Corrigendum

In the “The Future of the Next Generation Satellite Fleet and the McMurdo Ground Station” report, there is the following statement on page 20:

"Visibility of TDRSS satellite series may pose a problem, as currently there is only one TDRSS available to McMurdo for a limited time."

Currently McMurdo Station can see all the TDRSS satellites at 174, 171 and 150 degrees West. These TRDSS satellites are all in an inclined geostationary orbit. From Black Island there is greater than 20 hours per day visibility to these group of satellites. There is less visibility from Ross Island. There are two independent MTRS systems in McMurdo. The second MTRS or MTRS-2 is not on the closed network. The MGS RAID is on the closed network. This can be readjusted if necessary, so that data generated in McMurdo Station could go to another RAID and onto the MTRS-2 without ever leaving the open network. MTRS-2 status and control is on the mcmurdo.usap.gov local area network or open network, but not the data inputs. There is no Internet Protocol connection for data. Data inputs are on a patch panel and are single ended emitter couple logic or ECL. At present the data is patched into the ECL data output of the MGS RAID. There is a project underway now that is doing this with Tom Hawat at the University of Denver. Onsite MGS operators handle the use of the existing RAID for the data interface, until another RAID can be installed.