**NH/KEM review, the last set of the MU69 approach data – EN comments**

1. \*/document/soc\_inst\_icd.pdf

- p. 12: All Level 2 filenames are "the first three letters of the instrument

name (i.e. ali, lei, lor, mvi, pep, rex, sdc, or swa)". The LEISA names

are "lsb\*" not "lei\*". The MVIC names are "mc0\*", "mc1\*" "mc2\*", or "mc3\*"

not "mvi\*".

This is just a note.

2. nh-a-lorri-2-kem1-v4.0/document/lorri\_exposure\_offset\_pds\_v3.lbl

- DOCUMENT\_TOPIC\_TYPE = "Duration of Image collection" should be all caps

Please replace by DOCUMENT\_TOPIC\_TYPE = "DURATION OF IMAGE COLLECTION".

3. nh-a-lorri-2-kem1-v4.0/catalog/dataset.cat

- Unknown target:   TARGET\_NAME = "2011 JX31"

Please provide a catalog file or request one to be made.

4. nh-a-lorri-3-kem1-v4.0/data/20191208\_043810/lor\_0438109863\_0x633\_sci.lbl

- Line 537:

  SAMPLE\_TYPE                     = "MSB\_INTEGER"

Please replace Line 537 by:

  SAMPLE\_TYPE                     = "LSB\_INTEGER"

5. nh-a-rex-2-kem1-v3.0/data/tnf/\*.lbl

nh-a-rex-3-kem1-v3.0/data/tnf/\*.lbl

- These labels are missing SPACECRAFT\_CLOCK\_START\_COUNT and

SPACECRAFT\_CLOCK\_STOP\_COUNT and should have MISSION\_PHASE\_NAME.

Suggest adding the keywords to the labels.

6. nh-a-swap-3-kem1-v4.0/data

- Is this directory missing files?

nh-a-swap-2-kem1-v4.0/data has 579 files named \*x585\_eng.fit, but

nh-a-swap-3-kem1-v4.0/data has 0 files named \*x585\_sci.fit

Otherwise, those two directories match 1-to-1.

Suggest adding 579 files named \*x585\_sci.fit if they should be included.