On Telecon:

- ☒ Ken Klaasen
- ☒ Don Lindler
- ☒ Richard Chen
- ☒ Brian Carcich

Present:

- ☒ Mike A'Hearn
- ☒ Stephanie McLaughlin
- ☒ Tom Duxbury
- ☒ Mike Kelley
- ☒ Jade Williams
- ☒ Ludmilla Kolokolova
- ☒ Mike Smith
- ☒ Matthew Knight
- ☒ Tony Farnham
- ☒ Jian-Yang Li
- ☒ Anne Raugh (recording)
- ☒ Lori Feag (joined late)

DIF-C-MRI-5-EPOXI-HARTLEY2-PHOTOM-V1.0

- ☒ Typos submitted separately by Matthew.

Result: Certified

DIF-C-HRIV-5-EPOXI-HARTLEY2-DECONV-V1.0

- ☒ Add information about the deconvolution algorithm to documentation (see Jian-Yang's presentation)
- ☒ Add some guidance about the differences between the images – so a user could tell which might be appropriate for various uses (see Jian-Yang's presentation)
- ☒ Replace null value of "-88.88" in deconv_image_parameters.tab with a flag value that is out of range, like "-999". Tony Farnham and Jian-Yang Li have already calculated the actual values. If possible add them to the table rather than leaving them null. Note in the label the origin of the values added.
- ☒ In deconv_image_parameters.tab, column 33 definition of "partial saturated pixel" is not clear.
- ☒ The /DATA/ section is repeated in the AAREADME.TXT file.
- ☒ Typos to be submitted separately.

Result: Certified

DIF-C-HRII-3/4-EPOXI-HARTLEY2-V2.0

- ☒ In the documentation, emphasize which temperatures are critical for calibration (Mike DiSanti and Lori Feaga will work the details).
- ☒ Enhance the description of the IR flat field in its label.

Result: Certified. [*Note:* SBN will verify that the wavelength map really does show the "smile" prior to public release.] [Additional: This has already been verified.]

DIF-C-HRIV/ITS/MRI-5-TEMPEL1-SHAPE-V2.0

- ☒ Add definition of "mean radius" to dataset.cat
- ☒ Jian-Yang's presentation page 7 lists a number of typo-type problems in the dataset.cat that should be corrected.
- ☒ The Cartesian version (needed by the VRML) appears to be a noticeable degradation of the planetocentric version of the shape model. Tony F. will re-create the Cartesian version to improve the translation. The documents related to this will need to be corrected to reflect the new derivation in the Cartesian version.
- ☒ See Jian-Yang's presentation slides 12-14 contain a laundry list of minor documentation corrections and improvements.
- ☒ If it's available, Tom Duxbury requested addition information about how the shape model was made.

Result: Not Certified. Certification dependent upon internal review and acceptance of new Cartesian version.

DIF-C-HRIV/MRI-5-HARTLEY2-SHAPE-V1.0

- ☒ Jian-Yang's presentation includes a number of minor documentation issues on pages 16, 20.
- ☒ The Cartesian version degradation found in the Tempel 1 model appears here as well, and should be similarly corrected and documented.
- ☒ The general liens for the Tempel 1 shape model also apply to this data set.

Recommendation: SPICE PC kernel parameters don't agree with the dataset.cat description of the axes and rotation. It probably should.

Result: Not Certified. Certification dependent upon internal review and acceptance of new Cartesian version.

EAR-C-COMPIL-4-UNIDENT-V1.0

- ☒ Need to know things like resolving power of instruments.
- ☒ Would like to know many unidentified lines were observed.
- ☒ It looks like there are values missing from the table that were known to be in the papers. For example, time of observation was recorded in Anita's deVico paper.
- ☒ The difference between "line strength" and "brightness" needs to be clearly defined, and there should be units associated with both these values.
- ☒ Need a table covering which wavelength were observed for each comet. This file would also serve as a useful index of comets included in the data set.
- ☒ The dataset.cat does not look like it was completed prior to submission!

Result: Rejected. Please edit and re-submit. SBN will provide guidance.

RO-A-OSINAC/OSIWAC-5-LUTETIA-SHAPE-V1.0

- ☒ The dataset.cat has a typo in the radius of the third axis – should be 75, not 175 km
- ☒ “plate_shape_definition.asc” refers to the wrong object (Tempel 1, not Lutetia).
- ☒ Include additional information about how the model was created (see Tom’s slide 5).
- ☒ Need a better definition of how “center” is defined/selected.
- ☒ See Jian-Yang’s presentation for a short list of minor documentation corrections (slide 22).
- ☒ If possible, add quality flags to the facet table.

Result: Certified.

RO-A-OSINAC/OSIWAC-5-STEINS-SHAPE-V1.0

- ☒ The actual coordinate system is not specified in the dataset.cat.
- ☒ “plate_shape_definition.asc” refers to the wrong object (Tempel 1, not Steins).
- ☒ Need a better definition of how “center” is defined/selected.
- ☒ Jian-Yang’s presentation slide 24 has a list of minor documentation issues.
- ☒ If possible, add flags to the facet table to indicate which are from direct observation and which from lightcurves.

Result: Certified.

DIF-M-HRIV-3/4-EPOXI-MARS-V2.0
DIF-M-MRI-3/4-EPOXI-MARS-V2.0

- ☒ Typos submitted by email

Result: Certified.

DIF-E-HRIV-3/4-EPOXI-EARTH-V2.0
DIF-E-MRI-3/4-EPOXI-EARTH-V2.0

- ☒ Add or point to the known geometric information that is “UNK” in the labels, from the labels.
- ☒ Carolyn Crowe has published a paper about this data set which should probably be added to the reference list (it’s mentioned in Matthew’s typo list).
- ☒ Typos submitted by email.

Result: Certified.