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Marlene H. Dortch
Office of the Secretary
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 2055

RE: Public Notice and ET Docket No. 10-123

Dear Madame Secretary:

I am writing you on behalf of the Federal Maritime and Hydrographic Agency, to strongly urge you against the reallocation of the 1675-1710 MHz frequency band from meteorological to broadband use.

The Federal Maritime and Hydrographic Agency uses the 1675-1710 MHz band to receive the NOAA-15, NOAA-17, NOAA-18 and NOAA-19 satellites: The data are important to fulfill our legal obligations in the fields of marine services (e.g. ice service) and marine environmental monitoring.

In the 1675-1710 MHz band range, the following frequencies are used by L-Band direct reception ground stations:

1685.7 ± 3 MHz

1691.0 ± 256 KHz

1698.0 ± 1.5 MHz

1702.5 ± 1.5 MHz

1707.0 ± 1.5 MHz

Although the frequency range that L-Band direct reception uses can be quantified exactly above, a band sharing agreement in the 1675-1710 MHz range not be effective because broadband wireless equipment has poor filtering, and will therefore increase noise harmonics that will spill over into the satellite data range that is needed, rendering the data noisy and useless to us and our peers.

The 1675-1710 MHz frequency band is critical to our work. If the frequency is transferred to the broadband community, irreparable damage will be done to the Direct Reception community.

By order, Yours sincerely

Stephan Dick

Sp. Carte

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