

Upcoming GRB Simulator Software Baseline Change for Packet Size

December 8, 2015

As a result of extensive testing from the GOES-R team, it has been determined that GRB packets are being dropped intermittently via UDP multicast due to the large size of the packets. Current maximum size of GRB packets is approximately 16.3 KB. It is recommended that the maximum size be reduced to 1.5 KB in order to correct this issue. The impact requires a software change and a future update to the GRB simulator baseline. Therefore, any previous or current borrower of the GRB simulator may need to adjust their GRB receiving software to handle the processing of smaller packet sizes.

We anticipate the software change to be implemented in the GRB simulator baseline sometime in January 2016 with the opportunity for previous borrowers to make a request to re-borrow a GRB simulator beginning in February 2016. The borrowing period will be limited to a couple of weeks per borrower and will be on a first-come, first-served basis. Borrowers will have to submit their requests to the same Fed Biz Ops web site that they initially used to borrow a GRB simulator: <http://go.usa.gov/WvXY>.

Once you are at the Fed Biz Ops web site, you will need to navigate to the 'Complete View' section on the left-hand side of the page and click on the 'Changed' link dated Sep 01, 2015. We will provide more details about the software change once the baseline is implemented on the GRB simulator in the mid-January 2016 time frame. If you have any questions about this, you can contact Matt Seybold at matthew.seybold@noaa.gov or Kathryn Miretzky at kathryn.miretzky@noaa.gov.