

The background is a vibrant green with a complex, abstract design. On the left, there's a stylized globe with latitude and longitude lines. To its right, several concentric, semi-circular bands with varying shades of green and white segments create a sense of depth and motion. Further right, a series of horizontal lines with small circular endpoints, resembling a circuit board or data paths, extend across the frame. The overall aesthetic is high-tech and digital.

Wireless Connectivity Bridge



MI TECHNICAL SOLUTIONS

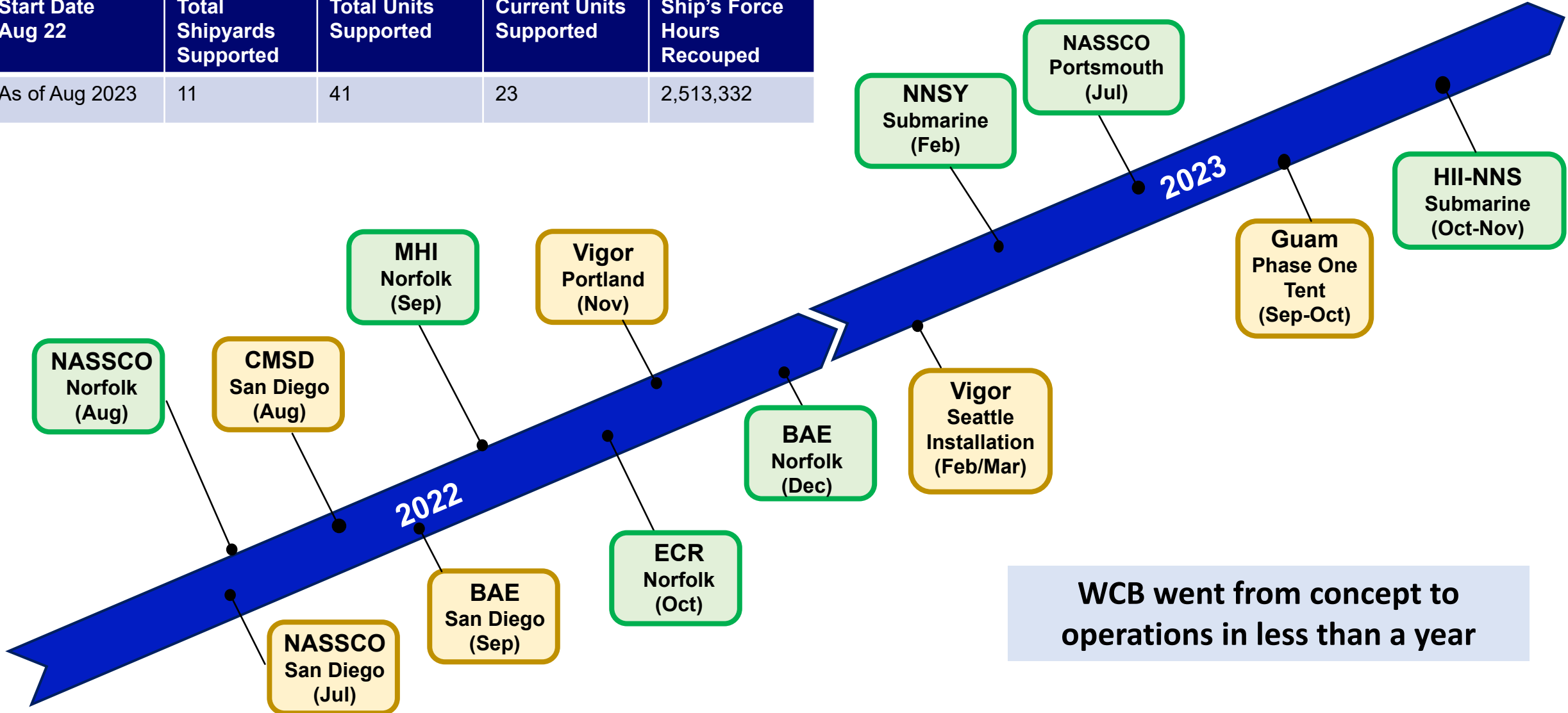
WCB Installations

- ✓ Provides wireless connectivity between the ship/barge and shore for DODIN pier connectivity services (ECPA)
- ✓ Capable of supporting 4 ships/barges with total throughput of 450 Mbps per antenna
- ✓ Installations in process to provide all US based maintenance locations and selected overseas bases with WCB services by 2024
- ✓ Signal does not degrade over time
- ✓ Cost effective alternative to traditional infrastructure



WCB Installations

Start Date Aug 22	Total Shipyards Supported	Total Units Supported	Current Units Supported	Ship's Force Hours Recouped
As of Aug 2023	11	41	23	2,513,332



WCB went from concept to operations in less than a year

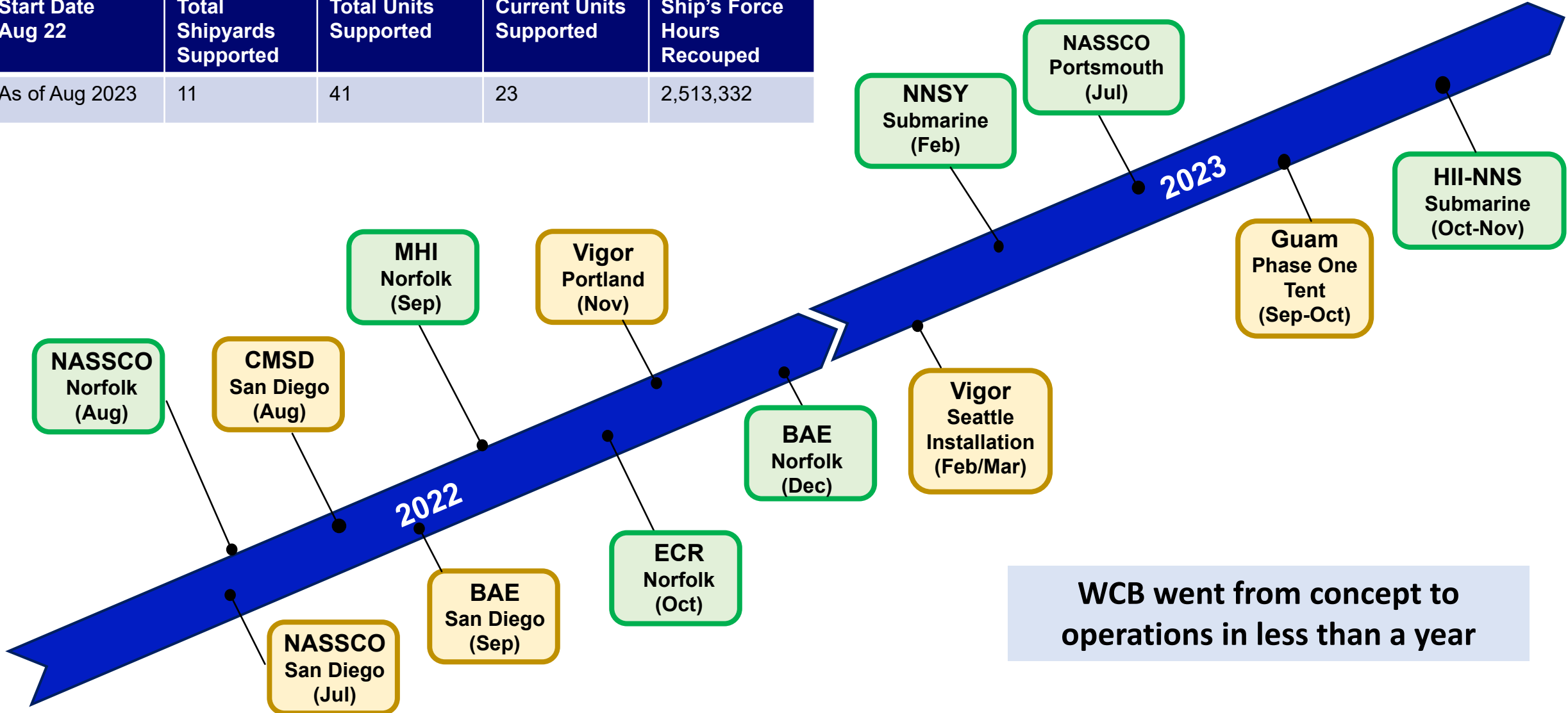
WCB Overview

- ✓ Provides the connection between the ship/barge and EPCA 2.0 (~~DISA Circuit~~) or Commercial ISPs
- ✓ Cost effective alternative to traditional infrastructure
- ✓ Capable of supporting up to 4 ships with a total aggregate throughput of 450Mbps per antenna
- ✓ Installations in process to provide all US-based maintenance locations and selected overseas bases with WCB services by 2024



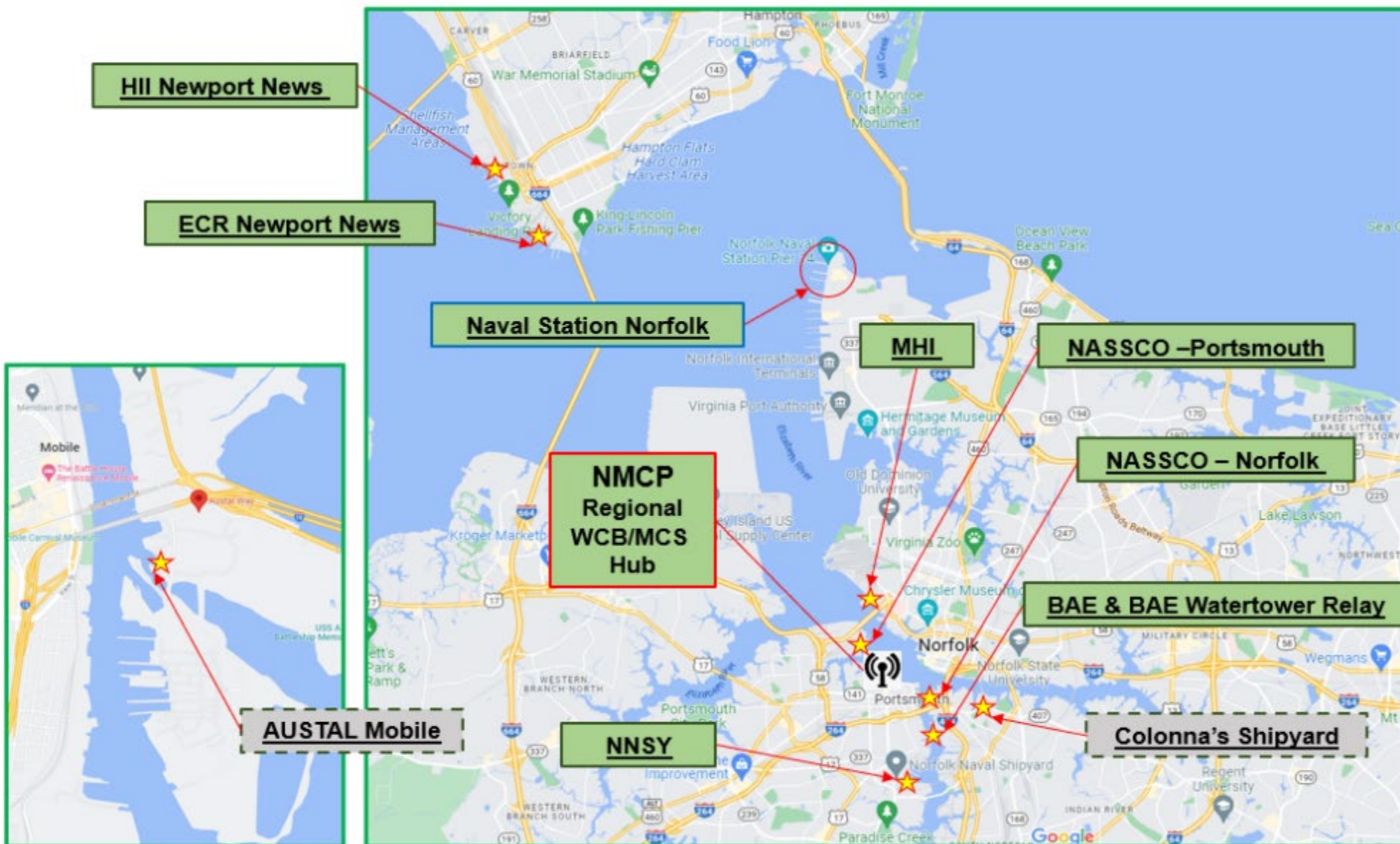
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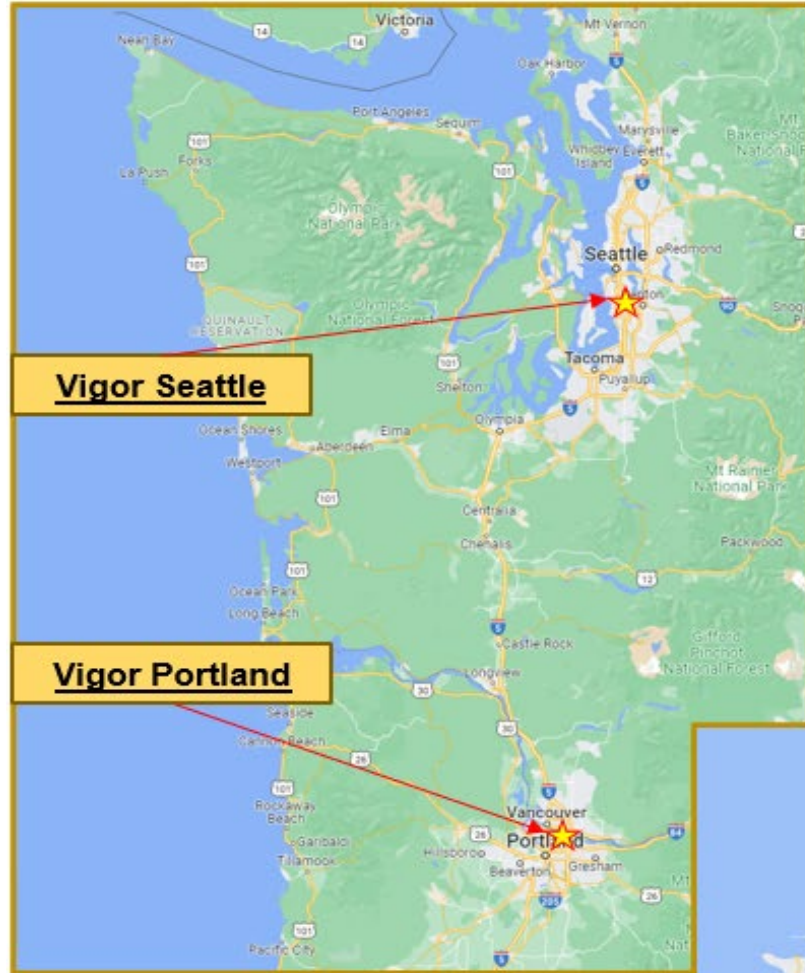


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WCB East Coast Installations



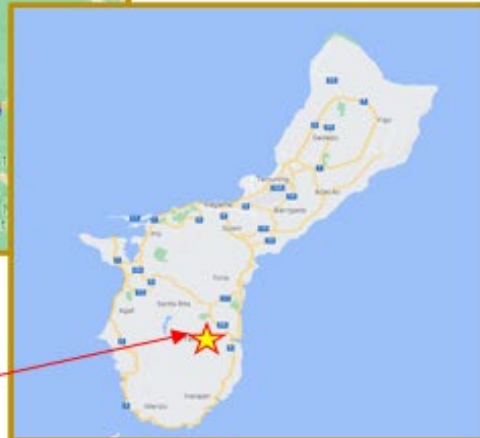
WCB West Coast Installations



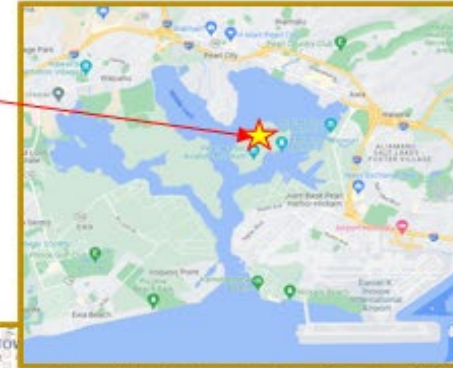
Vigor Seattle

Vigor Portland

GUAM



PHNSY



CMSD

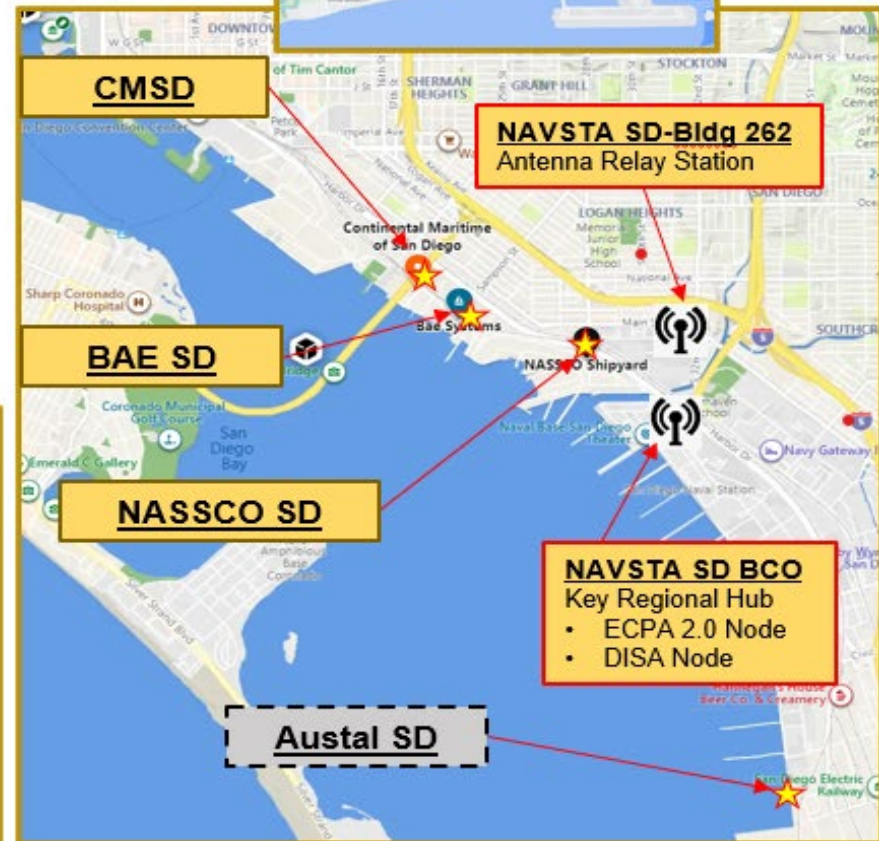
NAVSTA SD-Bldg 262
Antenna Relay Station

BAE SD

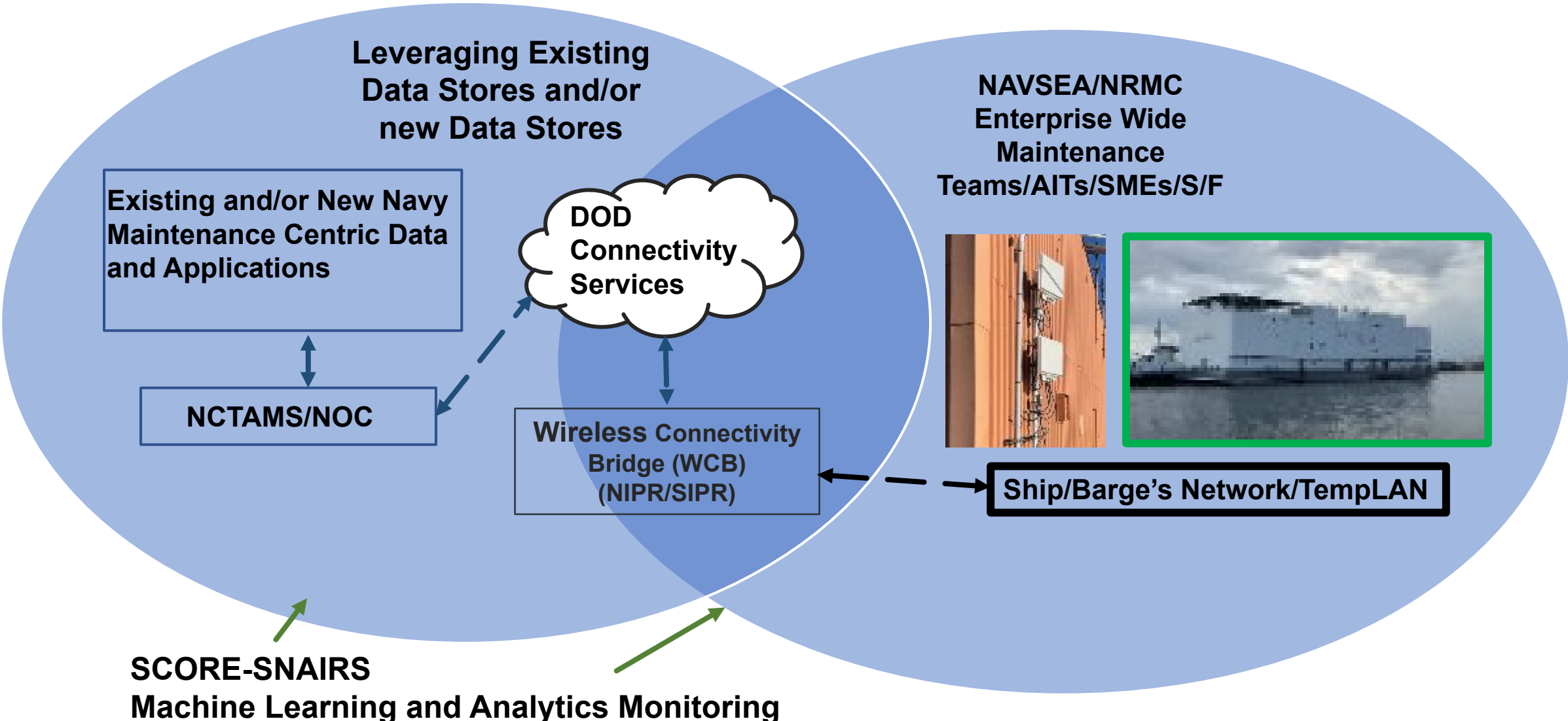
NASSCO SD

NAVSTA SD BCO
Key Regional Hub
• ECPA 2.0 Node
• DISA Node

Austal SD



Bridging the Gap Through WCB (NIPR/SIPR)



Universal Communications Kit (UCK)

- ✓ Collaborated between CNRMC and TYCOMs to expand SCORE-SNAIRS by providing standardized connectivity with modernized Pier Wide Area Network Suitcases (used when ADNS not available).
- ✓ Provided CVN SHOUT Voice Over IP (VOIP) phone system integration with UCK to the ship to support over 60 additional phones lines.
- ✓ Increased capabilities allowing services to be provided to multiple units simultaneously.

