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Ms. Nancy J. Victory, Chair  
Hurricane Katrina Independent Panel  
Federal Communications Commission  
445 12<sup>th</sup> Street, N.W.  
Room 7-C737  
Washington, DC 20554

Re: Globalstar LLC- Supplemental Information

Dear Ms. Victory:

During his presentation at the Panel's meeting of March 6, 2006, Mr. Jay Monroe, Chief Executive Officer of Globalstar, was requested to provide the following supplemental information for the Panel's record of proceedings.

(1) How much equipment did Globalstar deploy during and after the hurricane?

Answer: During and after Hurricane Katrina, we activated CDMA handsets, CDMA fixed phones, CDMA satellite data modems, GSM handsets and fixed phones, and simplex data modems. In our U.S./Caribbean region, we activated 3,384 new subscriptions in August 2005, and in September we activated 12,297, of which 11,087, or 90 percent, were CDMA handsets. In addition, in September 2005 we activated 2,002 of our simplex data modems, which are primarily used for asset monitoring and tracking. By way of comparison, in the same region for the six months from February through July 2005, we activated an average of 1,267 new phone and satellite data modem subscriptions per month. We do not currently have comparative monthly information for the simplex modems.

In the two weeks following the hurricane, we also hand-built and sent to FEMA four transportable Globalstar Emergency Communications Systems ("GEMCOMs") units. The GEMCOM is a box approximately 20 inches high by 22 inches wide by 38 inches long that contains five or six (depending upon configuration) Globalstar fixed phones and a GSM "picocell." Users can plug up to six standard telephones into RJ11 jacks. Up to fifteen GSM cell phones can communicate simultaneously with each other through the picocell. The cellphone users can also conduct five or six simultaneous calls through the GEMCOM via the Globalstar satellites over the public switched telephone network.

(2) How many simultaneous calls can Globalstar process?

Answer: There is no precise answer because the call capacity is contingent on many variables related to both the satellites and the Gateways. Each satellite has 16 spot beams which together cover a 3,500 mile diameter coverage area underneath the satellite. Each spot beam has 16.5 MHz of downlink spectrum which supports up to thirteen 1.23 MHz channels. Each 1.23 MHz channel can support up to 60 circuits. However, the satellite is power-limited, which prevents each satellite from supporting the theoretical maximum of  $60 \times 13 \times 16 = 12,480$  simultaneous voice calls. On the other hand, multiple satellites cover a point on the earth at any time (for instance, four to six satellites cover the continental U.S. at any time) so that the capacity of multiple satellites contributes to the total system capacity.

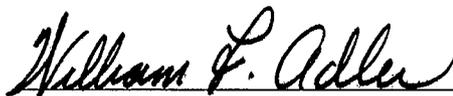
The call capacity also depends on resource allocation decisions made by Globalstar's control center and a Gateway's physical circuit configuration. We have the ability to change service coverage and to reassign or add communications channels in our Gateways and beams in our satellites as demand warrants because we control these aspects of the operation dynamically from our control center in California. The capacity of each Gateway to interconnect traffic to the public switched telephone network is matched to calling patterns through that Gateway and can be augmented reasonably promptly and at modest cost, provided that our interconnect vendors can quickly fill our orders. Finally, the circuit capacity of the Gateway depends on the hardware that has been installed. Adding new hardware to expand capacity takes some time and is relatively expensive. For these reasons, we do not normally add hardware to meet short-term changes in demand.

We refer the Panel to the Appendix to our Comment filed with this Panel on January 27, 2006, where we explained how we augmented capacity in the days before and after the hurricane to accommodate the demand.

Respectfully submitted,

GLOBALSTAR LLC

By:



William F. Adler

Vice President-Legal & Regulatory Affairs