

## **NAAMES Mission C-130 Flight Report**

**From: CYYT**

**To: CYYT**

**Start: 05/30/16 11:20Z**

**Finish: 05/30/16 21:55Z**

**Flight Time: 10.6 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\\_30\\_16](https://airbornescience.nasa.gov/flight_reports/C-130H_Hercules_439_05_30_16)

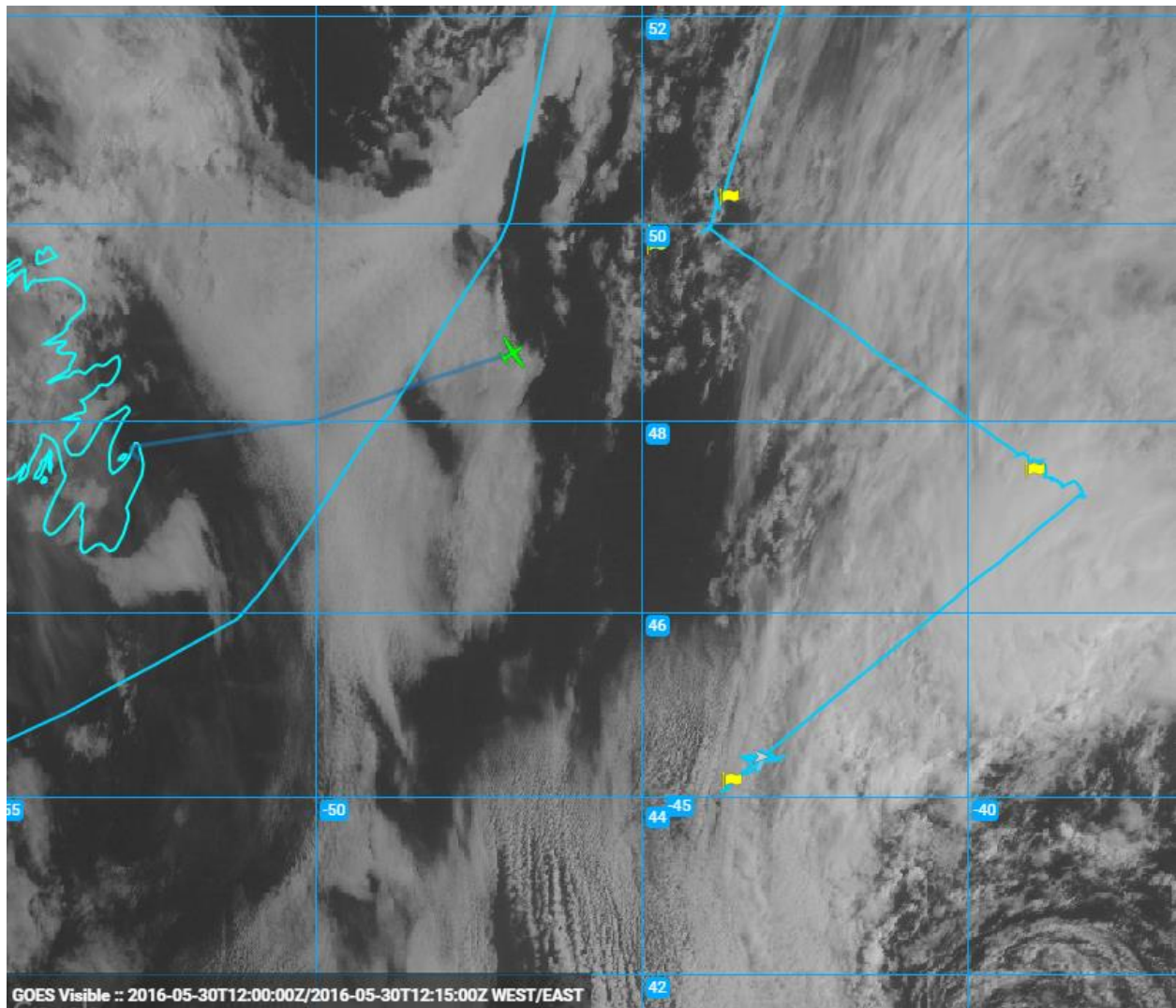
### **Flight Hour Summary:**

<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
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
05/29/16	NAAMES Science Flight #7	Science	10.3	78.3	-8.3
05/30/16	NAAMES Science Flight #8	Science	10.6	88.9	-18.9

### **Comments:**

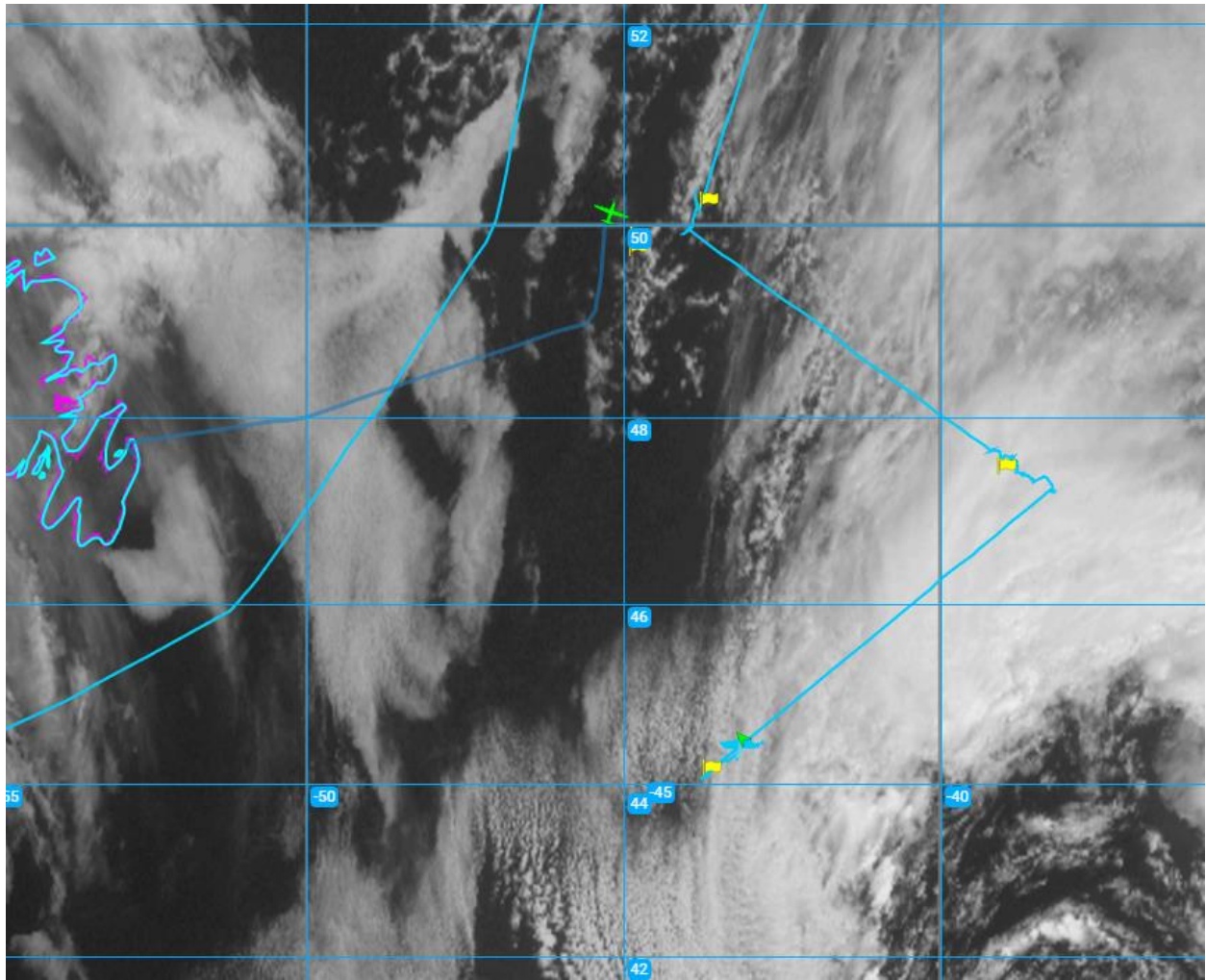
Real-time GOES imagery with overlaid ship, aircraft, and CALIPSO trajectories.

**DO NOT CITE**



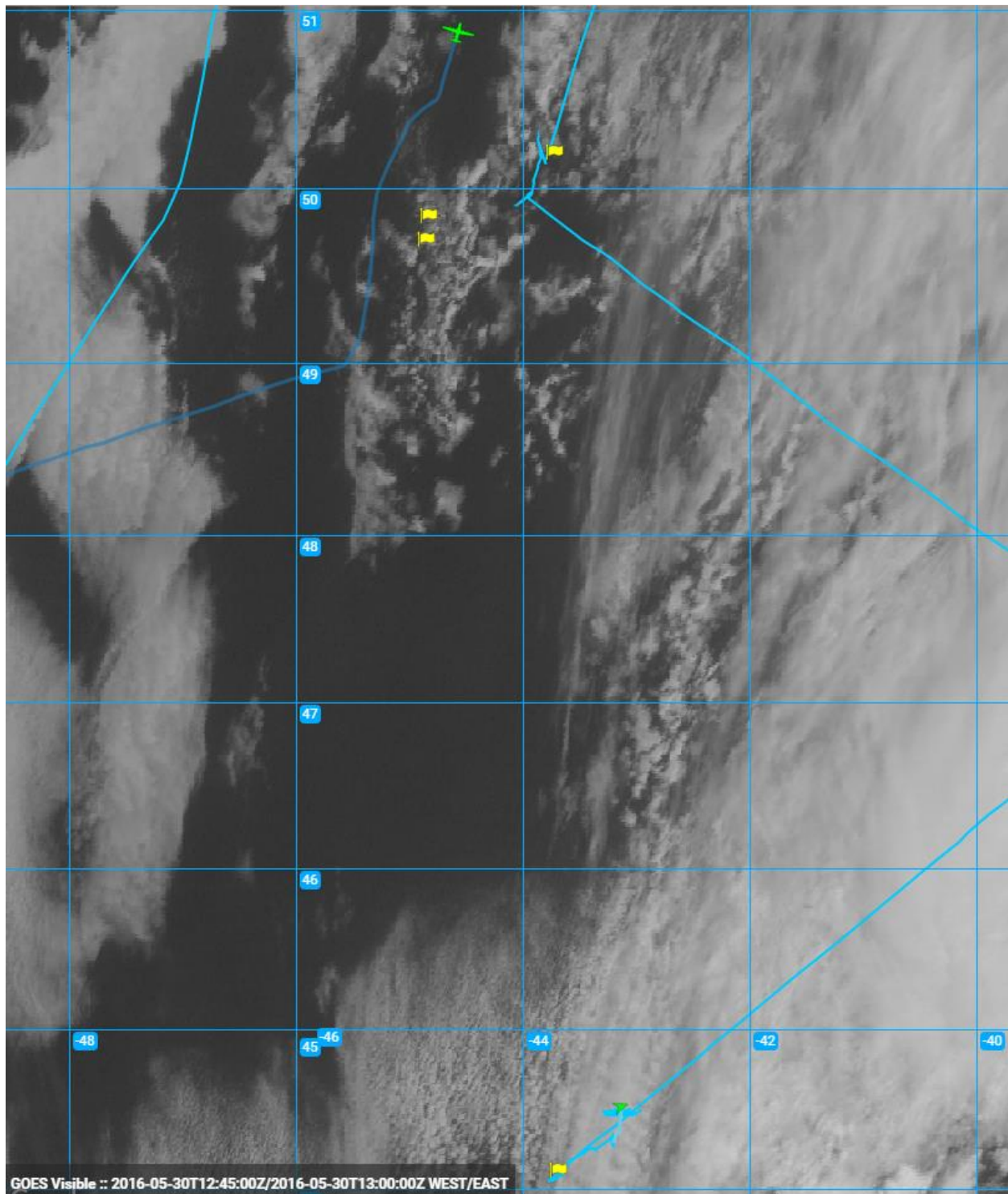
1230Z\_HeadingOutToTheBox

DO NOT CITE



1300Z\_LiningUpForHighAltSurvey

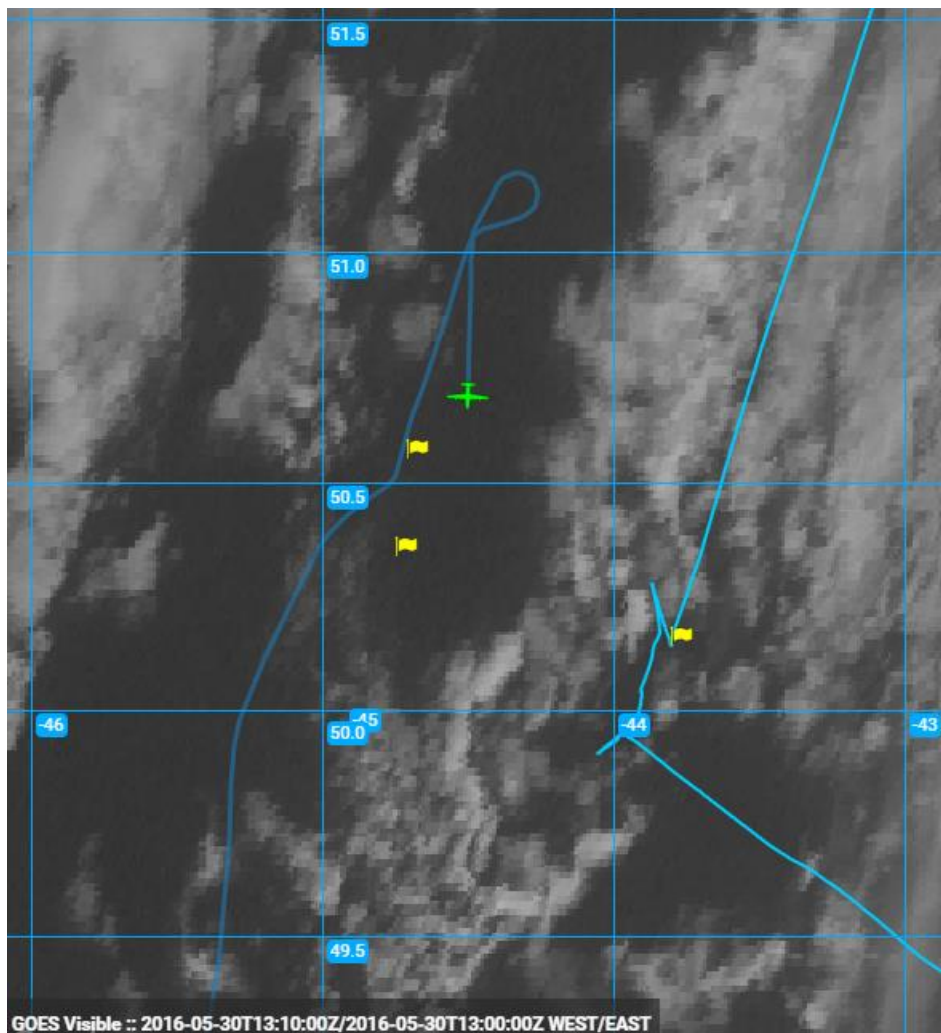
DO NOT CITE



1310Z\_LiningUpForHighAltSurvey

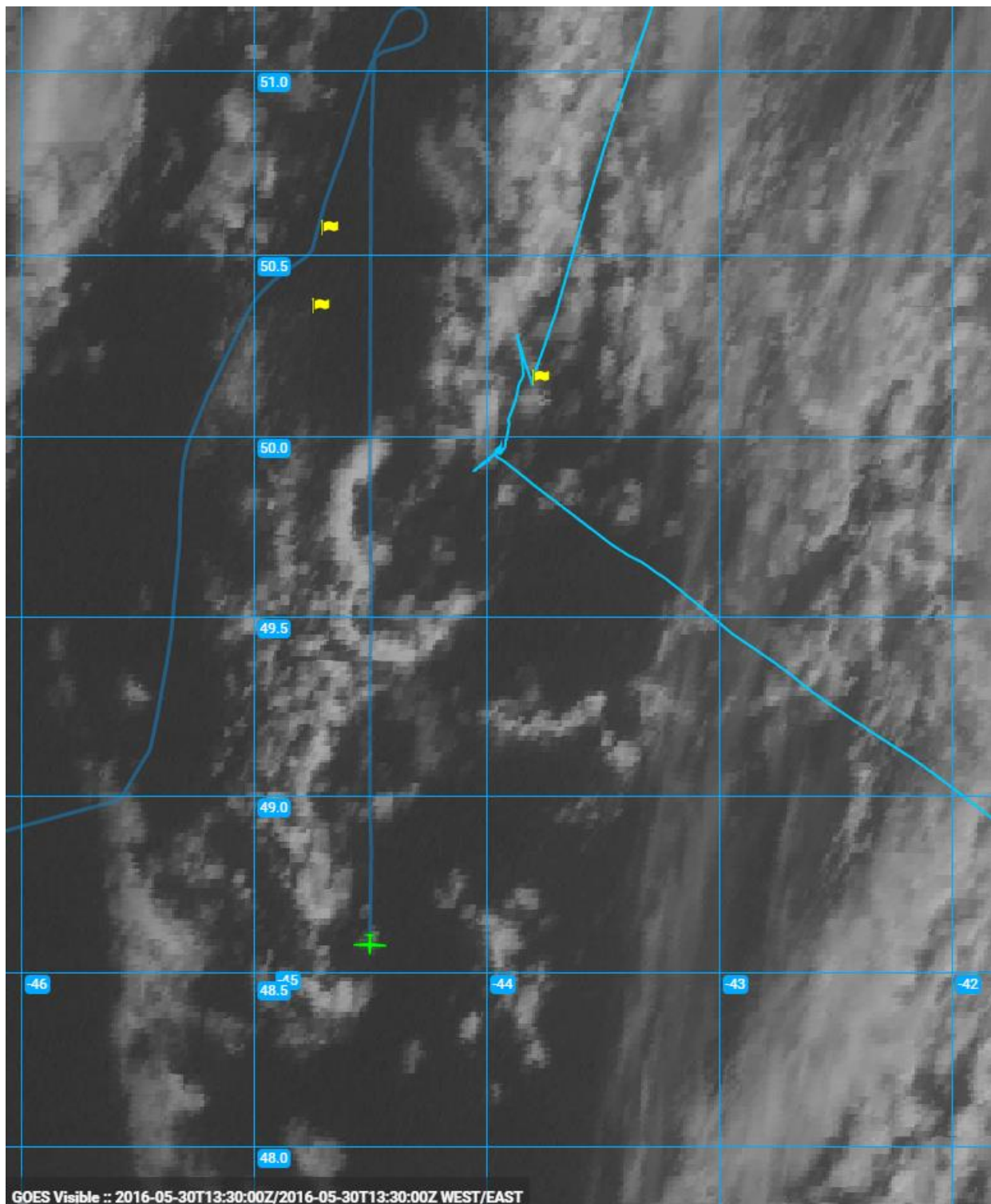
DO NOT CITE





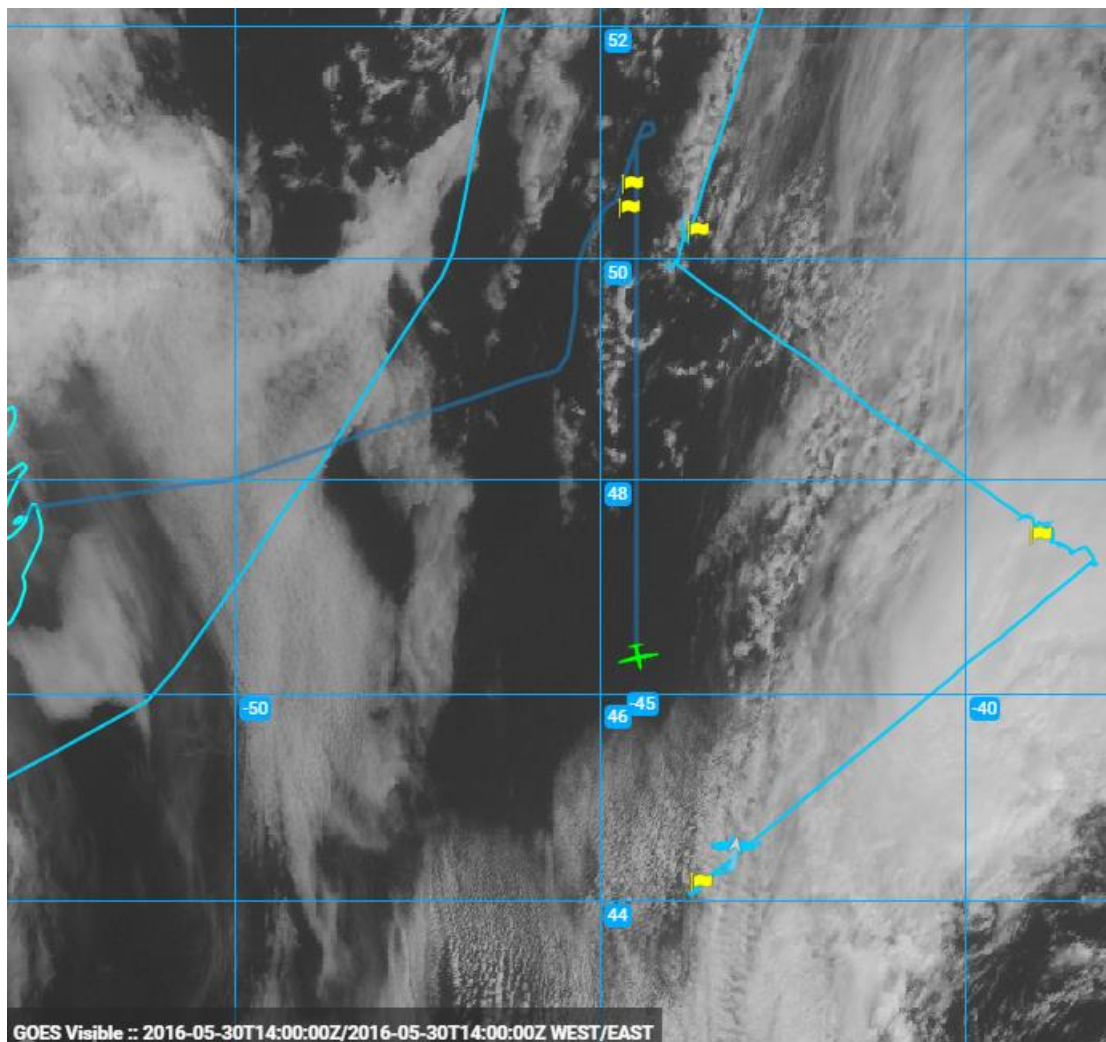
1320Z\_HighAlt\_N-S\_Survey

DO NOT CITE



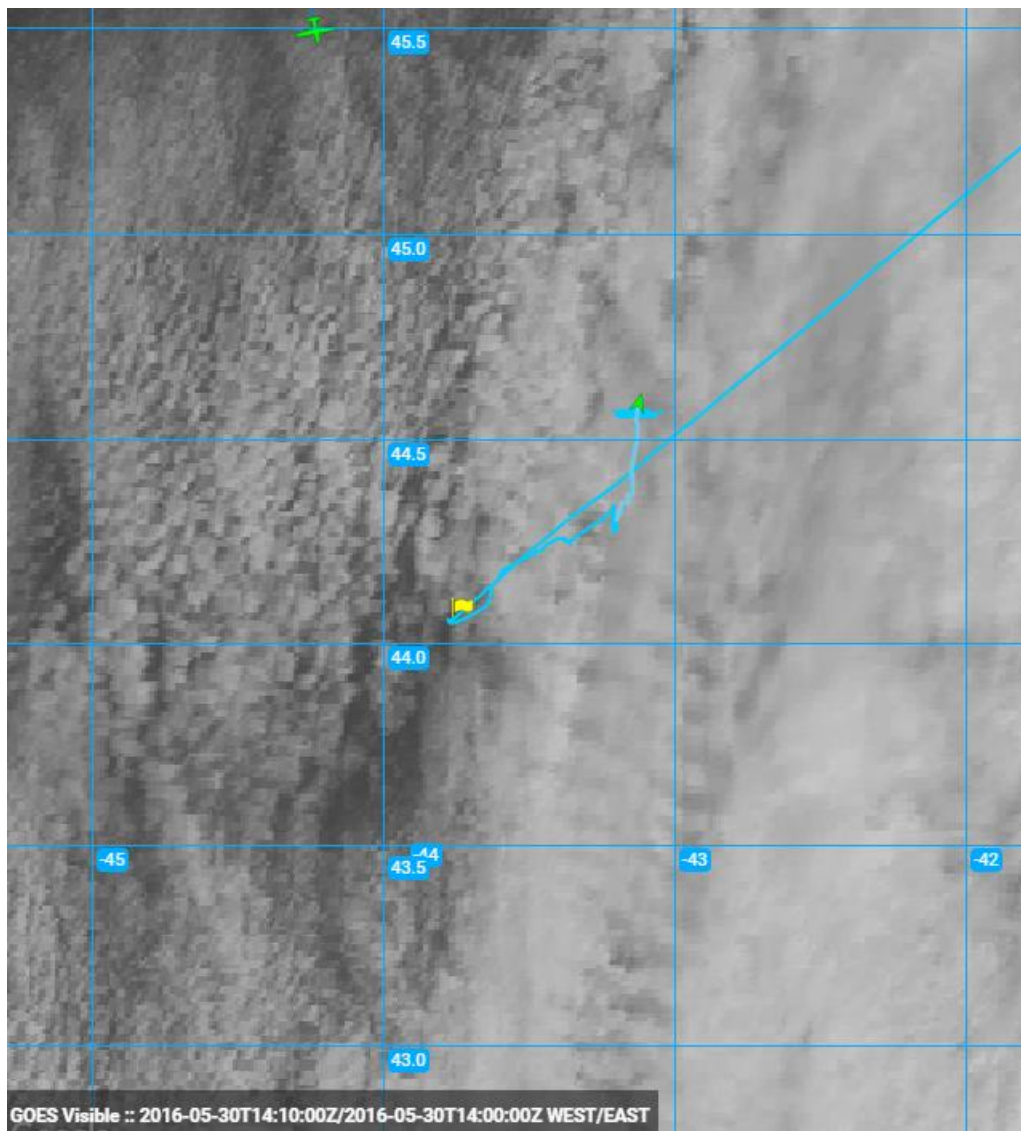
1350Z\_HighAlt\_N-S\_Survey

DO NOT CITE



1415Z\_HighAlt\_N-S\_Survey

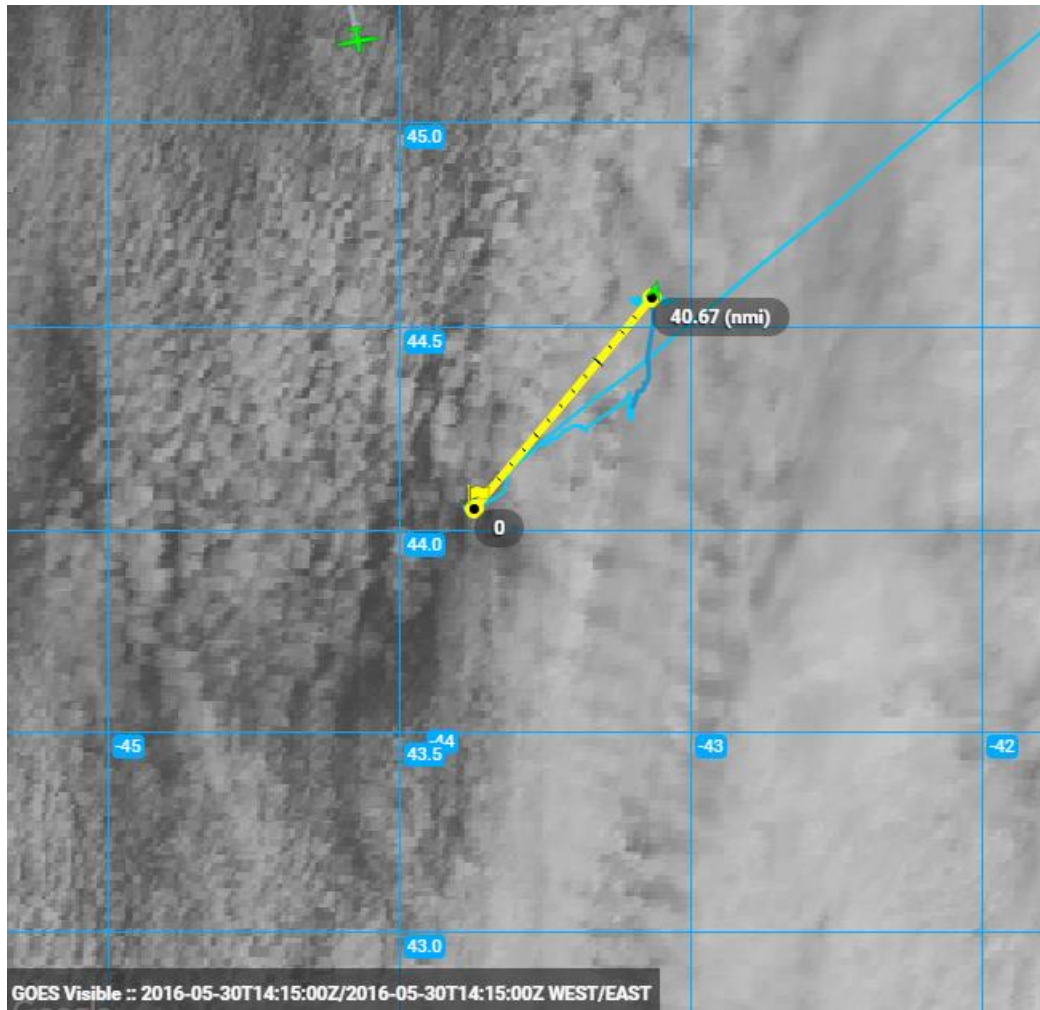
DO NOT CITE



1425Z\_ApproachingZpattern

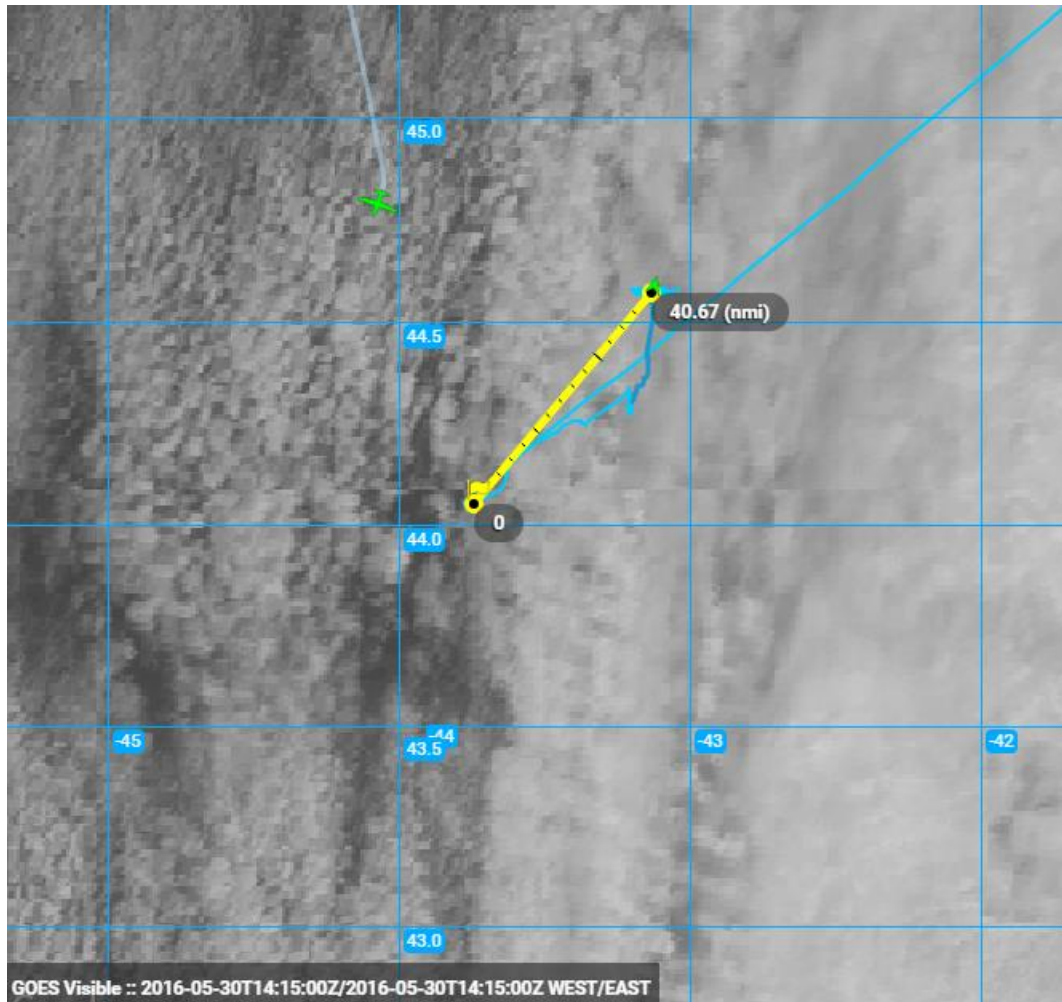
DO NOT CITE





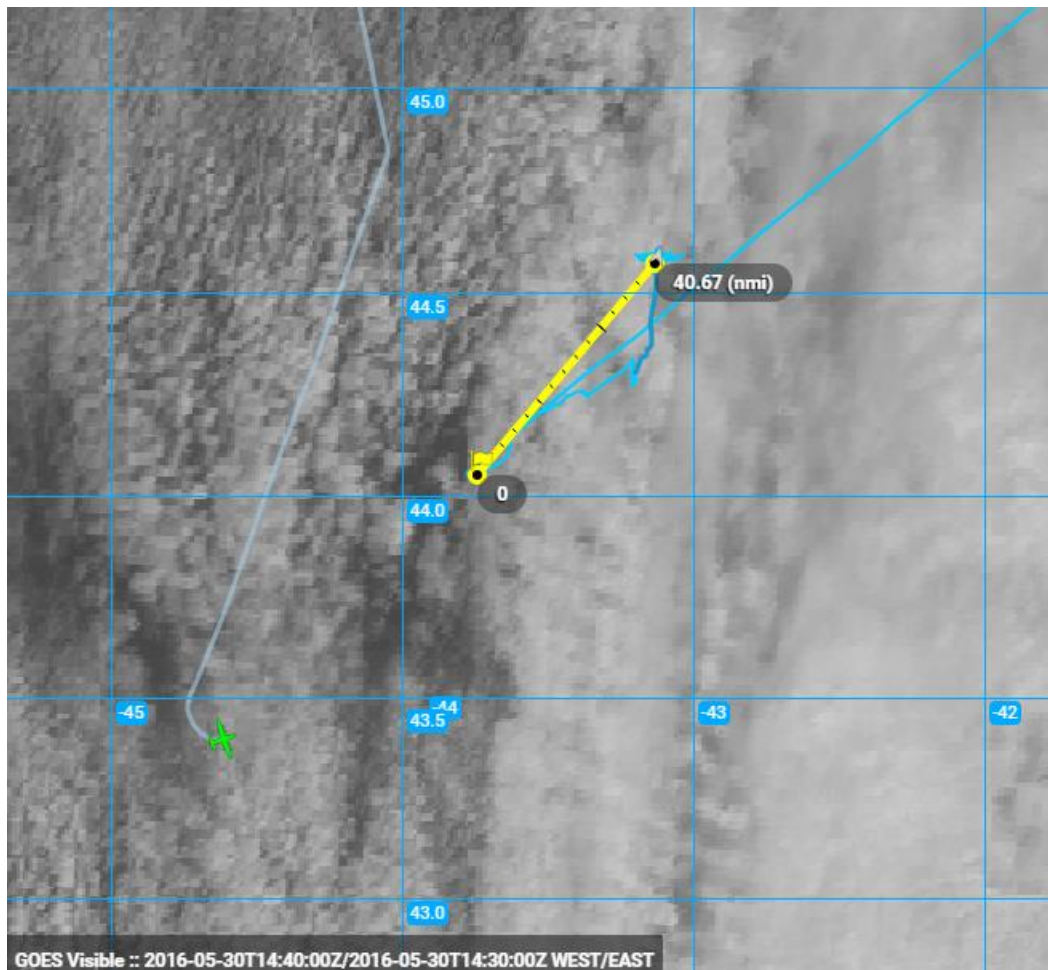
1430Z\_ApproachingZpattern

DO NOT CITE



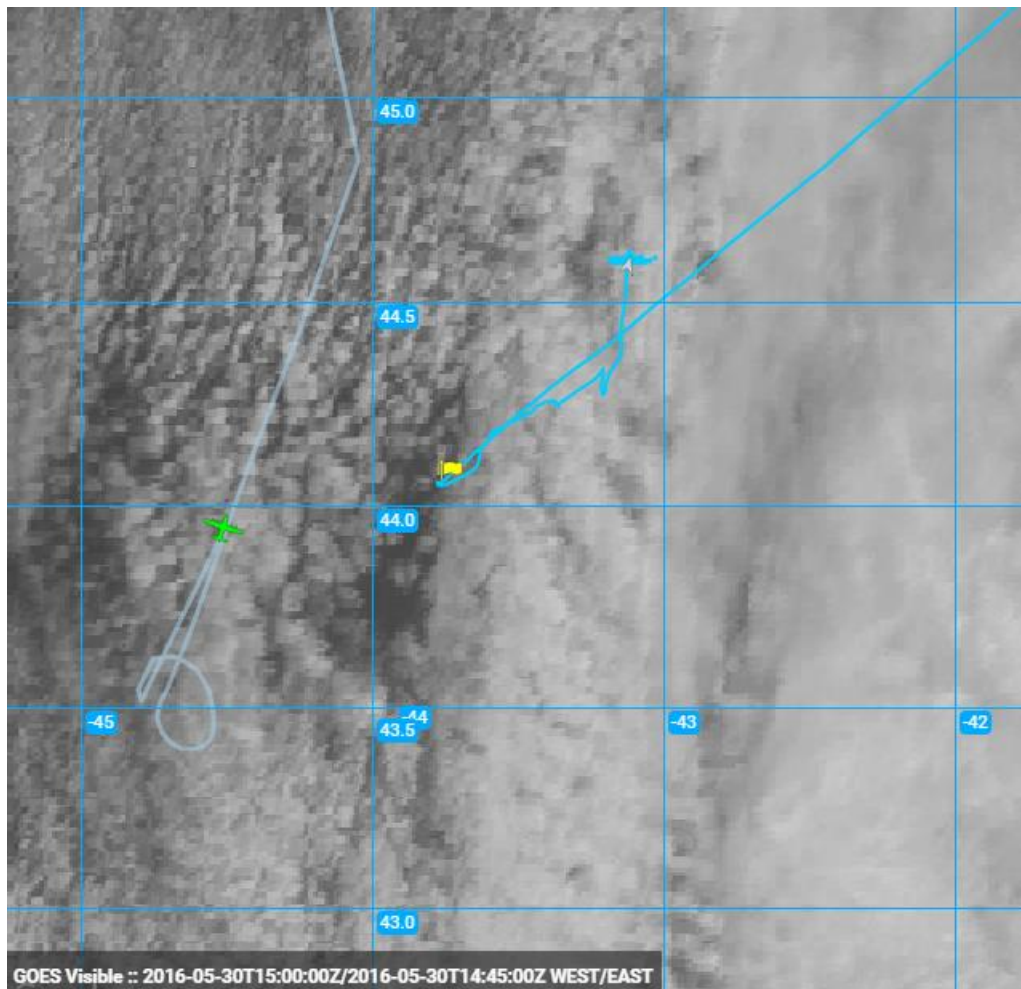
1430Z\_StartZpattern

DO NOT CITE



1450Z\_SpiralDown

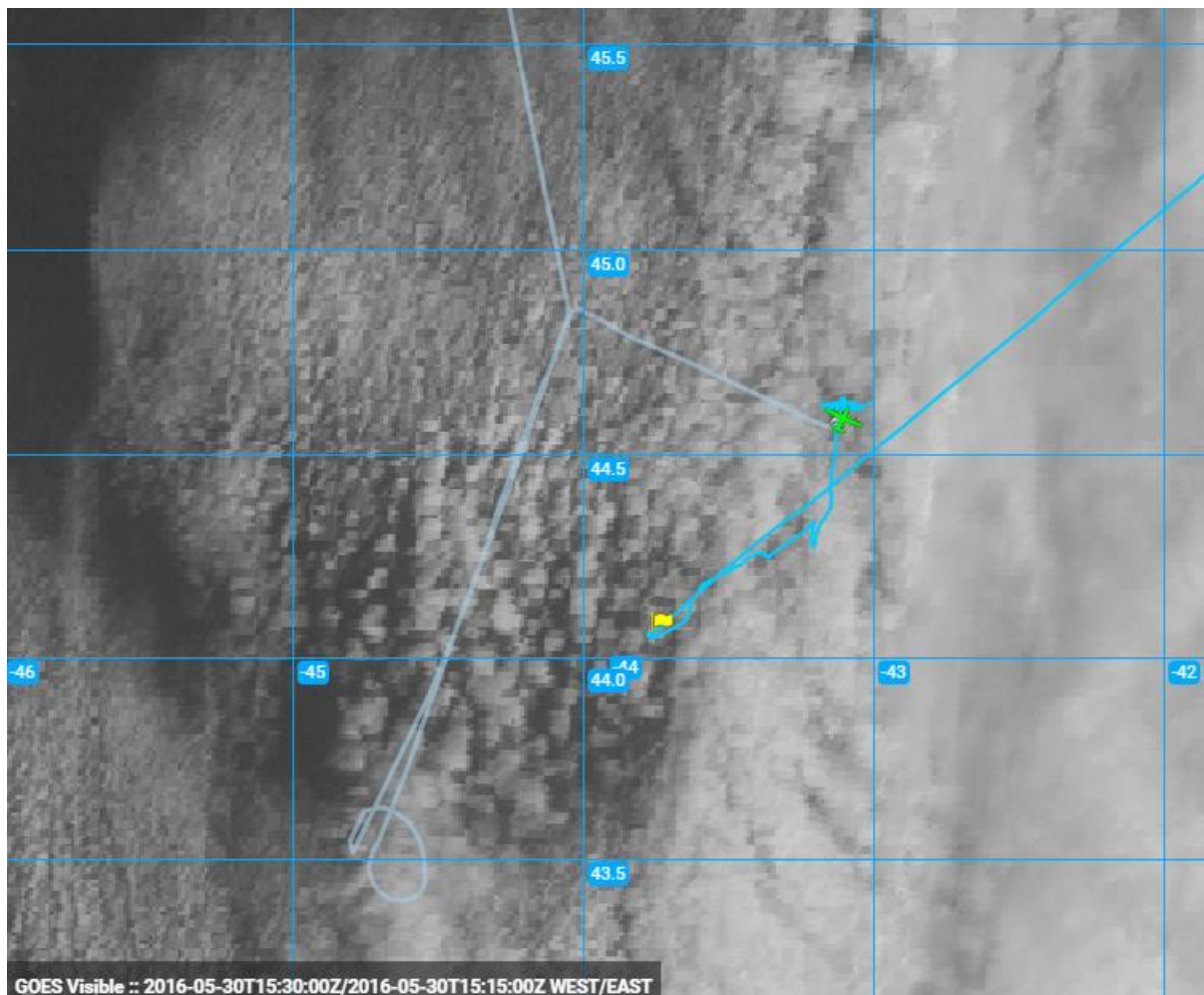
DO NOT CITE



1515Z\_LowLevelZPatternLeg

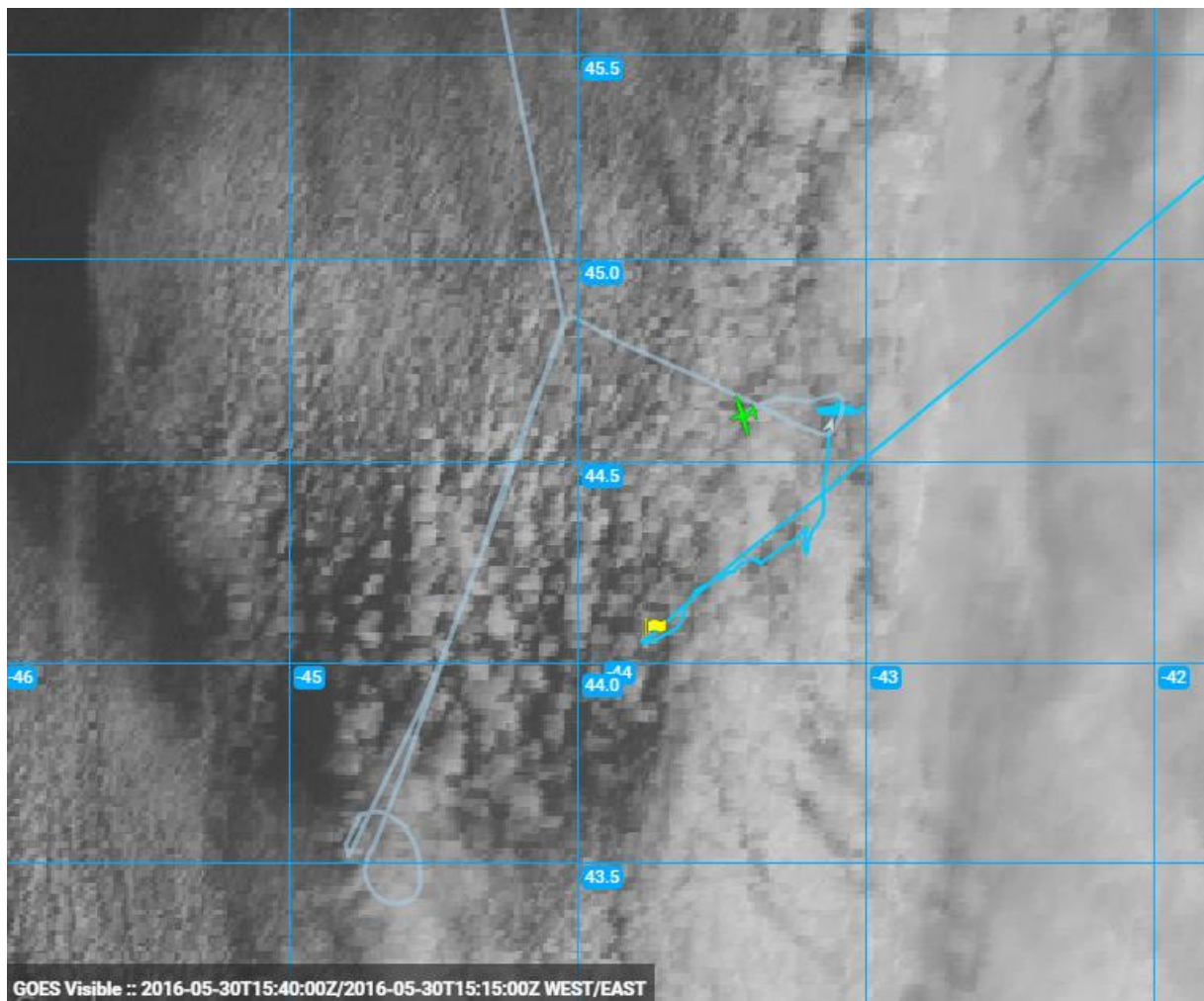
DO NOT CITE





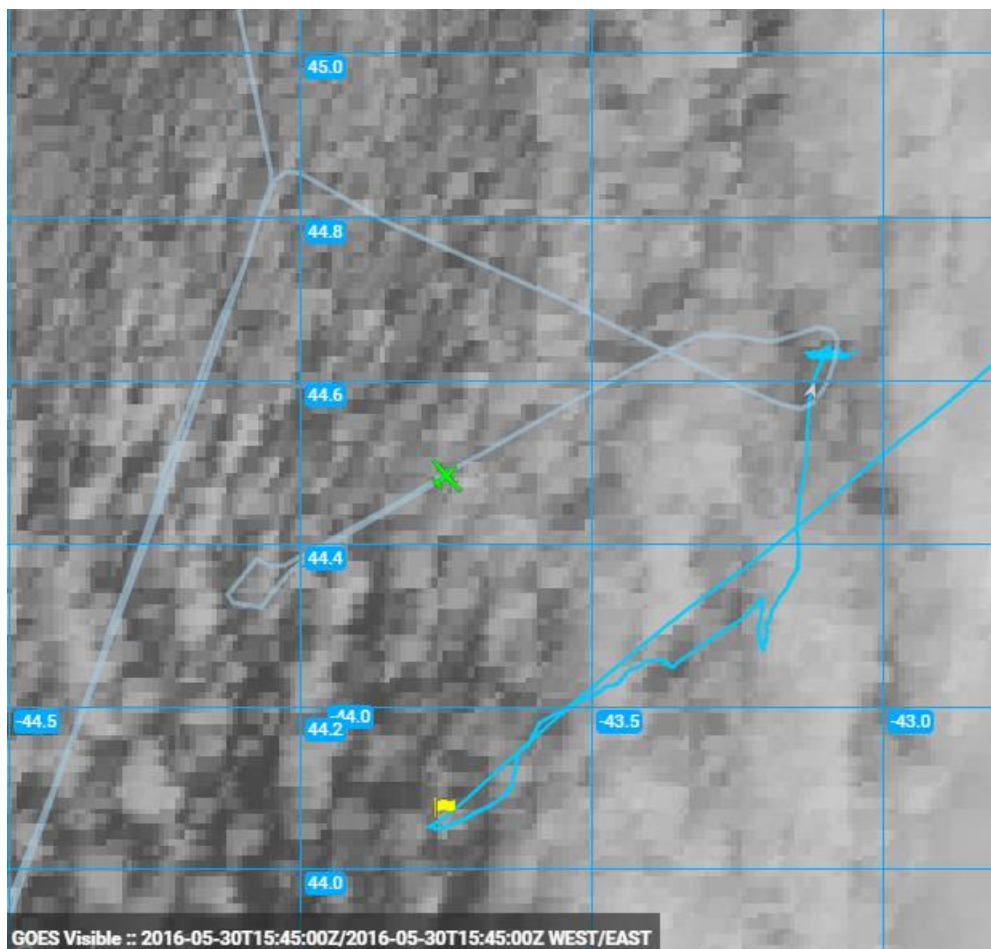
1545Z\_LowLevelNearTheShip

DO NOT CITE



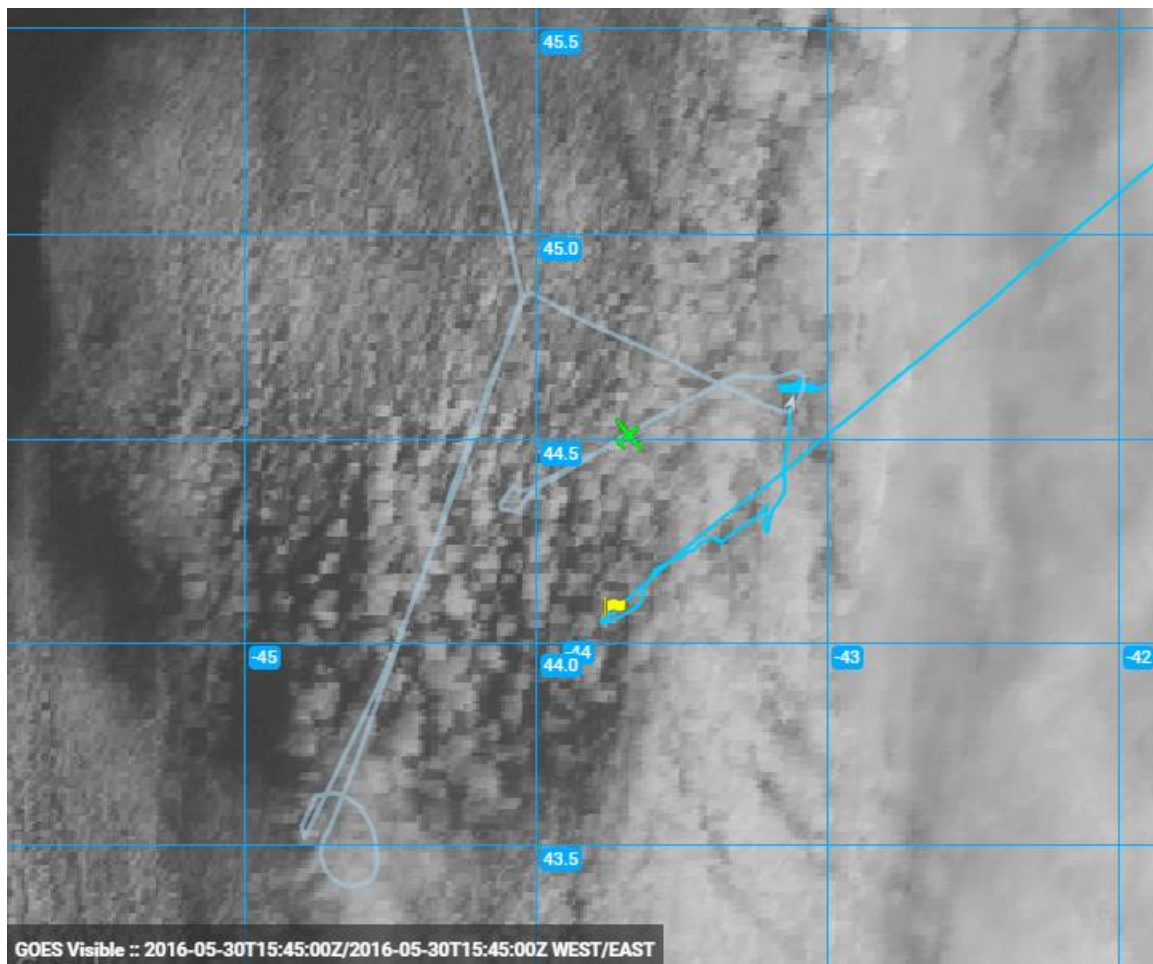
1550Z\_StartCloudModule

DO NOT CITE



1605Z\_CloudModule

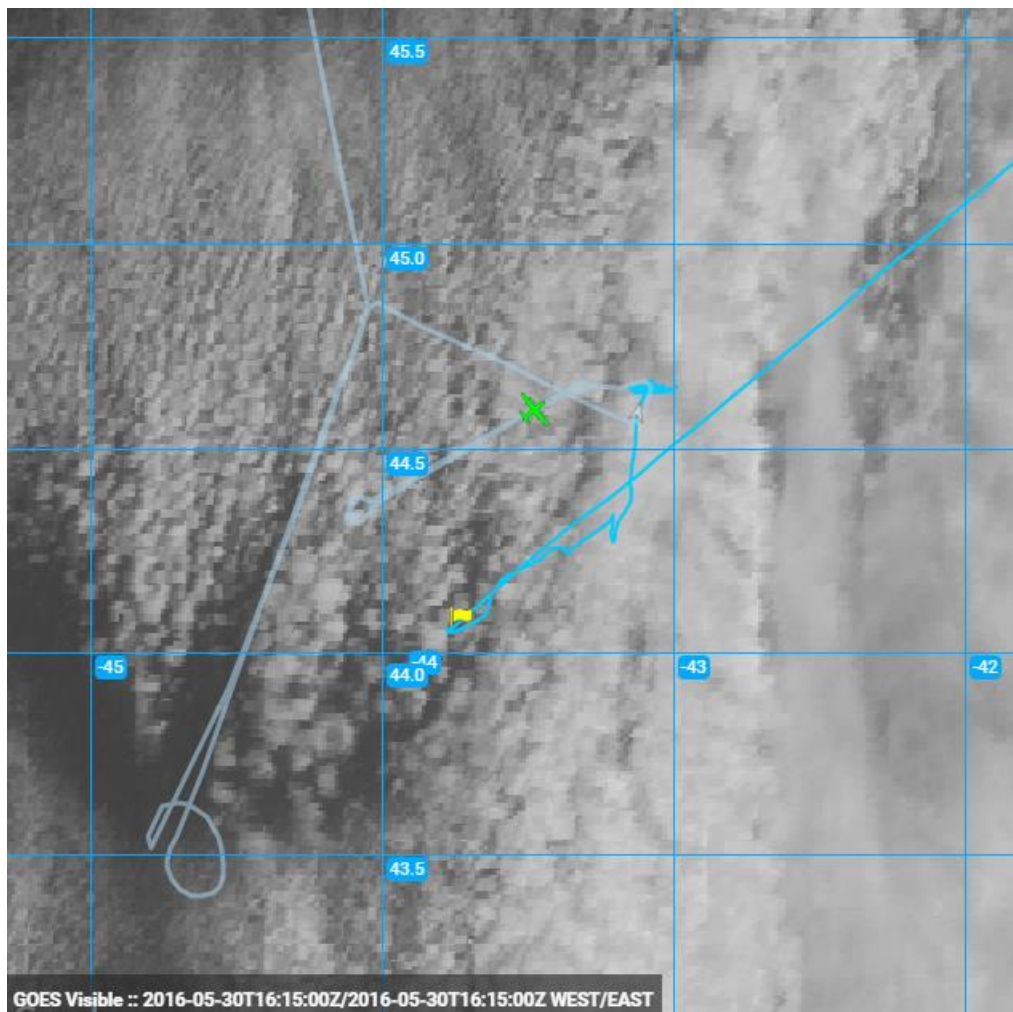
DO NOT CITE



1605Z\_CloudModule\_BiggerView

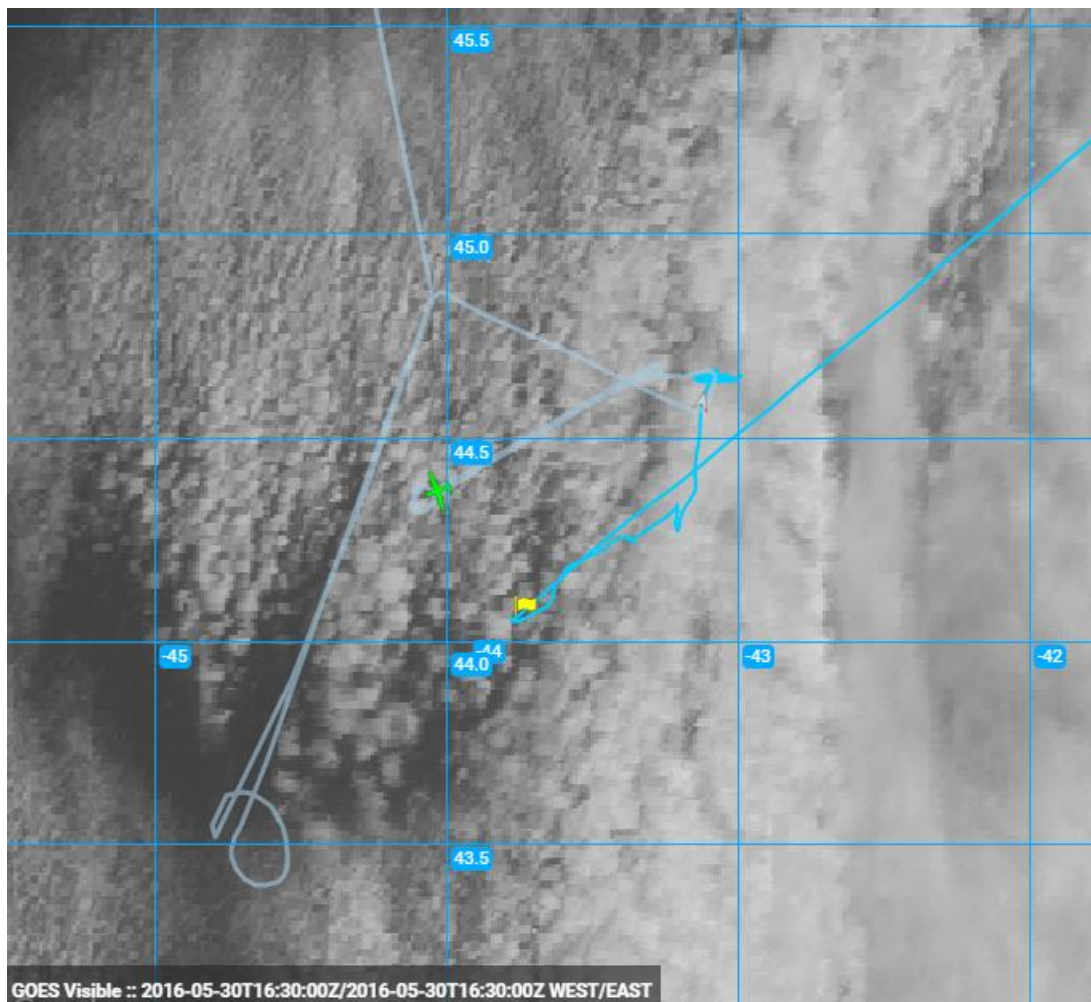
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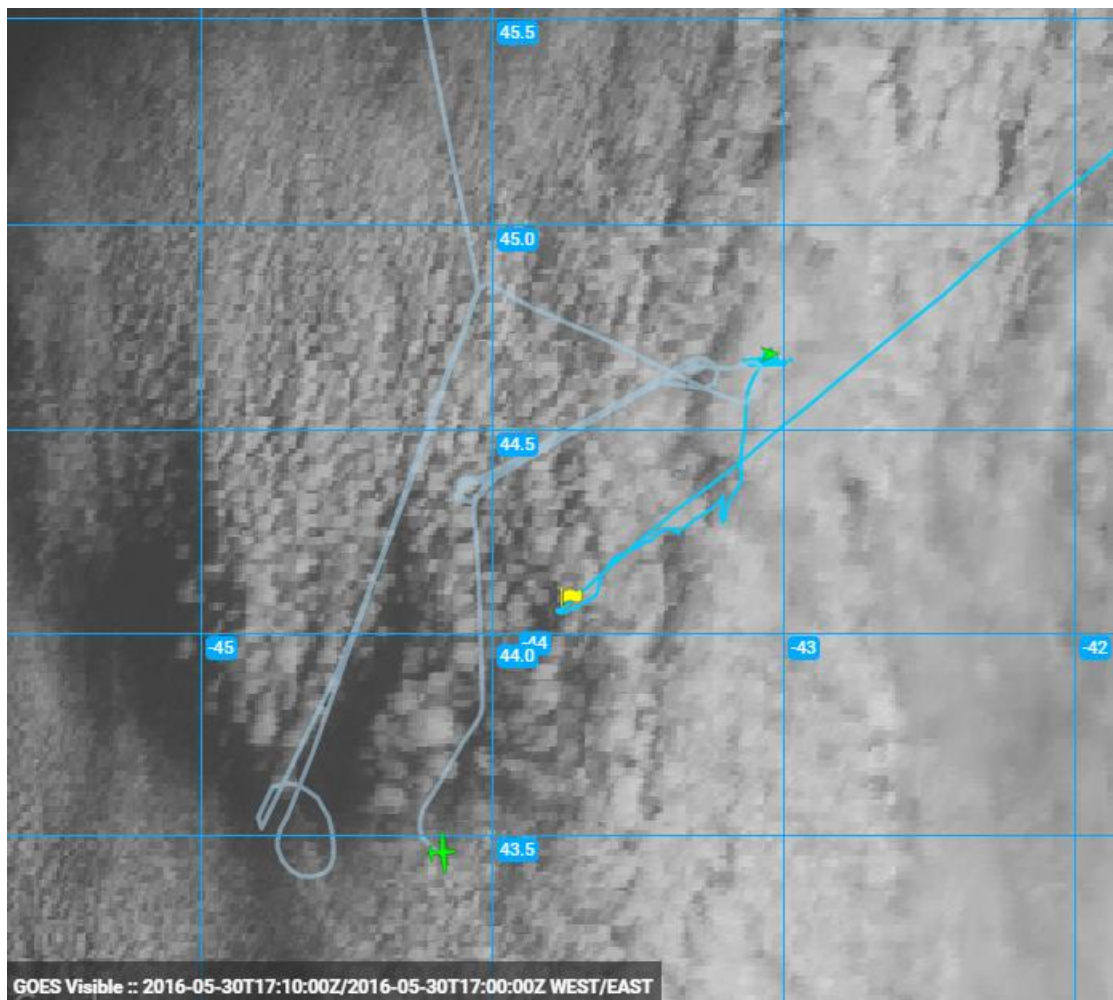
1635Z\_CloudModule

DO NOT CITE



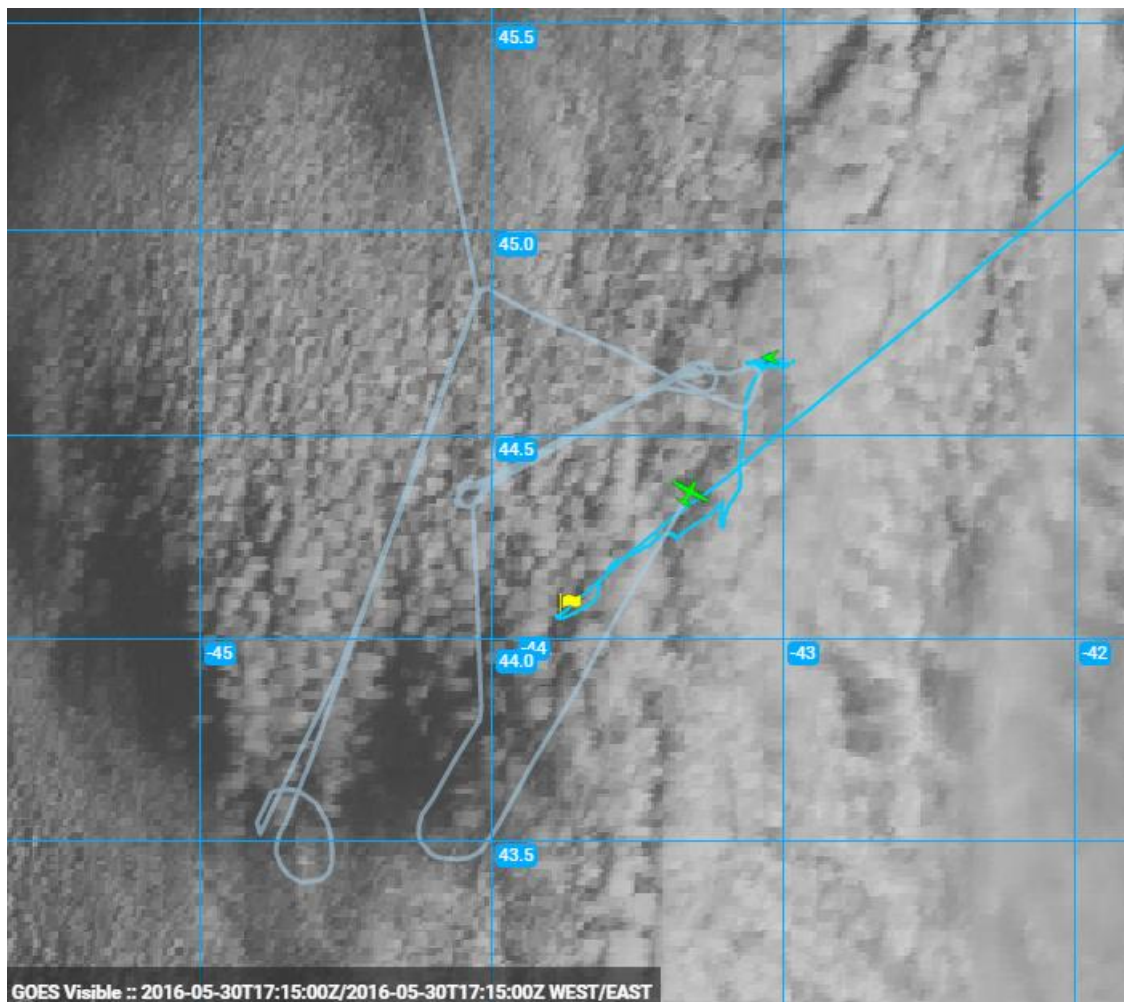
1650Z\_CloudModule

DO NOT CITE



1720Z\_SettingUpForHighAltZpattern

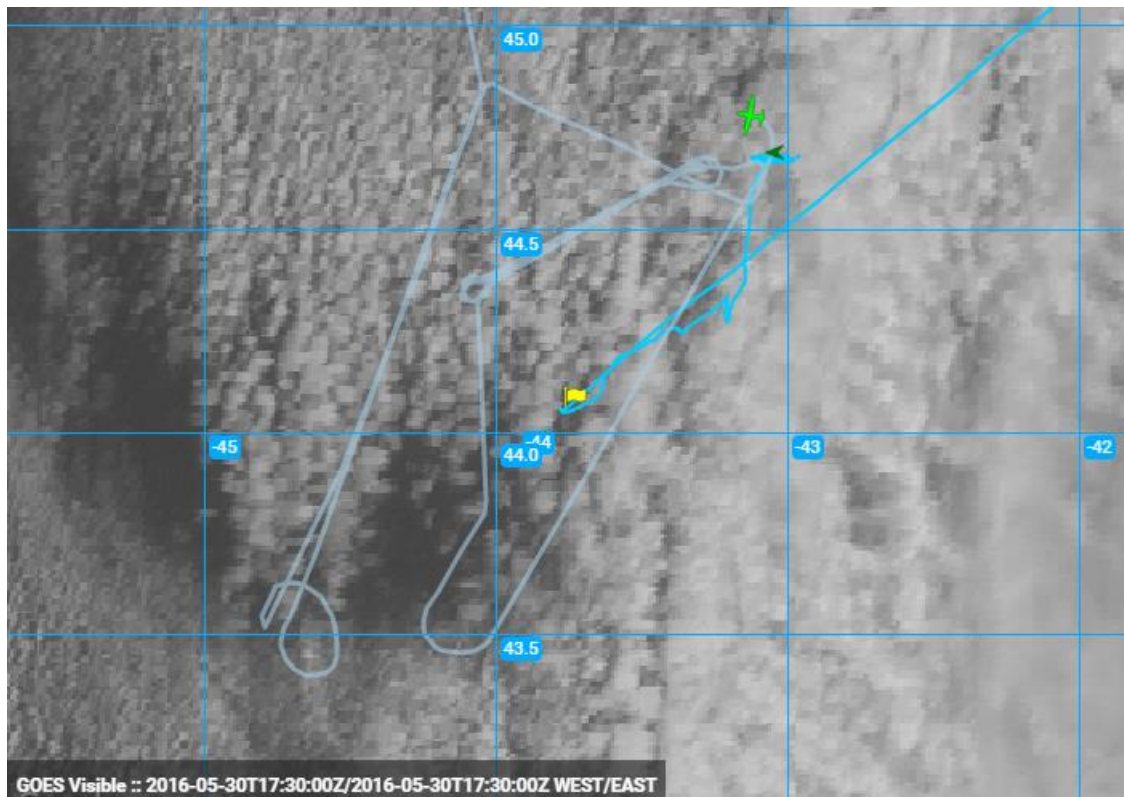
DO NOT CITE



1735Z\_HighAltZpattern

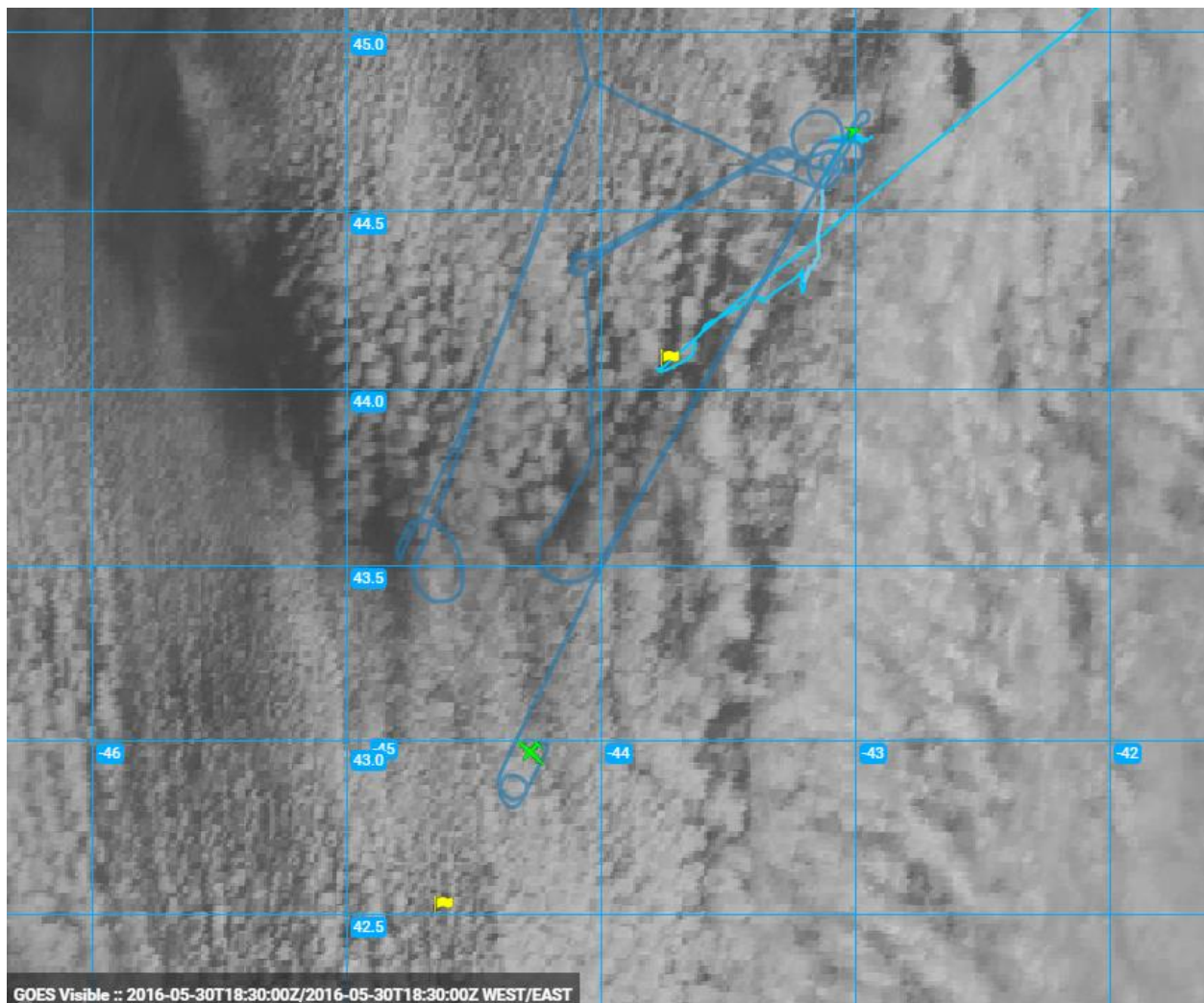
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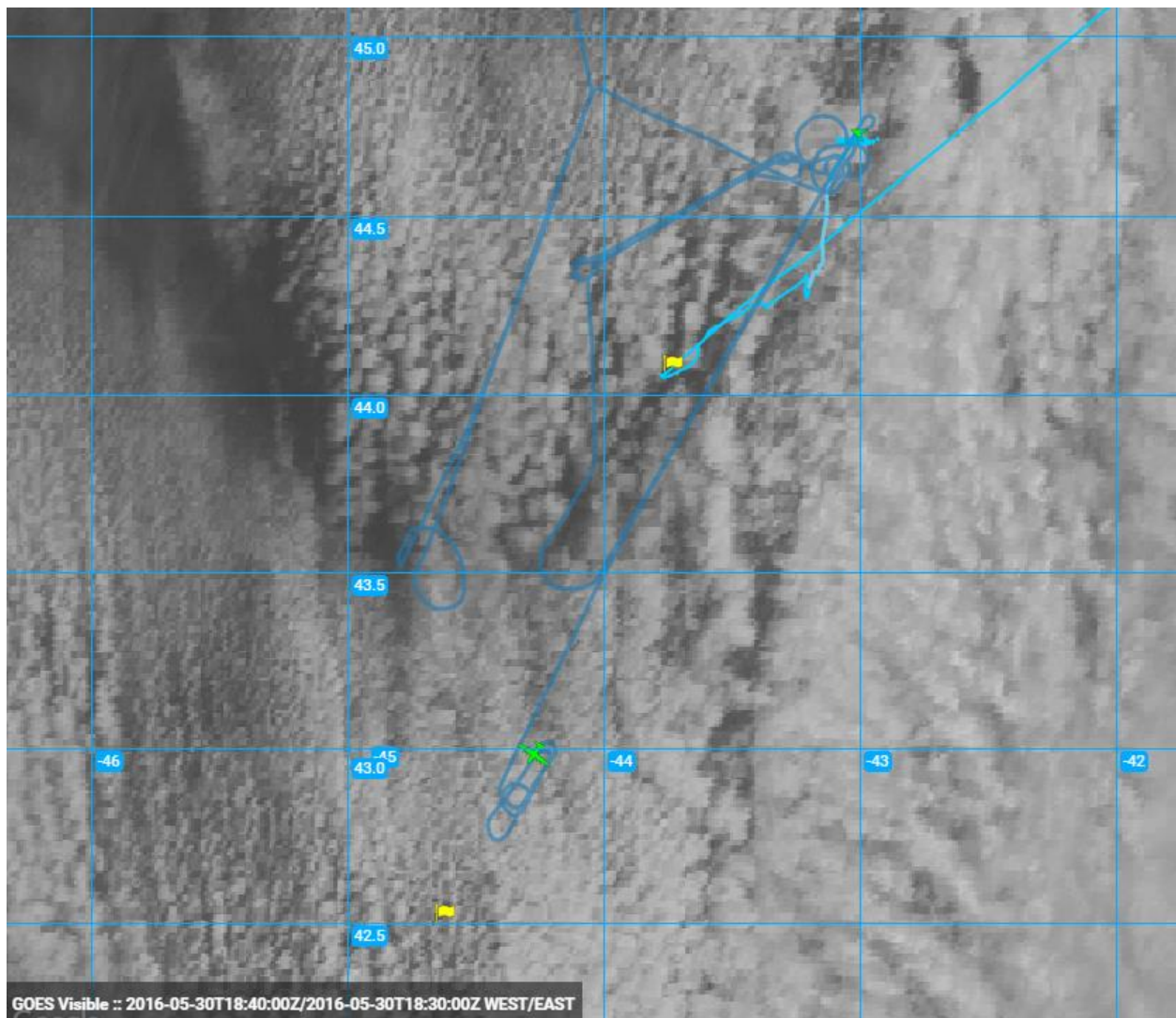
1740Z\_SpiralDown

DO NOT CITE



1845Z\_MiniCloudModule

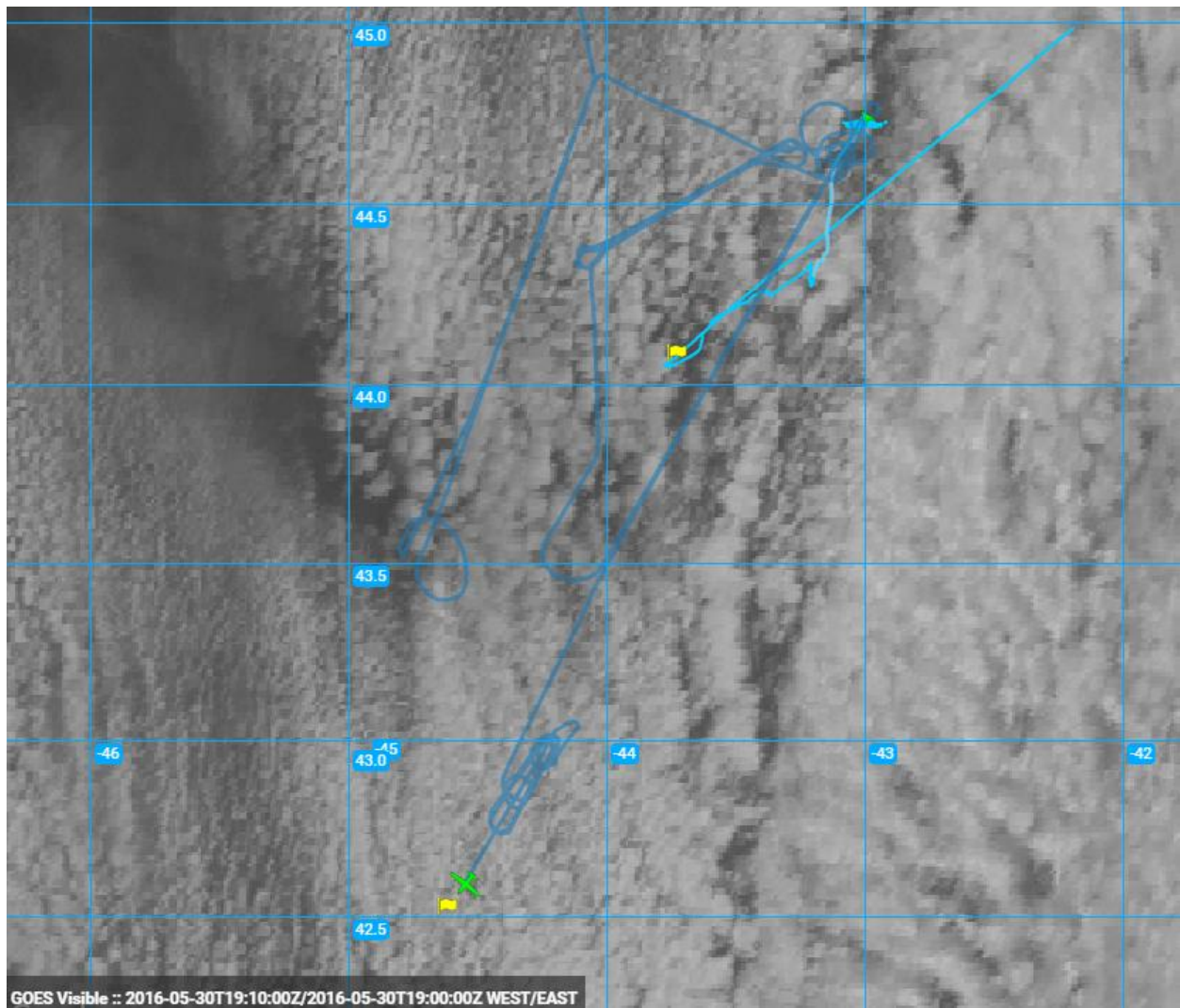
DO NOT CITE



1855Z\_MiniCloudModule

DO NOT CITE

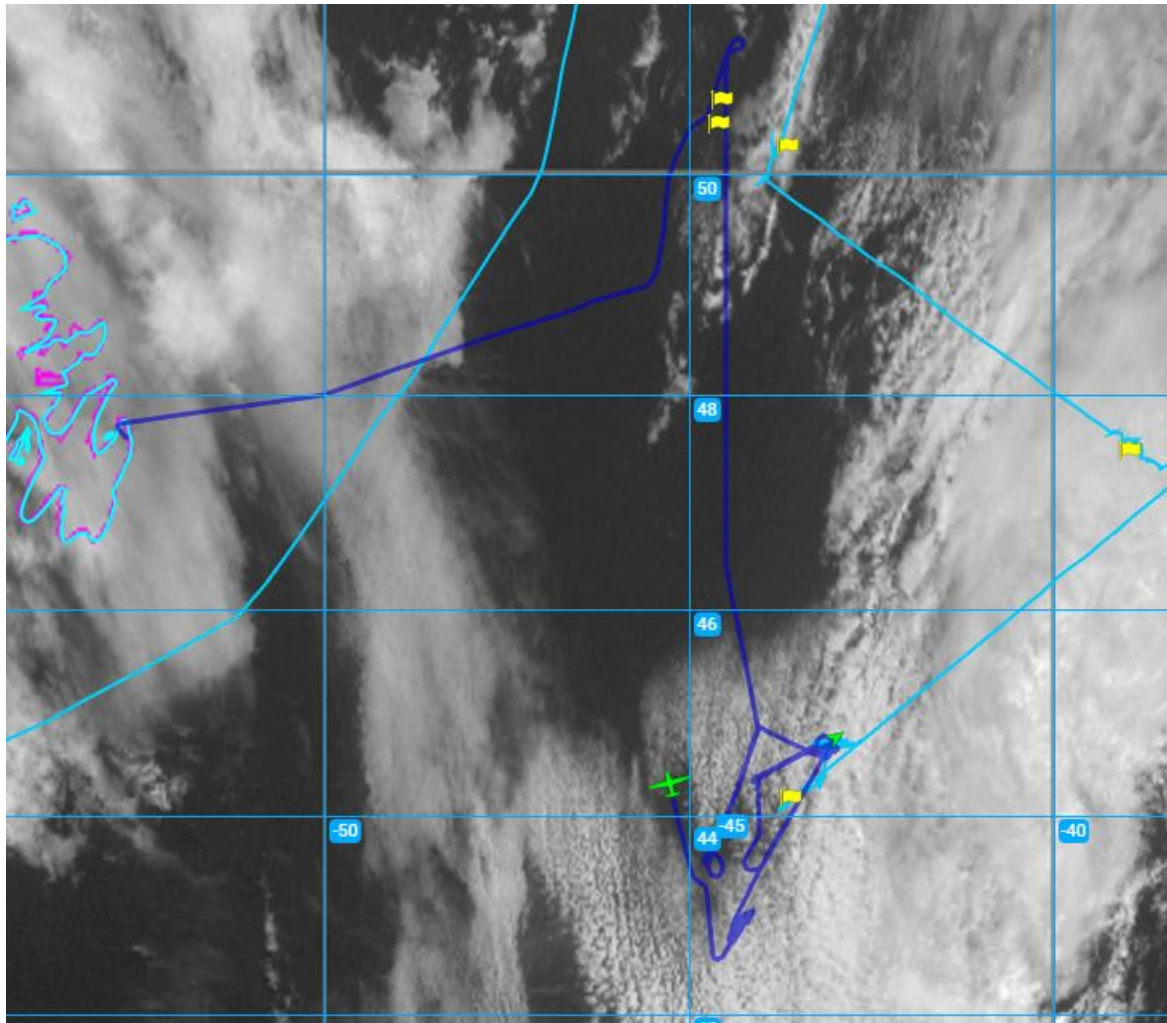




1920Z\_SettingUpForCALIPSOTrack

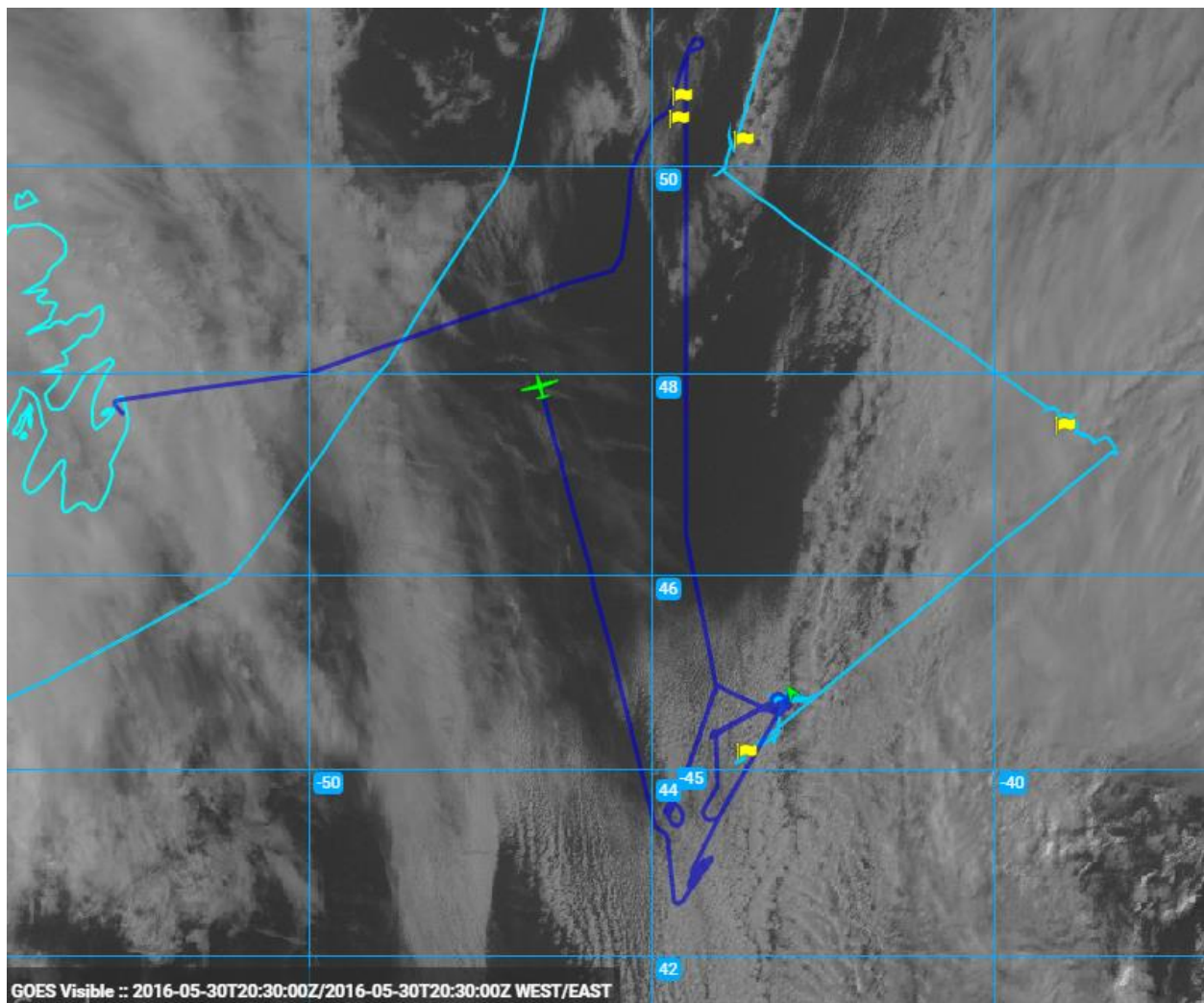
DO NOT CITE





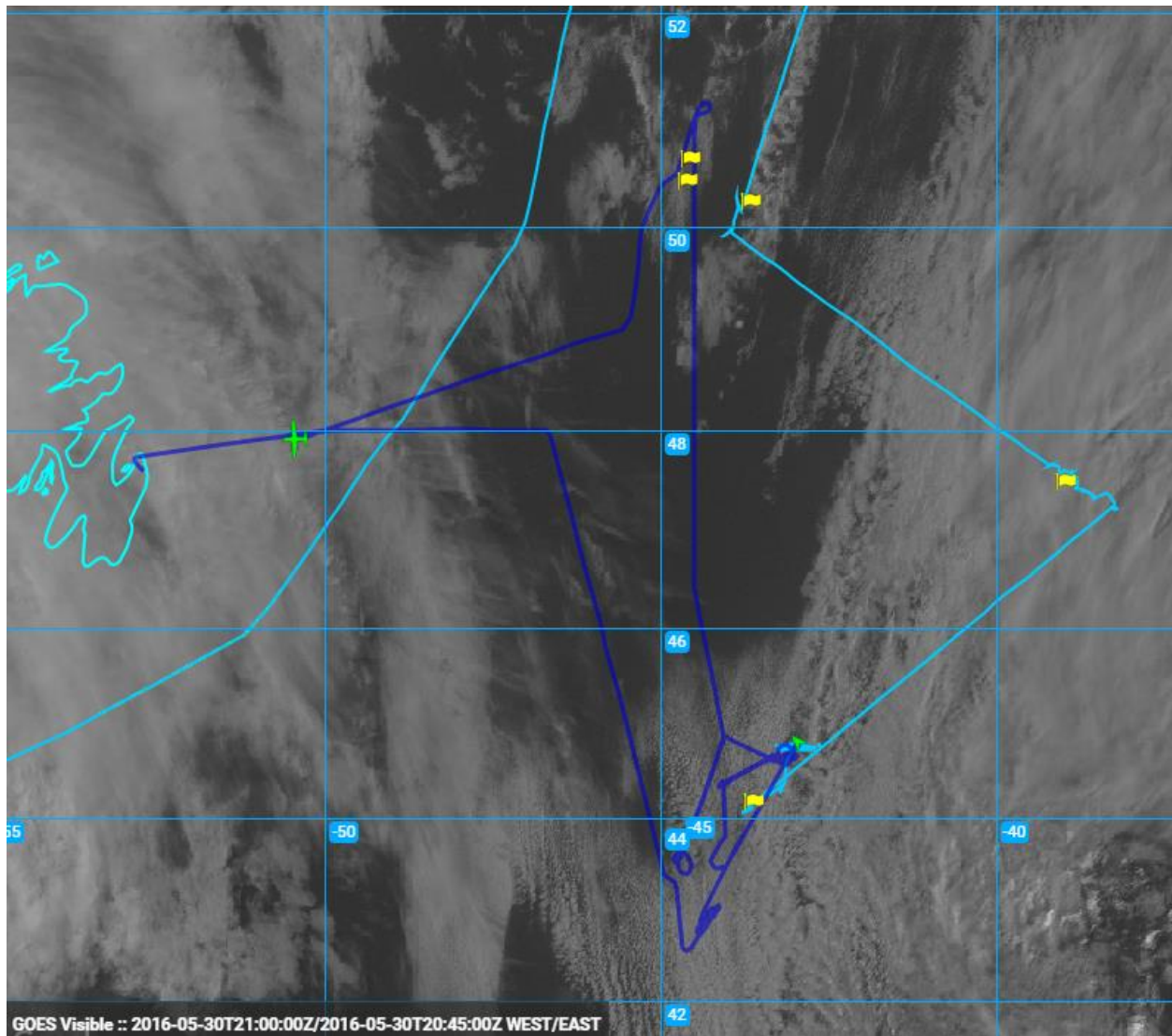
1955Z\_AlongCALIPSOTrack

DO NOT CITE



2050Z\_AlongCALIPSOTrack

DO NOT CITE



2125Z\_RTB

DO NOT CITE