Exhibit C
Frequencies and Emissions

The MT will transmit on frequencies in the L-band (1631.5 - 1660.5 MHz) and receive on frequencies in the L-band (1530.0 – 1559.0 MHz). The frequencies that will be used for testing and demonstration are within the range allocated to MSV under the L-band operators' agreement.[1]

The maximum possible mobile aeronautical earth station EIRP is 30.8 dBW, but EIRP will be limited to the minimum necessary to achieve a reliable satellite communications link.

The maximum possible mobile maritime earth station EIRP is 33 dBW, but EIRP will be limited to the minimum necessary to achieve a reliable satellite communications link.

Modulation Types employed include:

1. ABPSK (Aviation BPSK)
2. QPSK
3. OQPSK

Communications Bandwidths utilized will include:

1.	2.5 KHz	ACARS Mobile Terminal RSMC Channel
2.	5.0 KHz	ACARS Earth Station PSMC Channel
3.	17.5 KHz	ACARS Earth Station P Channel
4.	17.5 KHz	ACARS Mobile Terminal R Channel
5.	17.5 KHz	ACARS Earth Station T Channel
6.	17.5 KHz	ACARS Mobile Terminal T Channel
7.	200 KHz	Mobile Terminal Broadband Data Link (Aero Demo)
8.	200 KHz	Earth Station Broadband Data Link (Aero Demo)
9.	400 KHz	Mobile Terminal Broadband Data Link (Maritime Demo)
10.	400 KHz	Earth Station Broadband Data Link (Maritime Demo)

[1] Memorandum of Understanding for the Intersystem Coordination of Certain Geostationary Mobile Satellite Systems Operating in the Bands 1525-1544/1545-1559 MHz and 1626.5-1645.5/1646.5-1660.5 MHz, Mexico City, Mexico (June 18, 1996).