| Tracking # | Title | Response Management & Critical Input | Critical Input |
|---|---|---|---|
| C-1 | Scientific input to landing sites and operational decisions | SMD - K. Snook | ESMD- G. Yoder & A. Thomas |
| C-2 | Evaluation and prioritization of science activities | SMD - G. Williams | |
| C-3 | Architecture should enable highest priority science | ESMD- G. Yoder | SMD - G.Williams |
| C-4 | Regular reviews of LAT decisions | ESMD- G. Yoder | SMD - K. Snook & G. Johnston<br>SOMD - M. Gates |
| C-5 | CEV-SIM bay | ESMD- P. Lockhart & S. Hatfield | SMD - G. Johnston |
| C-6 | Comparison study for non-polar outpost sites | ESMD- G. Yoder & A. Thomas | SMD - K. Snook |
| C-7 | Options for human and robotic sortie missions | ESMD- G. Yoder & A. Thomas | SMD - K. Snook & G. Johnston |
| C-8 | Return payload capabilities | ESMD- G. Yoder & A. Thomas | SMD - K. Snook |
| C-9 | Sample collection, documentation, containment, curation | SMD - K. Snook & M. Linstrom | |
| C-10 | Roles and capabilities of astronauts | SOMD - S. Lindsay | ESMD -P. Lockhart & S. Hatfield<br>SMD- K. Snook & R. Fogel |
| C-11 | Astronaut exploration training | SOMD - S. Lindsay | ESMD - P. Lockhart<br>SMD- K. Snook & R. Fogel |
| C-12 | Improved EVA suits | ESMD - P. Lockhart & M. Gernhardt | SOMD - M. Hawes |
| C-13 | Integration of orbital data sets | ESMD -B. Neuman & M. Wargo | SMD - K. Snook |
| C-14 | Electromagnetic and charged dust environment | ESMD - C. Walz & M. Wargo | SMD - K. Snook & B. Giles |
| C-15 | Investigation of time-stratigraphic layers in lunar regolith | SMD - K. Snook & R. Fogel | |
| C-16 | Options for large-area lunar surface emplacement | SMD - G. Johnston & M. Salamon | ESMD - G. Yoder & A. Thomas |
| APS-1 | Far side meter wavelength radio environmant | SOMD - J. Rush | SMD - M. Salamon |
| APS-2 | Options for science operations in free space | SMD - M. Salamon | |
| APS-3 | Use of Constellation heavy lift capability for Astrophysics payloads | SMD - M. Salamon | ESMD - P. Lockhart & S. Hatfield<br>SOMD - W. Wrobel |
| ESS-1 | Earth science from the Moon | SMD - G. Johnston | |
| ESS-2 | Earth view from the outpost | SMD - G. Johnston | |
| HPS-1 | Develop predictive capability for space weather | SMD - B. Giles | |
| HPS-2 | Real-time space weather monitoring | SMD - B. Giles | |
| HPS-3 | Provide capability for "drop-off" satellites | ESMD - P Lockhart & S. Hatfield | SMD - B. Giles |

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| HPS-4 | Improved measurements of solar wind composition and flux | SMD - B. Giles | |
| PPS-1 | Contamination control technologies | ESMD - C. Walz | SMD - Conley |
| PPS-2 | Equipment for planetary protection assays | SMD - C. Conley | |
| PPS-3 | Back contamination of sample containers | SMD - C. Conley | |
| PPS-4 | In situ investigation of lunar sites for biologically derived or other compounds | SMD - C. Conley | |
| PPS-5 | Planetary protection protocols | SMD - C. Conley | SOMD-M. Hawes |
| PPS-6 | Advanced life support systems | ESMD - C. Walz | SOMD-M. Hawes |
| PSS-1 | Moon as a recorder of impact history of inner solar system… | SMD - K. Snook | |
| PSS-2 | Geophysical network on the lunar surface | SMD - K. Snook & G. Johnston | |
| PSS-3 | Mobility on the lunar surface | ESMD- G. Yoder & A. Thomas | SMD - K. Snook & R. Fogel<br>SOMD - M. Gates |
| PSS-4 | Technology of development needs | SMD - K. Snook | ESMD - C. Walz & M. Wargo<br>SOMD - J. Grusan |