

## FCC LICENSING & REGULATION

P.O. Box 1213, Houston, TX 77549 (281) 317-1397 T, (281) 271-8085 F info@rmtelecomlaw.com www.rmtelecomlaw.com

February 15, 2010

System Analysis Branch Satellite Division International Bureau Federal Communications Commission 445 12<sup>th</sup> Street SW Washington, DC 20554

Re: <u>E060157 License Modification</u>

Pursuant to Section 25.117 of the Commission's Rules, CapRock Communications, Inc. respectfully requests the modification of callsign E060157, file SES-MFS-20090811-00988. The application requests for the following changes:

## Antenna ESV9797

Addition of emission designators Increase of maximum total power at antenna flange Increase of aggregate output EIRP for all carriers

A new radiation hazard study has been performed for the antenna (see Exhibit A). The EIRP density, for the proposed emission designators, has been increased to 25.94dBW/4KHz. Measured at the feed, the EIRP density is -21.06dBW/4KHz. Seatel certifies that the Seatel 9797 model complies with 47 CFR 25.222(a) (1-4) when the input power to the antenna is -14dBW/4KHz (See Exhibit B). In the present case, the proposed emission designators still operate 7dB lower than the limit certified by Seatel.

Sincerely,

/s/ *Raul Magallanes* Attorney