

Basic Guidelines  
on MCC-M and MCC-H tasks and responsibilities  
during rescue operations of the Soyuz transport vehicle crew  
in the event of an emergency descent on North American territory.

1. MCC-M shall be responsible for and assure:
  - Decision making in established procedure and notification of all support organizations of an emergency descent of a Soyuz vehicle in North America.
  - Interaction with MCC-H over existing voice loops to support the rescue operation.
  - Activation of the Russian organizations participating in the rescue operations and coordination of their activities.
2. MCC-H shall be responsible for and assure:
  - Notification of all support organizations of an emergency descent of a Soyuz vehicle in North America.
  - Activation of the US organizations participating in the rescue operation on North American territory and coordination of their activities in established procedure.
  - Interaction with MCC-M to support the rescue operation.
  - Prompt notification of MCC-M on the readiness of organizations participating in the operation for work and prompt reports on the operation progress.
3. To accomplish these tasks, the following procedure for interaction between MCC-M and MCC-H with the operation participants is established.

The decision made by the Flight Director about the emergency descent is the start of the operation and is based on:

  - 3.1 Crew or MCC-M/MCC-H specialists' reports about the occurrence of an off-nominal situation that requires an emergency descent of the Soyuz vehicle;
  - 3.2 Soyuz commander report about a decision he has made to perform an emergency descent;
  - 3.3 Reports that the Soyuz is no longer in orbit based on data from other sources (NORAD, MCC-H, etc.).

4. Following the start of the rescue operation, MCC-M will notify the following:
  - MCC-H (in the case of para. 3.3);
  - Federal Search and Rescue Department (îèèì);
  - IBMP
  - RSC Energia management
  - State Commission.
 and report to MCC-H about the activation of the operation's Russian participants.
5. MCC-H will notify the following about the start of the operation:
  - MCC-M (in the case of para. 3.3)
  - AFRCC (DDMS)
  - Flight Surgeon
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  - HSG/Rio
  - LSO-KSC Ë NASA HQ
 and notify MCC-M about the activation of the operation's American participants.
6. The existing voice loop between MCC-M and MCC-H will be the official information channel during preparation and when performing rescue operations of the crew and descent module (CA) evacuation.
 

This does not exclude other channels for real-time communication used for consultative purposes.
7. All reports about the operation and results of activities on North American territory will be sent to MCC-H, which is the center for organizing and coordinating American forces and resources. The reports will then be relayed to MCC-M.
8. All reports to MCC-M from Russian organizations participating in the operation will be sent to MCC-H.
9. MCC-M and MCC-H, through their interaction, will solve specific problems in decision making and information exchange assuring completion of the operations by the direct performers of the work.

A list of these objectives is provided in:

in the general section of this document;

in attachments to this document with pertaining to the work performed by the <sup>1</sup>èèì, AFRCC (DDMS), Flight Surgeon, and KSC.

10. For the entire period of the operation, MCC-M will manage the work of the Russian specialists' consultative group to support the work performed on North American territory.
11. In situations involving either special conditions for performing the operation or when there is a disruption in the timetable for performing work stages, or for other unforeseen reasons, the MCC-M and MCC-H Flight Director will manage the decision making process in these situations and participate in them.