

3.2 Medical Requirements Overview**TABLE 3.2: MEDICAL REQUIREMENTS OVERVIEW**

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|--|--|
| MRID# and Title: | MR031L Private Psychological Conferences (PPCs) |
| Sponsor: | Medical Operations |
| IPT: | Behavior and Performance |
| Category: | Medical Requirements (MR) |
| References: | ISS MORD, Private Psychological Conferences, Section 3.6.1.1. (See notes) |
| Purpose/Objectives: | These conferences will address behavioral health and performance issues, such as personal and group dynamics issues, and ground-crew interactions. Elements of the behavioral health countermeasures will be coordinated, in part, through these conferences. In support of the crew surgeon, the Private Psychological Conferences will provide one of the key elements of in-flight monitoring and countermeasures to maintain the crewmember's behavioral health and performance. |
| Measurement Parameters: | N/A |
| Deliverables: | N/A |
| Flight Duration: | ≥ 30 days |
| Number of Flights: | Each long duration expedition |
| Number and Type of Crew Members Required: | All ISS crewmembers |
| Other Flight Characteristics: | N/A |
| Notes: | Ground Rules and Constraints (SSP 50261-02) , Section 3.2.2 |

3.3 Preflight Training – No Preflight Training

3.4 Preflight Activities – No Preflight Activities

3.5 In-Flight Activities

TABLE 3.5.1: IN-FLIGHT ACTIVITIES

| | | | | | | |
|--|---|--|-----------------------------|--------------------------------|----------------------|---|
| In-Flight Activity | Description: | The PPCs will be a recurring item in the schedule, and will occur two times per month. | | | | |
| | Schedule: | Duration: | Schedule: | Flexibility: | Blood Volume: | Personnel Required: |
| | | 15 minutes minimum | Every 2 weeks after launch. | At discretion of Crew Surgeon. | N/A | Crewmember and Behavioral Health and Performance (BHP) Specialist |
| Procedures: | N/A | | | | | |
| Constraints / Special Requirements: | A PPC may be requested at any time by the Crew Commander, Crew surgeon (CS), Flight Director (FD), or any crewmember. PPCs shall be conducted on two-way private voice or video communication between each individual ISS crewmember and a designee of the crewmember's home agency behavioral health and performance group, preferably in the crewmember's native language. Each CM to be scheduled individually during off-duty time. | | | | | |
| Photo / TV Requirements: | See data delivery below | | | | | |
| Cold Stowage Requirements: | N/A | | | | | |
| Mission Extension Requirements: | As required | | | | | |
| Landing Wave-Off Requirements: | N/A | | | | | |
| Data Delivery | Data/Report to Designated Recipients (Nominal/Contingency): | | | | | |
| | Two-way private voice and video communication is required. Medical information discussed during PPCs will be managed in accordance with the Privacy Act of 1974. Audio/video medical and psychological conferences shall make use of private communication methods from ISS to the ground control center. | | | | | |

In-Flight Activities, (cont.)

TABLE 3.5.2: IN-FLIGHT HARDWARE

| Hardware/Software Name | P/N | ISS Location | Vehicle (Up/Dn) | Category | Late Access / Early Destow/ Early Return | Docked Ops | Weights (kg) | Volume (cm ³) | Dimensions LxWxH (cm) | Power (watts) | Resupply | Download / Downlink |
|-----------------------------------|-----|--------------|-----------------|---------------------------|--|------------|--------------|---------------------------|-----------------------|---------------|----------|--------------------------|
| Air-to-ground private audio/video | N/A | N/A | N/A | Standard station hardware | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Real time video downlink |

3.6 Postflight Activities – No Postflight Activities

3.7 Summary Schedule

TABLE 3.7: SUMMARY SCHEDULE

| ACTIVITY | DURATION | SCHEDULE | FLEXIBILITY | BLOOD VOLUME | PERSONNEL REQUIRED | CONSTRAINTS |
|--|--------------------|-----------------------------|------------------------------|--------------|-------------------------------|---|
| Preflight Training – N/A | | | | | | |
| Preflight – N/A | | | | | | |
| In-Flight | | | | | | |
| On-Orbit | 15 minutes minimum | Every 2 weeks after launch. | At Crew Surgeon's discretion | N/A | Crewmember and BHP Specialist | A PPC may be requested at any time by the Crew Commander, Crew surgeon (CS), Flight Director (FD), or any crewmember. PPCs shall be conducted on two-way private voice or video communication between each individual ISS crewmember and a designee of the crewmember's home agency behavioral health and performance group, preferably in the crewmember's native language. Each CM to be scheduled individually during off-duty time. |
| Postflight – N/A | | | | | | |
| Postflight Debrief | | | | | | |
| Scheduled as part of MR027L. See "MR027L, Pre- and Postflight Psychological Briefings" | | | | | | |