

**Working Group**

**For**

**Centralized Communications Management**

**WG/CCM**

**COPC Status Updates and  
Recommendations**

March 29, 2017

LCDR Tristan Borne  
WG/CCM Chairperson

# Agenda

- CCM Team Membership
- Network Operational View
- The End Goal
- Alternate COPC Network Connection
- COPC Action Items

# WG/CCM Team

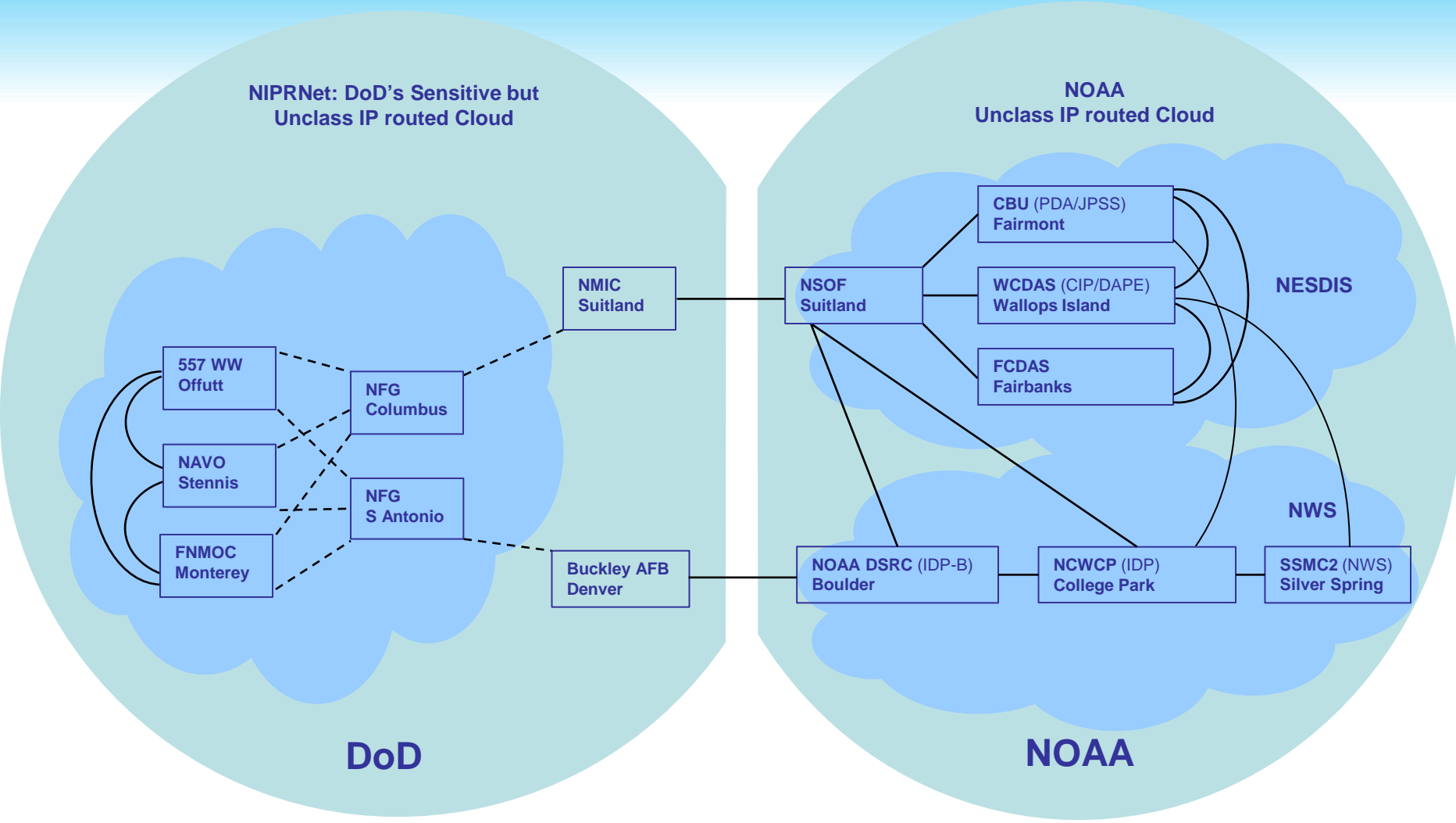
Member	Organization
Jason Rance Billy Cowgill Marvin Cunningham TSgt Michael Dent	Air Force/557th WW
Steven Deputy*	NOAA/NWS/NCEP/NCO
Craig Wade OSGS Russell Dyson OSPO	NOAA/NESDIS
Tracy LePire	Navy/NAVO
LCDR Tristan Borne (CCM Chair) Trent Hancock Derek Eddington	Navy/FNMOC
Kevin Greenlee	Navy/NAVIFOR/CIO-2
Ken Barnett	OFCM
Technical Advisor/SME/Alternate	Organization
MAJ Rubin Neypes Bruce Kenison (alternate)	DISA Field Office USSTRATCOM
Jagdish Rai	DISA

\* New to the role or group

# Network Operational View

Diagram - Removed for Web Version

# End Goal: What CCM is working towards



# Alternate COPC Network Connection

Since the last COPC meeting in Nov 2016, the OPCs continue to benefit from the primary and alternate operational circuit.

- The primary path (Suitland, MD) and alternate path (Boulder, CO) allowed for no significant data loss due to cross agency network outages.

Slowed momentum on the MPG/NFG implementation but the group continues to pursue multiple solutions/options/hurdles:

- No 4<sup>th</sup> fiber was found between NSOF and NMIC (in Suitland).
  - NESDIS pursued getting a quote for a new 24 strand fiber run by a company already cleared (ran DMSP fiber).
  - Navy interested in potentially funding this fiber run to allow non-operational impact testing to NFG and extra direct fiber runs as spares for all 3 DOD OPCs.
- 557 WW resubmitted the TSR for 500 MBs of the SSTs from NOAA Boulder to Buckley to be used to connect to the San Antonio MPG/NFG.
- 557 WW moving forward with a planned process to implement equipment that supports the automatic failover (about 90% completed).
- The CCM group needs to finalize the draft concept of operations (CONOPS) for the COPC network operations (NETOPS).
  - Purpose: To mitigate planned and unplanned network outages that impact the OPC data exchange, with the goal to reduce recover time and use resources efficiently.
- AF and Navy are working on a cost sharing agreement for the Boulder OC48.

DISA is also needing upgrades to allow full COPC bandwidth:

- DISA is estimating FY18 readiness.
- CCM Exe Sec will work to have DISA present their status at the COPC meeting.

# COPC Network Action Items

**COPC Action Item 2013-1.5:** Implement an end-to-end latency test exchange using representative proxy data from NOAA (NESDIS, TOC, and NCEP) through NFG to each DoD OPC].

- No new information on this action from CCM.
  - Related: WG/OD and CSAB working to get a baseline time transfer between NAVO/NESDIS and NAVO/FNMOC. [\[Reviewed in another briefing at CSAB\]](#)
  - Same process would be used to evaluate through JRSS and MPG/NFG.
- CCM recommends keeping this action item open.

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

- 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.
- [\[Reviewed in another briefing at CSAB\]](#)
- CCM recommends keeping this action item open.

**COPC Action Item 2016-2.4:** OPCs to determine how best to route data to both College Park and Boulder IDPs.

- [\[Reviewed in another briefing at CSAB\]](#)
- CCM recommends keeping this action item open or closing and opening a new action.

# COPC Network Action Items

**COPC Action Item 2016-2.5:** Have a lessons learned briefing at the next COPC to review the OPCs' ATO (CCRI) and C&A process.

**Purpose:** To share lessons learned from security practices from the other OPCs.

- 557 and FNMOC personnel held a telcon.
- 557 traveled to FNMOC to discuss this in detail.
- CCM recommends closing this action.



# Questions