

Summary of the 3/10/2016 PACE-IOP teleconference.

Present: Lorraine R., Steve A., Mike T., Jim S., Tim M., Cecil R., Watson G., Susanne C., Jeremy W., Xiaodong Z., Stephane M., Mike O., Maria T.,

Written in the order of the discussion.

1. Updates from HQ and GSFC:

Jeremy W.: Prior to review (see below), PACE mission personnel had met with Mike Freilich who seemed very happy about way things were moving with the PACE mission. Jeremy W. was talking to us while the panel was caucusing to discuss their report. He said the panel asked good pertinent questions pointing at potential risks and possible synergies.

This was in the middle day 3 of the Mission Concept Review (MCR) for PACE and things were very hectic at GSFC for the past week in preparation. This is the first 'real' review of the mission. Panel consists of 10 people, all from NASA all independent from the PACE and with a lot of expertise in similar projects. All the elements of the mission are reviewed and all senior personnel associated are present (hearing was open to the public).

This is a formal 'gateway' review for GSFC to see if they will accept it and things are on track.

Additional news: There is talk with Canadian Space agency & NRL about a contributed coastal imager. Nothing is finalized but this shows that the coastal imager option is still alive.

Bad news: Cost of launch vehicle has gone up 35M which could impact science.

Lorraine R. was present at some of the MCR discussions and found the presentations she saw from the PACE team to be excellent (Andre, Jeremy, Brian).

Project presentation included a statement that they are most interested in the Dutch polarimeter (which, if selected, will be contributed + detector & heater provided by NASA).

Cecile R. was present at some of the MCR discussions and found them to be interesting, dynamic and that the interaction with the panel was very good.

2. Report from subgroups.

Database –Cecile R.: Soon a new version of the dataset. Steve A. has updated his dataset of ASD and IOPs.

Absorption methodology – Mike T. : will try to coordinate a field experiment this year.

IOP methodology – Steve A.: submitted a manuscript to JGR. Group effort is lagging.

Applications – Maria T: NASA HQ is preparing a new document on guidelines, consistent with the application plan process for any new mission. PACE serves as test.

Website: pacs.gsfc.gov Contact Annette de Charon with content.

Next teleconference: 04/07/2016 at 12:15 EST