

STRATEGIC HIGHWAY NETWORK (STRAHNET) OVERVIEW

Military Transportation System

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Presentation Outline

- USDOT Planning Emphasis Areas
- Strategic Highway Network (STRAHNET)
 - Local Maps
- Military Transportation System
 - TRANSCOM
 - SDDC Command Overview



Federal Planning Emphasis Areas

- The FHWA and FTA Planning Offices issued a Planning Emphasis Areas (PEAs) letter on December 30, 2021
 - Key topics federal agencies want to see addressed in statewide, metropolitan, and other agency planning
 - Areas included: climate change, equity, complete streets, public involvement, data
- #5 - Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination**
 - “FHWA Division and FTA regional offices should encourage MPOs and State DOTs to coordinate with representatives from DOD in the transportation planning and project programming process on infrastructure and connectivity needs for STRAHNET routes and other public roads that connect to DOD facilities.”



Why have a STRAHNET?

- Dwight D. Eisenhower National System of Interstate and Defense Highways (1956)
 - At the time, the nation's highways were deemed inadequate to meet the needs of national and civil defense.
 - Note: [1919 Motor Transport Corps convoy](#) (*Wikipedia*)
- The DOD's facilities include military bases, ports, and depots. The road network that provides access and connections to these facilities is essential to national security.



What is STRAHNET?

- The 64,200-mile STRAHNET system consists of public highways that provide access, continuity, and emergency transportation of personnel and equipment in times of peace and war.
 - It includes the entire 48,800 miles of the Interstate and Defense Highway system and 14,000 miles of other non-Interstate public highways on the National Highway System.
 - STRAHNET also contains approximately 1,800 miles of connector routes linking more than 200 military installations and ports to the primary highway system.
 - DOD's facilities are also often major employers in a region, generating substantial volumes of commuter and freight traffic on the transportation network and around entry points to the military facilities.



STRAHNET – Update in Progress

- The STRAHNET is tracked by the Transportation Engineering Agency (TEA) of the US Army's Surface Deployment and Distribution Command (SDDC).
- Maps available for each state and major bases in each:
<https://www.sddc.army.mil/sites/TEA/functions/specialassistant/strahnet/forms/allitems.aspx>
- Most of the current network's maps date to the early/mid-2010s.
- SDDCTEA has begun an update of the STRAHNET, with the first state to be reviewed, Florida, completed in February 2024.
 - In addition, a number of bases and facilities have been recently renamed, which will be updated as well.

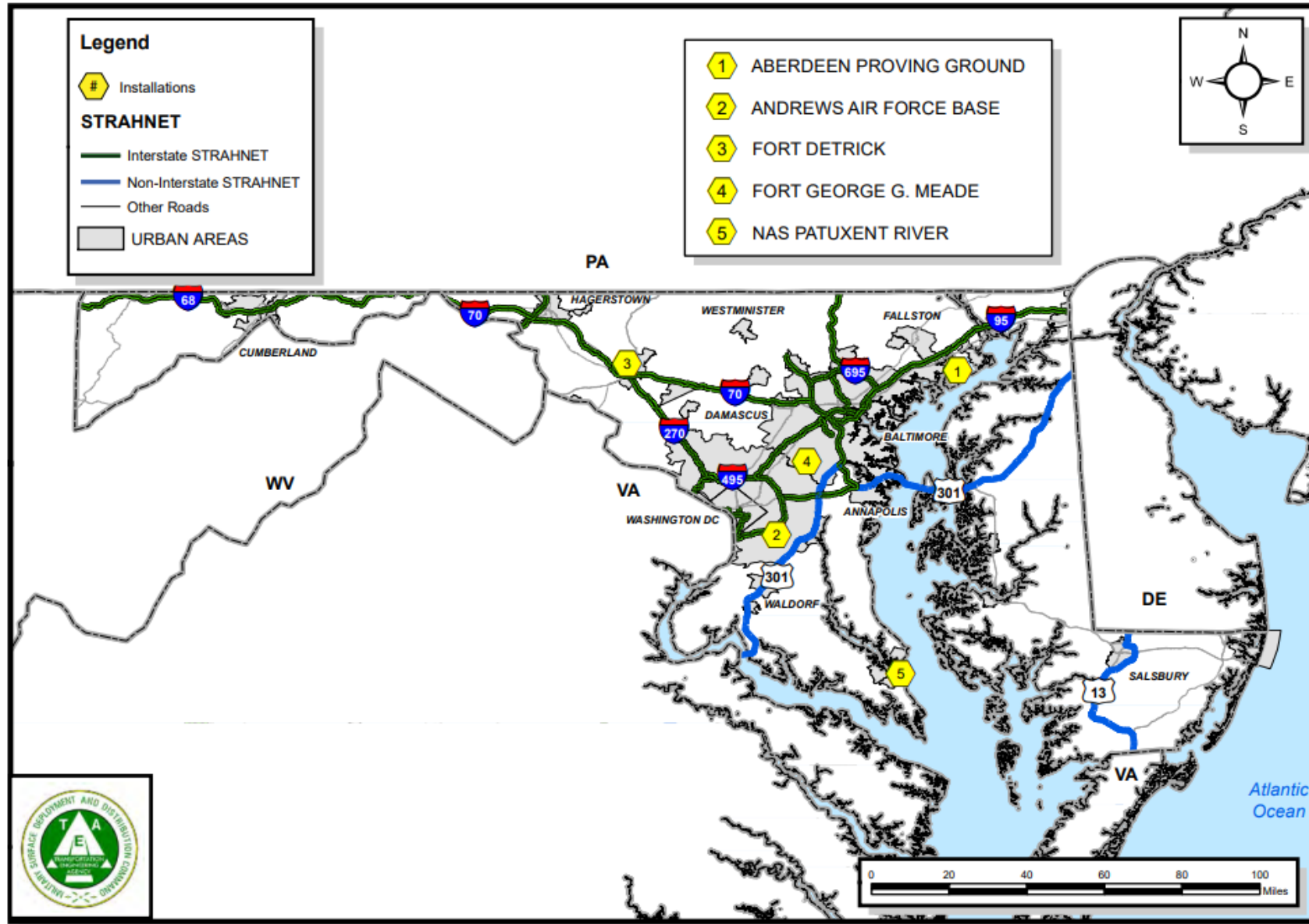


STRAHNET – USA Map

STRAHNET AND STRAHNET CONNECTORS



MARYLAND








Last Updated: June 28 2012























STRAHNET Virginia

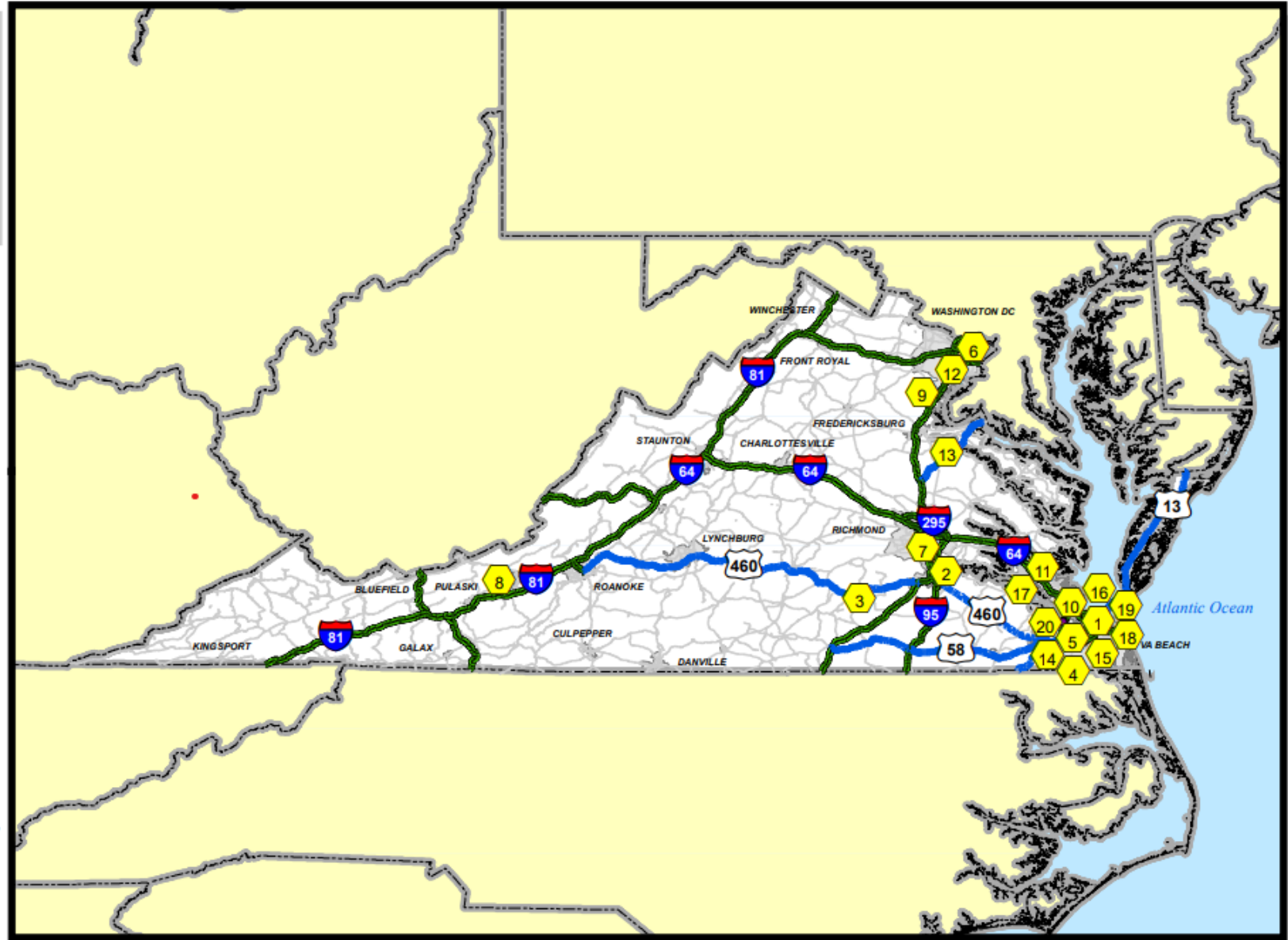
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Legend

-  Installations
-  Interstate STRAHNET
-  Non-Interstate STRAHNET
-  Other Roads
-  Urban Areas

Installations

-  1 Naval Air Station, Oceana
-  2 Fort Lee
-  3 Fort Pickett
-  4 Norfolk Naval Shipyard
-  5 Langley Air Force Base
-  6 Fort Myer
-  7 DGSC, Richmond
-  8 Radford Army Ammunition Plant
-  9 Marine Corps Base, Quantico
-  10 Naval Station, Norfolk
-  11 Naval Supply Center Cheatham Annex
-  12 Fort Belvoir
-  13 Fort A.P. Hill
-  14 Naval Weapons Station, Yorktown
-  15 Fort Story
-  16 Little Creek Naval Amphibious Base
-  17 Fort Eustis
-  18 Port of Virginia "Norfolk International Terminal"
-  19 Port of Virginia "Newport News Marine Terminal"
-  20 Hampton Roads "Portsmouth Marine Terminal"



Legend

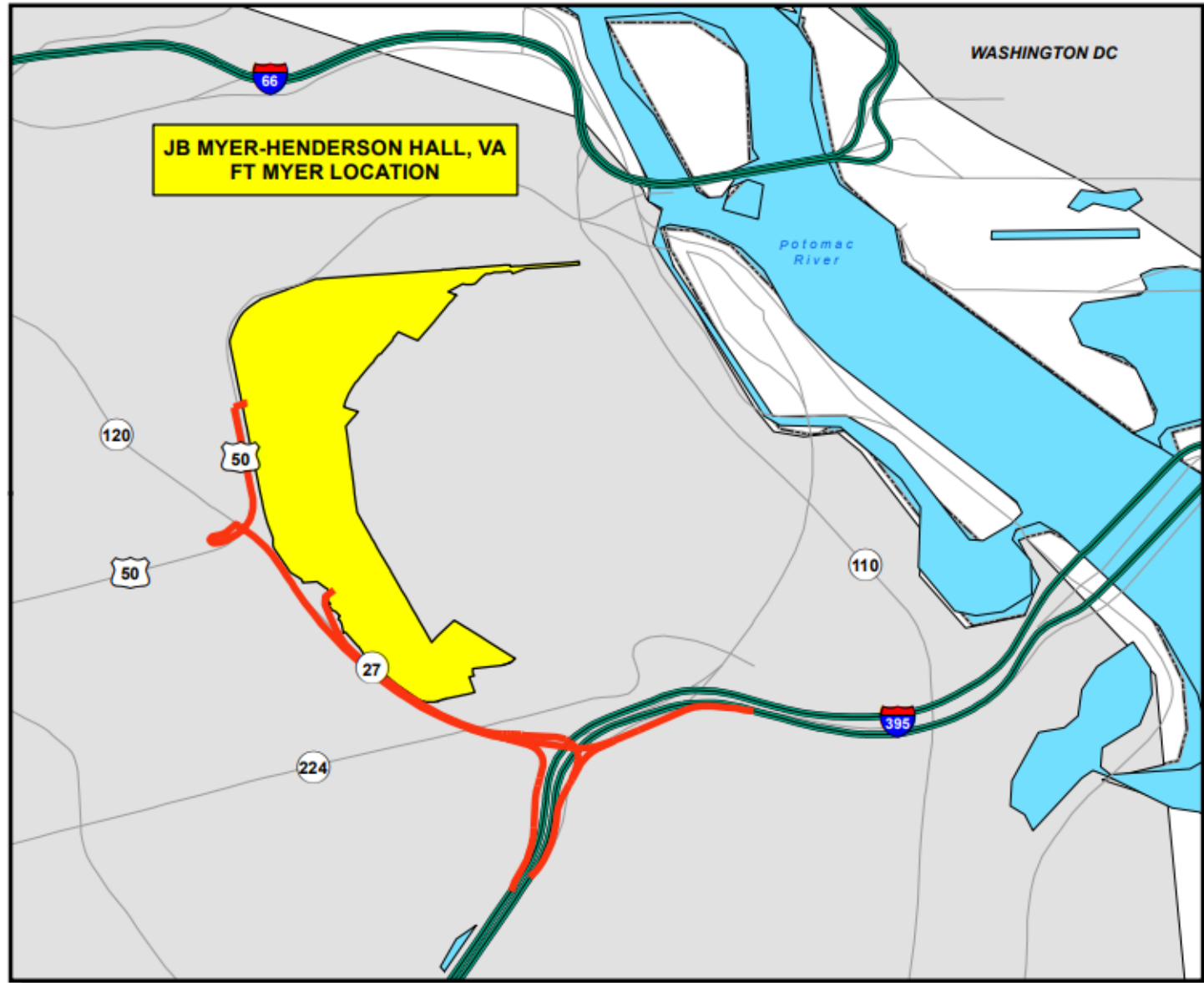
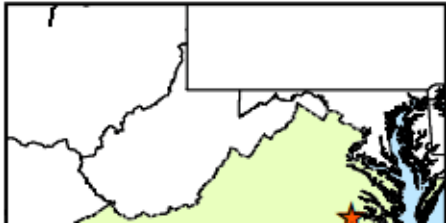
- Interstate STRAHNET
- Non-Interstate STRAHNET
- STRAHNET Connector
- Other Roads
- INSTALLATION OF INTEREST
- OTHER INSTALLATIONS
- URBAN AREAS

ROUTE TO STRAHNET

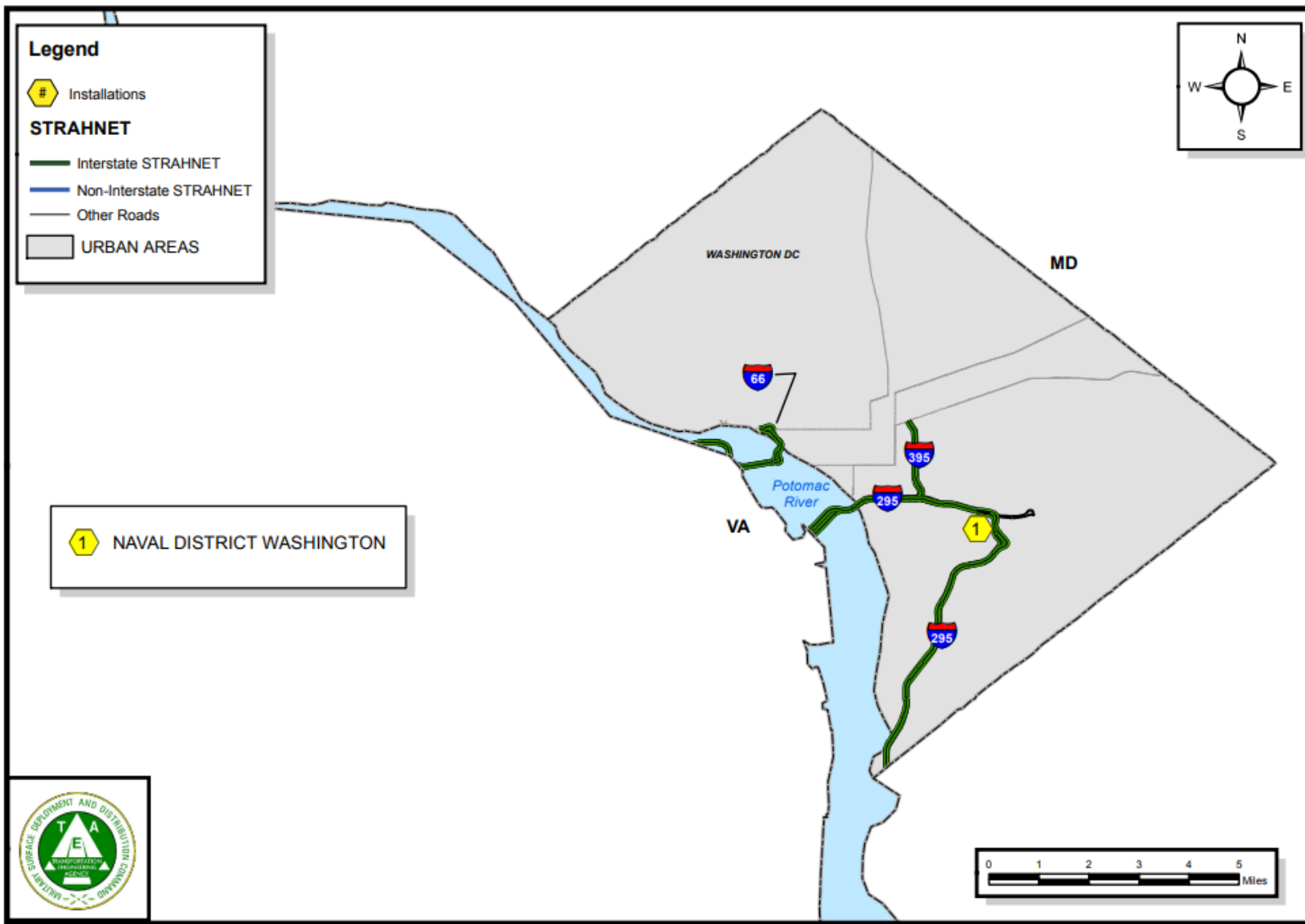
US 50 S TO VA 27,
VA 27 S TO I-395

HENDERSON HALL HAS
NO STRAHNET CONNECTOR

Connector mileage = 1.80 miles



DISTRICT OF COLUMBIA









Last Updated: June 27 2012



NAVAL DISTRICT WASHINGTON, DC

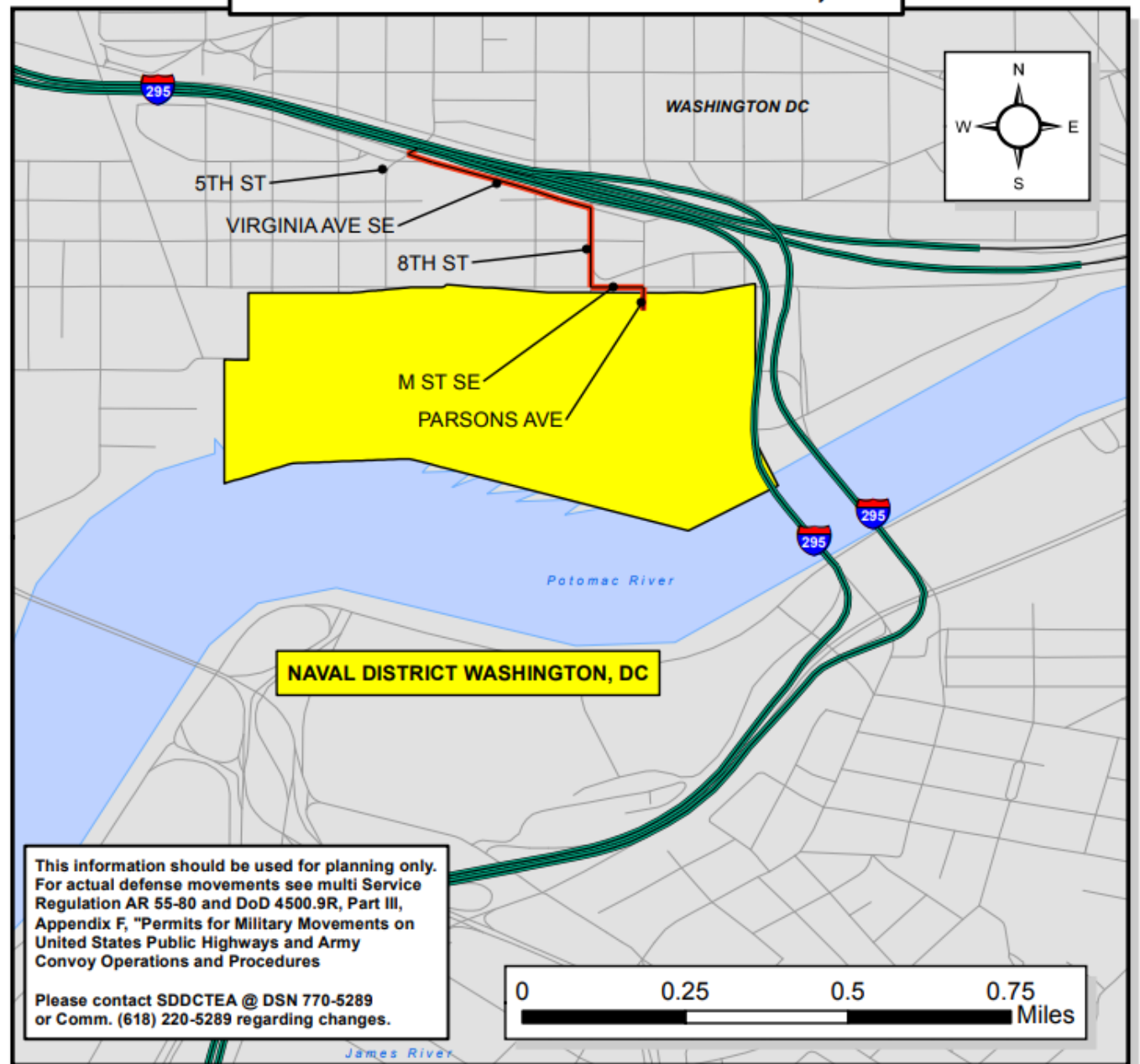
Legend

-  Interstate STRAHNET
-  Non-Interstate STRAHNET
-  STRAHNET Connector
-  Other Roads
-  Installation of Interest
-  URBAN AREAS

ROUTE TO STRAHNET
 PARSONS AVE N TO M ST SE,
 M ST SE W TO 8TH ST,
 8TH ST N TO I-295

Connector mileage = .47 miles





This information should be used for planning only. For actual defense movements see multi Service Regulation AR 55-80 and DoD 4500.9R, Part III, Appendix F, "Permits for Military Movements on United States Public Highways and Army Convoy Operations and Procedures"

Please contact SDDCTEA @ DSN 770-5289 or Comm. (618) 220-5289 regarding changes.



Last Updated: June 25 2012

Military Transportation System

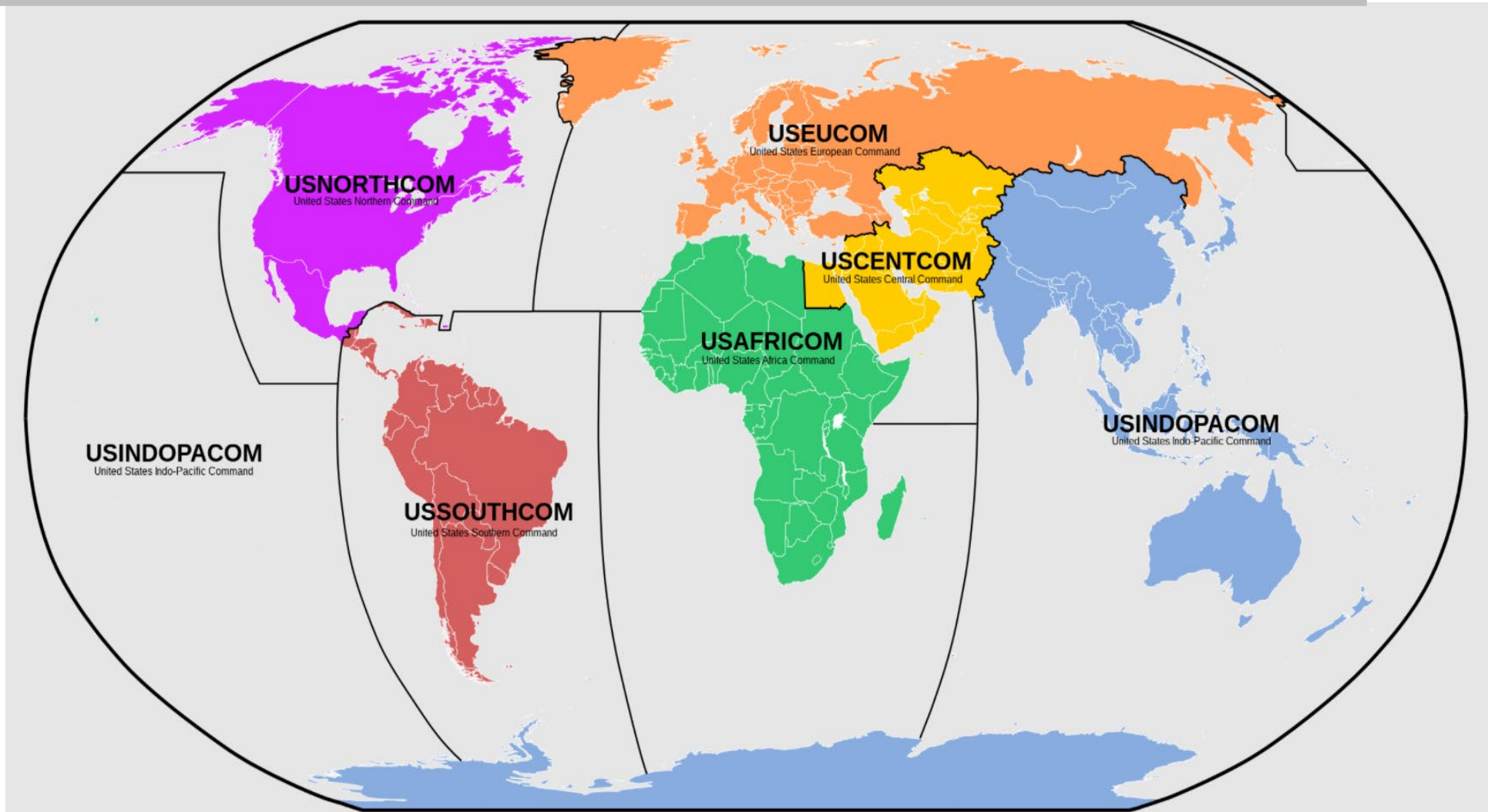


Unified Combatant Commands (COCOMs)

- Functional COCOMs operate world-wide across geographic boundaries and provide unique capabilities to geographic combatant commands and the Services
 - USSOCOM: U.S. Special Operations Command, MacDill Air Force Base, FL.
 - USSTRATCOM: U.S. Strategic Command, Offutt Air Force Base, NE.
 - USSPACECOM: U.S. Space Command, Peterson Space Force Base, CO.
 - USTRANSCOM: U.S. Transportation Command, Scott Air Force Base, IL.
 - USCYBERCOM: U.S. Cyber Command, Fort George G. Meade, MD.
- Geographic COCOMs operate in clearly delineated areas of operation and have a distinctive regional military focus.
 - USAFRICOM: U.S. Africa Command, Kelley Barracks, Stuttgart, Germany.
 - USCENTCOM: U.S. Central Command, MacDill Air Force Base, FL.
 - USEUCOM: U.S. European Command, Patch Barracks, Stuttgart, Germany.
 - USNORTHCOM: U.S. Northern Command, Peterson Air Force Base, CO.
 - USINDOPACOM: U.S. Indo-Pacific Command, Camp H.M. Smith, HI.
 - USSOUTHCOM: U.S. Southern Command, Miami, FL.



Map of Geographic COCOMs



TRANSCOM and SDDC

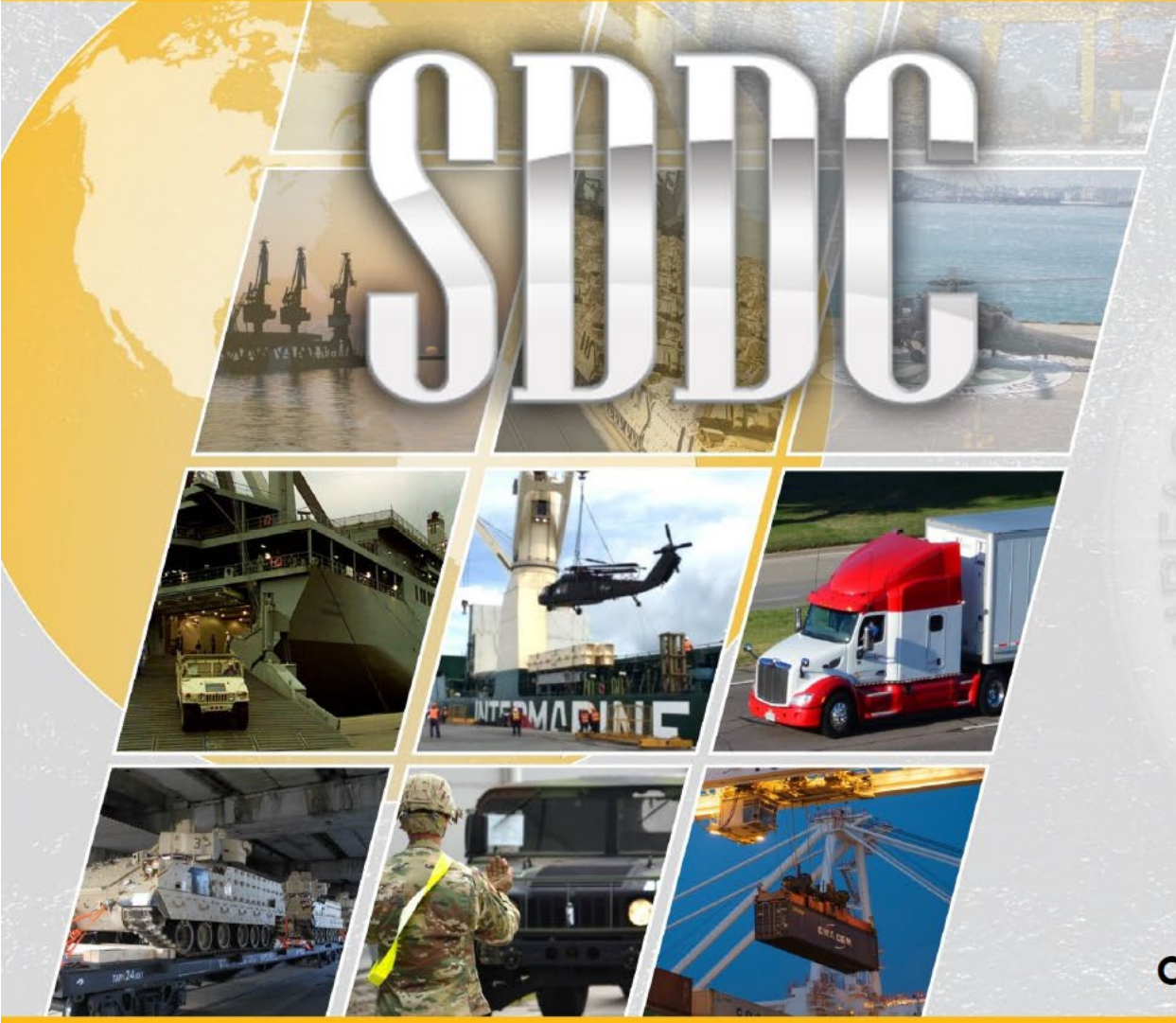
- USTRANSCOM
 - Responsible for military transportation missions
 - Air (Air Force), Sea (Navy) and Land (Army) component commands handle transportation needs for respective areas
 - Air Mobility Command (AMC)
 - Provide rapid, global mobility and sustainment via airlift and aerial refueling for America's armed forces as well as humanitarian support
 - Military Sealift Command (MSC)
 - Operates approximately 110 non-combatant, civilian-crewed ships that replenish U.S. Navy ships, conduct specialized missions, strategically preposition combat cargo at sea around the world and move military cargo
 - Surface Deployment and Distribution Command (SDDC)





SDDDC

SDDDC Command Overview

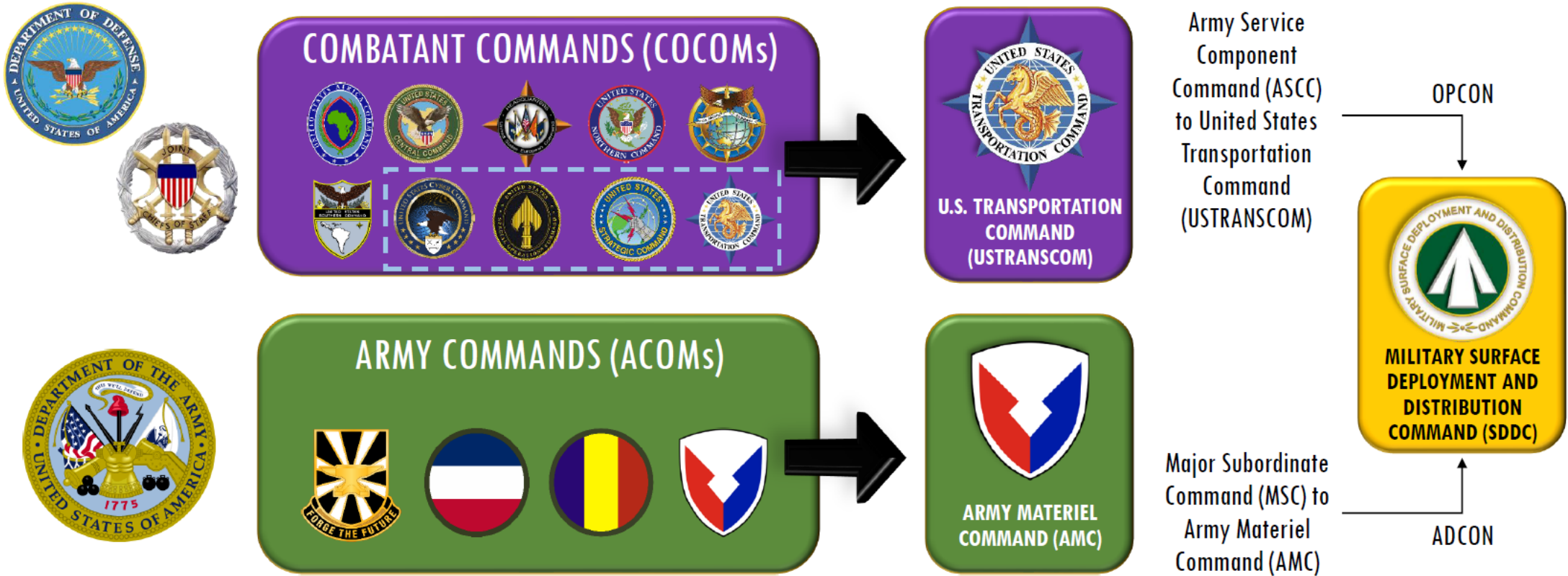


OVERALL CLASSIFICATION: **UNCLASSIFIED**





SDDC ORGANIZATIONAL STRUCTURE

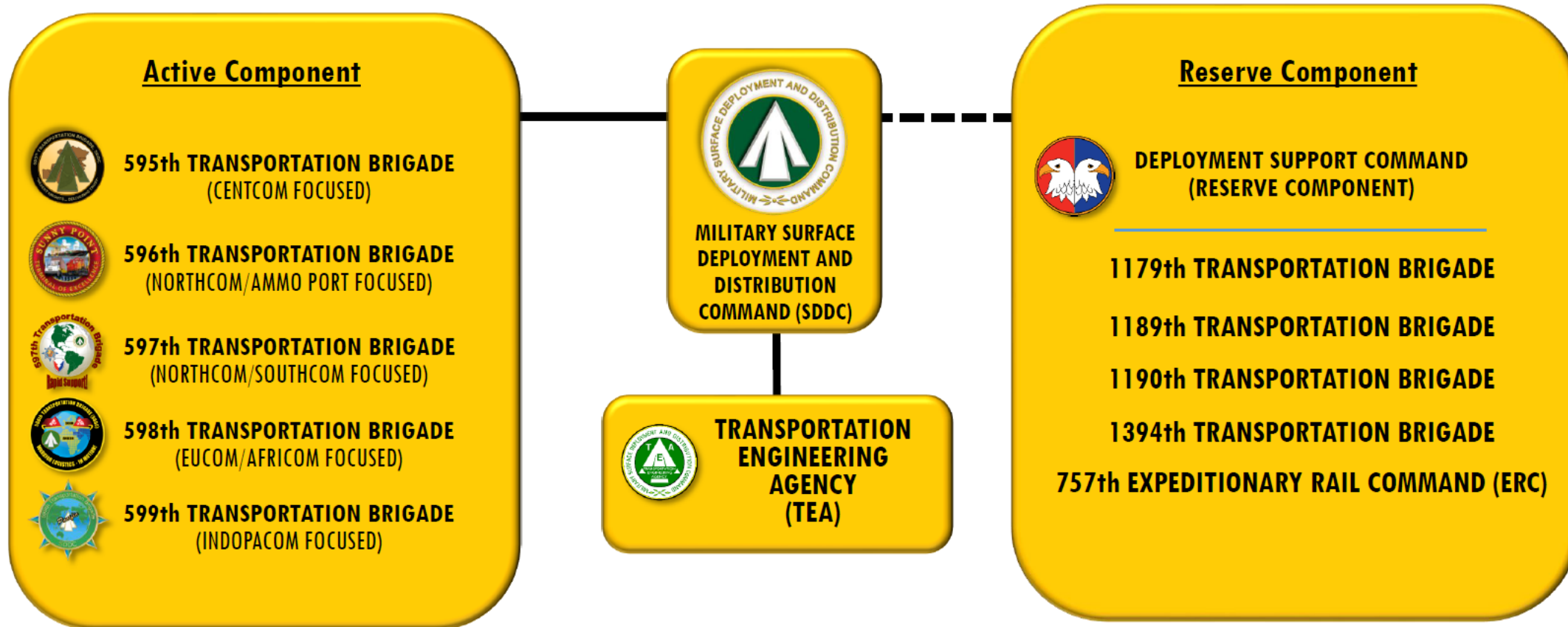


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SDDC ORGANIZATIONAL STRUCTURE



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SDDC MISSION, VISION & ENDSTATE

OUR MISSION:

Plan, coordinate, and synchronize global end to end deployment and distribution services to project and sustain our nation's Warfighters in support of national objectives.

OUR VISION:

A world-class team delivering innovative and responsive global deployment and distribution solutions now and into the future.

OUR ENDSTATE:

Agile distribution and deployment support provided on time...on target...every time!



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MOTCO
MILITARY OCEAN TERMINAL CONCORD
 • STRATEGIC AMMUNITION PORT TO THE WEST

MOTSU
MILITARY OCEAN TERMINAL SUNNY POINT
 • STRATEGIC AMMUNITION PORT TO THE EAST

SDDC FORCES

- 9 BRIGADES
- 24 BATTALIONS
- 18 ETOEs
- 10 ACDs
- 3 RPOEs
- 1 ERC

TEA
TRANSPORTATION ENGINEERING AGENCY — SCOTT AFB, IL

- TRANSPORTATION ENGINEERING
- DEPLOYABILITY ANALYSIS
- MODELING AND SIMULATION
- PROGRAMS FOR NATIONAL DEFENSE:
 - HIGHWAYS, RAILROADS, PORTS

HEADQUARTERS **BRIGADES, BATTALIONS, AND DETACHMENTS (SDDC AND HQ)**

DSC **RECENT SDDC ACTIVITY**

- SDDC HEADQUARTERS (SCOTT AFB, IL)**
TEA (SCOTT AFB, IL)
- 595TH TRANS BDE (CAMP ARIFJAN, KUWAIT)**
 831ST TRANS BN (BAHRAIN)
 840TH TRANS BN (ASH SHUAIBA, KUWAIT)
- 596TH TRANS BDE (SOUTH PORT, N.C.)**
 833RD TRANS BN (JB LEWIS-MCCORD, WA)
 834TH TRANS BN (CONCORD, CA)
- 597TH TRANS BDE (JB LANGLEY-EUSTIS, VA)**
 832ND TRANS BN (JB LANGLEY-EUSTIS, VA)
 841ST TRANS BN (CHARLESTON, S.C.)
 842ND TRANS BN (BEAUMONT, TX)
- 598TH TRANS BDE (SEMBACH, GERMANY)**
 838TH TRANS BN (KAISERSLAUTERN, GERMANY)
 839TH TRANS BN (LIVORNO, ITALY)
- 599TH TRANS BDE (WHEELER AAF, HI)**
 835TH TRANS BN (OKINAWA, JAPAN)
 836TH TRANS BN (YOKOHAMA, JAPAN)
 837TH TRANS BN (BUSAN, ROK)
 SDDC NRU PACIFIC (NAVY RESERVE) (ALAMEDA, CA)
- DEPLOYMENT SUPPORT COMMAND (DSC) (U.S. ARMY RESERVE) (BIRMINGHAM, AL)**
- 1179TH TRANS BDE (FORT HAMILTON, NY)**
 1173RD DDSB (BROCKTON, MA)
 1174TH DDSB (FLUSHING, NY)
 1185TH DDSB (LANCASTER, PA)
 1398TH DDSB (BALTIMORE, MD)
- 1189TH TRANS BDE (CHARLESTON, SC)**
 1182ND DDSB (NORTH CHARLESTON, SC)
 1186TH DDSB (JACKSONVILLE, FL)
 1188TH DDSB (DECATUR, GA)
- 1190TH TRANS BDE (BATON ROUGE, LA)**
 1181ST DDSB (MERIDIAN, MS)
 1184TH DDSB (MOBILE, AL)
 1192ND DDSB (NEW ORLEANS, LA)
- 1394TH TRANS BDE (CAMP PENDLETON, CA)**
 1395TH DDSB (SEATTLE, WA)
 1397TH DDSB (VALLEJO, CA)
- 757TH ERC (GRAFTON, IL)**

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OUR STRENGTH: SDDC's PEOPLE

SDDC Authorizations

1,460 **Civilians**
 500 **Contractors**
 408 **Active Duty**
 231 **Local Nationals**
2,599 TOTAL

DSC Authorizations

105 **HQ DSC**
 244 **4 Brigades (61 ea)**
 181 **1 Expeditionary Rail Center**
 1,128 **12 Battalions (DDSB) (94 ea)**
 738 **18 ETOEs (41 ea)**
 200 **10 ACDs (20 ea)**
 4 **2 Chap Dets (2 ea)**

2,600 TOTAL

**SDDC's
 Total Force
 ~5,200**

- MILITARY:**
- Average age of assigned active duty military personnel: 38 years old
 - Average years of service for active duty military personnel: 16 years
 - Total assigned active duty military personnel, command-wide: 408
 - Breakout of the 408 military personnel by service:
 - Army assigned active duty personnel: 388
 - Officers: 131
 - Enlisted: 257
 - Navy assigned active duty personnel: 13
 - Officers: 13
 - Enlisted: 0
 - Air Force assigned active duty personnel: 7
 - Officers: 7
 - Enlisted: 0

- CIVILIAN:**
- Civilian Employees assigned to SDDC: 1,460
 - Average age: 49
 - Average Years of Service: 16
 - Retirement eligible within 2 years: 23%
 - Civilians retired from the Military: 319



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SDDC's COMPREHENSIVE READINESS

SDDC's comprehensive readiness connects combat power and lethality to conveyances, links the global distribution network to the warfight, and provides a lens through which the command evaluates operational effectiveness.



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SDDC's LINES OF OPERATION

**SURFACE WARRIORS
DELIVER READINESS
ON TIME, ON TARGET,
EVERY TIME!**

- Leader in DOD Deployment and Distribution Solutions
- Global Focus
- Mode and Node Neutral
- Commercial Partners

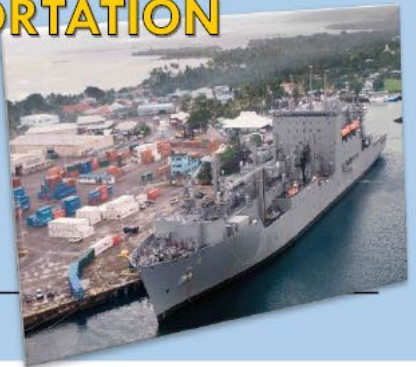
**DOMESTIC
TRANSPORTATION**



**TRANSPORTATION
ENGINEERING**



**INTERNATIONAL
TRANSPORTATION**

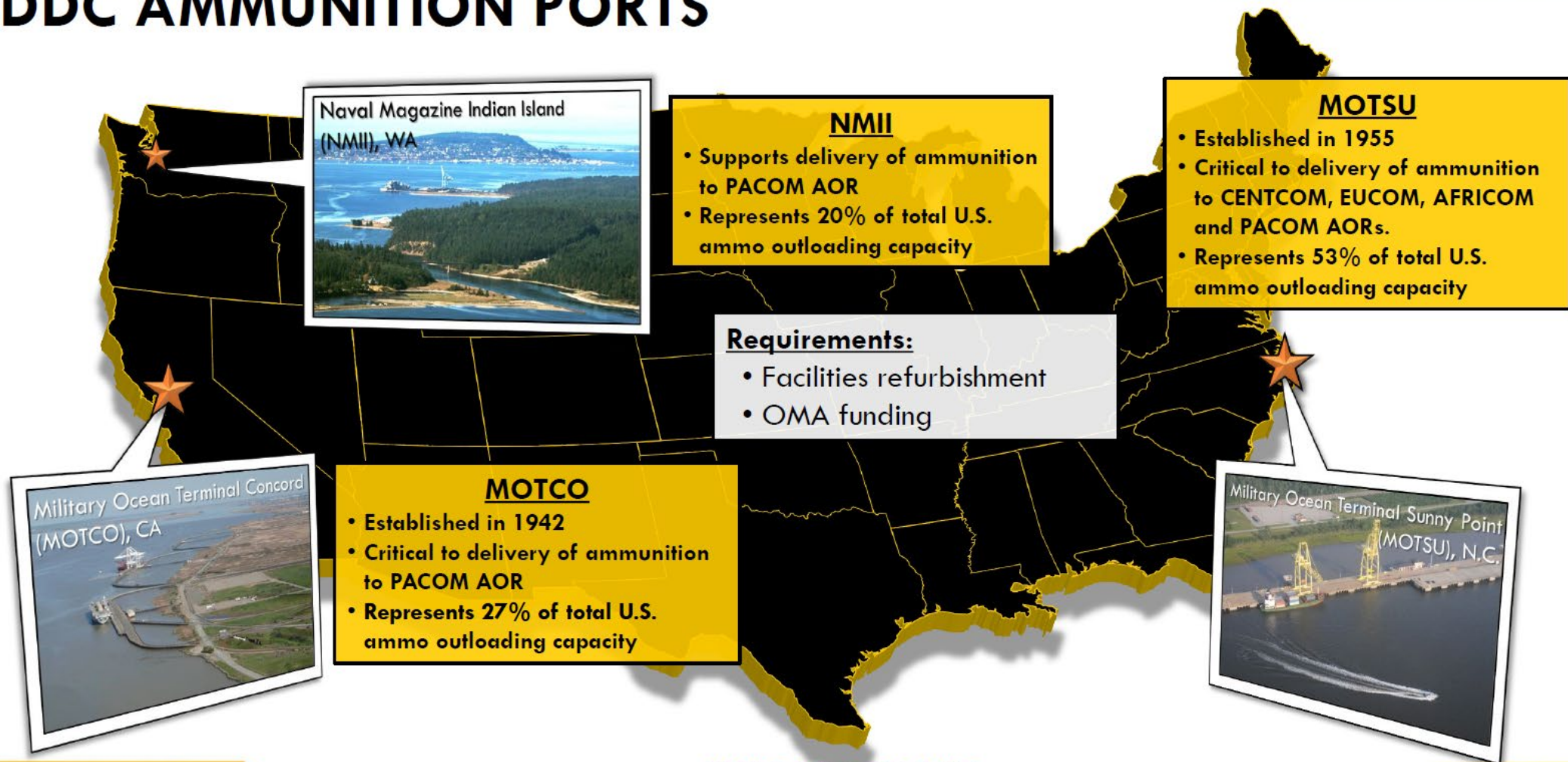


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SDDC AMMUNITION PORTS

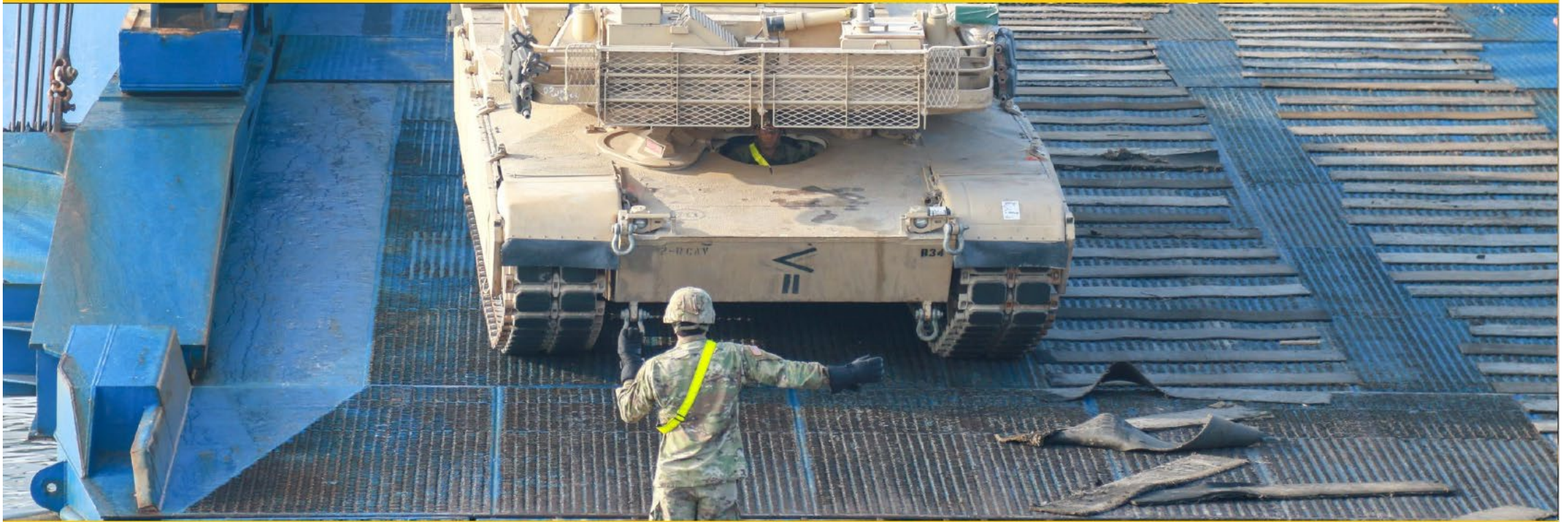


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OUR COMMITMENT



The Warfighter knows that SDDC will ensure the right equipment is delivered on time, on target, every time, to ensure mission success.

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Transportation Planning Board

Takeaways

- Know about STRAHNET
 - Include consideration in federally required planning documents for projects on the Interstate or other STRAHNET roads
 - Map programmed projects to STRAHNET
- Outreach to DOD partners to see if any inputs or needs
 - Be aware of military transportation requirements



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