“Enhancing Mariners’ Situational Awareness”

eATON and Hurricane Response

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eATON and Hurricane Response
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Nationwide AIS Towers and Current AIS-ATON

District 1
(82) Synthetic
(1) Virtual

District 5
(36) Synthetic
(11) Virtual

District 7
(145) Synthetic
(2) Virtual

District 9
(67) Synthetic
(3) Virtual

District 13
(11) Synthetic
(3) Virtual

District 11
(10) Synthetic
(22) Virtual

District 17
(2) Synthetic
Broadcast Through
Marine Exchange Alaska (MXAK)

District 8
(21) Synthetic
(11) Virtual

District 14
(2) Synthetic
(1) Virtual

District 7
(145) Synthetic
(2) Virtual

District 9
(67) Synthetic
(3) Virtual

District 13
(11) Synthetic
(3) Virtual

District 11
(10) Synthetic
(22) Virtual

District 17
(2) Synthetic
Broadcast Through
Marine Exchange Alaska (MXAK)
Hurricane Harvey

- Corpus Christi and Houston
- Regular pre-storm eATON constellation
- Landfall 25 Aug
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Hurricane Irma

Cone of Uncertainty from NC/SC border to Tallahassee FL

Charleston
Savannah
Jacksonville
Miami
Key West
Tampa
Puerto Rico
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Before the storm

Port of Miami
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Storm Constellation
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Pre storm / Post Storm

![Bar Chart]

- CG SECTOR CHARLESTON: Prior 34, Created 107, Deleted 107
- CG SECTOR JACKSONVILLE: Prior 8, Created 74, Deleted 72
- CG SECTOR KEY WEST: Prior 7, Created 20, Deleted 20
- CG SECTOR MIAMI: Prior 10, Created 27, Deleted 27
- CG SECTOR SAN JUAN: Prior 40, Created 29, Deleted 0
- CG SECTOR STPETERSBURG: Prior 13, Created 30, Deleted 26

Legend:
- Prior
- Created
- Deleted
Lessons Learned

- Post Storm ATON response
  - Preloading the towers
  - Portable Kit
- Port Reconstitution
- Establishment and Discontinues SAIS-ATON can be done quickly and simply
Questions?