

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).