Action list (London, Fall Session)

Video Quality Actions

1. [ ] Verify video shots with NASA HQ, Luna and ISS. POC: Jeremy Myers ECD: end Nov.
   1. Walt believes the list has been vetted.
   2. Luna: arranged to support testing early March. Shot list was provided and agreed.
   3. ISS: Walt working w/ team to develop a CHIT. Awaiting to be scheduled.
   4. NASA HQ: Beth will have to ask Jeremy.
2. X Determine raw video filetype. POC: Walt L and Jacob Trull. ECD: before end Dec (if not sooner for ISS shots).
   1. 8.3K 60p Raw 12bit SDR in CHIT, may change. Same plan for Luna shots.
3. [ ] Check available video quality models. POC: Falk S and Bill Witherow. ECD: mid January
   1. Bill will provide an email to MIA working group with video clarity capabilities.
4. [ ] Determine encoding tool (software, hardware) for study. POC: Sandy, Walt and Jacob Trull. ECD: mid January
5. [ ] Test workflow approach with 8k video vs 1080p video to determine if same average quality value. POC: Bill Witherow, Jacob Trull and Sarah Smith. ECD: mid Feb (action 3: video quality model is constraint)
   1. Update ECD to mid May
6. [ ] Determine storage requirements. POC: Walt L. ECD: April
   1. Should be good for April
7. X Evaluate existing available ISS content already available that may be suitable sources for scenes. Including file types (Red), format, suitable scene. POC: Melanie Cowan ECD: 2 weeks (11/22)
   1. What we had available via Red (odd frame rate) vs starting w/ 8K raw we decided to move forward w/ 8K raw (same camera). There was 8K from red but the frame rate was not meeting expectations/optimum.
   2. Recommending to close action.
8. N/A Related to action 7, Determine storage exchange option to share content between ESA and NASA if needed?
9. [X] Post current Green Book to CWE. POC: Falk ECD: Nov 10th
10. [X} Next interim meeting will be scheduled mid Feb. POC: Beth

We are working towards a Magenta Book for this project.