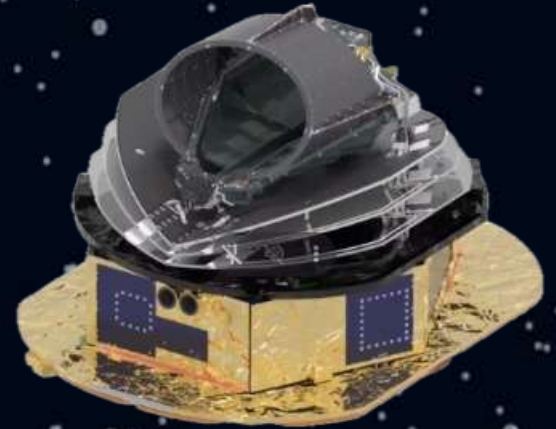


The logo for the AIRS instrument, featuring the word "AIRS" in a bold, white, sans-serif font. Below the text is a horizontal line with a rainbow color gradient. To the right of the text is a stylized graphic consisting of a yellow and orange arc that curves around a red circle.

AIRS Instrument
Journée ARIEL France
09/06/2025

Benoît Horeau on behalf the AIRS TEAM



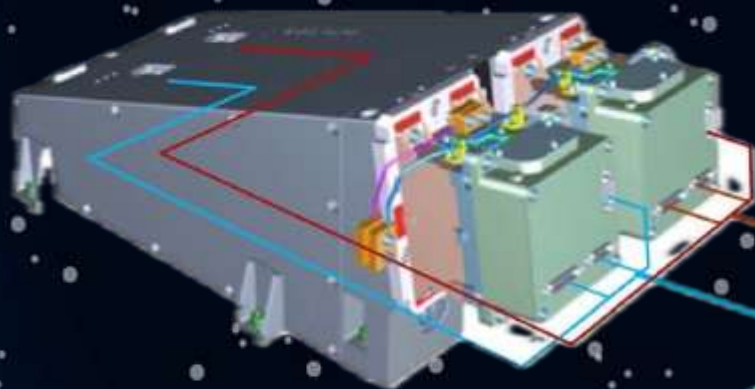


ARIEL AIRS subsystems (1/2)



PLM side $50\text{K} < T < 60\text{K}$

SVM side $-20^{\circ}\text{C} < T < +40^{\circ}\text{C}$



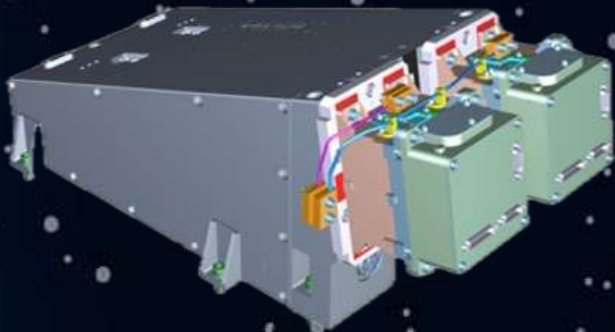
Inter Unit-Harnesses

I/F to ICU (SpW& PwS)

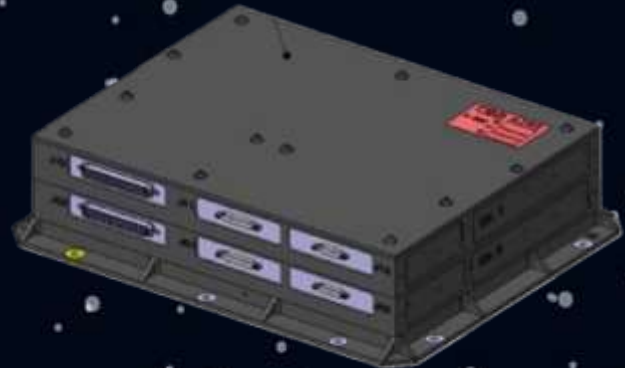


AIRS Cold Unit located in the instrument cavity

AIRS Detector Control Unit



Inter Unit-Harnesses



AIRS Main sub-systems (2/2)



CU EM (Q4/2025)



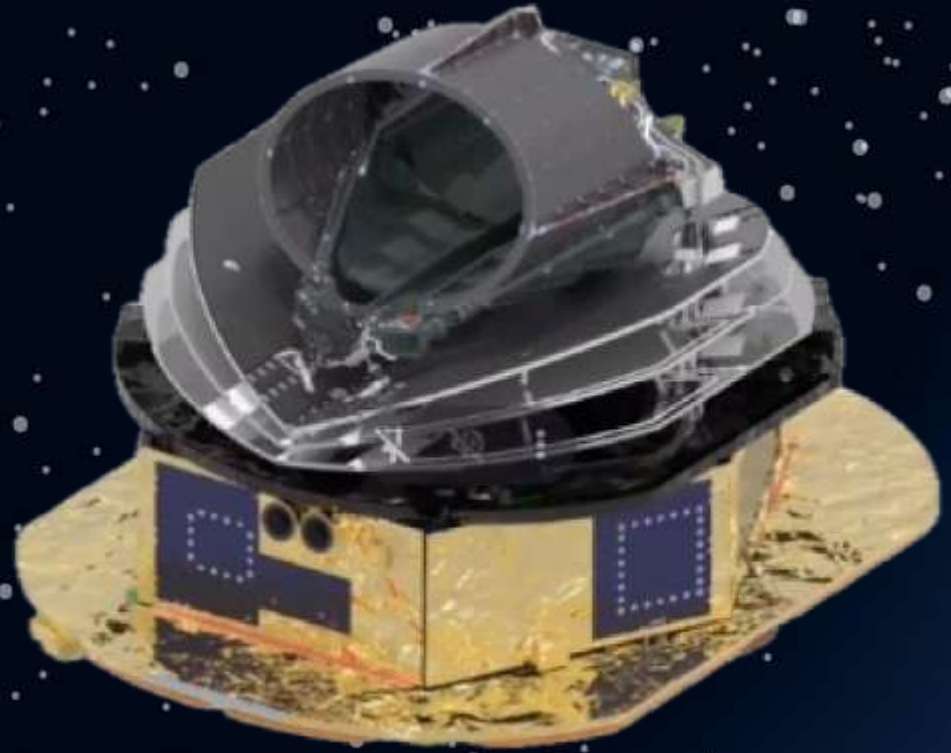
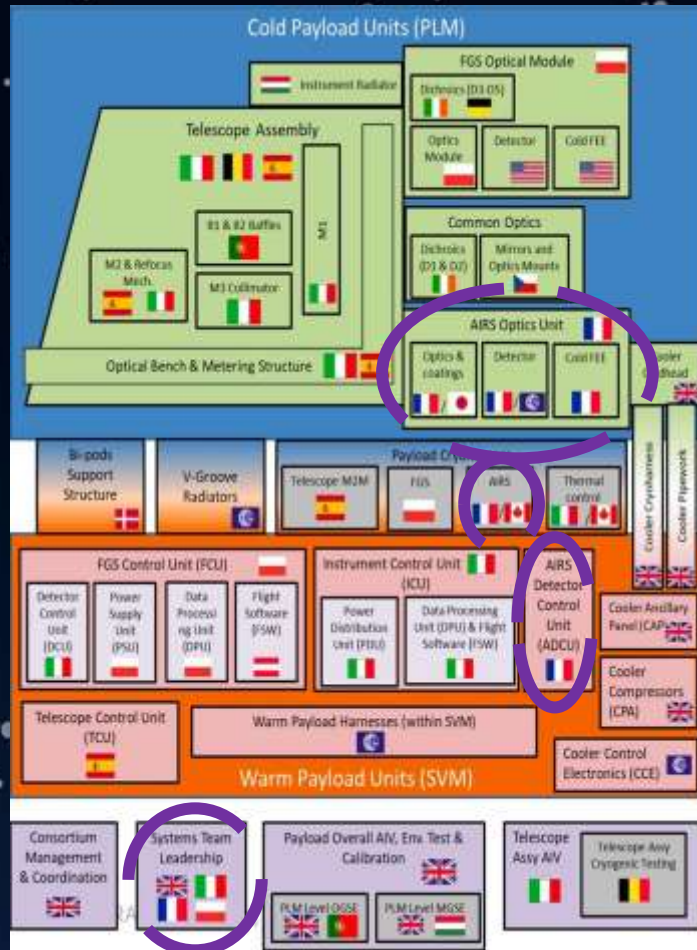
EM test harnesses (Q1/2025)



A-DCU AVM#1 (Q3/2024)



ARIEL Consortium Contribution Status



PLM AIT activities at RAL (UK)







AIRS activity at RAL (UK)





AIRS CU SM on PLM





AIRS CU SM on PLM