

Status of the Revalidation of Bandwidth Requirements

**Spring 2017 WG/CSAB Meeting
(OFCM, Silver Spring, MD)
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COPC Action Item

COPC Action Item 2016-2.2: Revalidate the previous captured telecommunication bandwidth requirements across the COPC partners.

Purpose: Updating these requirements will identify current and future data flows including source, destinations, volume, and related COPC business functions. This information will be used to validate bandwidth capacities for the MPG/NFG.

- Data call went out on Feb 9th to CCM, CSAB, and OD members with a request for the OPCs to update and return by Mar 27th.
- NAVO is currently review the past submission and will have the updated input in before the COPC meeting.
- FNMOC and 557 are still working on their updates.

CSAB Discussion

- This is the third data call to gather C OPC network requirements. The original intent of this effort was to size the bandwidth for circuits into the DOD's NIPRNet Federated Gateway (now called the Mission Partner Gateway MPG),
 - However this exercise has grown in importance by becoming the best source of information about what data is being exchanged between the OPCs and what each OPC is planning with future network data exchange.
 - Please keep in mind that the CCM members are tasked as the OPRs but it will need input from many different portions of your OPC and so all CSAB and WG/OD members were CCed.
 - FY 2017 – FY 2021 Process:
 - Please consider all forms of data exchange OPC related (model, ensembles, NWS/TG data, conventional, and satellite) which is currently exchanged and what is expected through FY21.
 - TOC is no longer an organization at NWS and is now covered by NCEP/NCO and NWS/TG.
 - An important, new column, called Network has been added which may prove to be difficult to complete but please make your best effort.
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CSAB Discussion

- Try to describe your network connection path for this data exchange:
 - COPC (Your direct circuit with NOAA/future MPG) – most important for us to understand what is and will be passing through the NOAA COPC circuit to the future MPG.
 - NIPR (Internet) – COPC related data exchange that travels over the NIPRNet connection and Internet connection to an organization. This could be important for the OPC's NIPRNet capacity and for understand/troubleshooting a certain data type outage.
 - DREN (research non DISA) – COPC related exchange on DREN.
 - WENet (DOD/OPC exchange) – DOD to DOD COPC related exchange. (Example NPP data from the 557 to FNMOC over the DISA circuit.)
 - Other – please enter additional information in the comment cell for that data item.
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CSAB Discussion

- If a data type is planned to move from one path to another, please add that info to the comment cell but use the current path in the Network cell.
 - If a data type is collected from two OPCs please reference this in the comments. (i.e. FNMOC receiving H8 data from the 557th and from NCEP.)
 - Please consider adding additional sections similar to what NAVO did last update. (i.e. Transmitted by NAVO to JPL.) I understand this is not exchange from a COPC OPC but the information is used by other OPCs.
- CSAB:
 - Do we want to set a new timeline for submission?
 - Should this be a separate agenda item at COPC? If so, who will present?
 - What is the AI recommendation?