

## NAAMES Mission C-130 Flight Report

From: CYYT

To: CYYT

Start: 06/01/16 10:50Z

Finish: 06/01/16 21:10Z

Flight Time: 10.3 hours

Log Number: 161008

PI: Mike Behrenfeld

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

Official Flight Report Logged At:

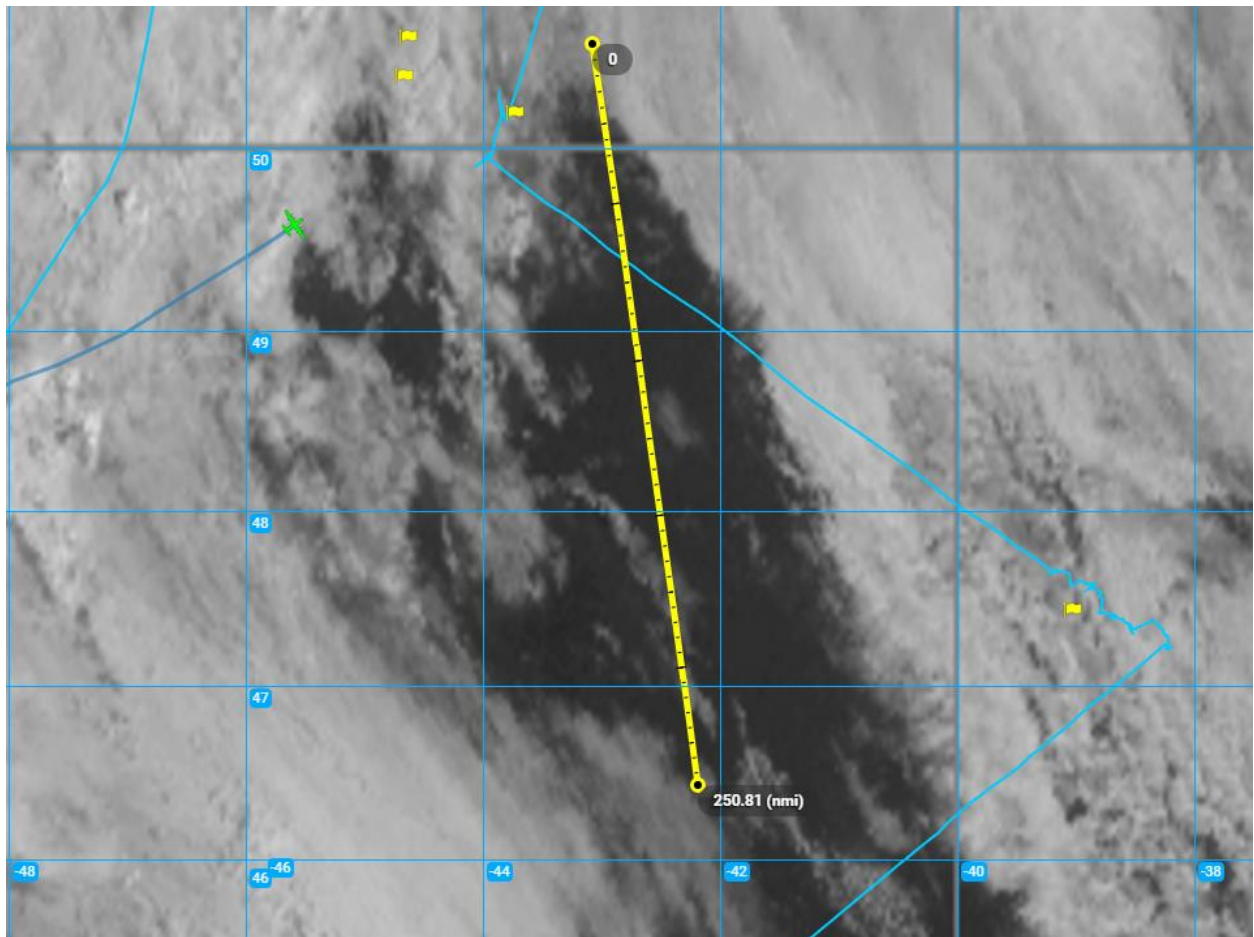
[https://airbornescience.nasa.gov/flight\\_reports/C-130H\\_Hercules\\_439\\_06\\_01\\_16](https://airbornescience.nasa.gov/flight_reports/C-130H_Hercules_439_06_01_16)

### Flight Hour Summary:

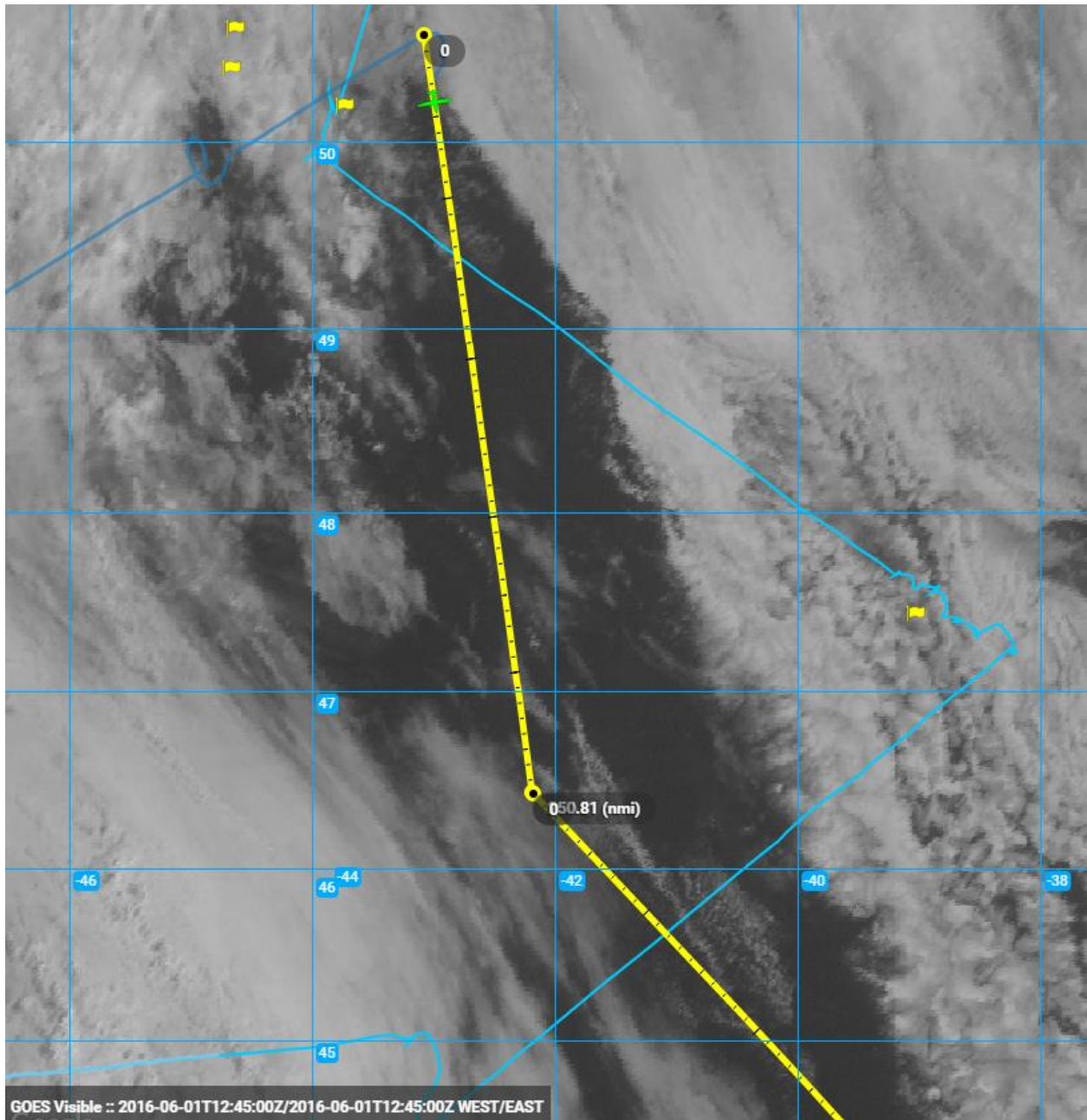
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
04/08/16	NAAMES Langley Transit	Ferry	1	1	69
05/12/16	NAAMES Airworthiness Test Flight	Check	0.9	1.9	68.1
05/13/16	NAAMES Project Test Flight/Transit	Transit	8.4	10.3	59.7
05/18/16	NAAMES Science Flight #1	Science	10.7	21	49
05/19/16	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
06/01/16	NAAMES Science Flight #9	Science	10.3	99.2	-29.2

### Comments:

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

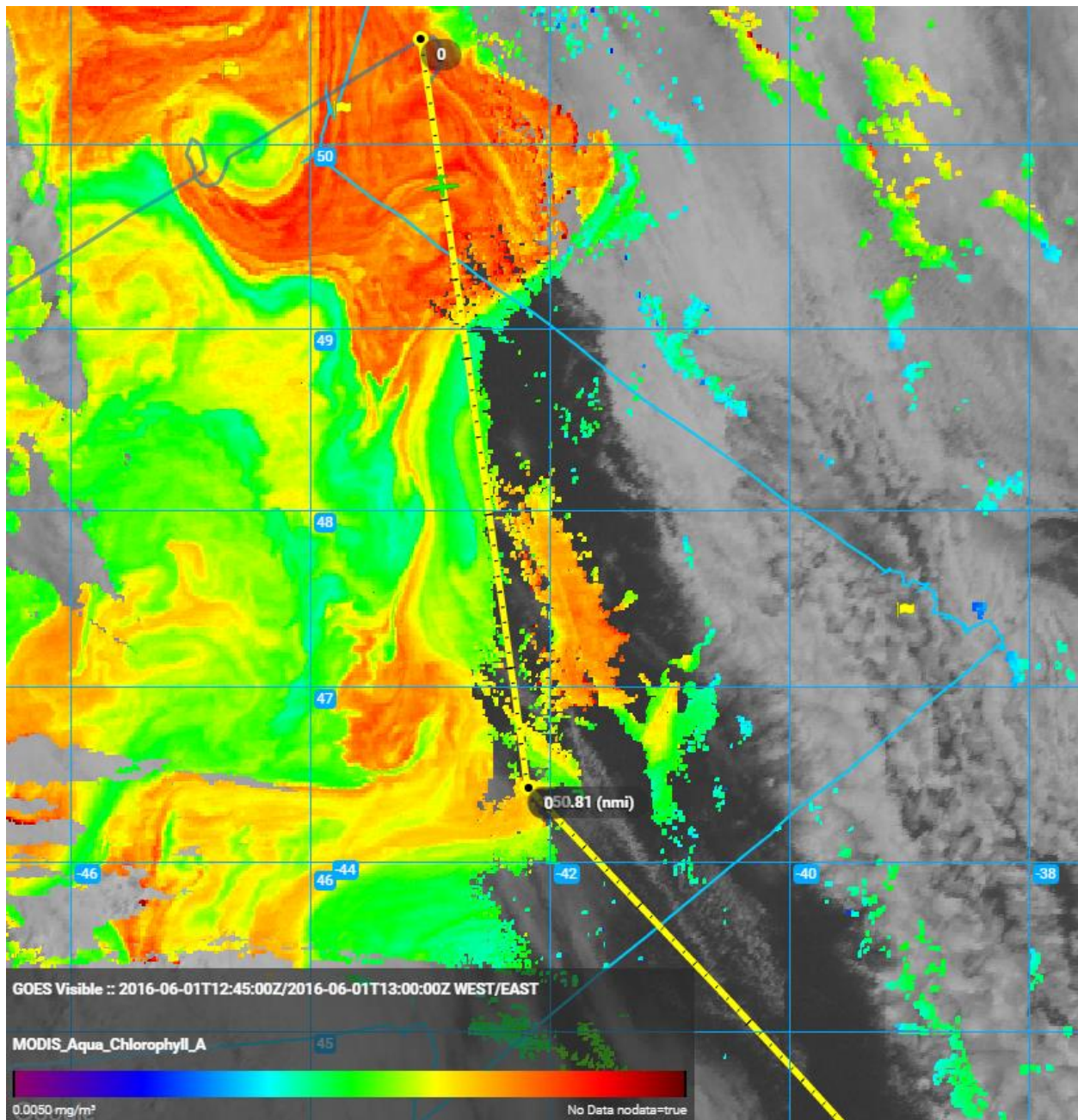


1220Z\_InTheBoxTowardS3

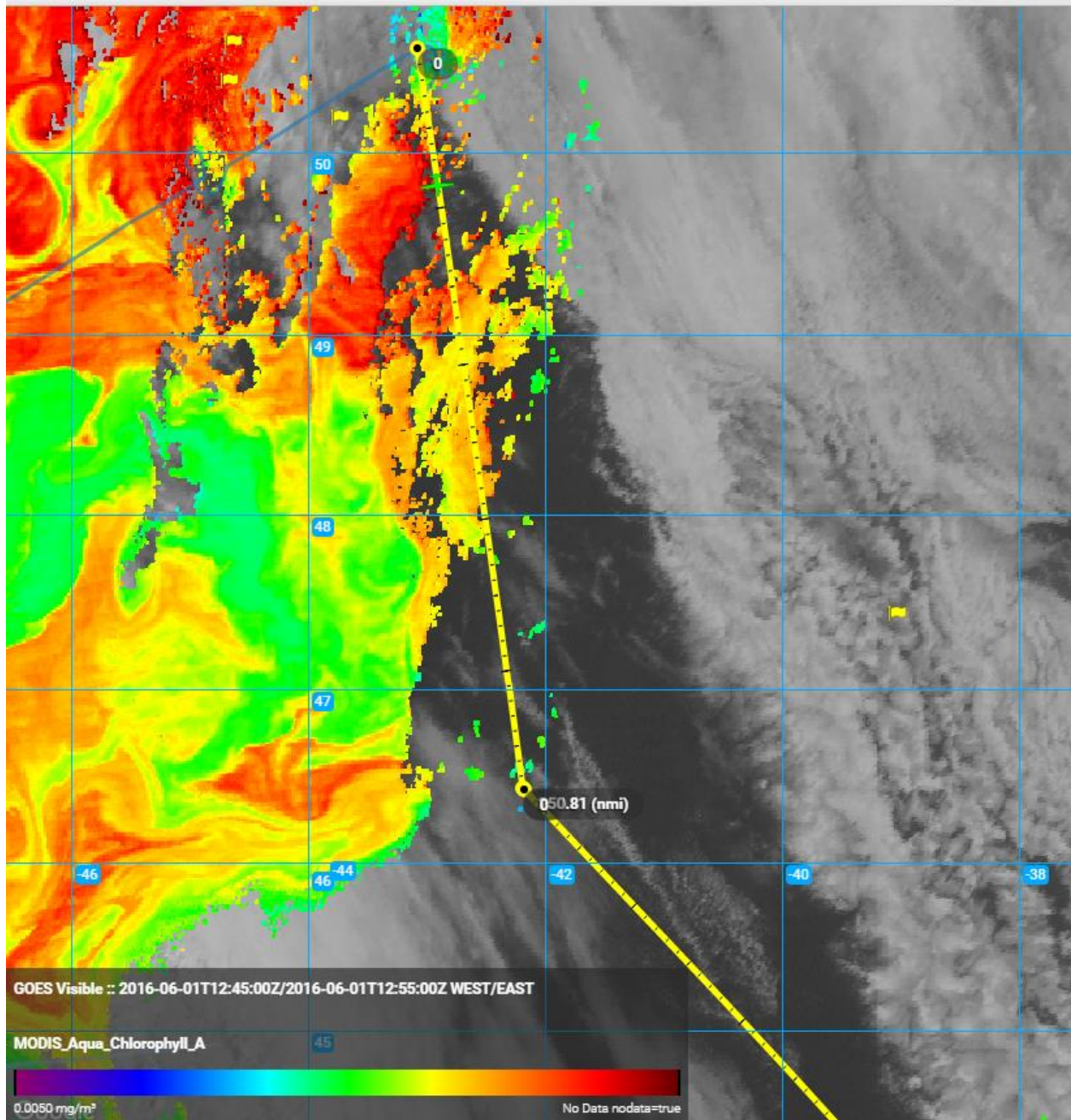


1300Z\_SouthboundHighAltRun



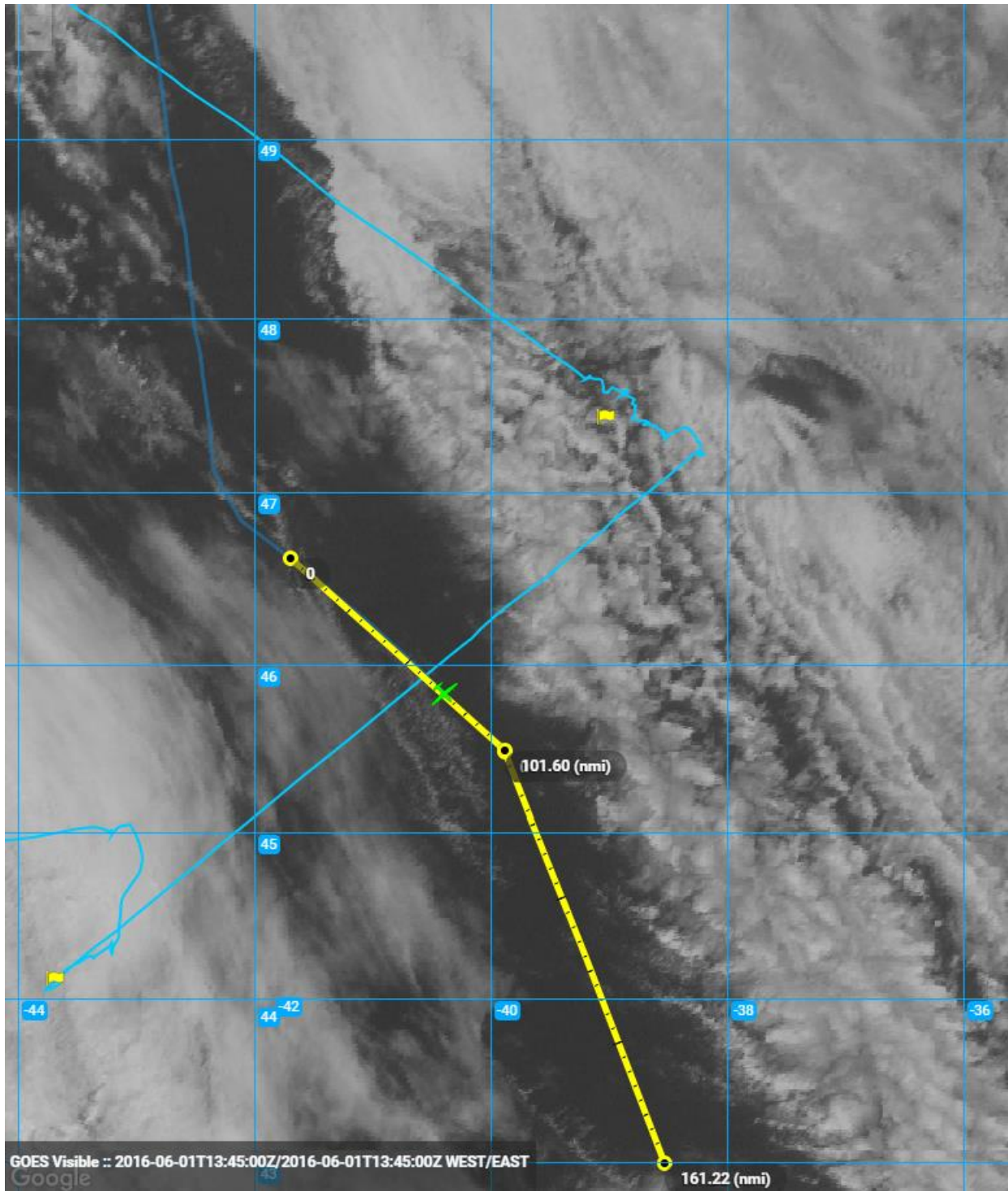


1310Z\_SouthboundHighAltRunWithMay23rdChlorophyll

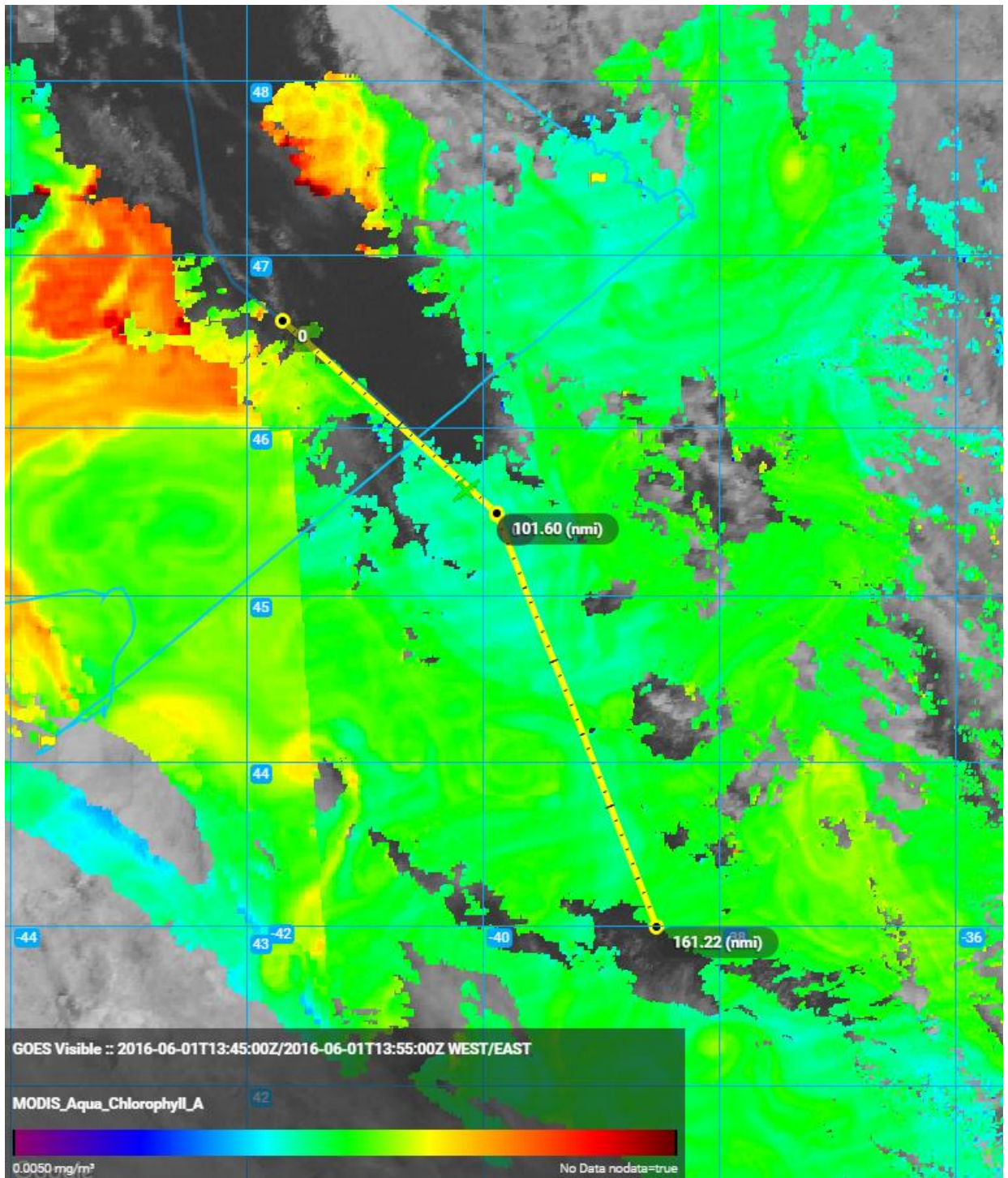


1310Z\_SouthboundHighAltRunWithMay30thChlorophyll



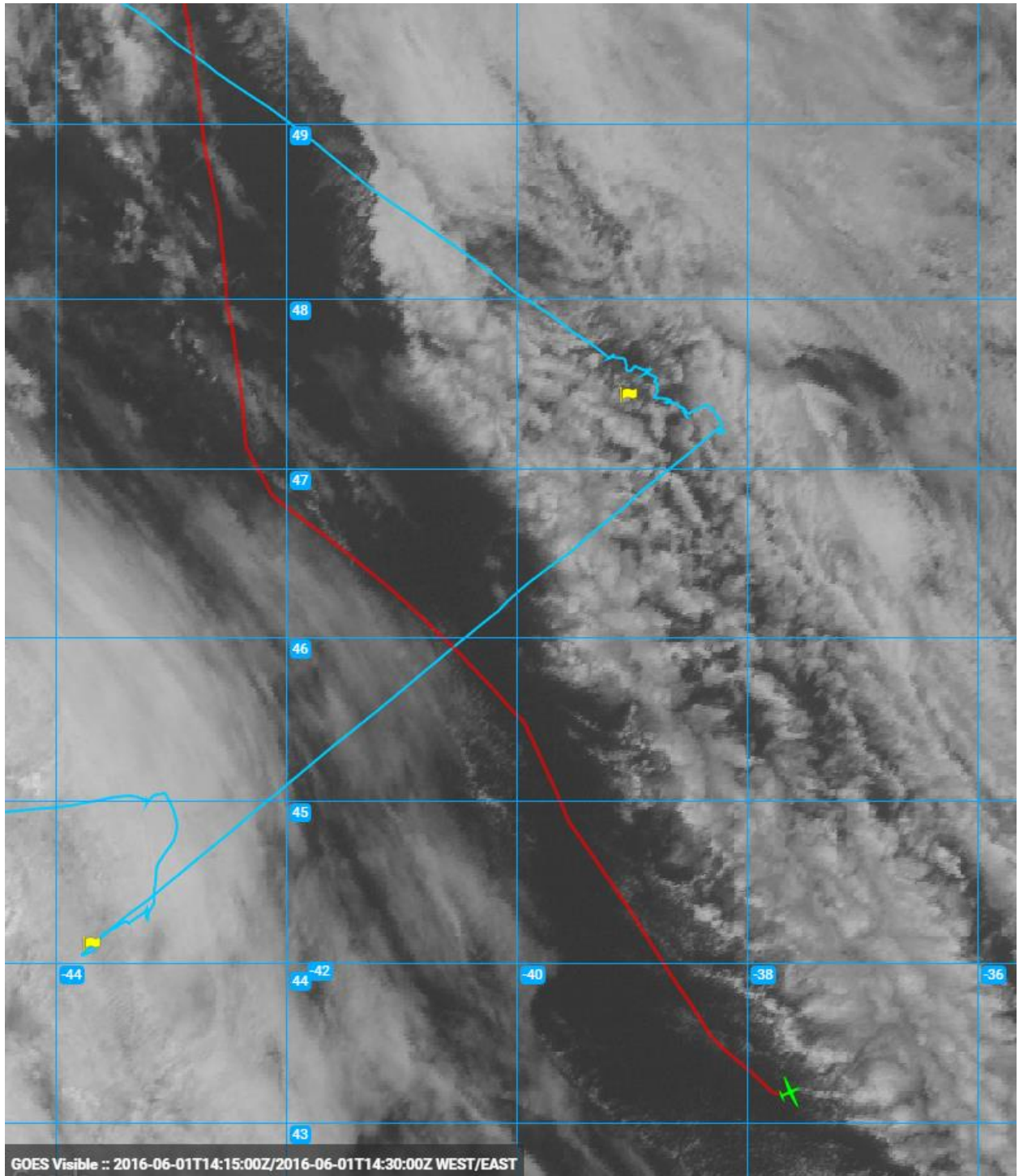


1400Z\_SouthboundHighAltRunOnTheKink



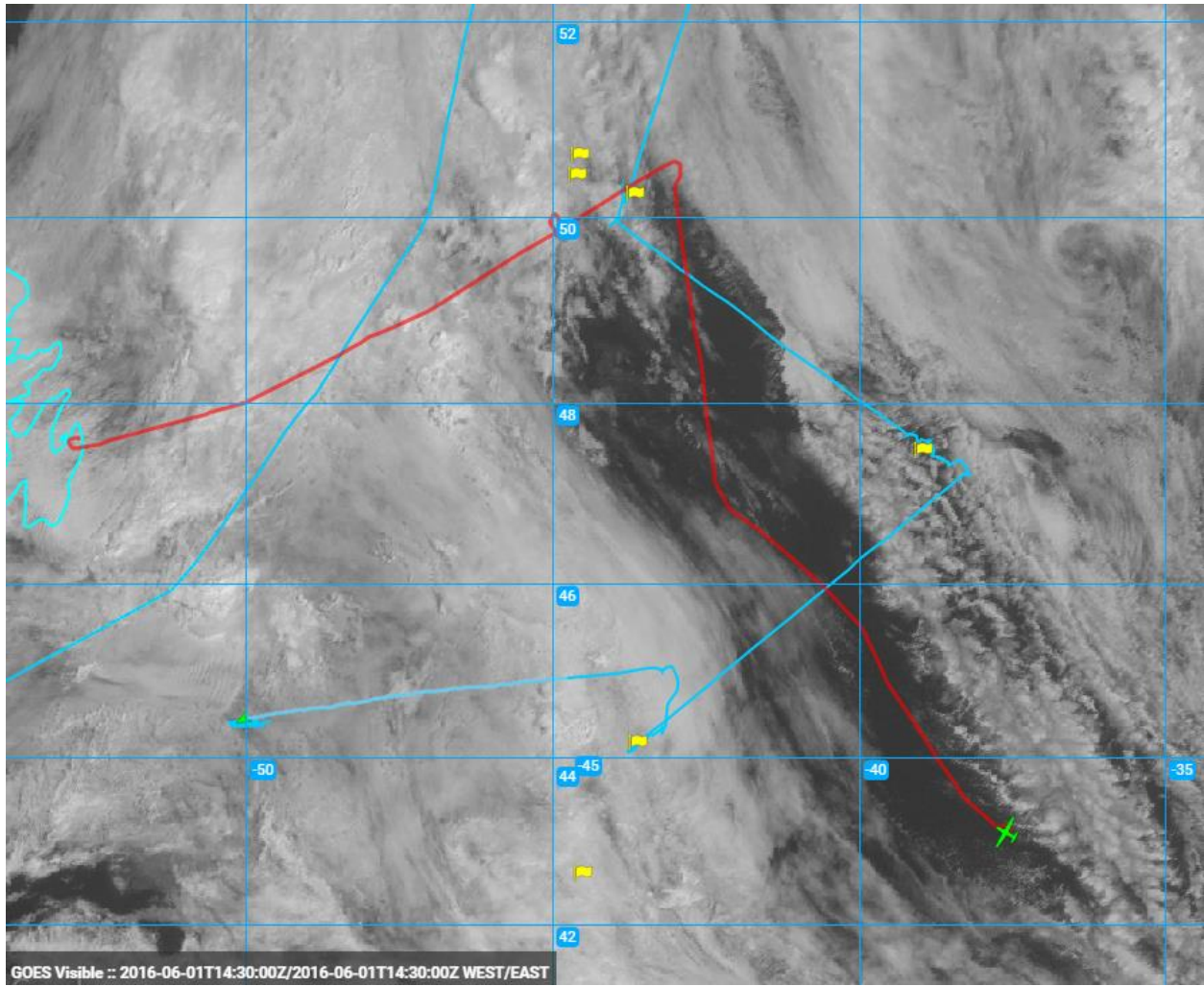
1405Z\_SouthboundHighAltRunOnTheKinkWithMay24thChlorophyll



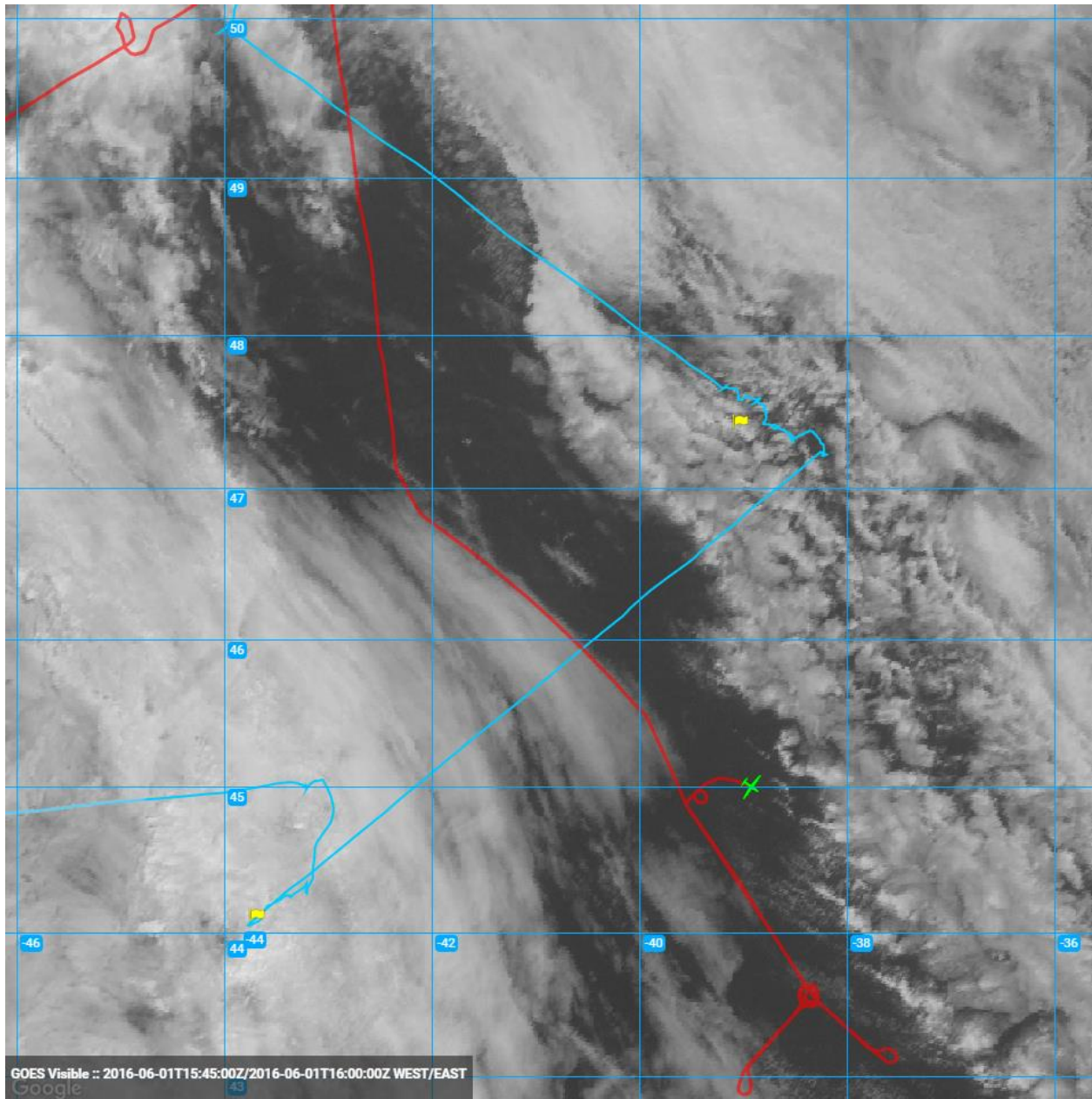


1440Z\_SouthernPointOfHighAltSurvey



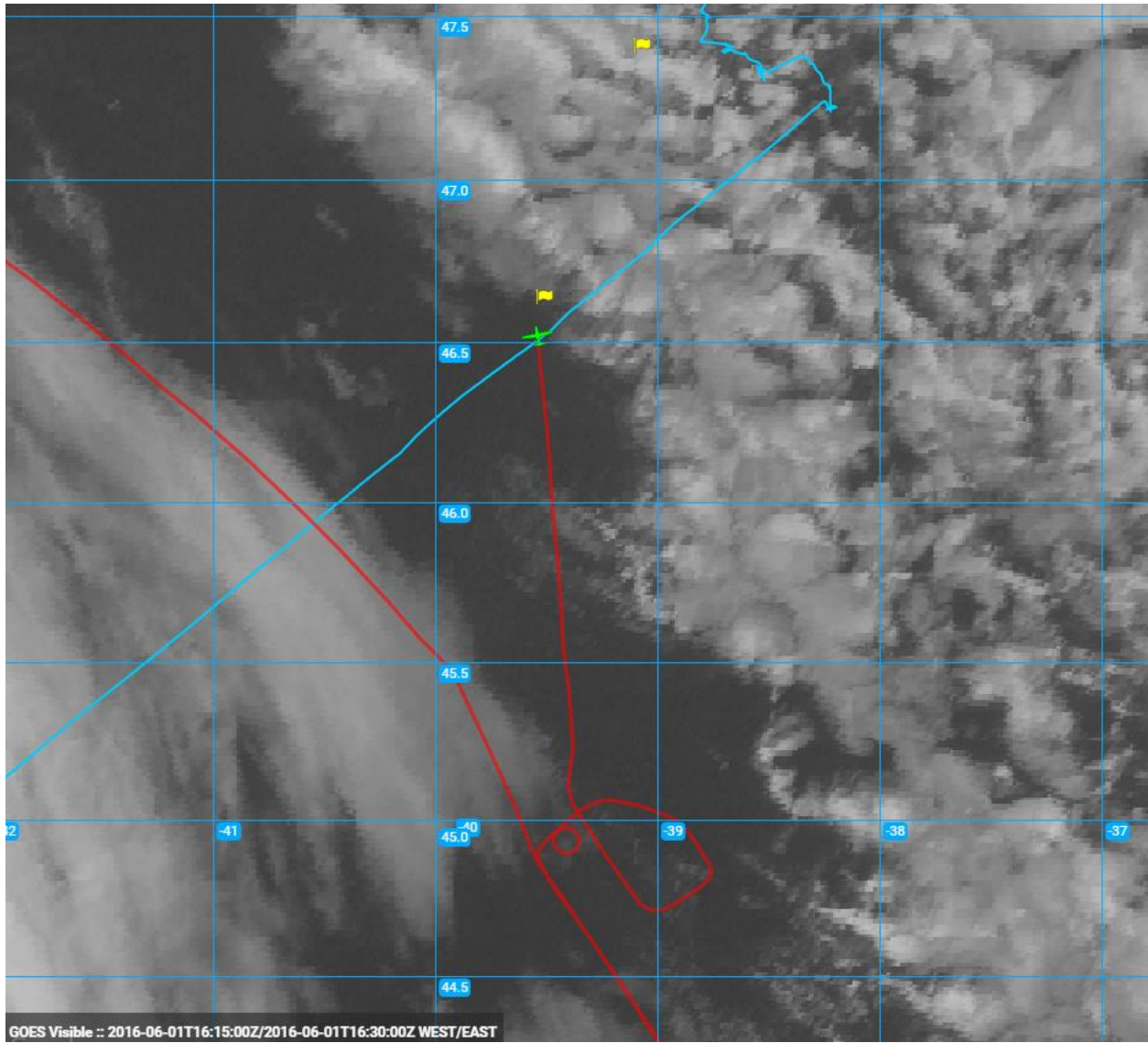


1440Z\_SouthernPointOfHighAltSurvey\_ZoomedOut

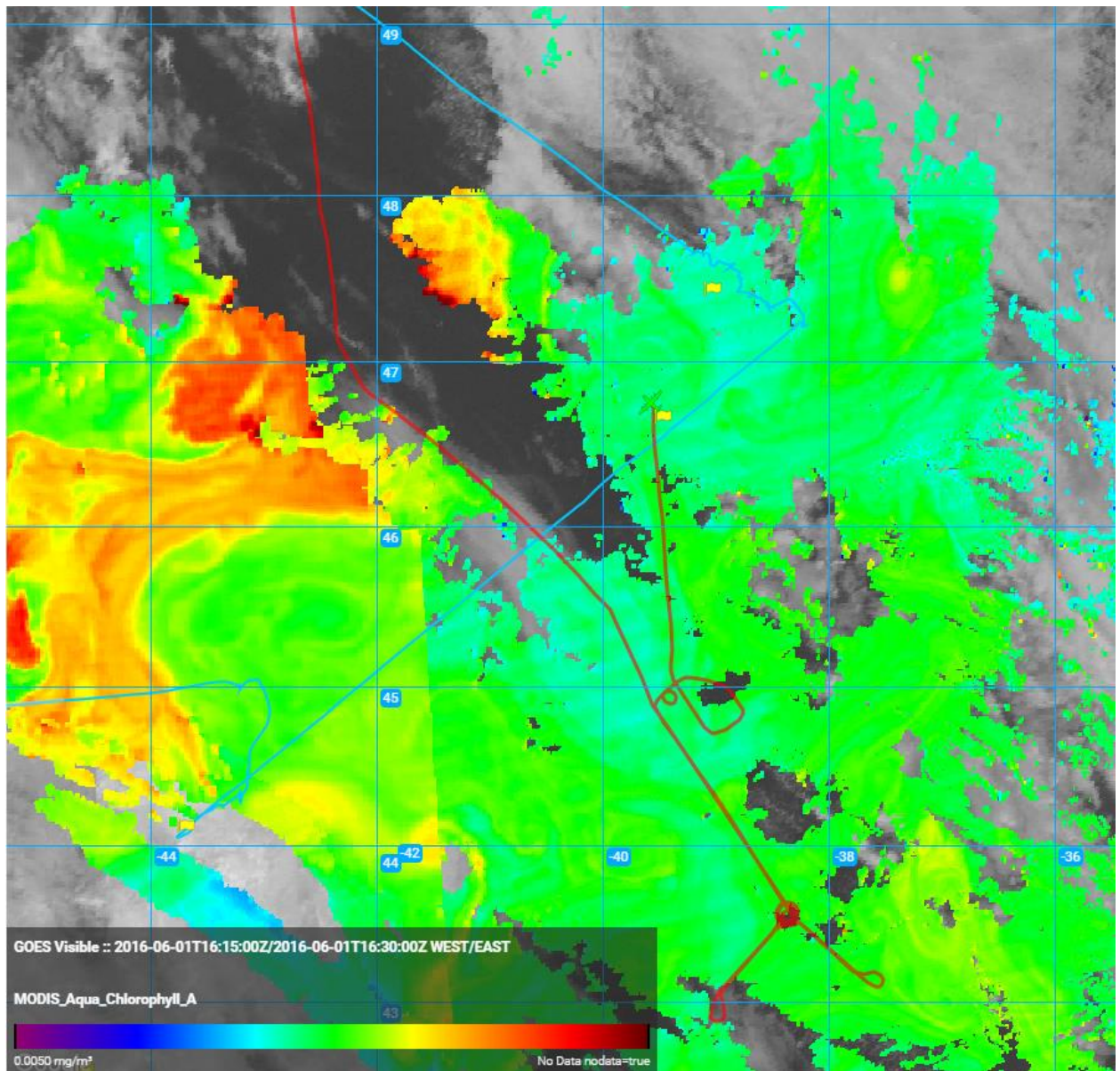


1610Z\_SpiralUpDuringLowAltLeg



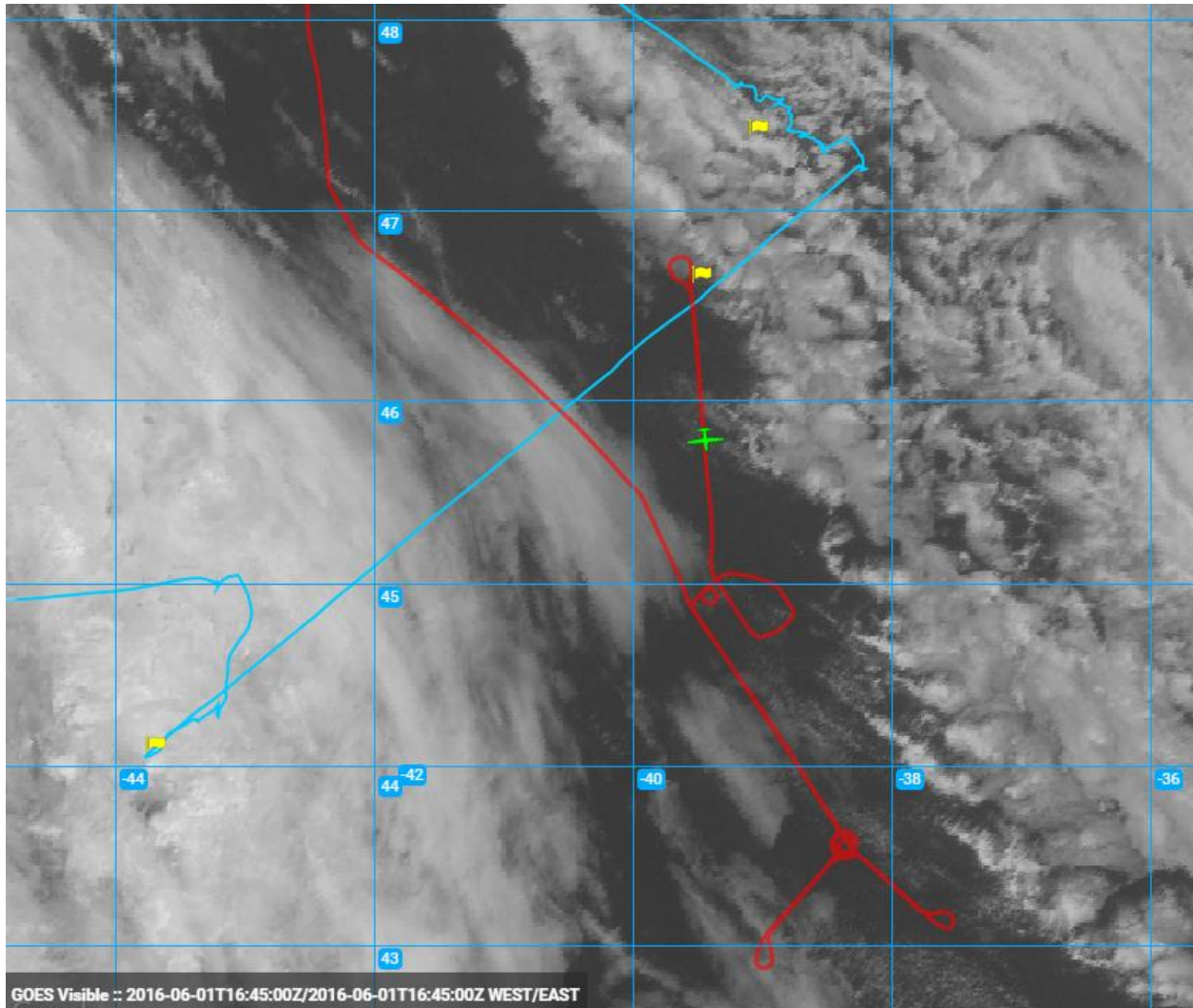


1640Z\_FloatOverflight

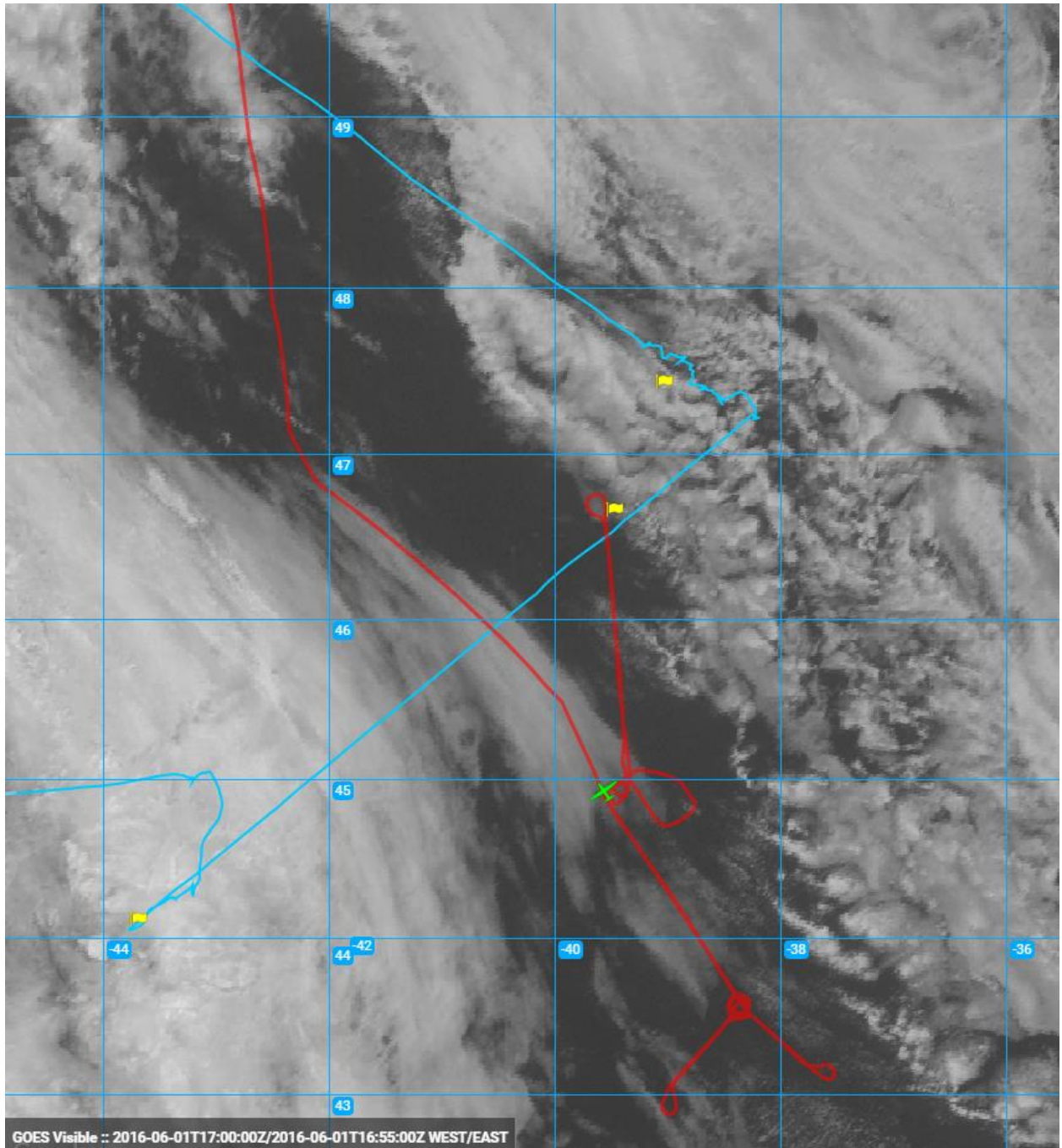


1640Z\_FloatOverflightWithMay24thChlorophyll



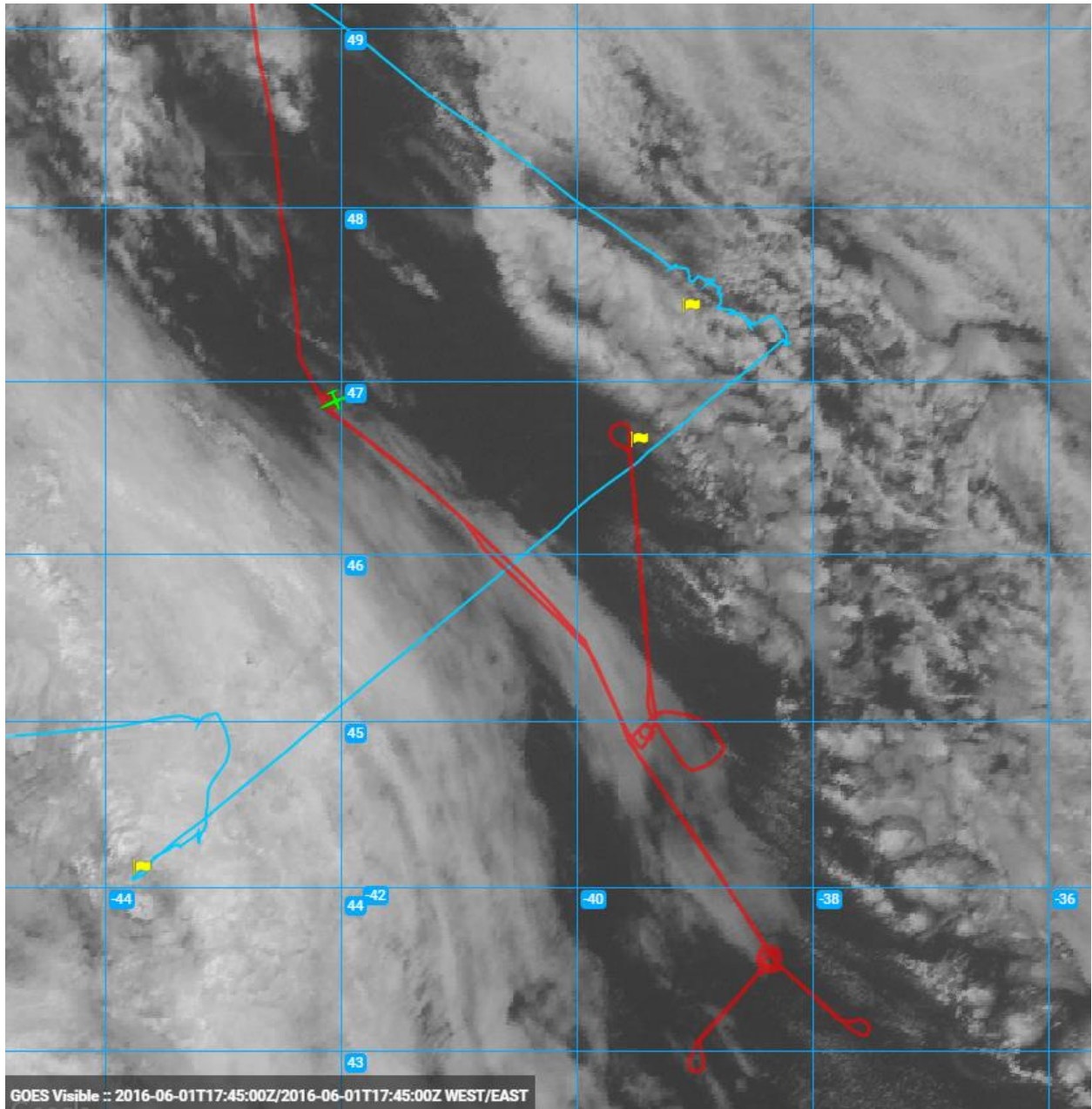


1700Z\_InlineDescentBackDownFromFloatOverflight

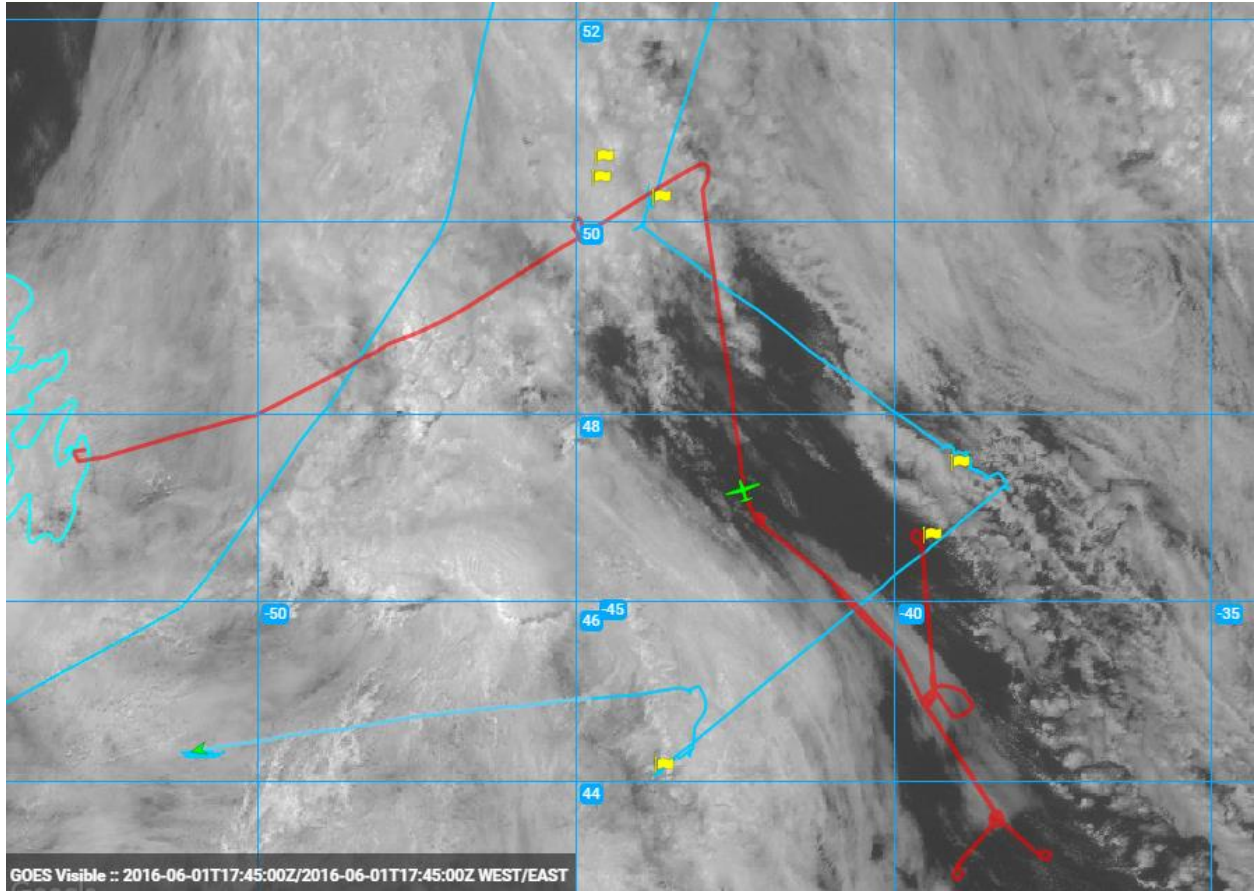


1710Z\_LowLevelBackToTheNorth

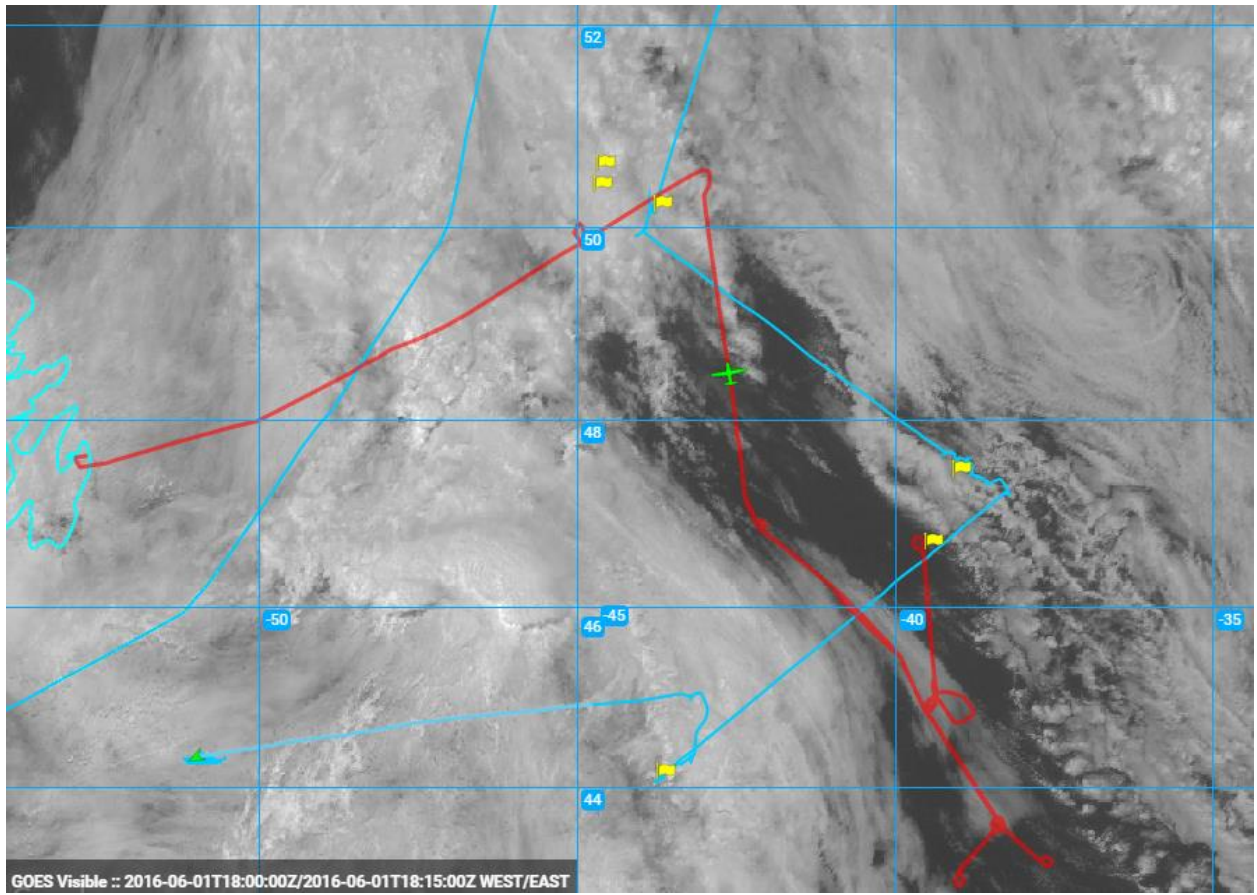




1800Z\_ShortSpiral

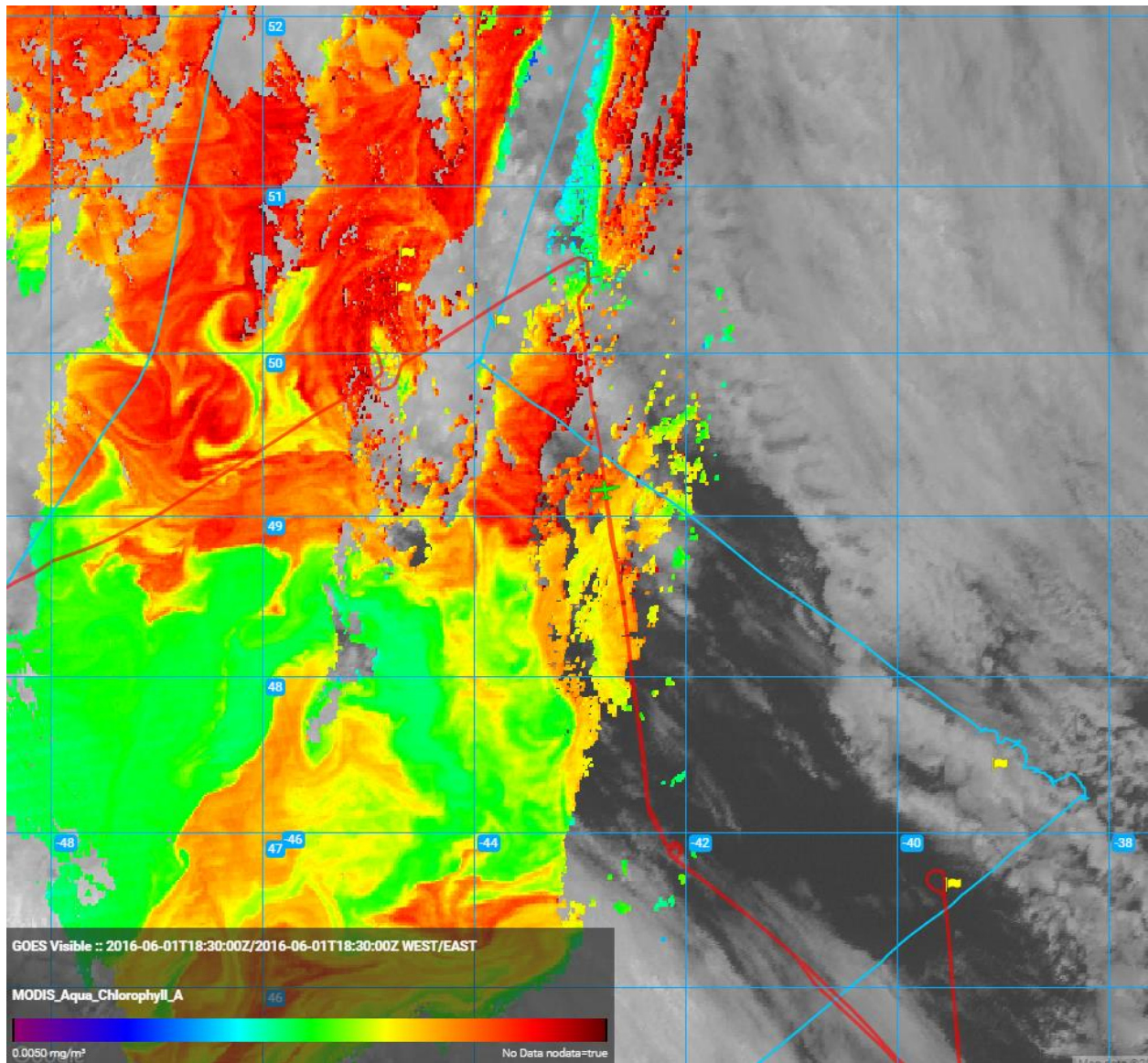


1810Z\_LowLevelLeg

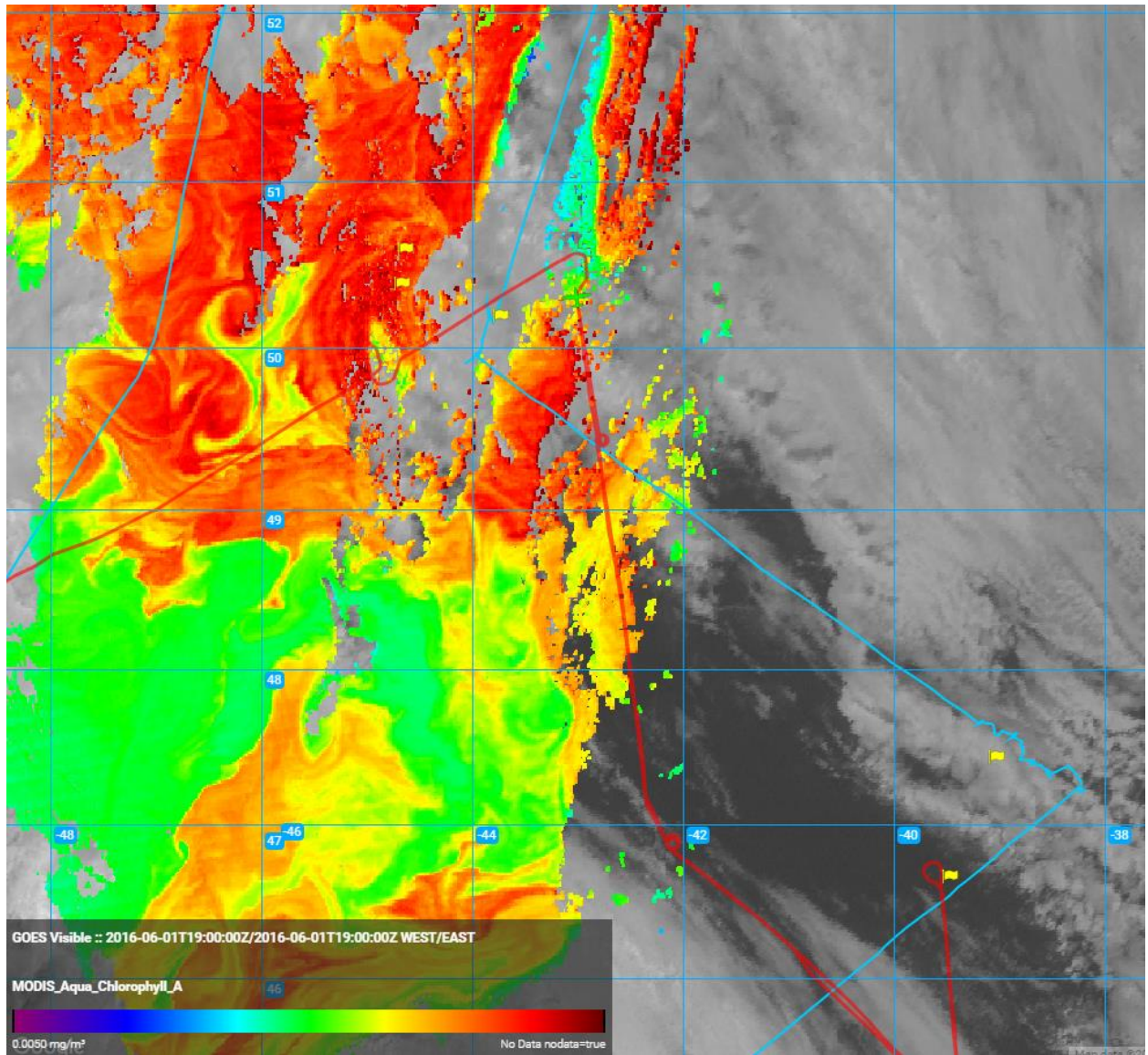


1830Z\_LowLevelLeg



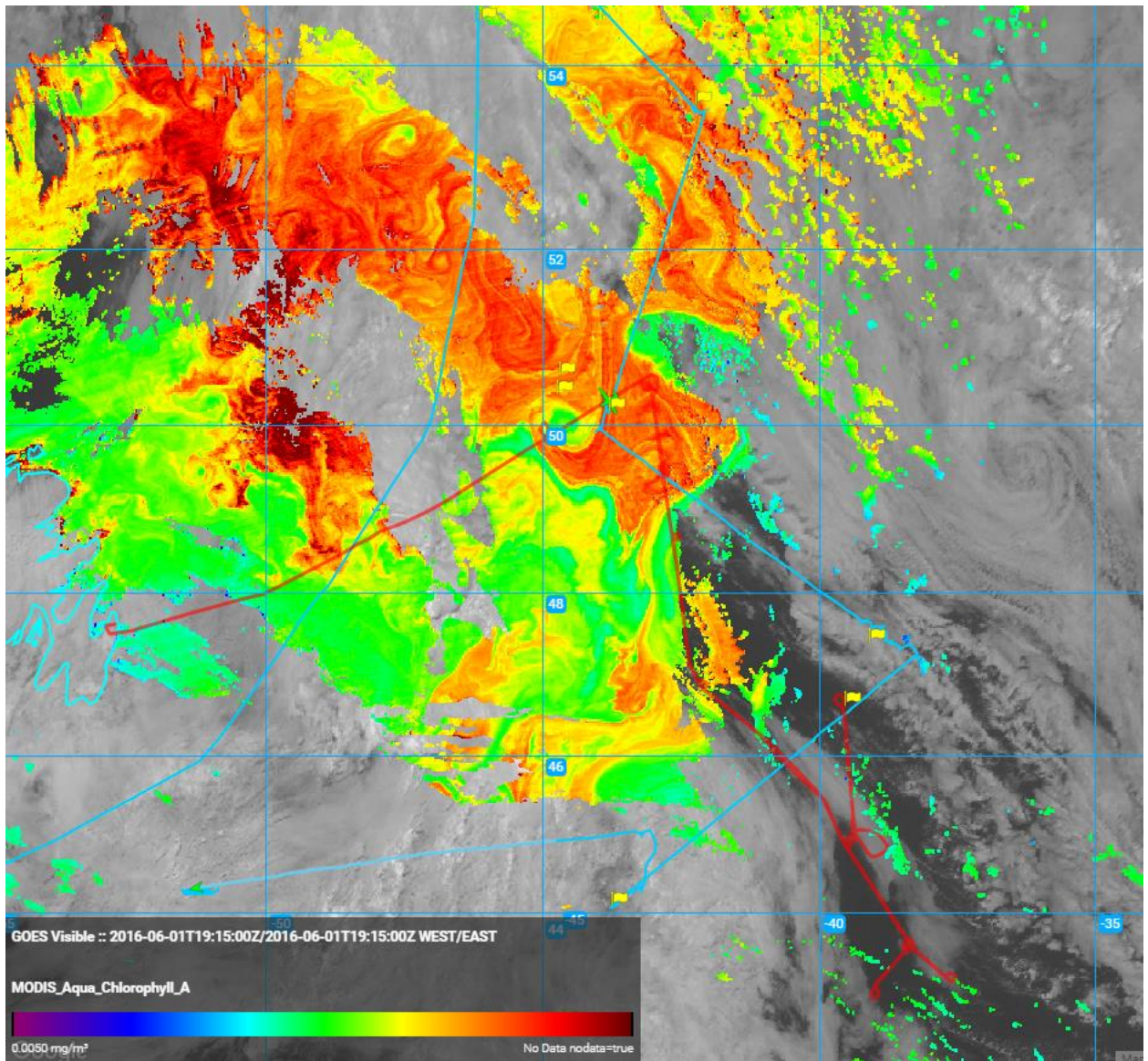


1850Z\_LowLevelLegIntoTheBloomAroundS3



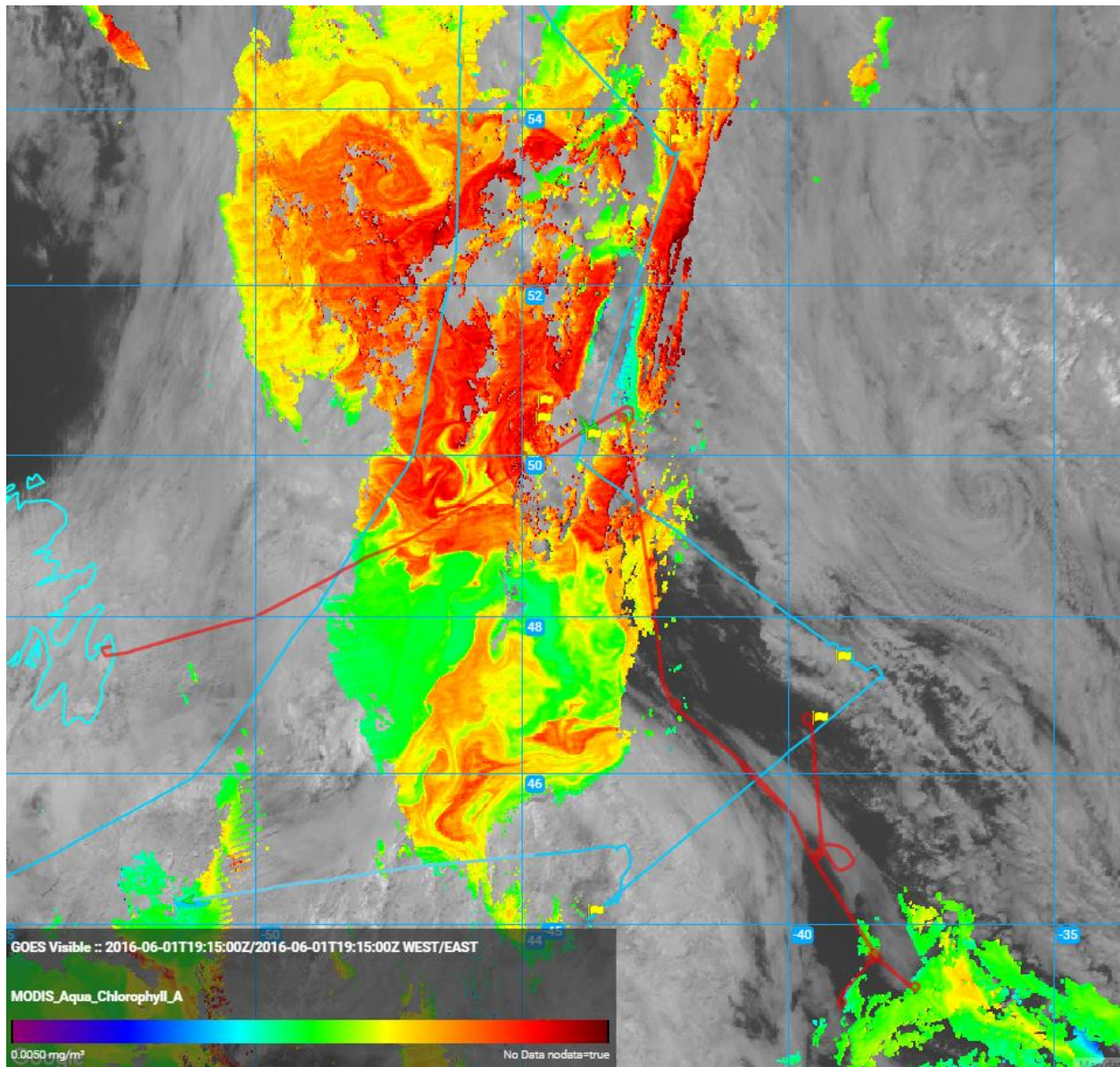
1915Z\_LowLevelLegIntoTheBloomAroundS3





1930Z\_RTbwithMay23rdChlorophyll





1930Z\_RTbwithMay30thChlorophyll