

17 December 2004

To: Bob Durst, SIS area director  
From: Scott Burleigh  
Subject: Report on initial deliberations of the Delay-Tolerant Networking BOF

The initial meeting of the Birds-of-a-Feather (BOF) group for Delay-Tolerant Networking (DTN) was held on 19 November in Toulouse. In attendance were:

Scott Burleigh, JPL (chair)  
Bob Durst, MITRE  
Keith Scott, MITRE  
Dave Israel, GSFC  
Dai Stanton, BNSC  
Robert Rumeau, CNES

Following a presentation on the Rationale for delay-tolerant networking in space flight operations there was a wide-ranging discussion. It was particularly noted that the relevance of DTN will not be limited to deep space mission operations: the frequent interruptions in connectivity inherent in communication between Earth-based assets and a spacecraft orbiting the Moon argue for the application of DTN techniques to cislunar communications as well.

The sense of the meeting therefore was that the proposed program of work for the DTN BOF should proceed. The next scheduled milestone will be the distribution (within the BOF) of initial drafts of working group proposal documents, by 7 March 2005.