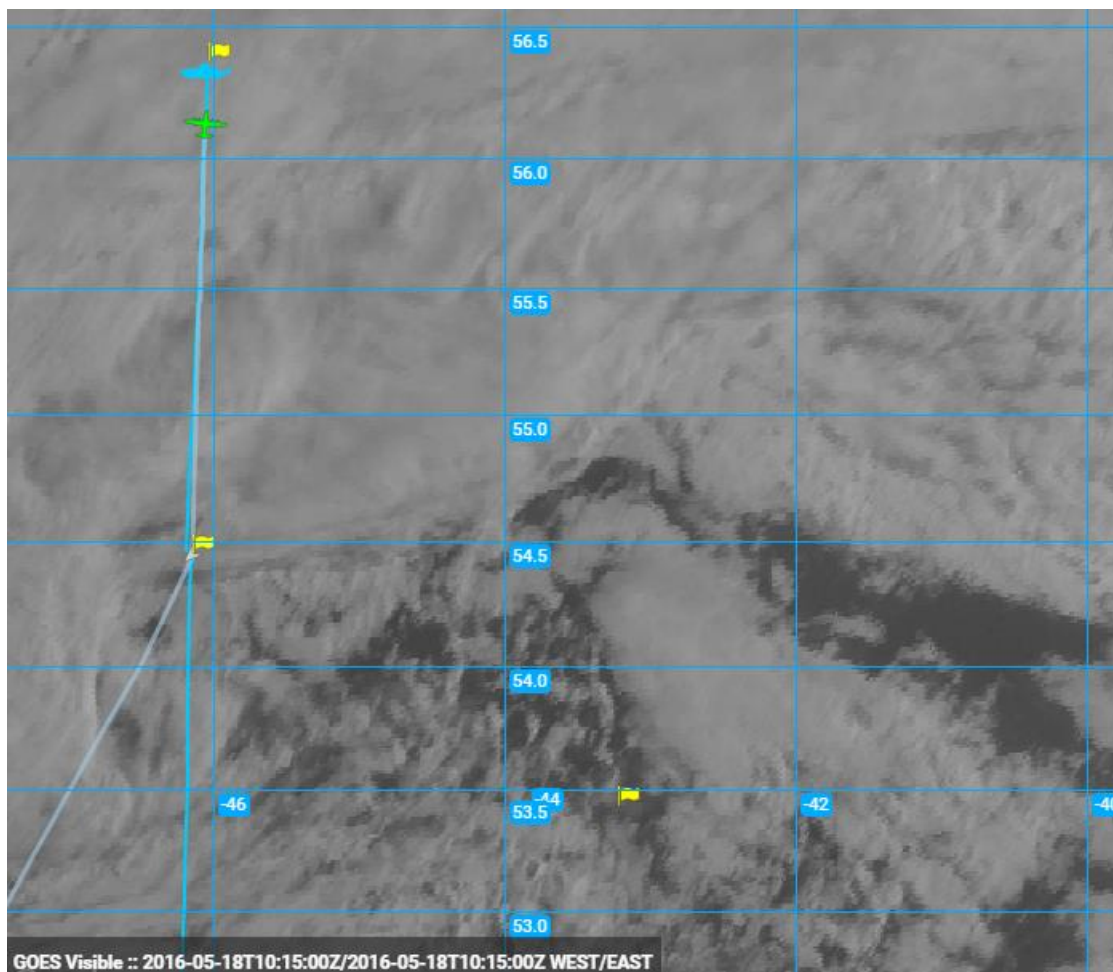
20160518\_1005Z\_VisibleGOES\_ApproachingS0

DO NOT CITE

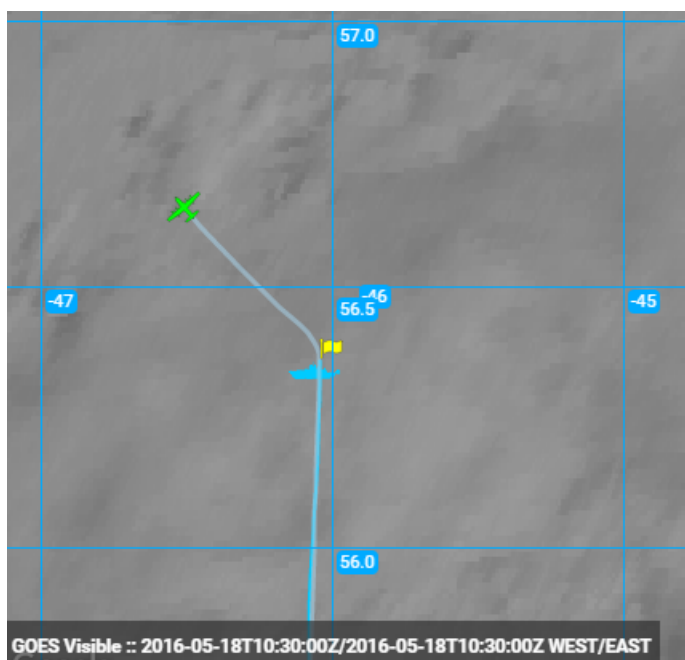


20160518\_1020Z\_VisibleGOES\_NorthOfS0

DO NOT CITE

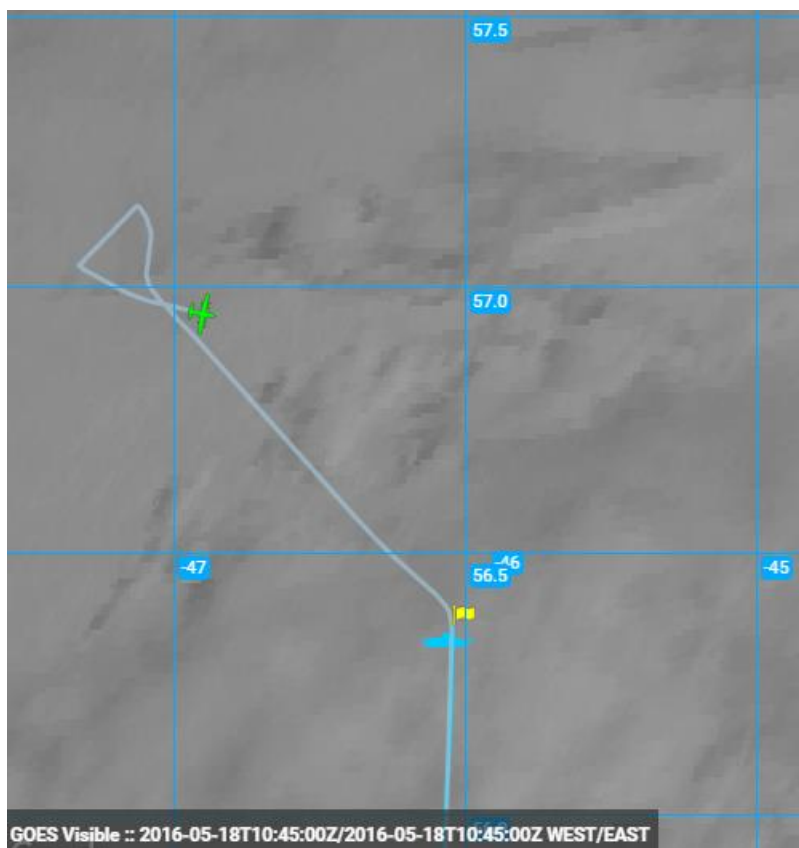


20160518\_1037Z\_ApproachingS1

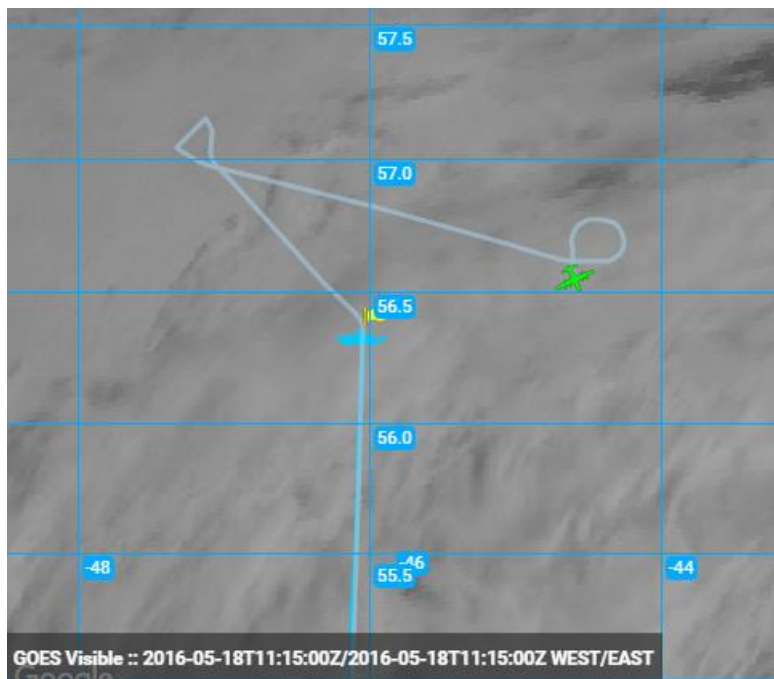


20160518\_1045Z\_UpwindBowtie

DO NOT CITE



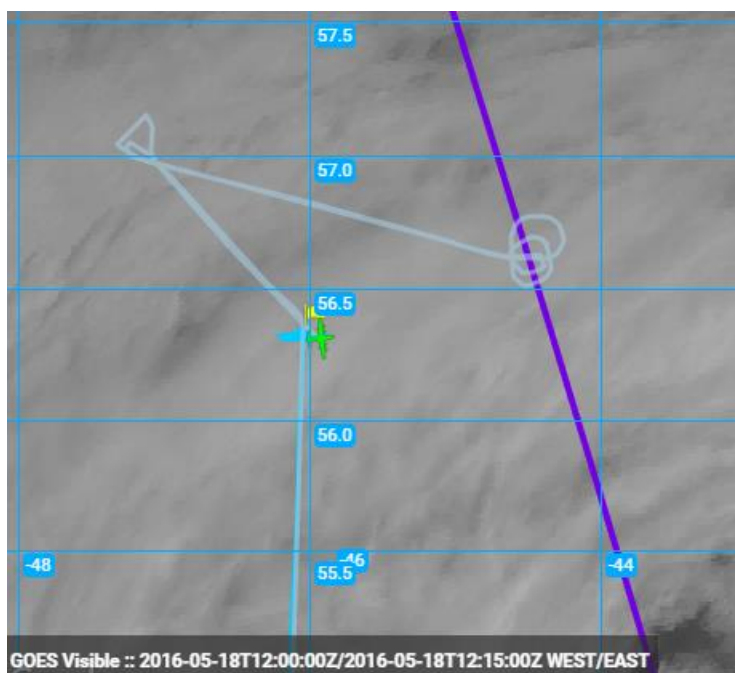
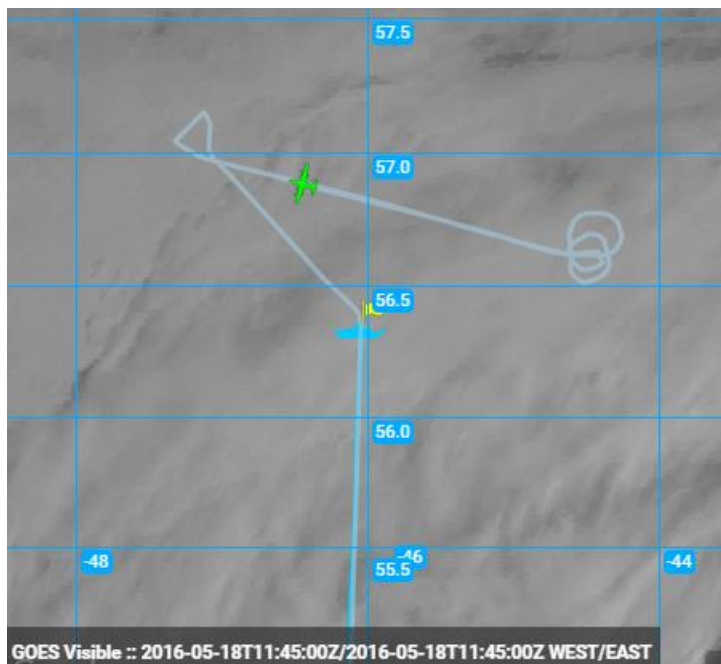
20160518\_1100Z\_UpwindBowtie



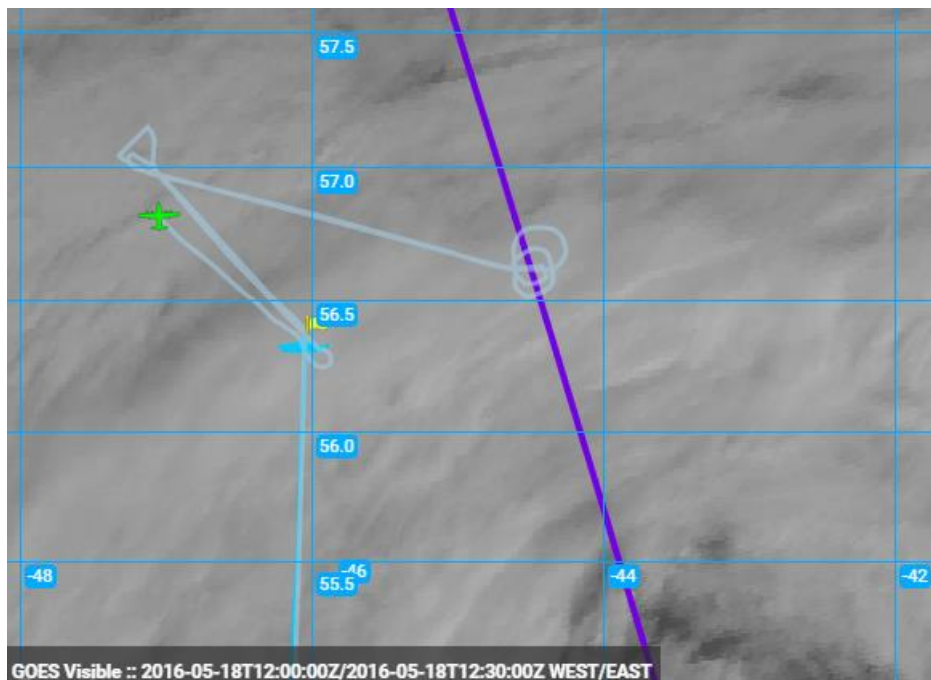
20160518\_1125Z\_UpwindBowtieSpiralDown

DO NOT CITE

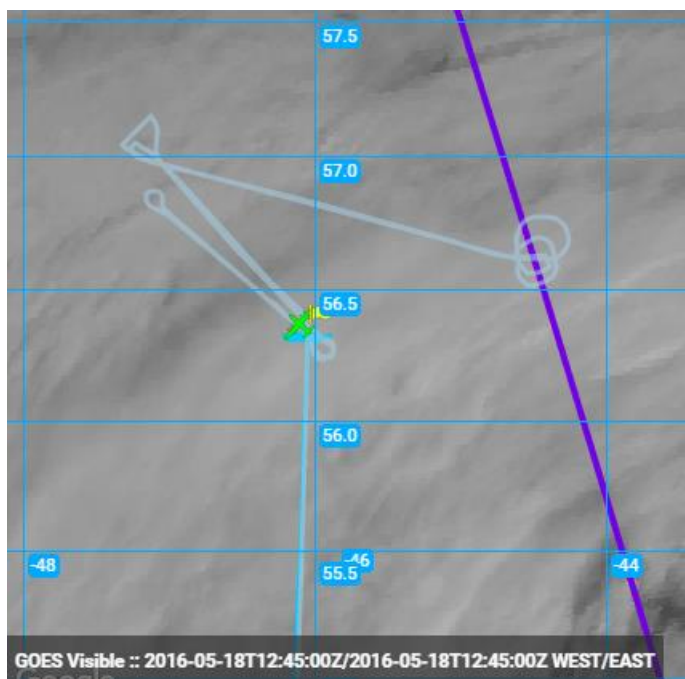




DO NOT CITE

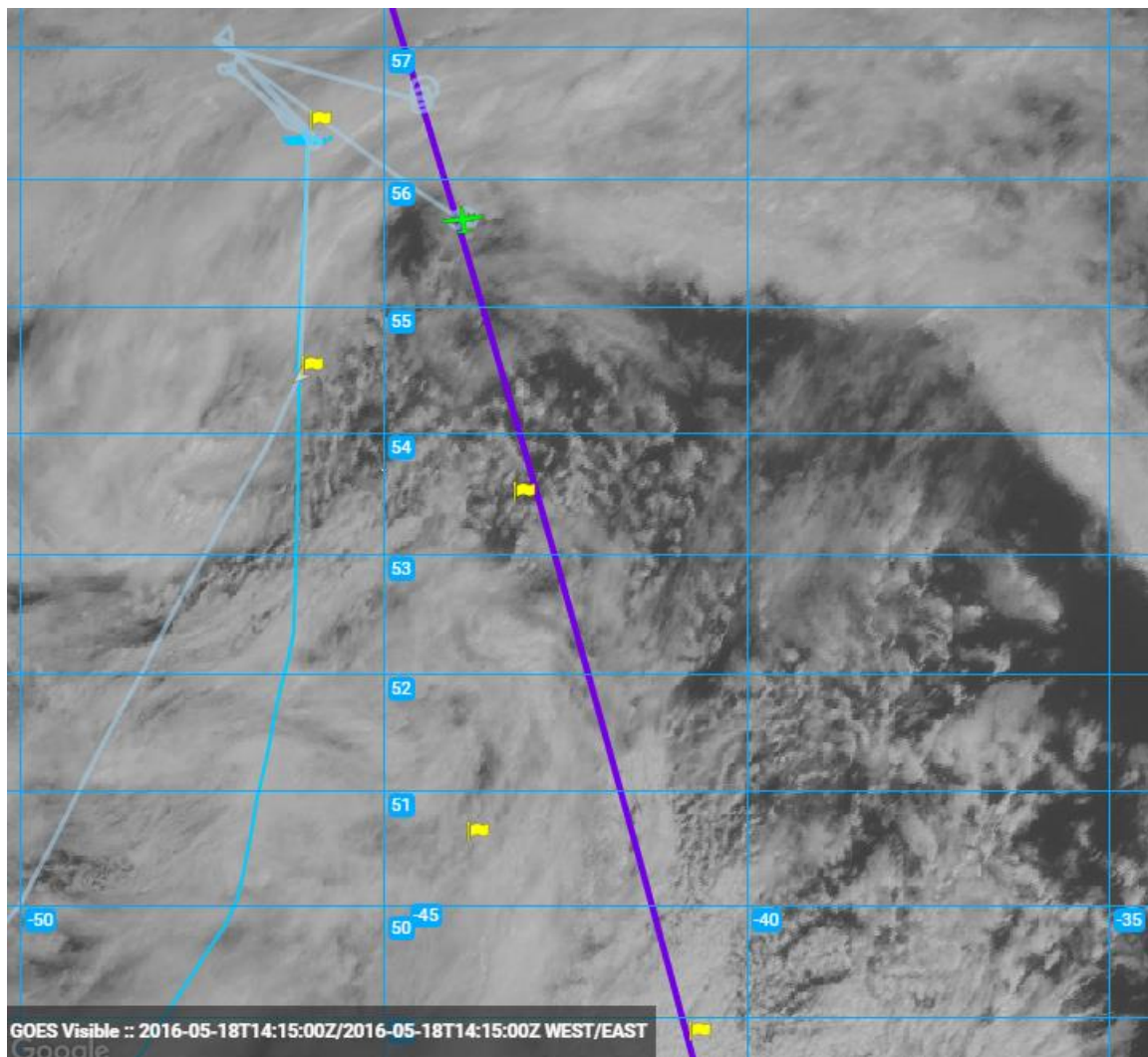


20160518\_1240Z\_CloudModule



20160518\_1300Z\_CloudModule

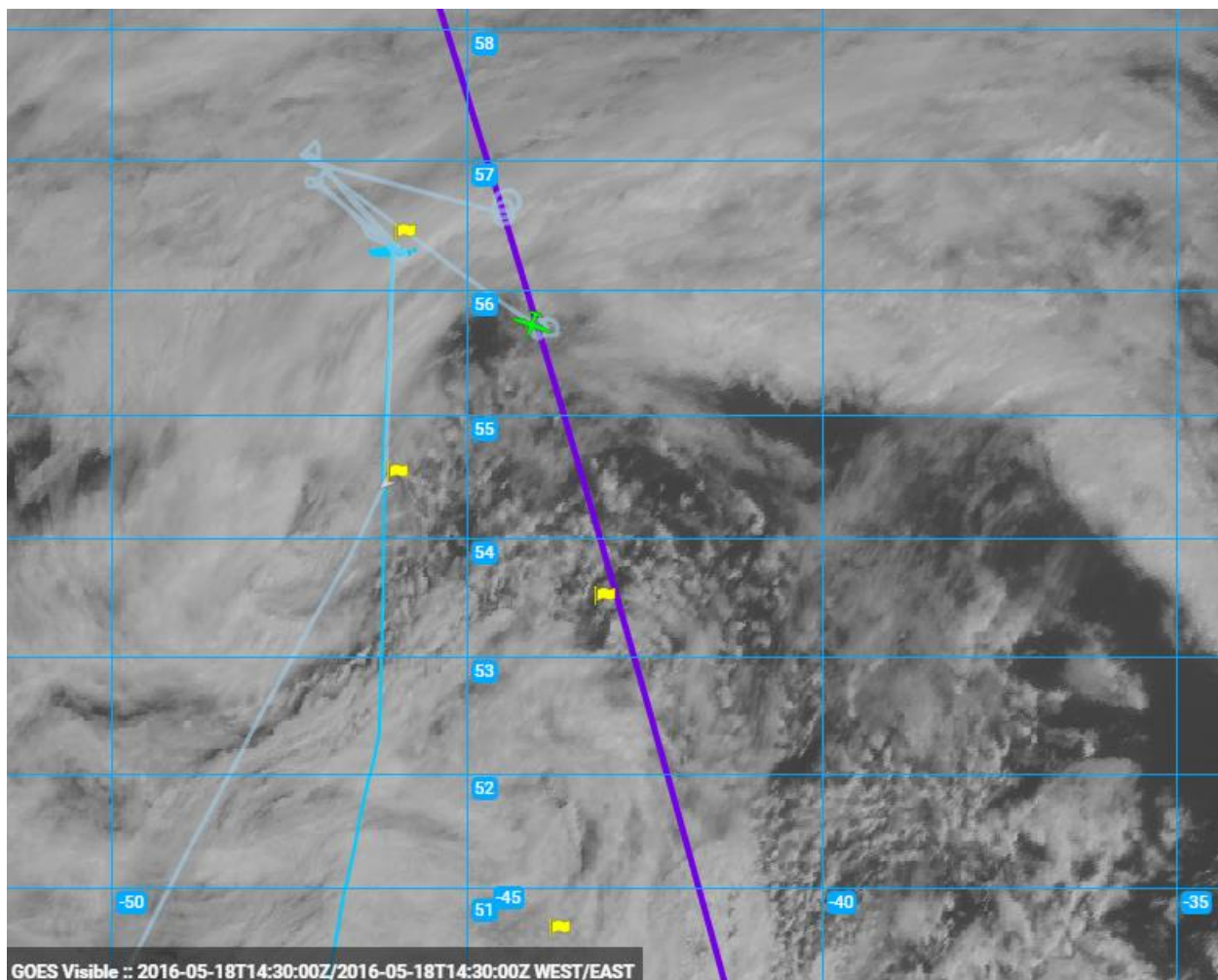
DO NOT CITE



20160518\_1427Z\_SpiralDownAtC2

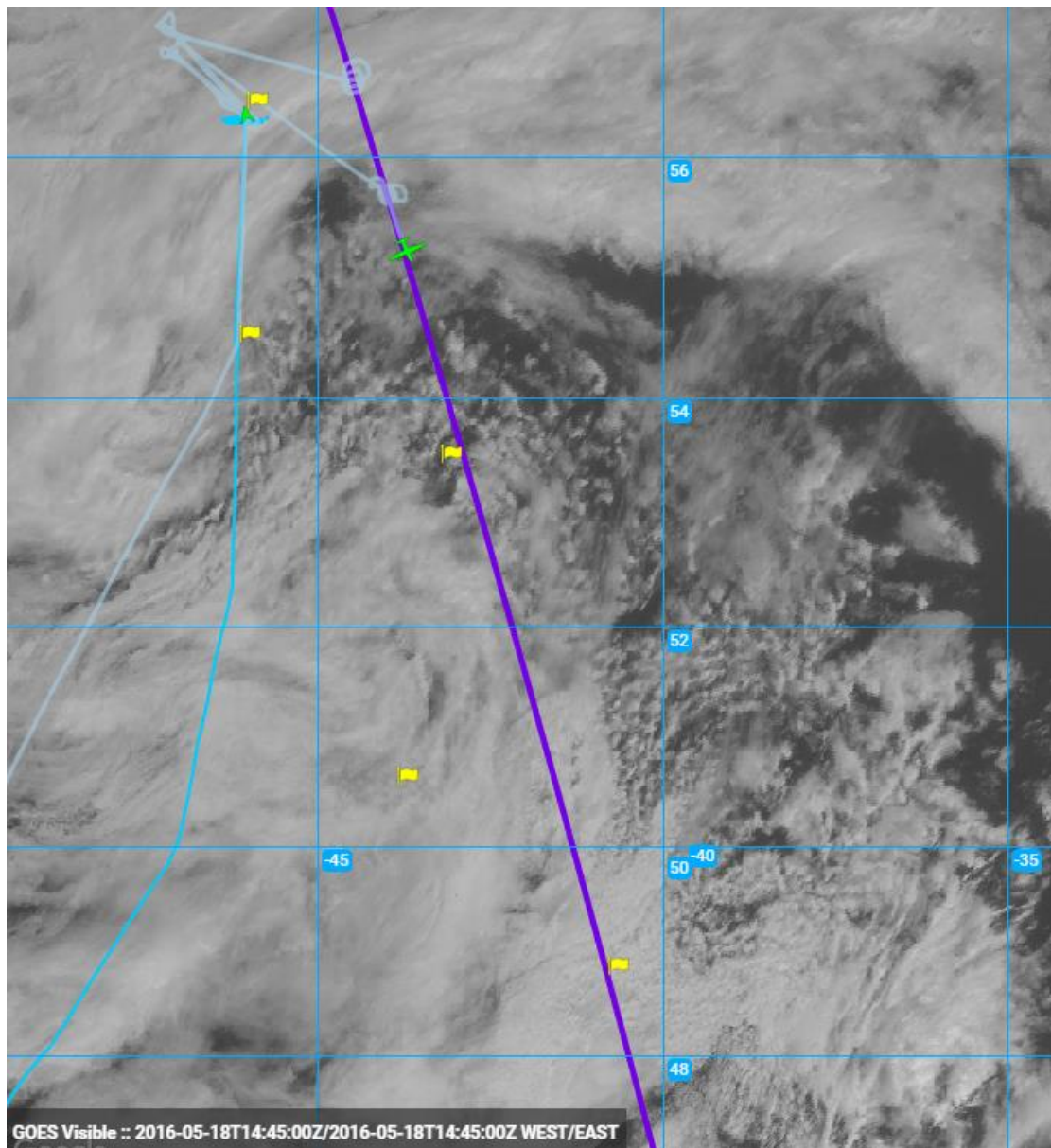
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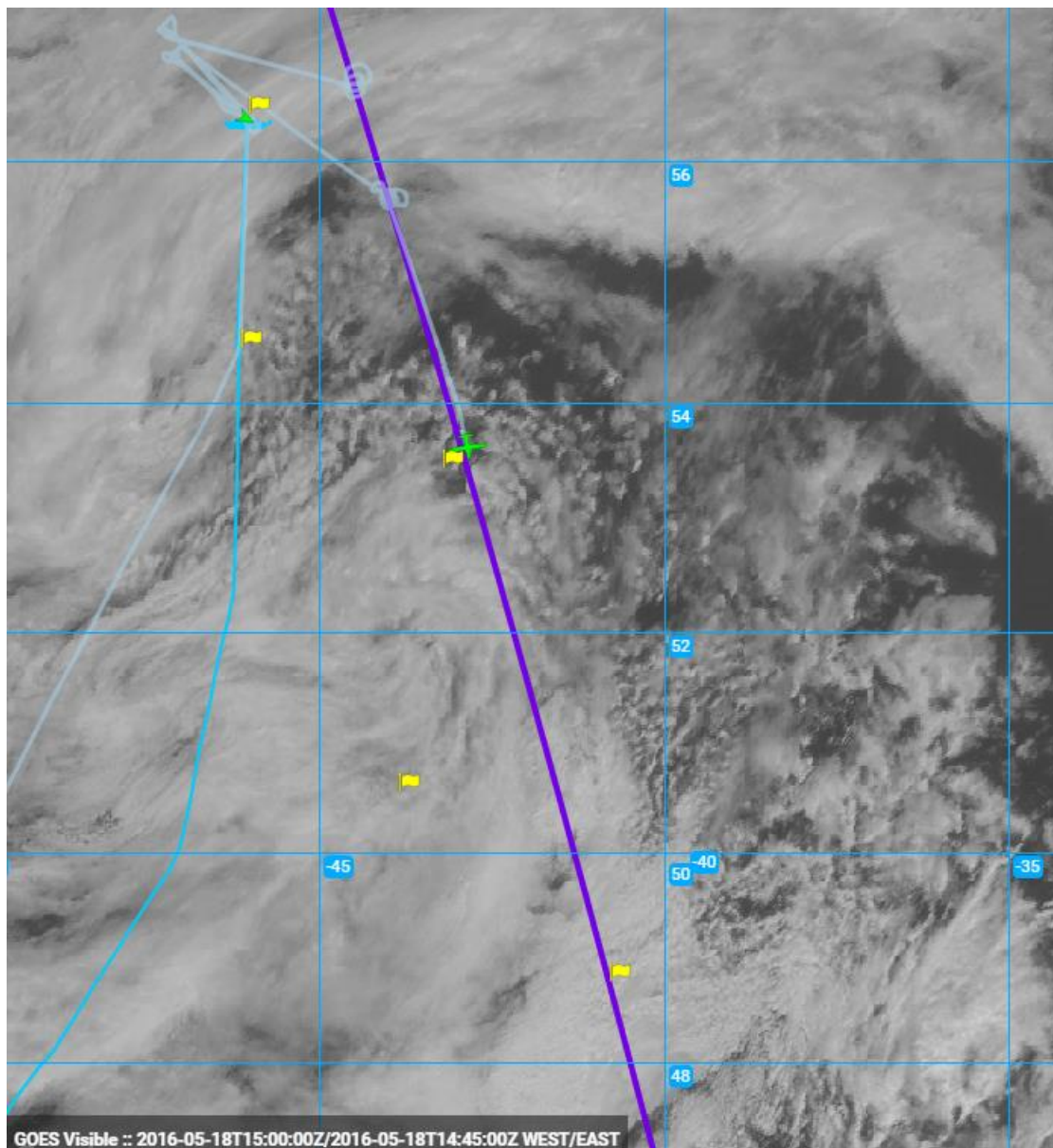
20160518\_1444Z\_SpiralUpAtC2

DO NOT CITE



20160518\_1500Z\_CalipsoSurvey

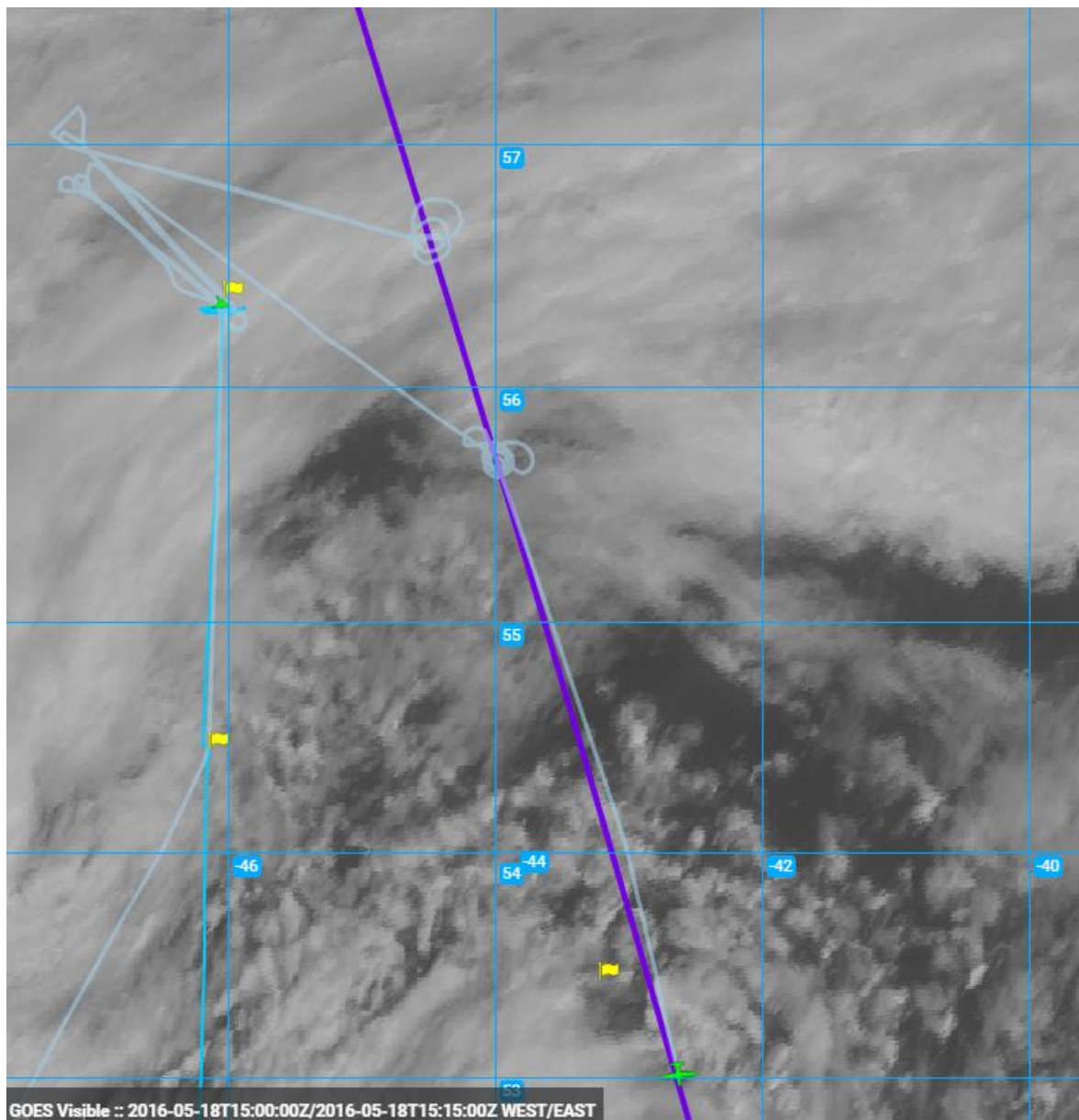
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20160518\_1520Z\_CalipsoSurvey

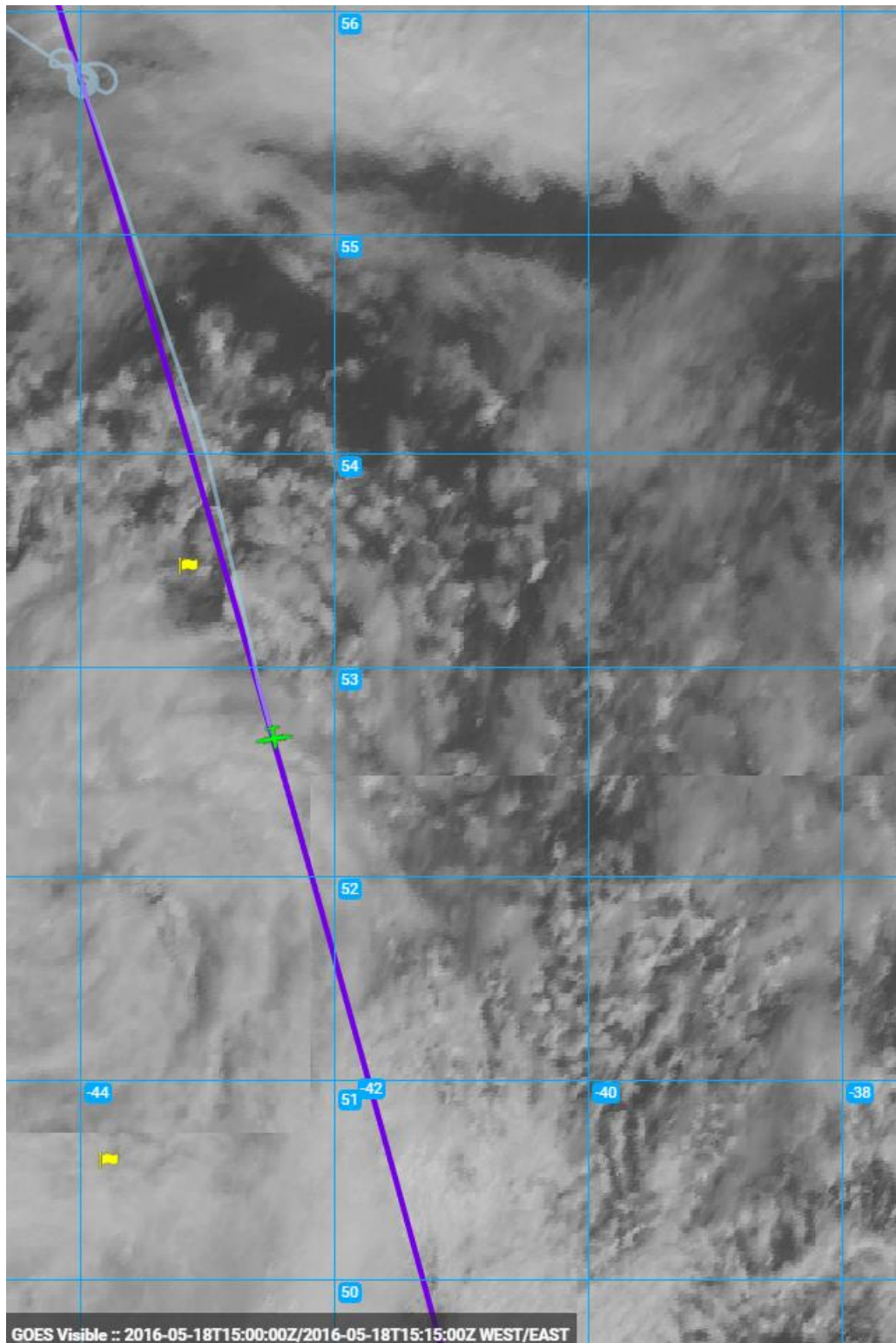
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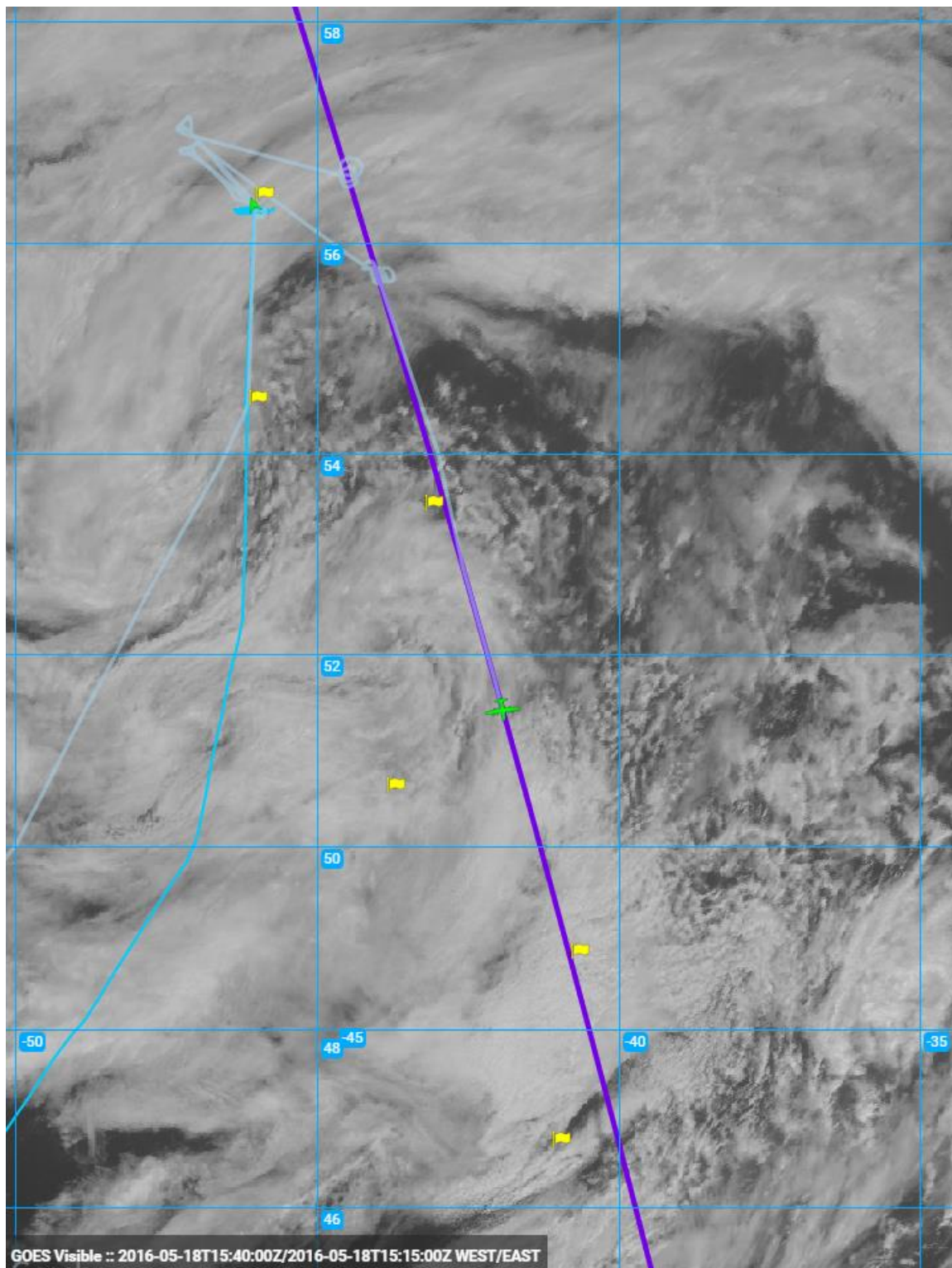
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20160518\_1535Z\_CalipsoSurvey

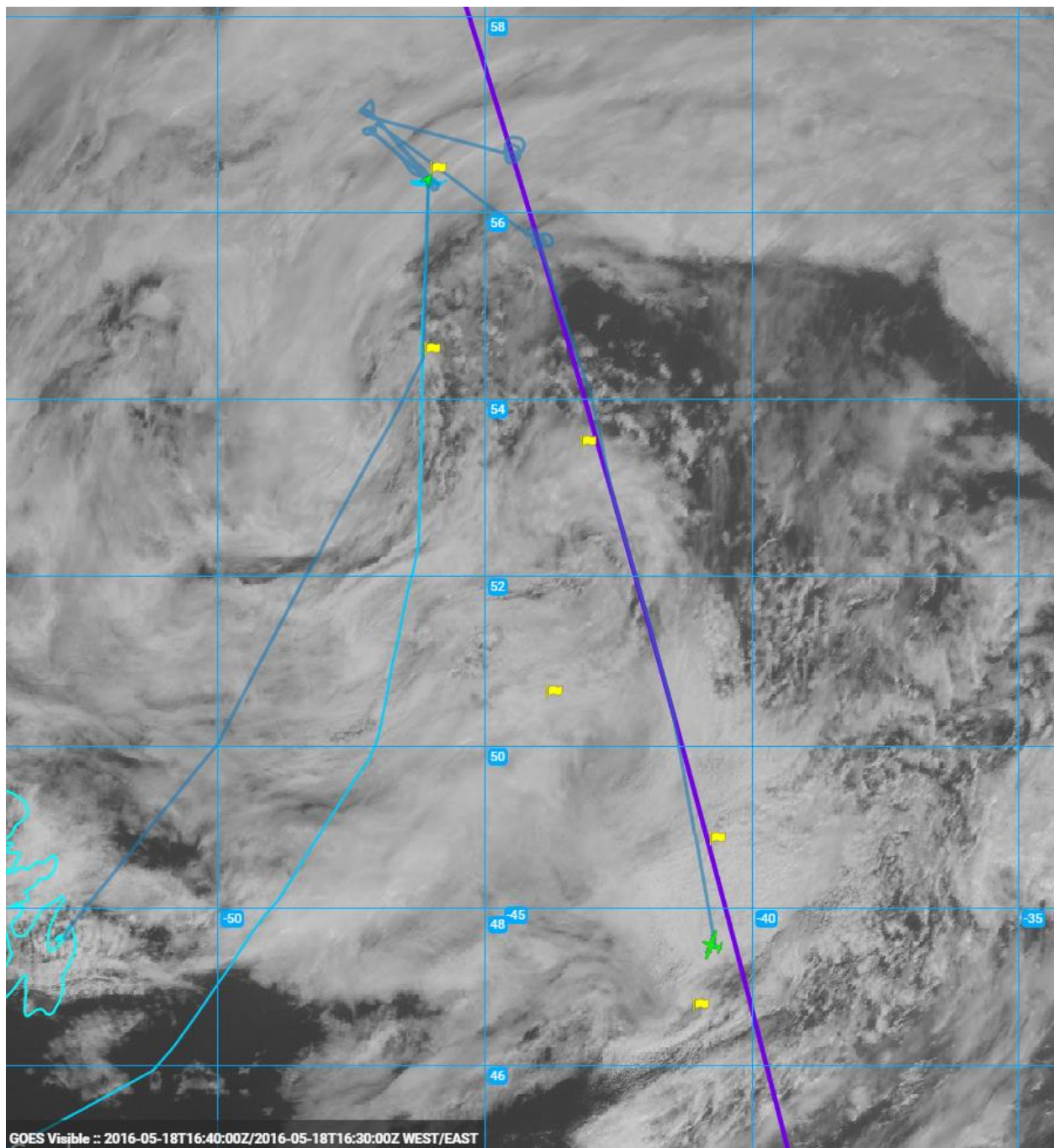
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20160518\_1550Z\_CalipsoSurvey

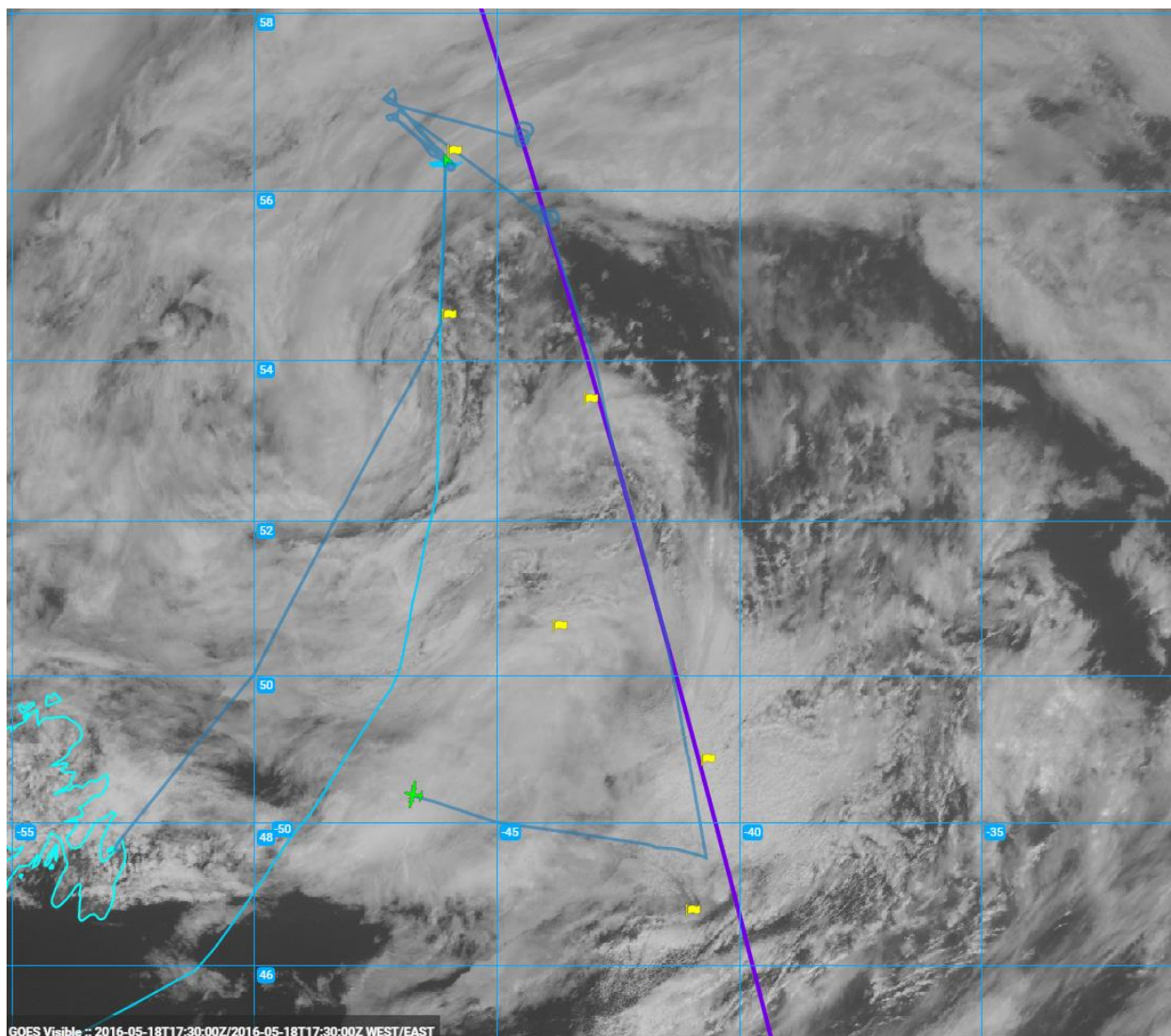
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20160518\_1650Z\_RTb

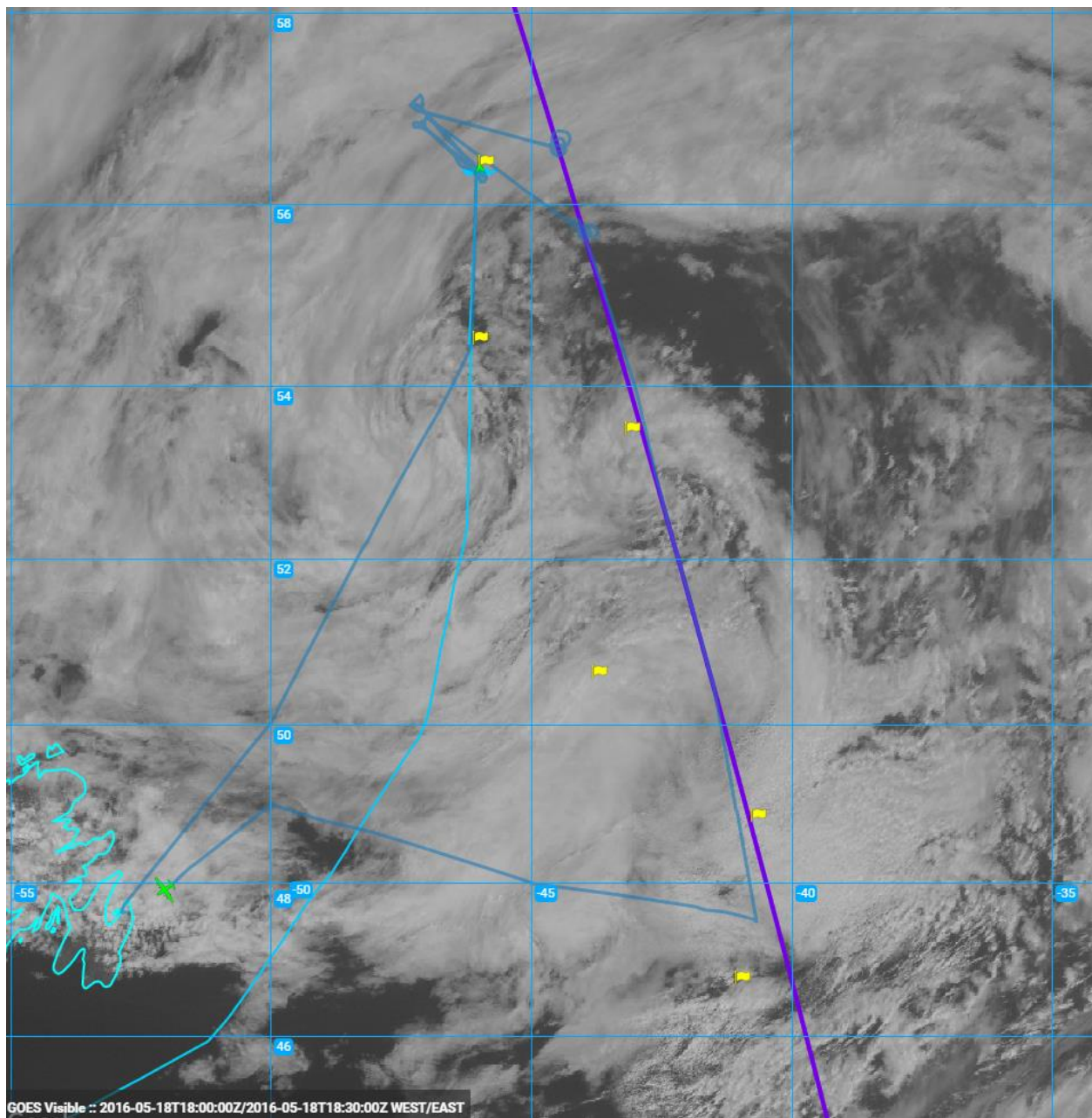
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20160518\_1745Z\_TransitBack

DO NOT CITE



20160518\_1840Z\_TransitBack

DO NOT CITE