

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:

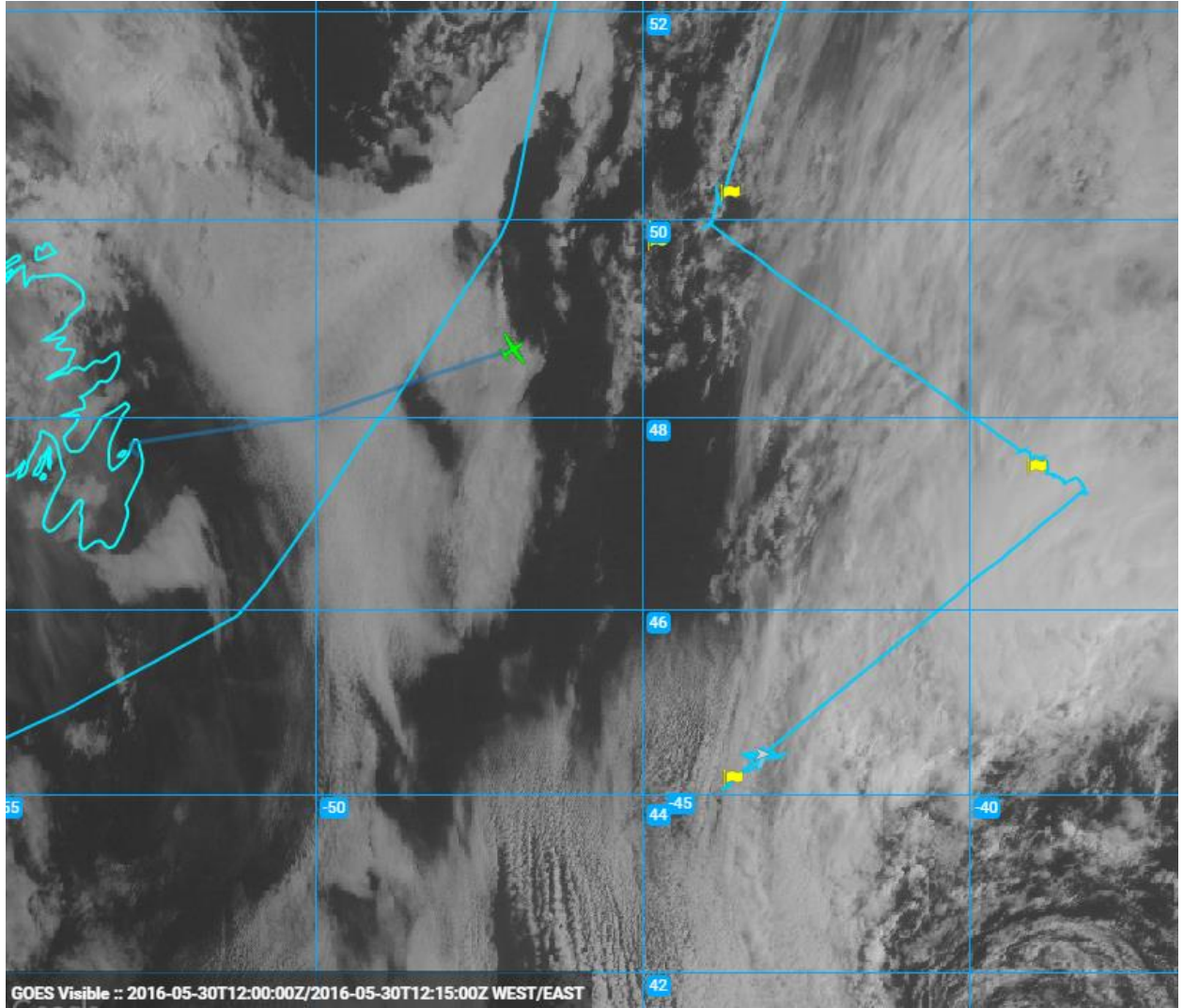
https://airbornescience.nasa.gov/flight_reports/C-130H_Hercules_439_05_30_16

Flight Hour Summary:

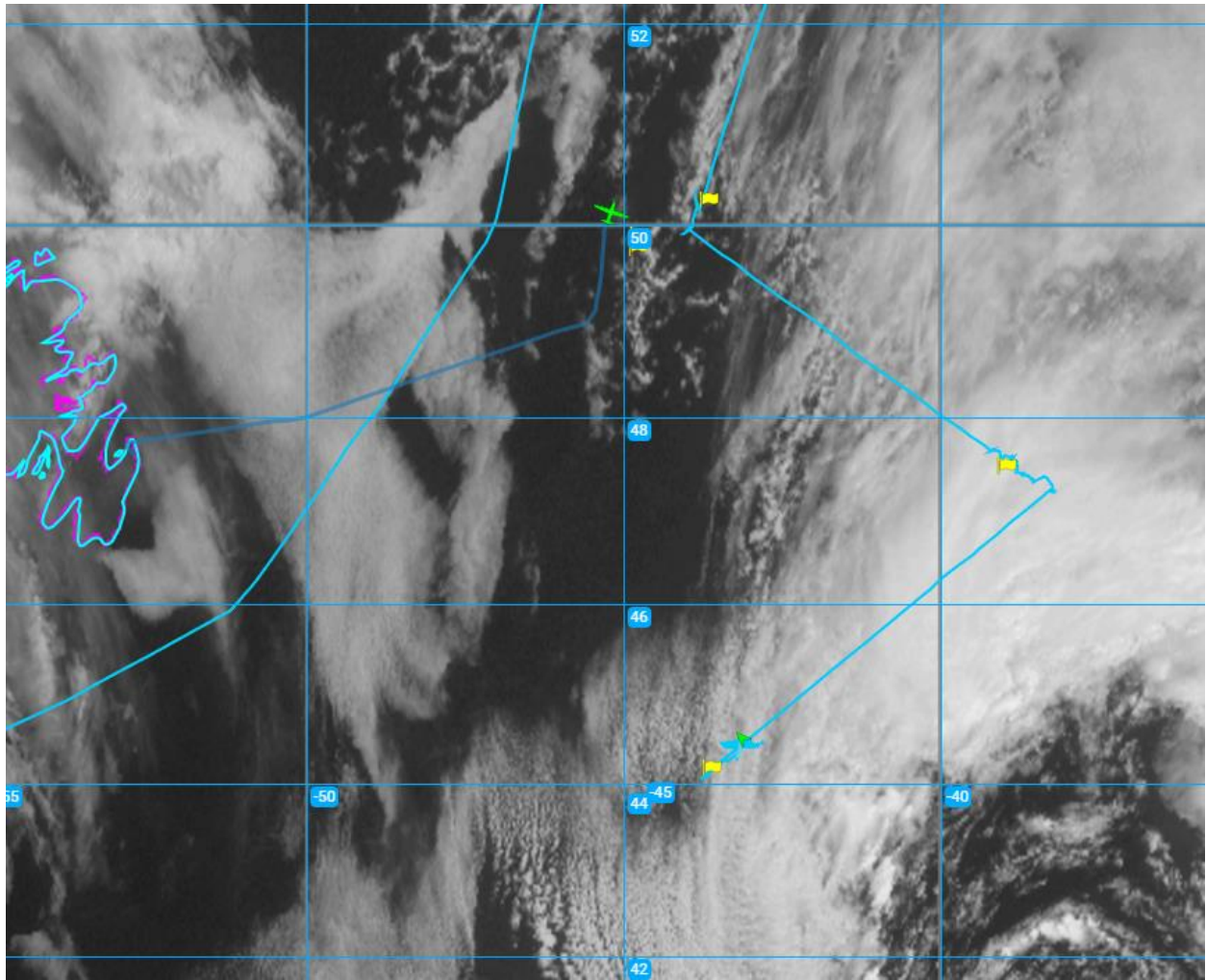
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
04/08/16	NAAMES Langley Transit	Ferry	1	1	69
05/12/16	NAAMES Airworthiness Test Flight	Check	0.9	1.9	68.1
05/13/16	NAAMES Project Test Flight/Transit	Transit	8.4	10.3	59.7
05/18/16	NAAMES Science Flight #1	Science	10.7	21	49
05/19/16	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
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:

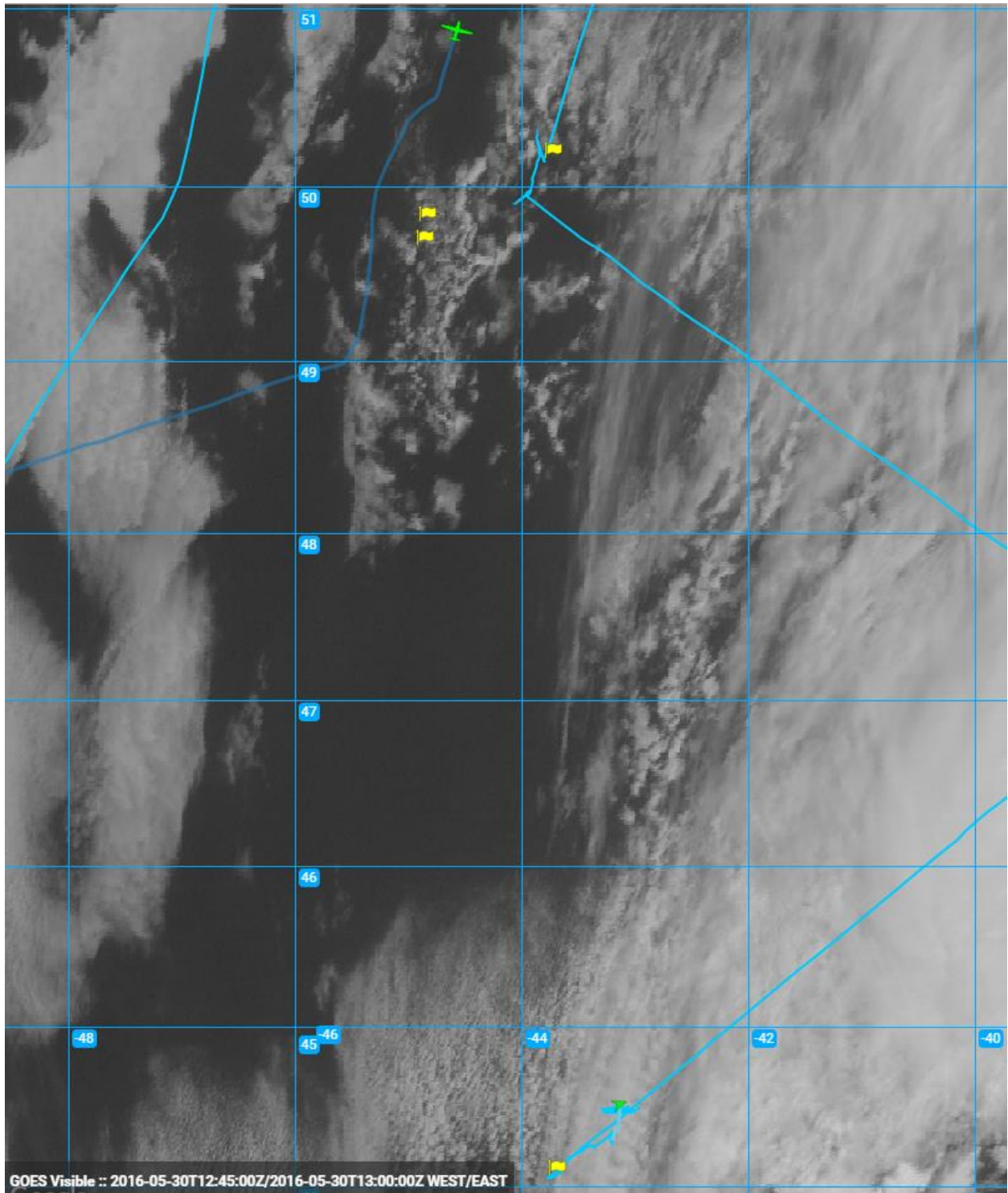
Real-time GOES imagery with overlaid ship, aircraft, and CALIPSO trajectories.



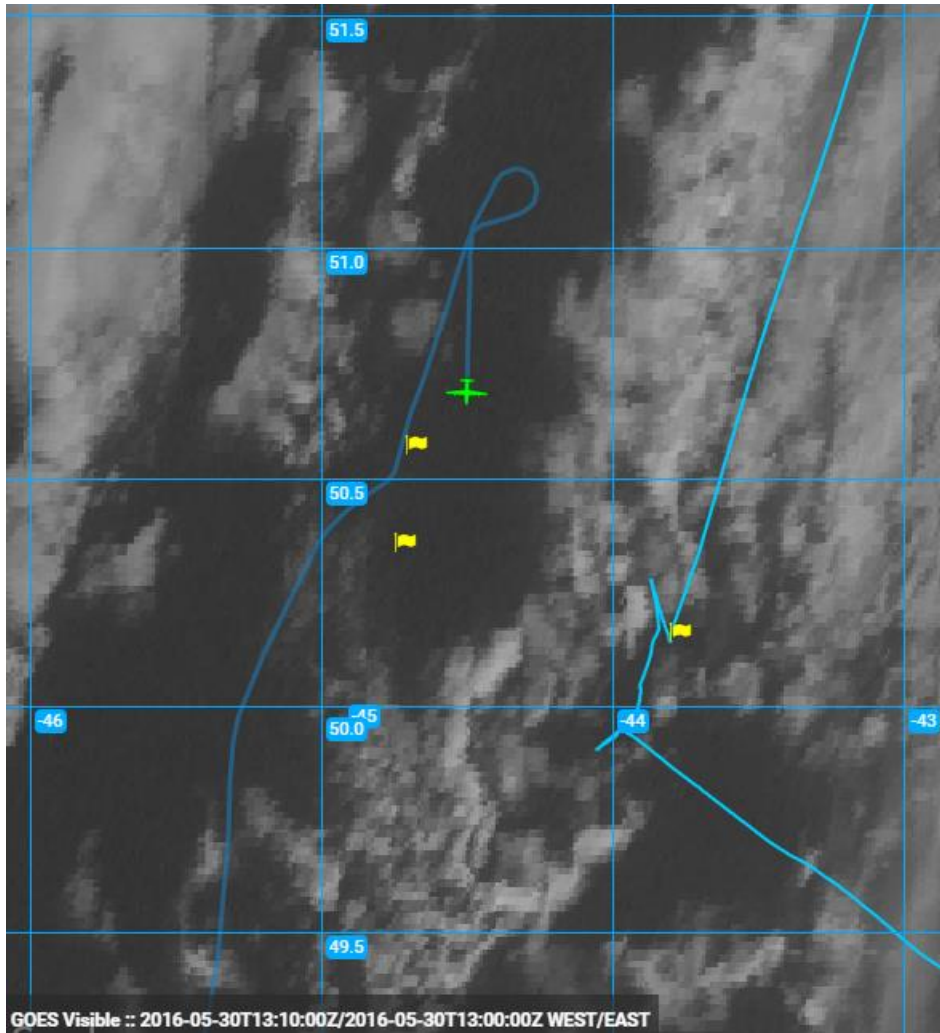
1230Z_HeadingOutToTheBox



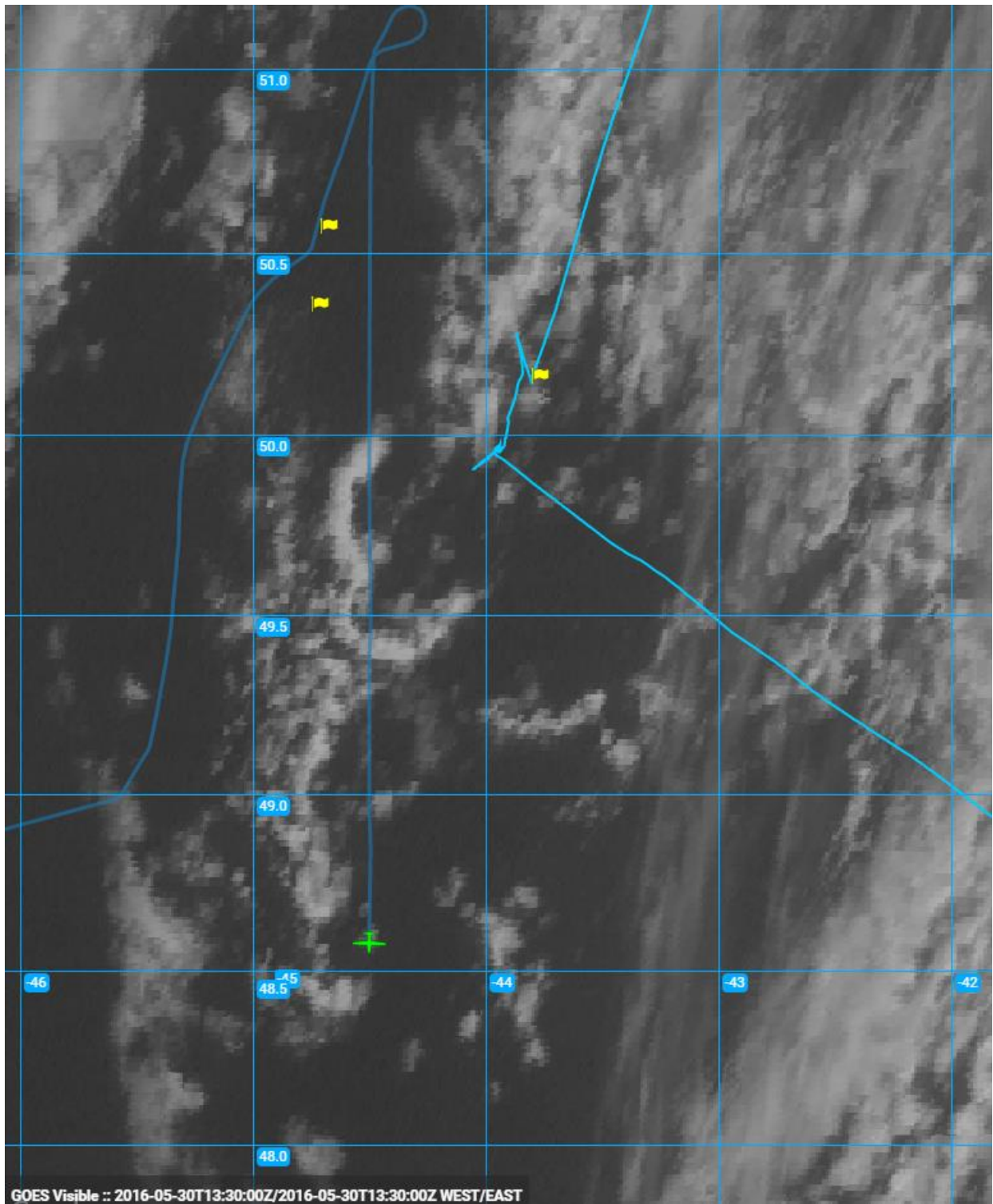
1300Z_LiningUpForHighAltSurvey



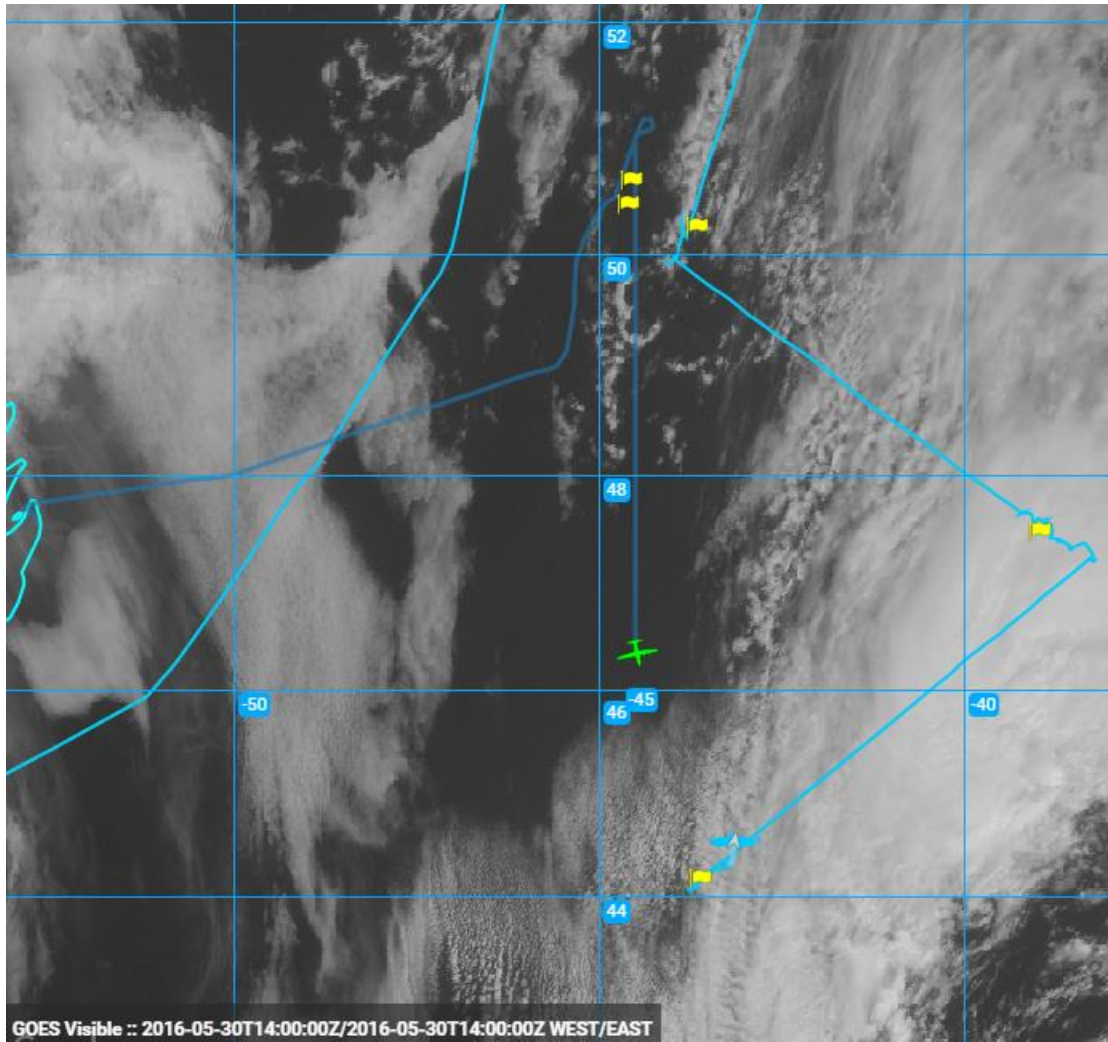
1310Z_LiningUpForHighAltSurvey



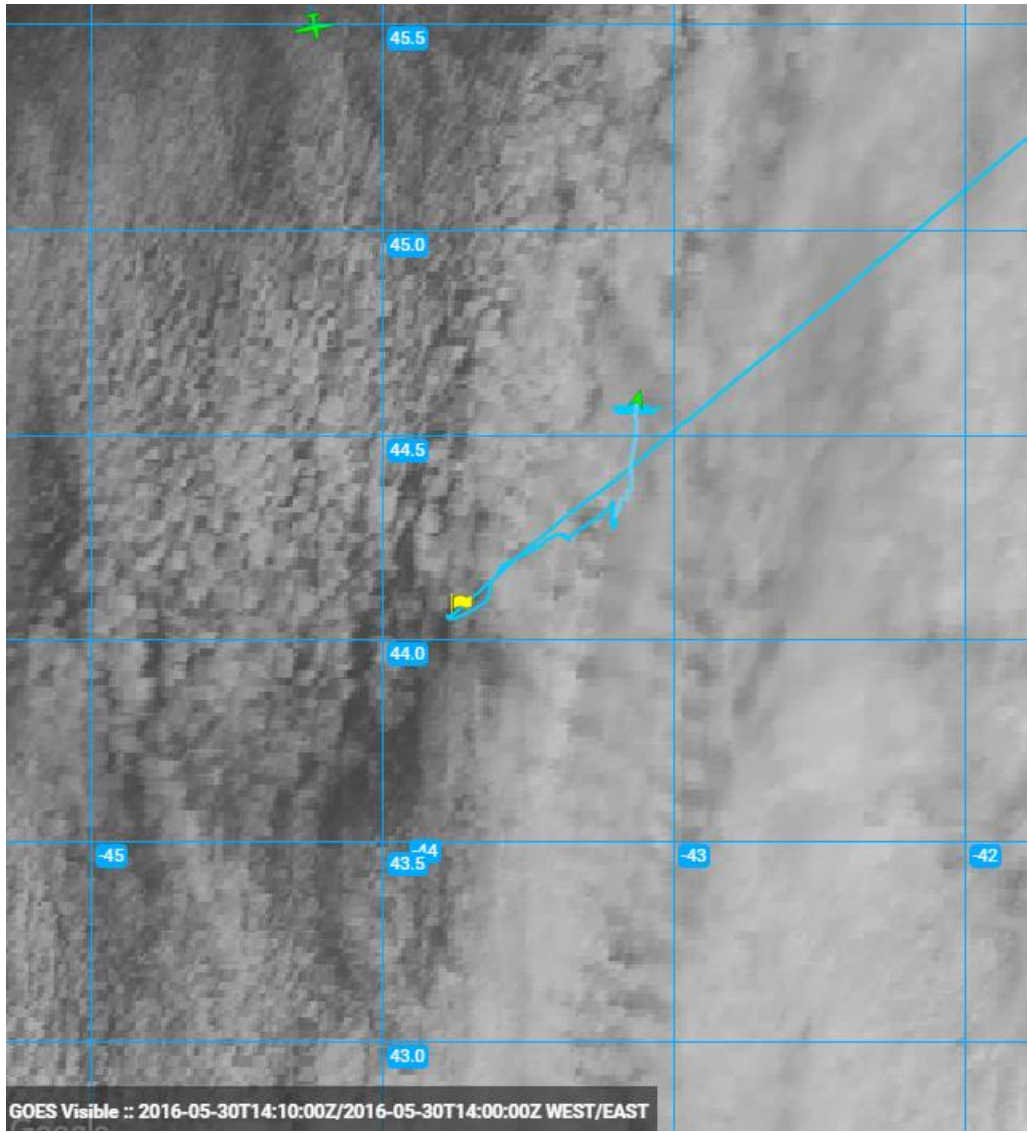
1320Z_HighAlt_N-S_Survey



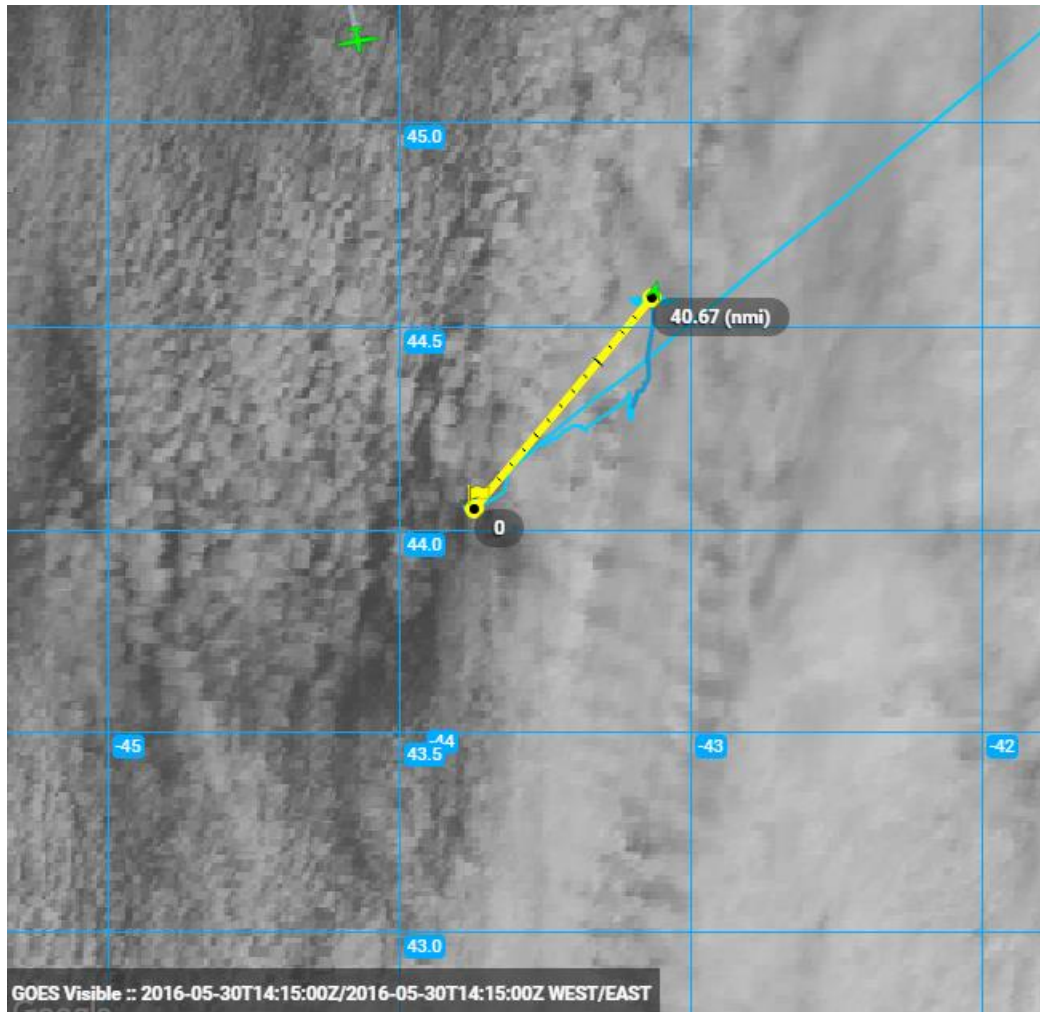
1350Z_HighAlt_N-S_Survey



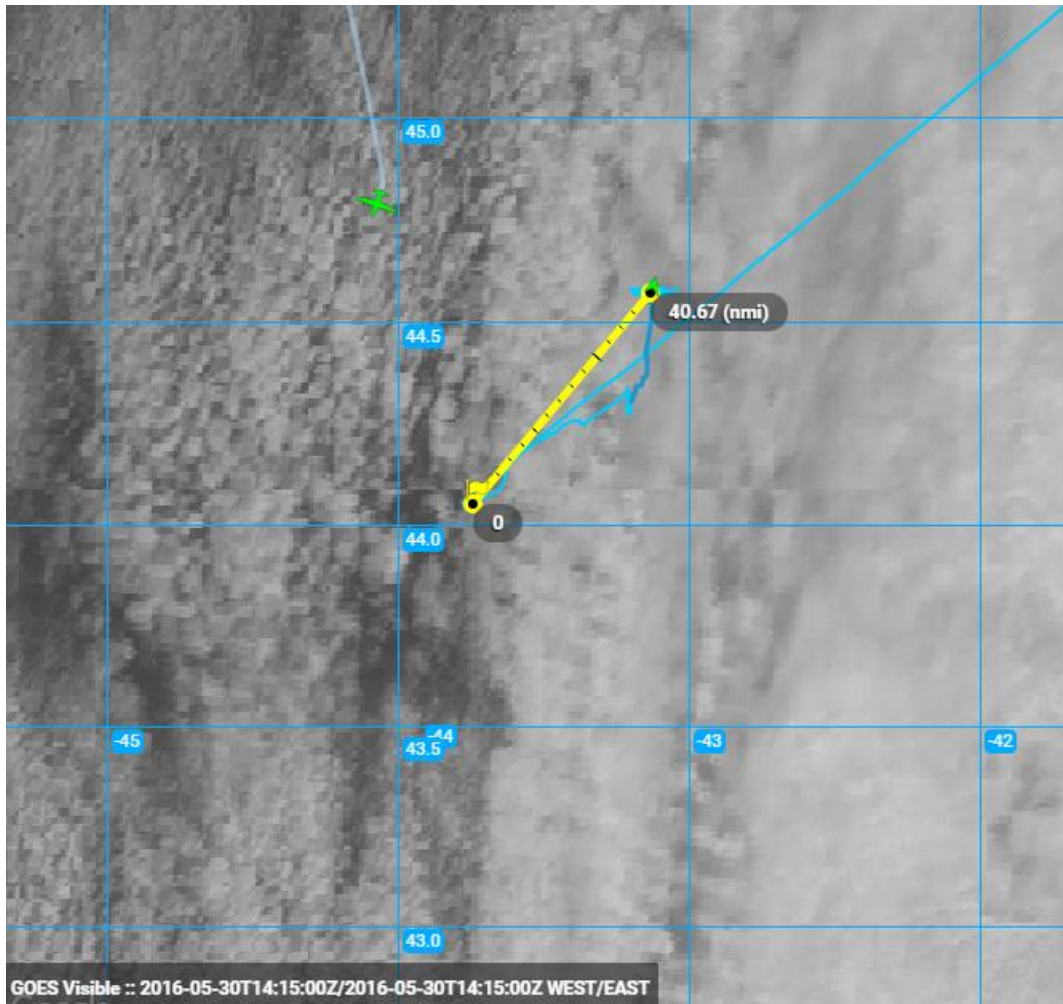
1415Z_HighAlt_N-S_Survey



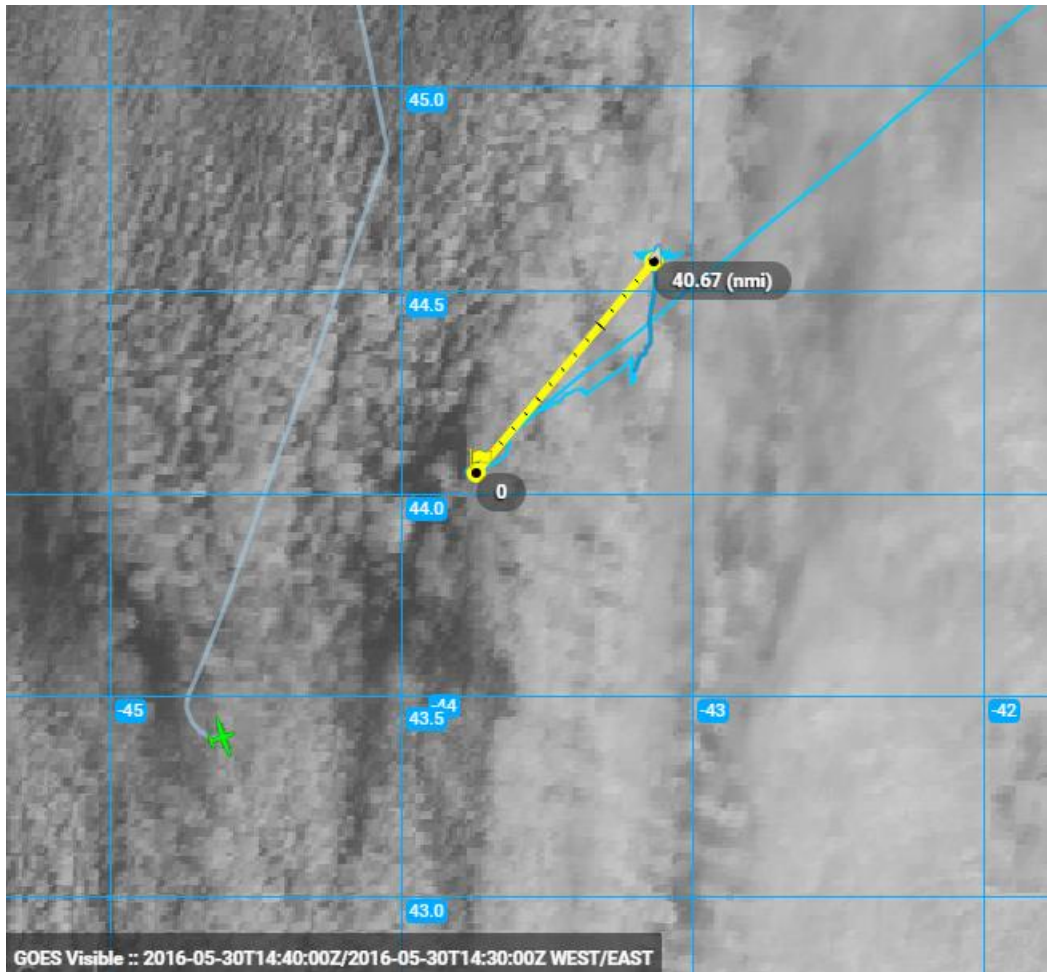
1425Z_ApproachingZpattern



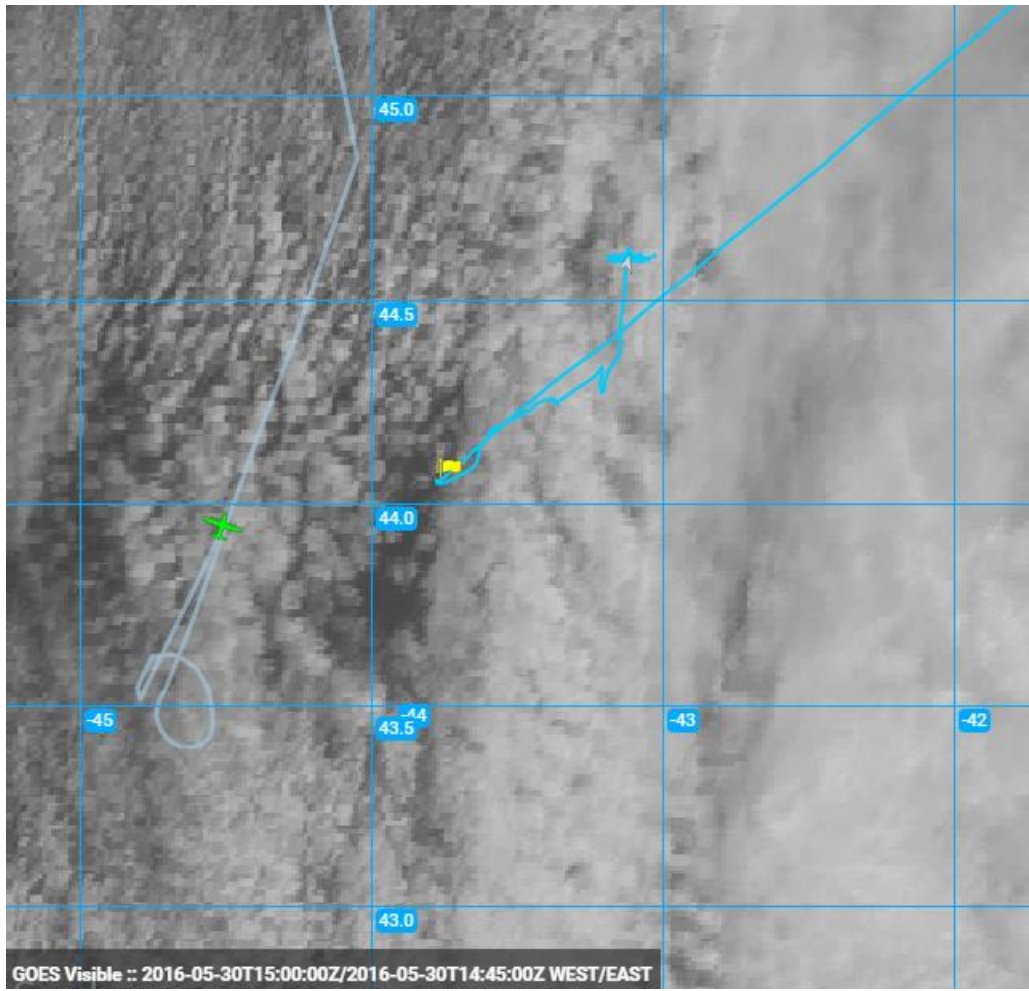
1430Z_ApproachingZpattern



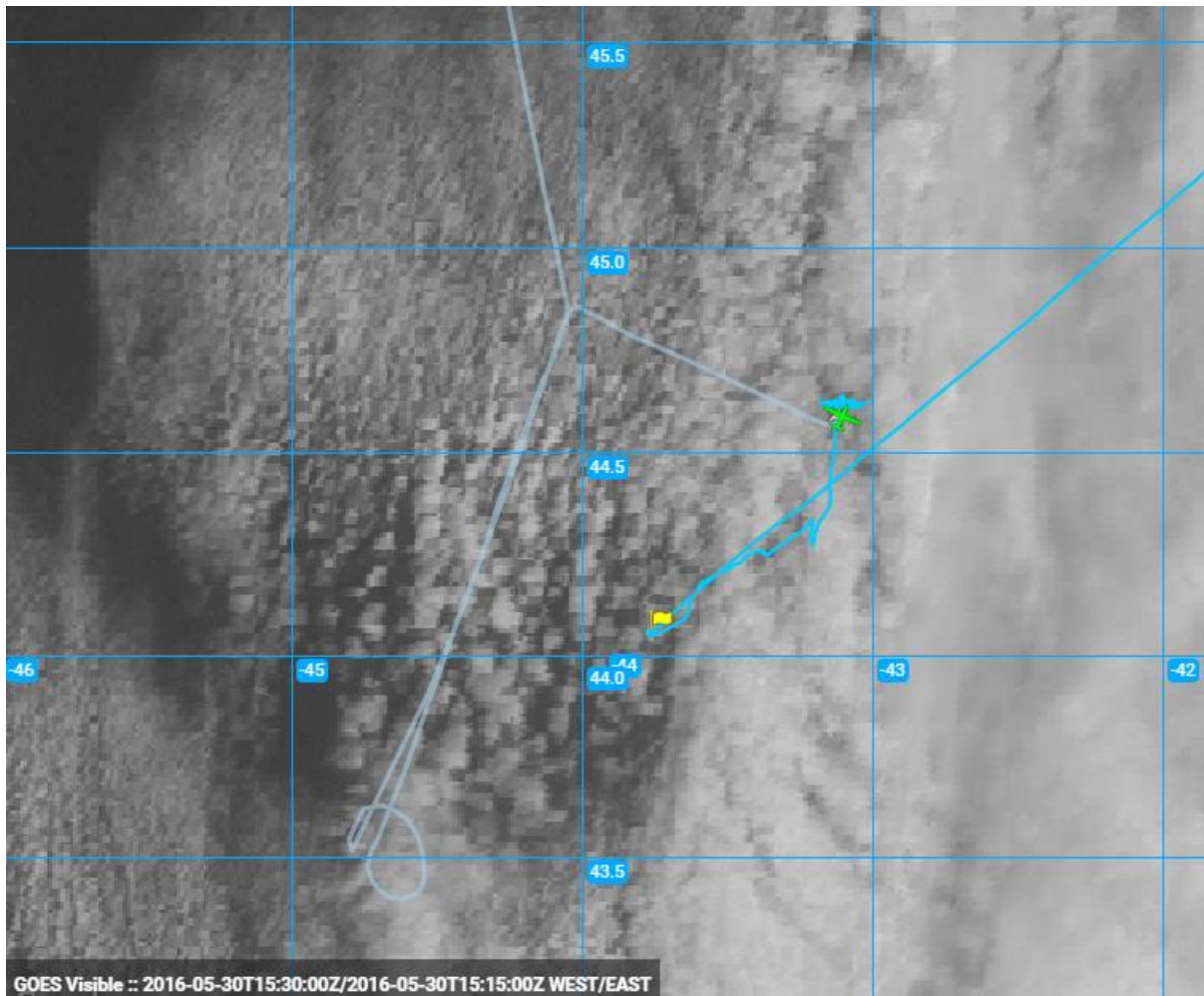
1430Z_StartZpattern



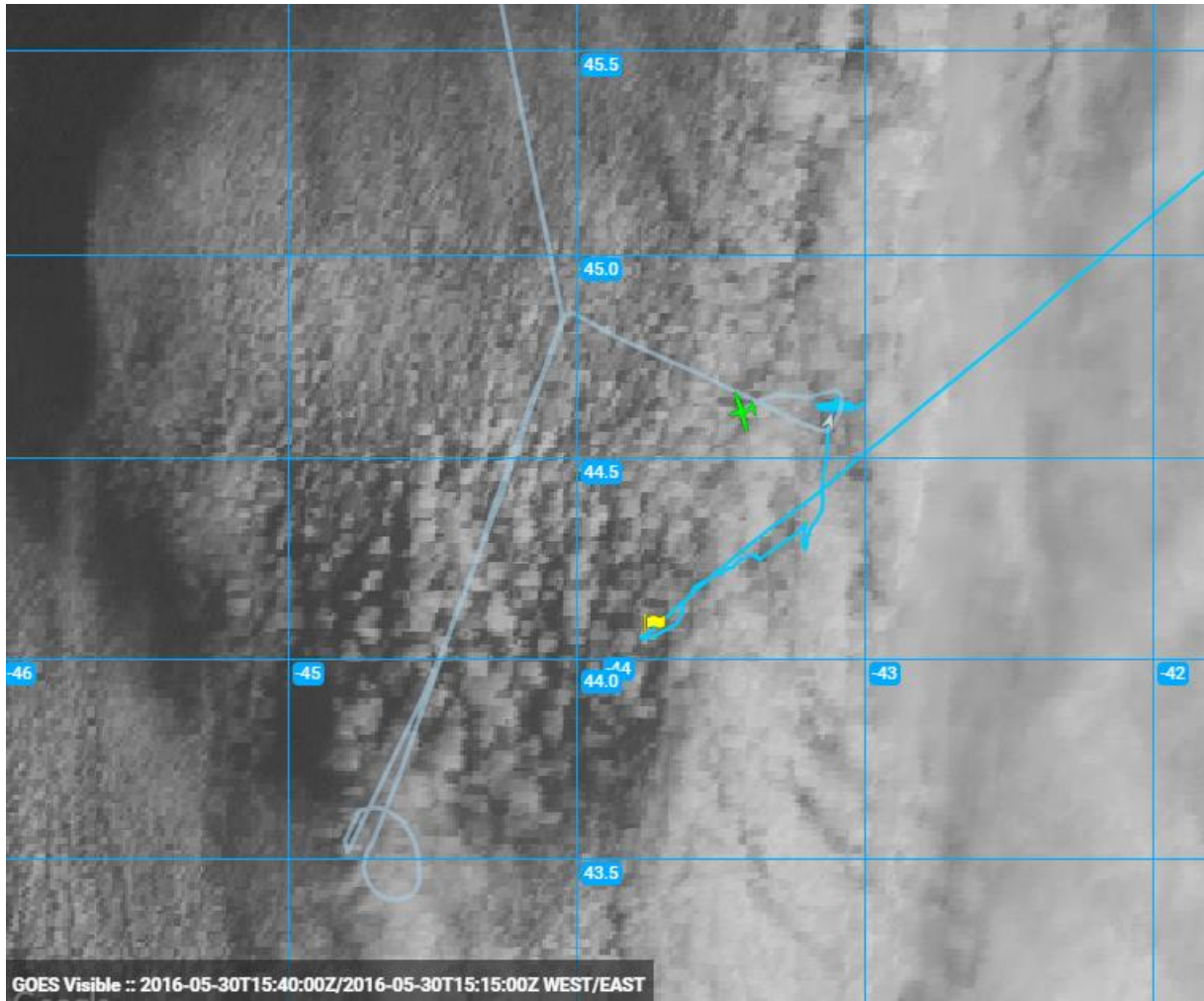
1450Z_SpiralDown



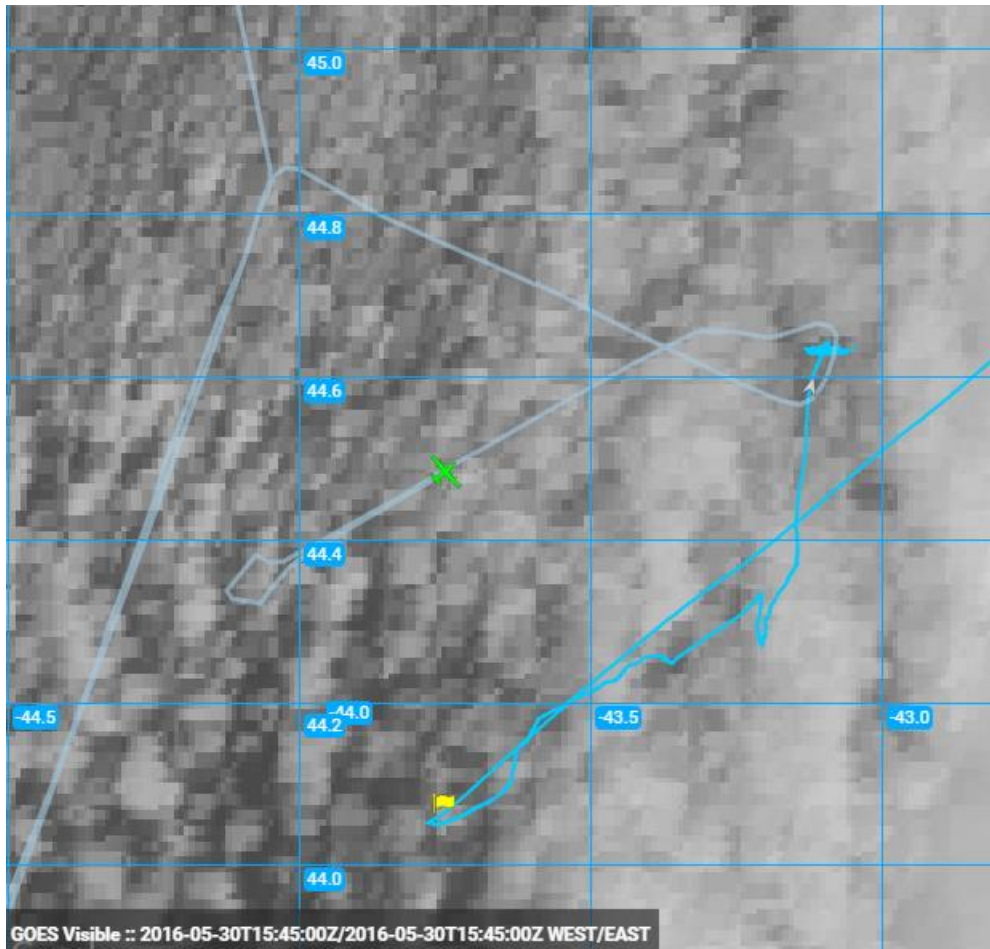
1515Z_LowLevelZPatternLeg



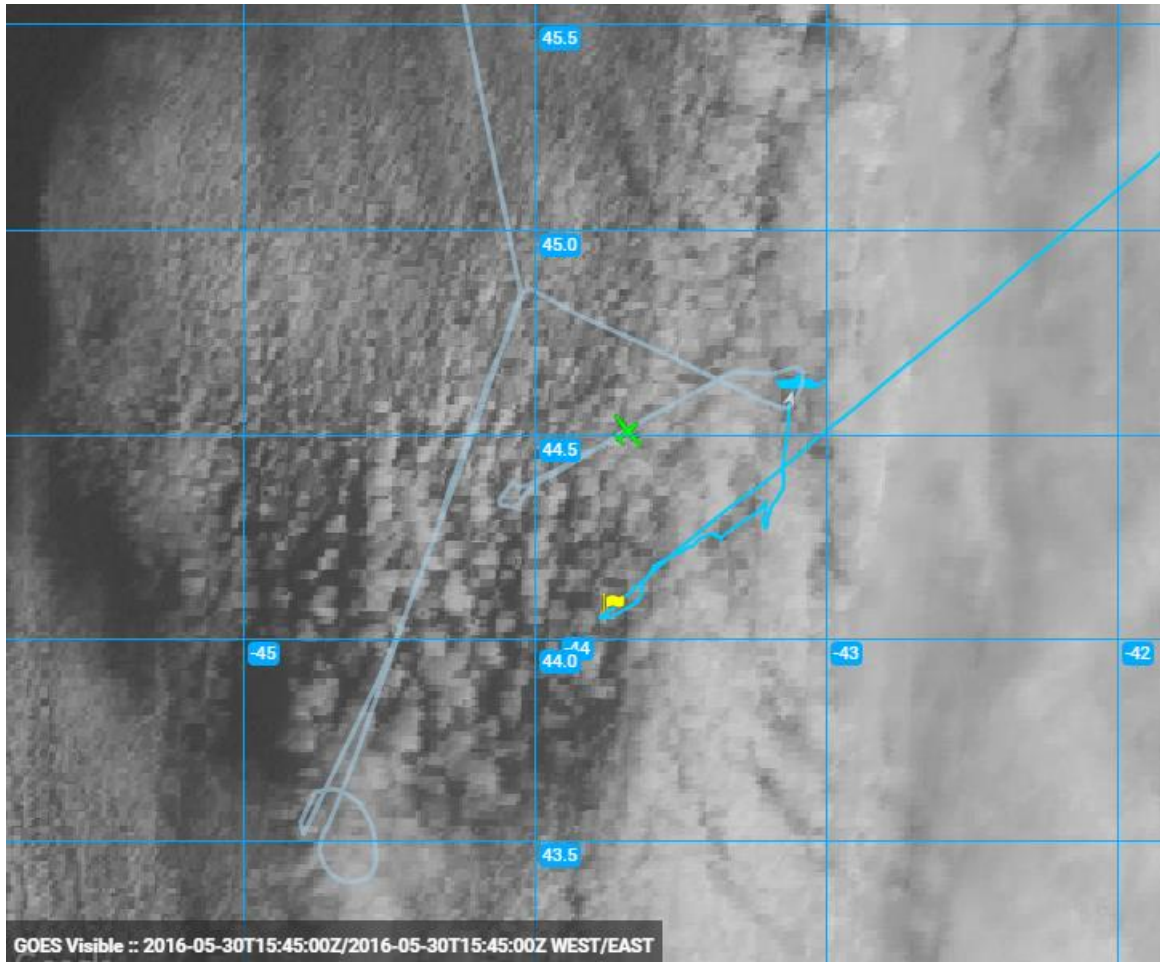
1545Z_LowLevelNearTheShip



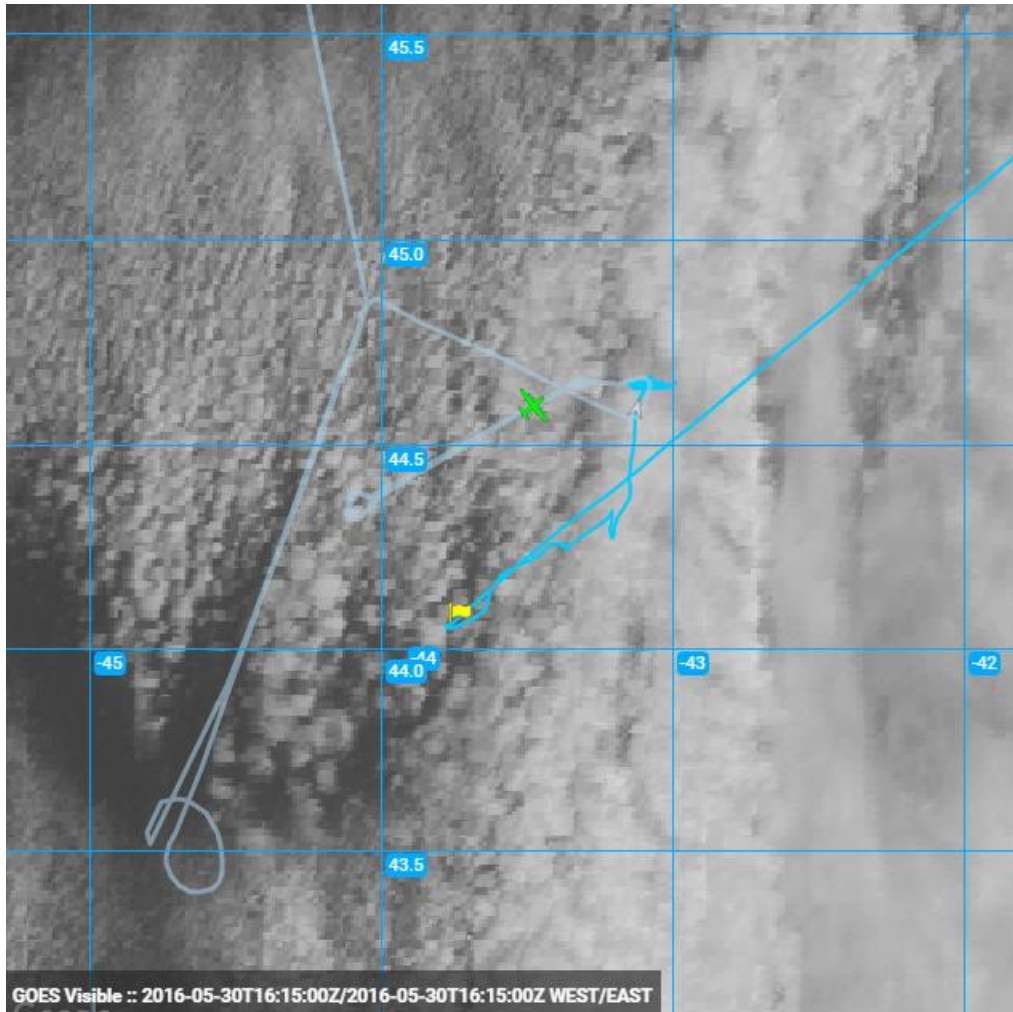
1550Z_StartCloudModule



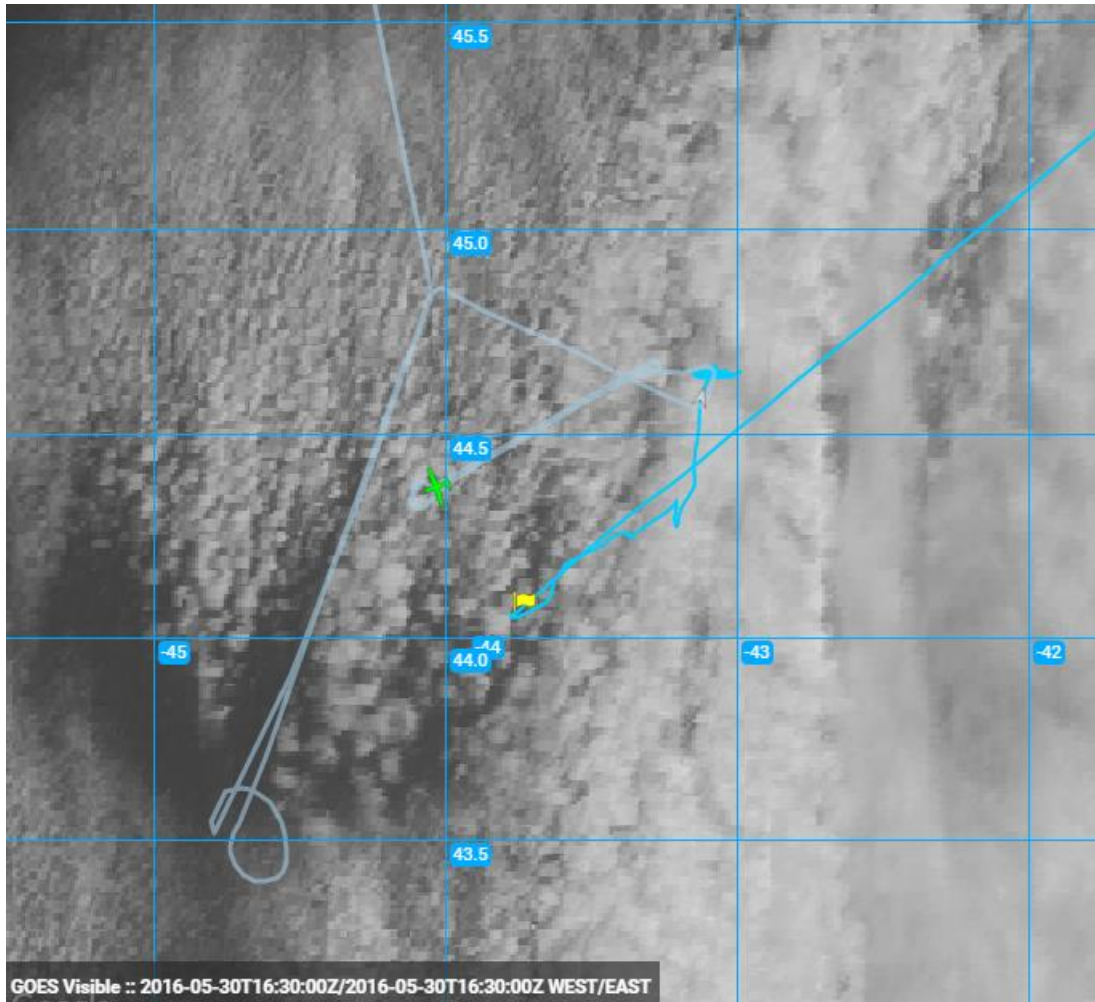
1605Z_CloudModule



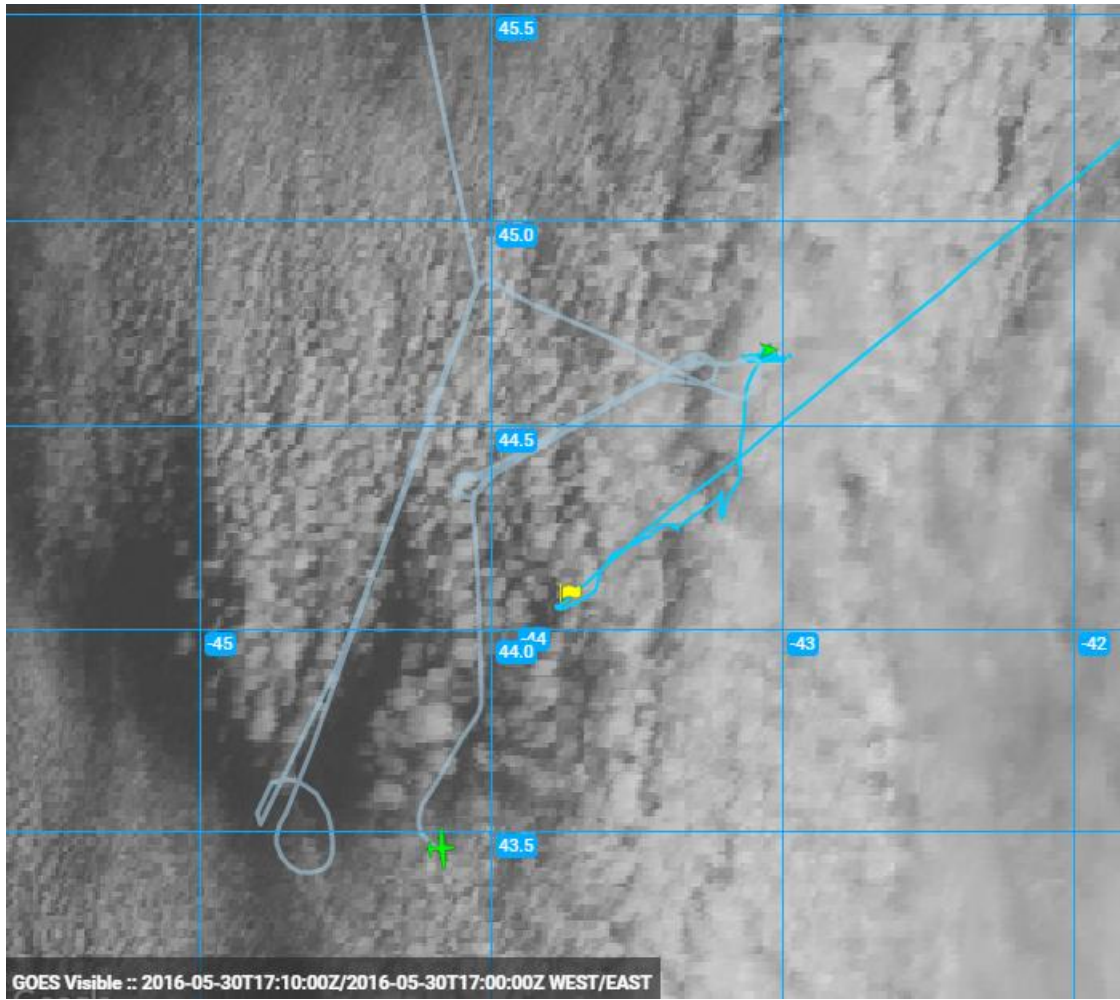
1605Z_CloudModule_BiggerView



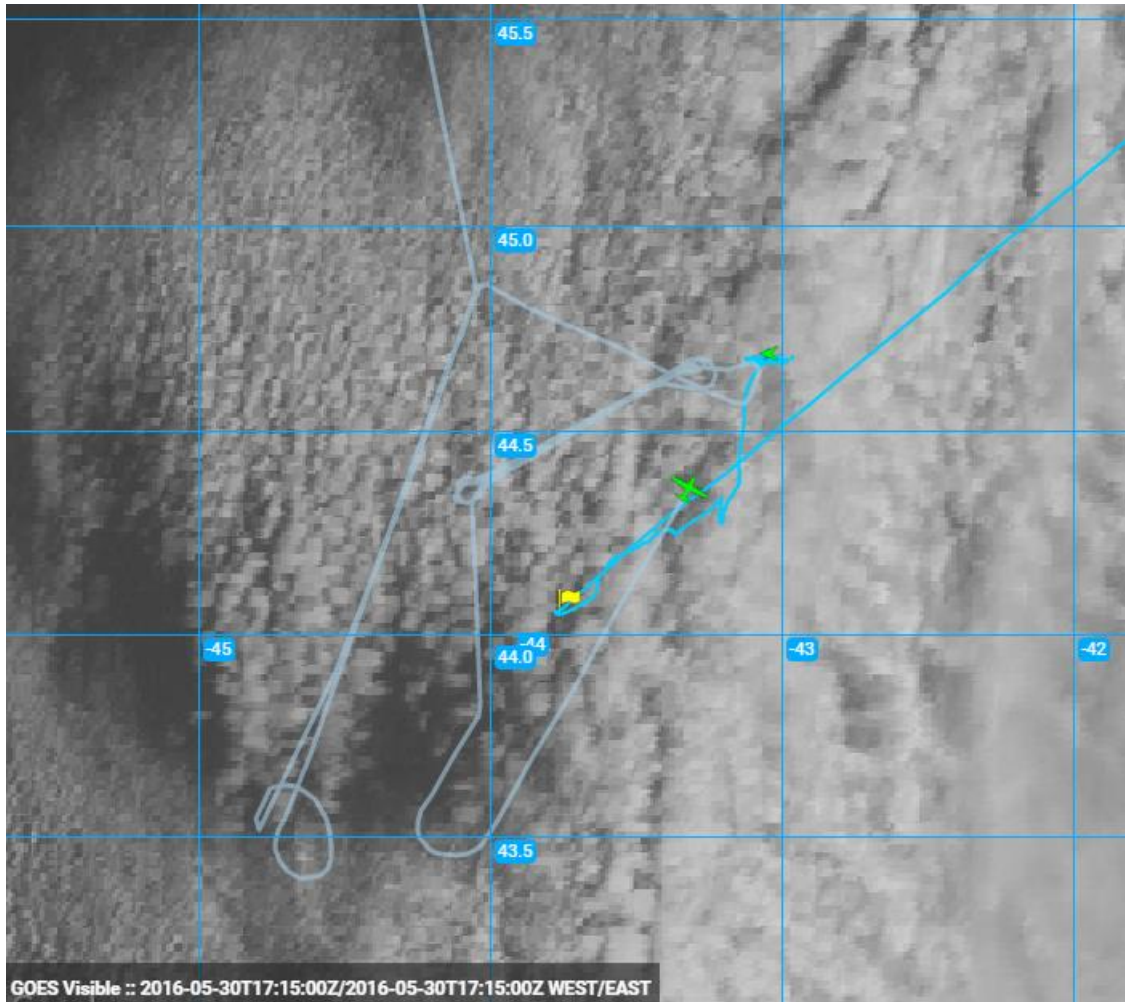
1635Z_CloudModule



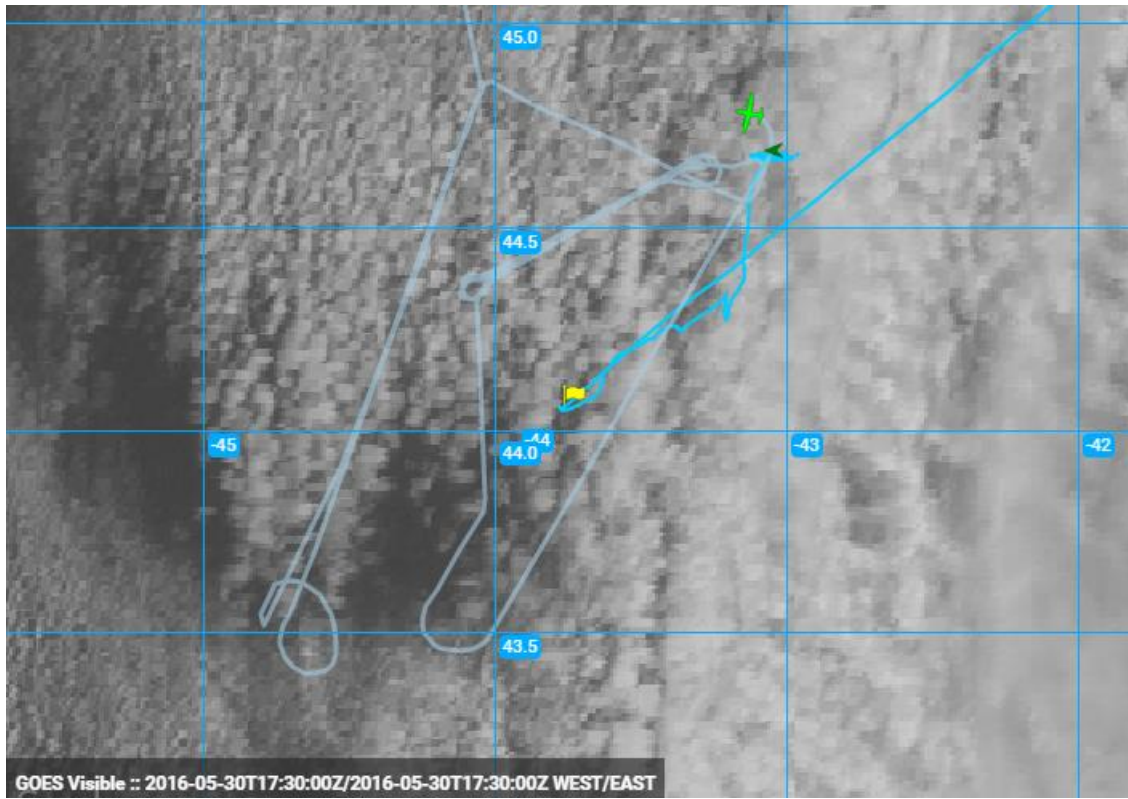
1650Z_CloudModule



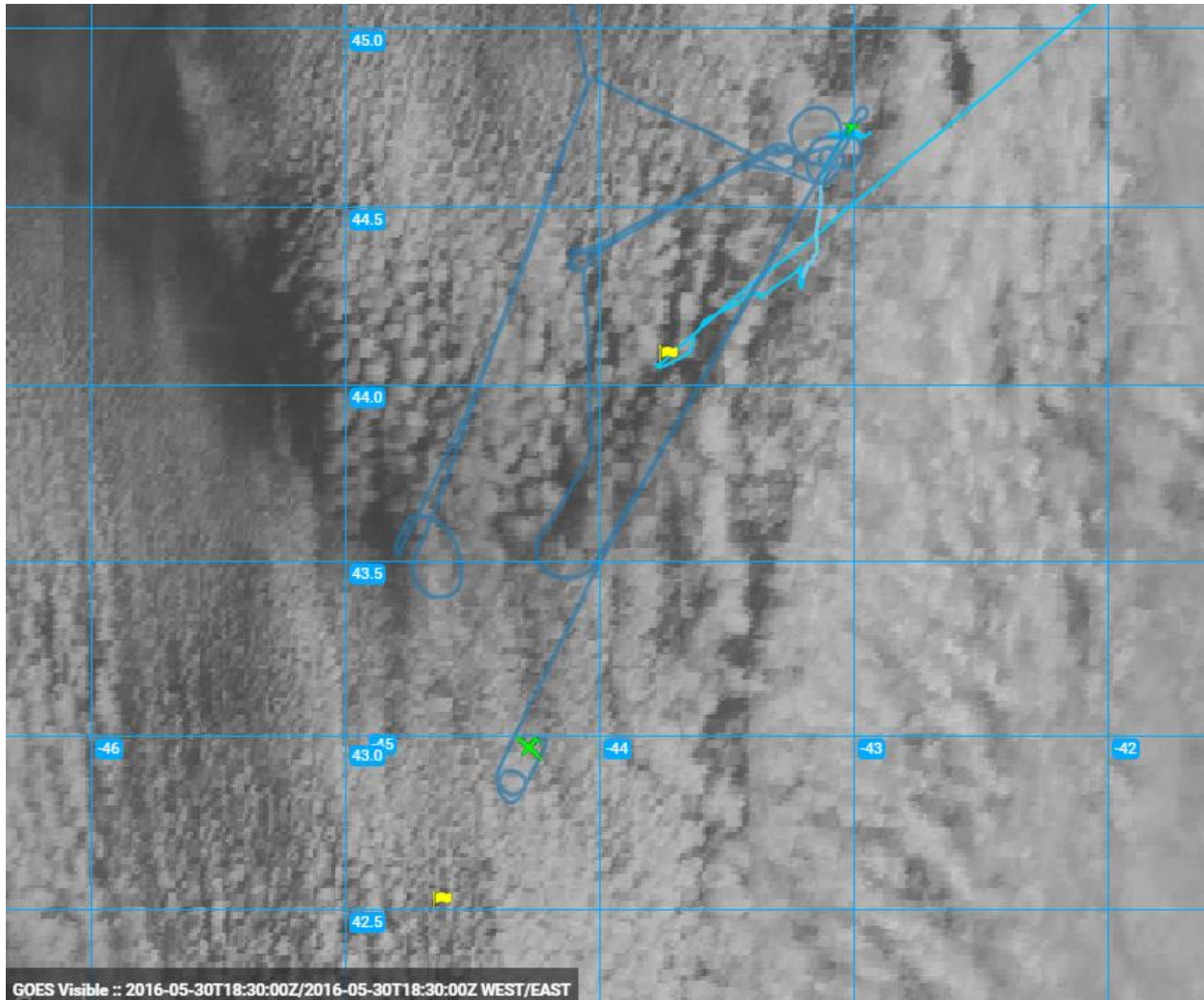
1720Z_SettingUpForHighAltZpattern



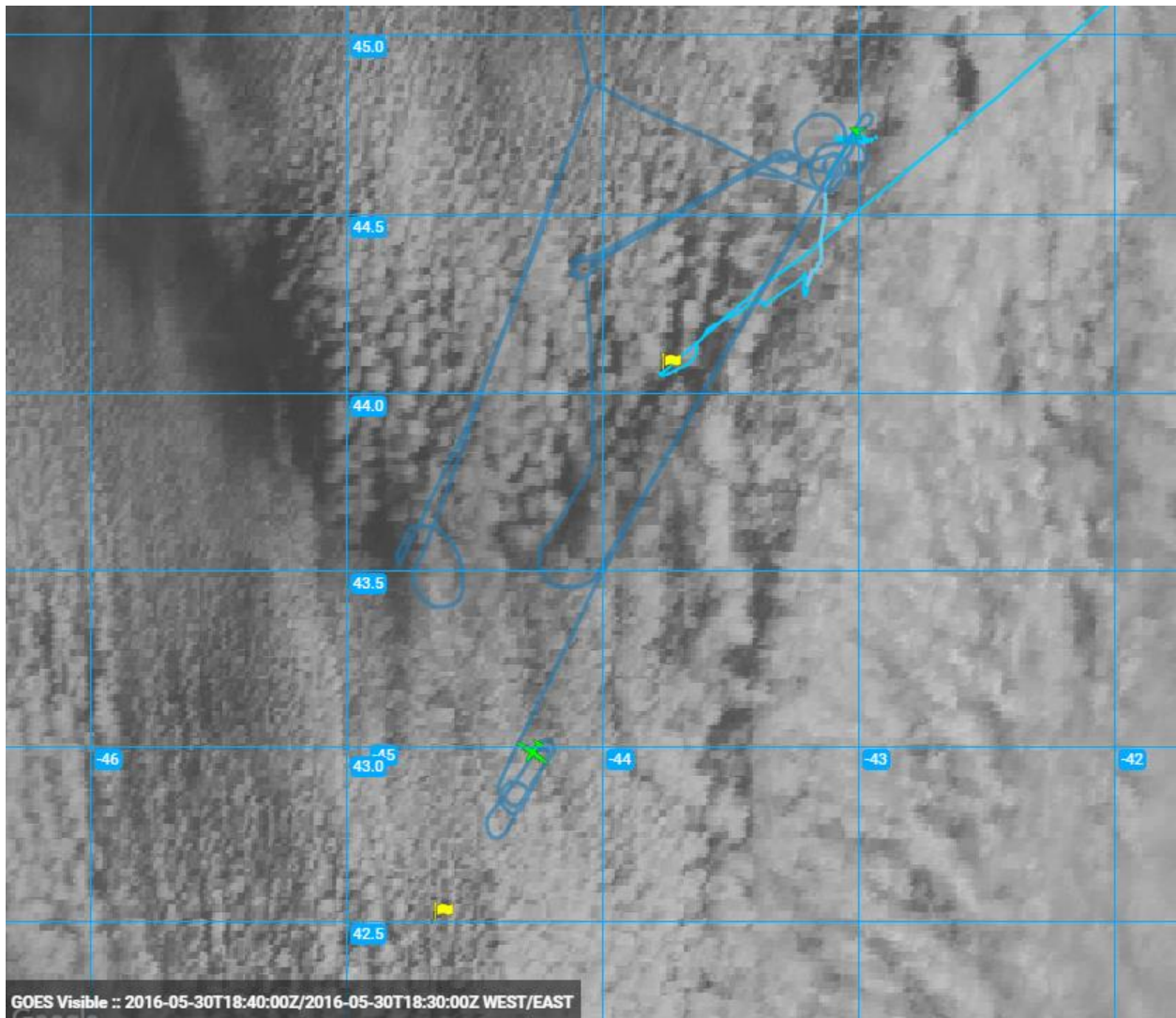
1735Z_HighAltZpattern



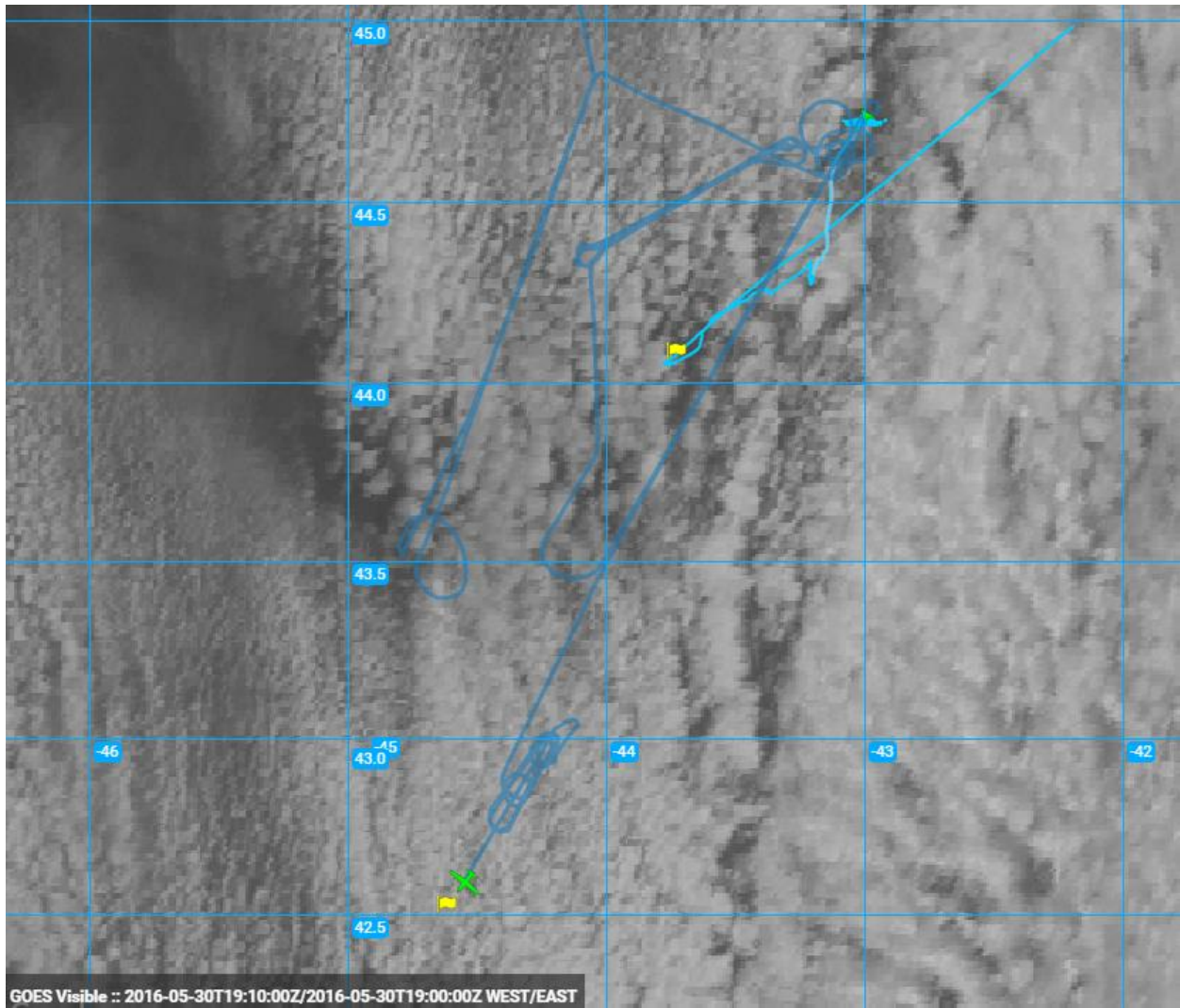
1740Z_SpiralDown



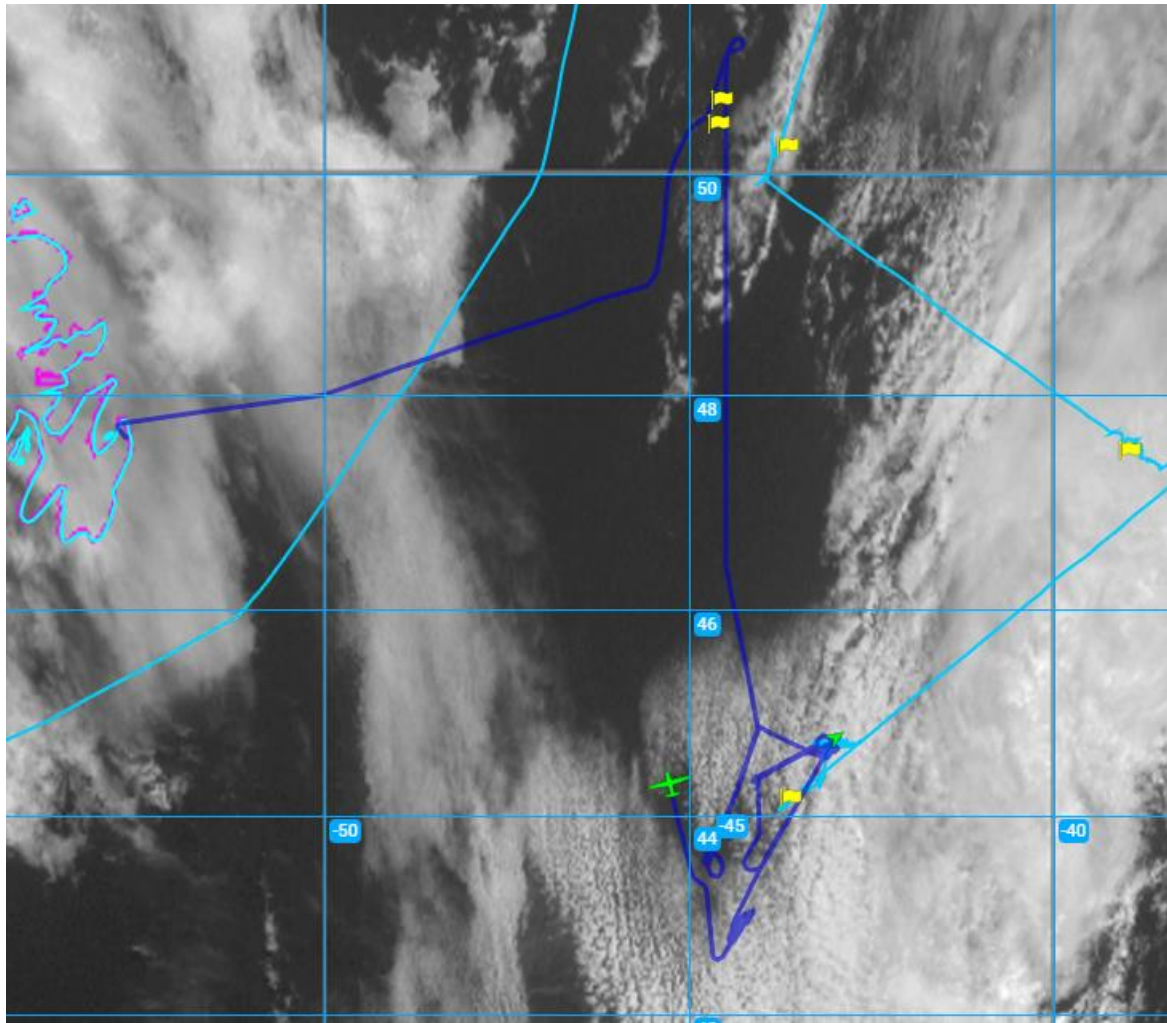
1845Z_MiniCloudModule



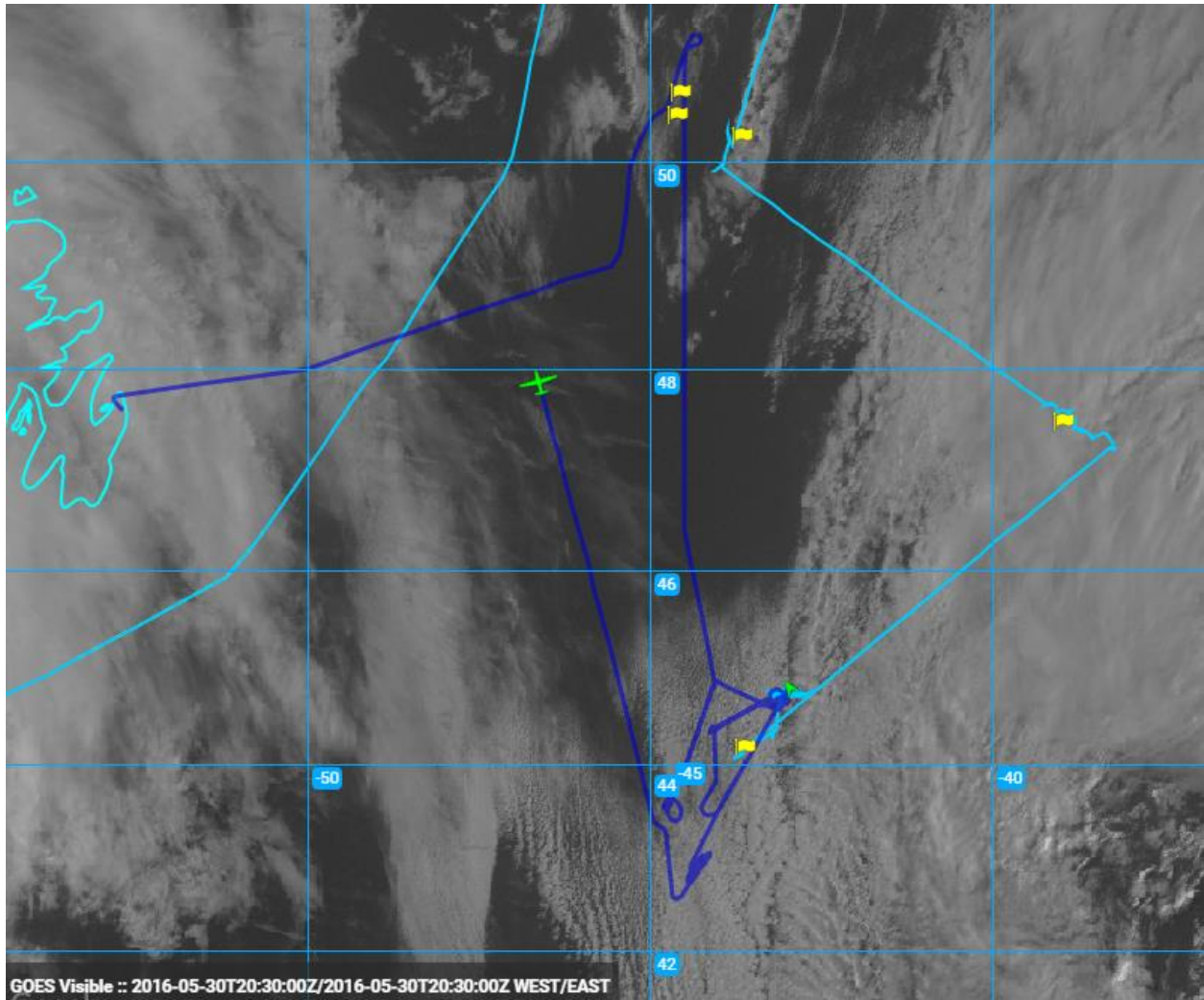
1855Z_MiniCloudModule



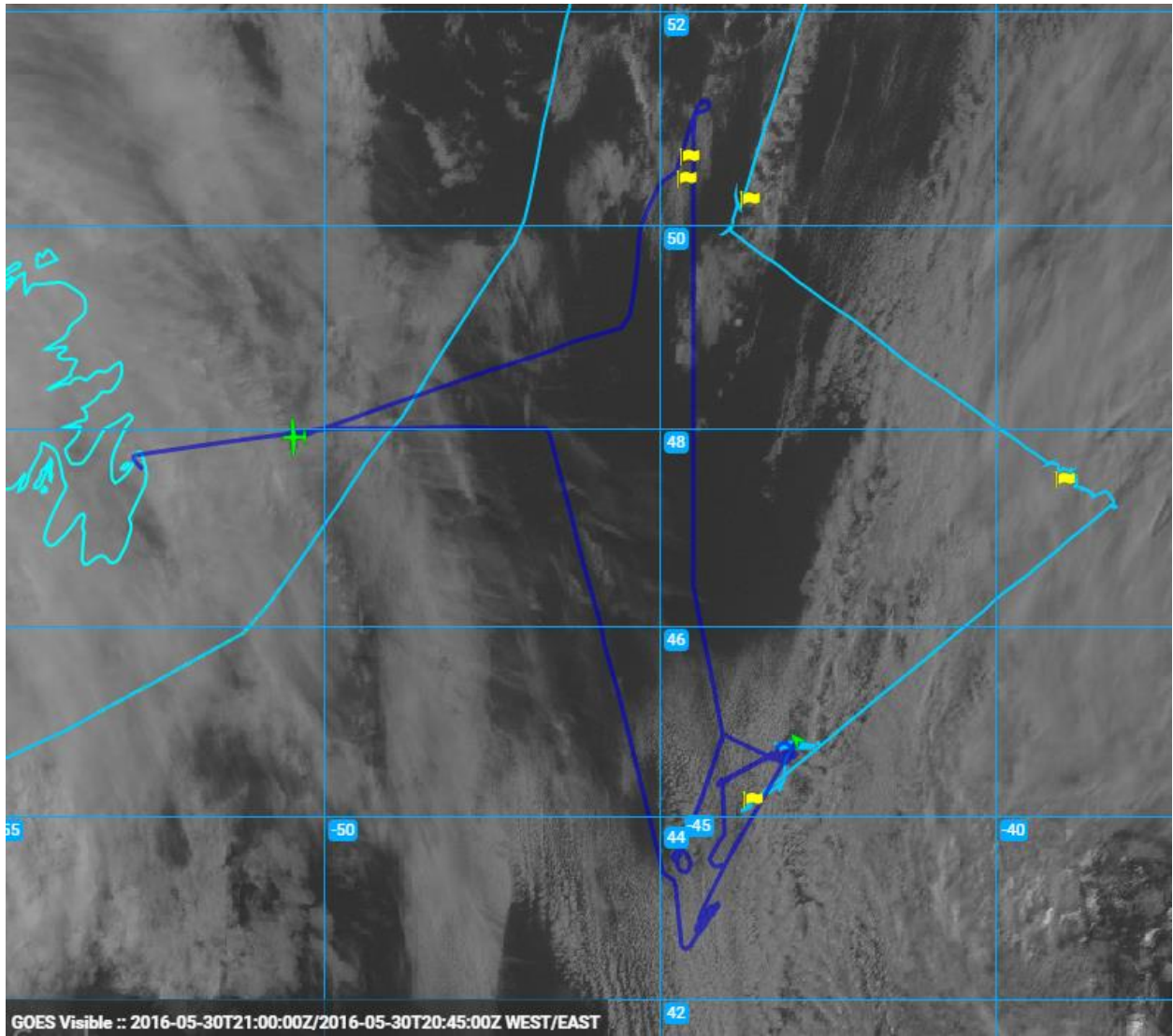
1920Z_SettingUpForCALIPSOTrack



1955Z_AlongCALIPSOTrack



2050Z_AlongCALIPSOTrack



2125Z_RTb