

Communications protocol		
Space segment: CCSDS Standards		
Transport Layer	Space communication protocol specification transmission protocol: SCSP-TP	
Network layer	Main protocol Routing protocol Complementary protocols	Internet Protocol version 6 (IPv6) Open Shortest Path First (OSPF) IP over CCSDS
Data Link Layer	Data Link Protocol Sublayer Synchronization and Channel Coding Sublayer	TC Space Data Link Protocol TC Sync and Channel Coding
Ground segment		
Presentation of the data to the client		Application
Protocol		Secure Shell (SSSH)

Table 1: Communications protocol overview