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FAX

Herschel / Planck Project

date	02 June 2002	reference	SCI-PT/012993	page	1 / 1
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copy	GC, AE, OP, JB, AH, JMC, GP, JT		n° fax	ESA Project	
subject	Herschel/Planck - Delivery of Scientific Instrument Models				
reference					

Dear Jean-Jacques, Bernard,

Thank you for your effort to evaluate the impact and the compatibility of the spacecraft development with a delayed delivery date of the scientific instruments. Having seen your evaluation I ask you to consider the following new delivery dates of Herschel and Planck Instrument units to Industry:

- Avionics Models (AVM's): Oct. 2003
- Cryogenic Qualification Models (CQM's): Oct. 2003
- (Proto)Flight Models ((P)FM's): Jan. 2005
- Flight Spares: Jan. 2006

with a specific agreement on the quality and delivery of the Planck sorption cooler models:

- CQM (2 cold end QM Pipeworks, Compressor assembly mass thermal dummy, Hydraulic GSE): Apr. 2003
- FM #1 and FM#2 Cold End (Pipeworks): Aug. 2004
- FM #1 Compressors: Mar. 2004
- FM #2 Compressors: Mar. 2005.

Note that for the Planck instrument delivery dates actions are still running to confirm a delivery of the CQM for HFI and the general deliveries of the LFI instrument and the dates are therefore to be considered as working baseline for the PDR.

I ask you to formally include these delivery dates in the industrial planning and initiate all steps to minimise the risk and impact on the spacecraft development.

Best regards

for T. Passvogel