

# Preparations for Tests at ESTEC

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AMS TIM at CERN

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# Test Dates - 1

- G. Piret, the ESTEC technician in charge of planning for the thermal vacuum chamber, asks that we give an updated best estimate of our arrival dates before the end of July
- He will attend the integration teleconference next Tuesday, July 29

## Test Dates - 2

- From the integration splinter on Wednesday, our earliest arrival is the beginning of April, 2009 (no test beam or test beam after ESTEC)
- From the shuttle schedule, the latest possible date of arrival is the beginning of August, 2009

## Test Dates - 3

- It is dangerous to choose a late date for the ESTEC tests. If something has to be changed, we need time before our arrival at KSC.
- Propose giving G. Piret the dates April to August with preference for earlier arrival
- We can give firm dates when we are sure about the magnet

# Personnel Needed at ESTEC

- Mechanical Setup and Disassembly Team
- Instrumentation and DAQ Setup and Disassembly Team
- Thermal Team
- AMS Operation Team

# Mechanical Team

Mechanical Team:

C. Gargiulo, R. Becker, M. Vergain, S. Bizzaglia

INFN Pisa technicians for Gondola operations

Phil Mott, Tim Urban, Joe Kastelic

Ken Bollweg

Subdetector experts needed for  
setup/disassembly

# Instrumentation/DAQ Team

DAQ experts:

M. Capell, A. Kounine, A. Lebedev, X. Cai,  
V. Koutsenko, A. Rozhkov, T. Urban

Subdetector experts:

Magnet, Tracker, TTCS, TTCS, TRD, TRD Gas, ToF,  
ACC, RICH, ECAL, Star Tracker, GPS

# Thermal Operations

- We should have ~6 thermal experts at ESTEC at all times (3 shifts with reinforcements)

MIT: J. Burger

CGS: M. Molina, C. Vettore, I. Corradino

NASA/JSE: C. Clark + possibly another

Perugia: S. Borsini, Elisa Laudi

SDU: G. Xin, Yan Chen, Jiwei Song

NSPO: J. R. Tsai, S. Chen

Not all the above need be at ESTEC for the whole test

# Shift Operations

- Test Conductor/Shift Leader AMS expert – one per shift (physicist)
- Thermal Responsible – one per shift + reinforcement
- AMS DAQ/Subdetector experts (at least one per subdetector)

# Shift Operations

AMS DAQ/Subdetector experts (at least one per subdetector):

DAQ

Magnet (SCL, CERN Team, CAB)

Tracker

TTCS

TRD

TRD Gas

ToF

ACC

RICH

ECAL

Star Tracker

GPS

# Special QA Requirements

Are there any special requirements for Quality Assurance (What/who is needed to ensure that the procedure is followed correctly, or authorize changes in the procedure

There is no NASA Requirement. ESTEC?