

## MR032L ISS Private Family Conferences (PFCs)

### 3.2 Medical Requirements Overview

**TABLE 3.2: MEDICAL REQUIREMENTS OVERVIEW**

<b>MRID# and Title:</b>	MR032L ISS Private Family Conferences (PFCs)
<b>Sponsor:</b>	Medical Operations
<b>IPT:</b>	Behavior and Performance
<b>Category:</b>	Medical Requirements (MR)
<b>References:</b>	ISS MORD, Behavior and Performance, Section 8.5.4.1, ISS Ground Rules and Constraints (SSP 50261-02), Section 3.1.9.14
<b>Purpose/Objectives:</b>	These conferences will allow private communication between crewmembers and their families, friends, and colleagues. These conferences will be private in that no one will monitor the communication loops. Conferences generally are to the crewmember's family's home, but may be held at remote private sites such as universities when requested. No one will remain in the room without crewmember and/or family approval.
<b>Measurement Parameters:</b>	N/A
<b>Deliverables:</b>	N/A
<b>Flight Duration:</b>	≥ 30 days
<b>Number of Flights:</b>	Every Expedition
<b>Number and Type of Crew Members Required:</b>	All U.S. Crewmembers
<b>Other Flight Characteristics:</b>	NA

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**3.3 Preflight Training – None (Training on use of OCA and audio communication devices will be performed by MOD as part of routine systems training).**

**3.4 Preflight Activities – No Preflight Activities**

**3.5 In-Flight Activities**

**TABLE 3.5.1: IN-FLIGHT ACTIVITIES**

<b>In-Flight Activity</b>	<b>Description:</b>	Private Family Conferences shall be held weekly. Two-way voice and two-way video communication shall be scheduled for each crewmember. The duration of each shall be not less than 15 minutes for each crewmember. PFCs shall also be scheduled for holidays and special family events (e.g., birthdays, anniversaries, etc.). In the event that family members are not co-located with the hardware deployed in the crewmember’s family’s home, the PFCs shall be conducted in the location of the family’s or crewmember’s choosing. Video link will be established on the receiving end if internet connectivity is available.					
	<b>Schedule:</b>	<b>Activity:</b>	<b>Duration:</b>	<b>Schedule:</b>	<b>Flexibility:</b>	<b>Blood Volume:</b>	<b>Personnel Required:</b>
		1. Private Family Conferences (PFC)	15 min. minimum	Weekly during flight	N/A	N/A	Crewmember and family, friends, or colleagues
<b>Procedures:</b>	N/A						
<b>Constraints / Special Requirements:</b>	The family will be provided with video conferencing hardware/software to conduct conferences from their home or other locations where internet connectivity is available. No one will remain in the room without crewmember and /or family approval; however, they do not have the option to invite media representatives to participate in a PFC event.						
<b>Photo / TV Requirements:</b>	N/A						
<b>Cold Stowage Requirements:</b>	None						
<b>Mission Extension Requirements:</b>	None						
<b>Landing Wave-Off Requirements:</b>	N/A						
<b>Data Delivery</b>	<b>Data/Report to Designated Recipients (Nominal/Contingency):</b>						
	Two-way private voice and two-way video communication is required. Video and audio from ISS to the family or other private video location is encrypted.						

**In-Flight Activities, (cont.)**

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**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 <sup>3</sup> )	Dimensions LxWxH (cm)	Power (watts)	Resupply	Download / Downlink
Orbital Communications Adapter(OCA)	N/A	N/A	N/A	Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

### 3.6 Postflight Activities –No Postflight

### 3.7 Summary Schedule

**TABLE 3.7: SUMMARY SCHEDULE**

ACTIVITY	DURATION	SCHEDULE	FLEXIBILITY	BLOOD VOLUME	PERSONNEL REQUIRED	CONSTRAINTS
<b>Preflight Training – N/A</b>						
<b>Preflight – N/A</b>						
<b>In-Flight</b>						
Private Family Conferences	15 min. minimum	Weekly during flight	N/A	N/A	Crewmember and family, friends, or colleagues	No one will remain in the room without crewmember and/or family approval; however, they do not have the option to invite media representatives to participate in a PFC event.
<b>Postflight – N/A</b>						