





# Navy Uniforms Clothing & Textile Update

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Deputy Commander, Navy Uniforms
Navy Exchange Service Command



### Navy Exchange Service Command





#### Navy Exchange

\$2.4B annual sales
35.9M transactions
91 Complexes, 14 Countries
& 22 states
\$420M customer savings
Dividends to MWR

#### **Ships Store**

Supporting Sailors at Sea on 133 Navy ships \$69M annual sales \$11M to MWR

## **Uniform Program Management office**

Leading Uniform
Supply Management
\$123M Annual
Uniform sales
24/7 Call Center
Web Store

#### Telecommunications Program office

Providing unofficial Wi-Fi to more than 4,220 buildings across NEX, lodging, housing, MWR & medical facilities in 10 countries on 76 bases

## Navy Clothing Textile & Research Facility

Developing and sustaining uniforms and protective clothing Uniform R&D Testing & Certification Stats

#### NEXCOM Hospitality Group

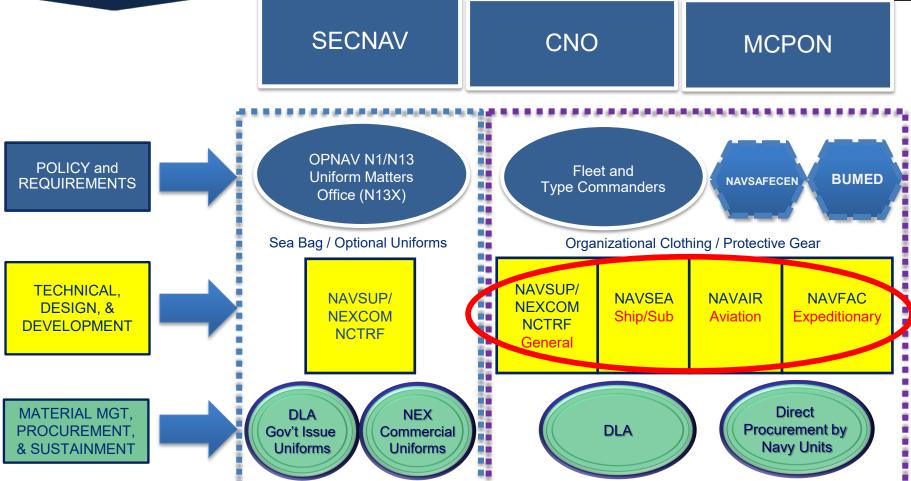
\$360M annual revenue 440 Buildings/19K rooms PCS/TDY travel

NEXCOM Enterprise—6 Business Lines with 13,000 Associates working around the globe!



## Navy Uniform and OCIE Organization



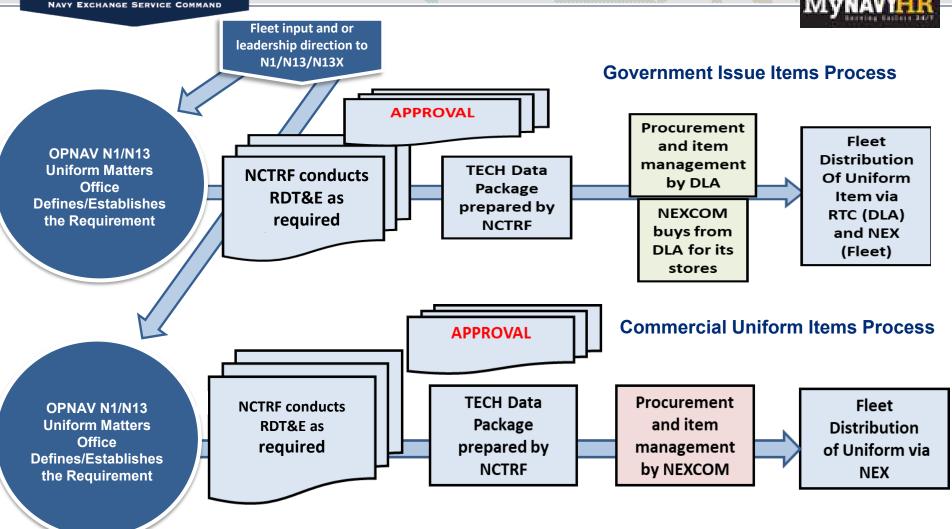


OCIE: Organizational Clothing/Individual Equipment



## Navy Uniform Introduction / Approval Process







3D Knitting (SBIR) **FDJ Wear Evaluation** 

## Navy Uniform Research & Development



Lifecycle of a Uniform



Alternatives to PFAS for Water and Stain Repellent Treatments for Navy Items



Implementing a Product Lifecycle **Management System** 



**3D Materials Library** 





**Maternity Pattern Growth** 

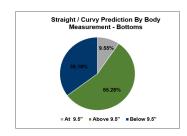


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**Development of Shipboard/Flight Deck FR CW Clothing Ensemble** 



Validating the Prediction of Size Blur with the New Sizing **System** 





## **Navy Uniform Initiatives**

#### **New Navy Insignias & Rating Badges**

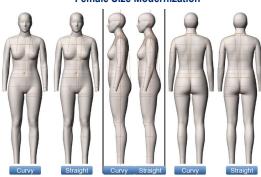








**Female Size Modernization** 



Navy Combat Uniform – FR NWU Replacement



Parka Liner Jacket



Upgrade to Weather Resistant Fabric, Pockets and Rank Tab

**Improved PTU** 

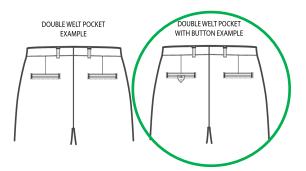


Upgrade: Color, Fabric, Gender Specific Sizing and Fit

Improved Foul Weather Jacket



#### Female Slacks w/Back Pockets



## White Overblouses – CNT and Service Dress







### **Maternity Pilot Program**



#### **Commenced in January 2022**

- Open to all Officer and Enlisted, Active Duty and Reserve, CONUS and OCONUS
- **→** Total participation since inception : 1,152
  - 46%/54% split Officers/Enlisted participation
- "Select A Maternity Seabag" initiative started July 15, 2023
  - Option #1 Full Maternity Seabag: 1 NWU, 1 NSU or Service Khaki, 1 SDW, 1 SDB and Cardigan Sweater
  - Option #2 Waterfront Option: 2 NWUs and choice of Service and Dress Uniform and Cardigan Sweater
  - Option #3 Ashore Staff Option "A": 1 NWU, 2 Service Uniforms, 1 Dress Uniform and Cardigan Sweater
  - Option #4 Ashore Staff Option "B": 1 or 2
     Dress Uniforms, 2 Service Uniforms and Cardigan Sweater

"Thank you, I think the program is fabulous and my office has included information on the pilot in many resources directed to pregnant service members and providers." - Anonymous

CDR Chou - "I want to express my sincere gratitude for the Maternity Pilot Program. It is not only beneficial to the service members but also beneficial to the Navy to reduce waste since the maternity uniforms are only used temporarily. It is wise to recycle and reissue these uniforms. I am very grateful for this program and the work you and your team are doing. Thank you for considering my feedback.

CTI1 Pascoe - "I am stationed on an Air Force base in the middle of Texas, rather far from the nearest NEX location. It is incredibly comforting and reassuring to have a professional like you helping me and making sure I get the right items."

HM2 Reveles - "Again, I am so grateful for this program. I promote it every chance I get - even in all the Navy Facebooks groups I'm in. If there's anything I can do to ensure its longevity, please feel free to reach out. I definitely intend on utilizing the program for the next pregnancy - given it's still ground!

"Loved this program!! Absolutely amazing! Thank you so much for your support! It was a huge help, especially as a first time mom navigating maternity uniforms." - Anonymous















## **US Navy Size Modernization** Program - Female Uniforms



#### Background:

- Current Female Navy uniform fit is not standardized; developed in 80's with hourglass fit ratio
- Navy partnered with industry consultant to:
  - Identify current USN female body types/statures
    - 2 types & 3 statures
  - Develop standardized pattern tools to facilitate pattern development for consistent fit and sizing

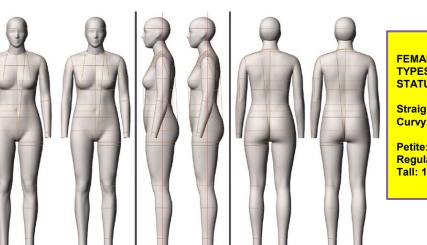
#### Objective:

- Identify today's sizing and body types
  - FY14-15 USN Anthropometric Correlation Study
- Increase ROIs for Sailor and NEXCOM with the development and utilization of Size Standardization tools

#### Accomplishments:

- Tools developed Navy fit forms, block patterns, and avatars
- Key styles created dress uniform items
- Fit Validated on regular stature
  - · Developed petite and tall statures
- Prototypes contracted for all fit types, sizes & statures

#### "Achieving Best Fit with Minimal Alterations"



**FEMALE BODY TYPES &** STATURES

Straight: 57.4% Curvy: 42.6%

Petite: 43% Regular: 43% Tall: 14%

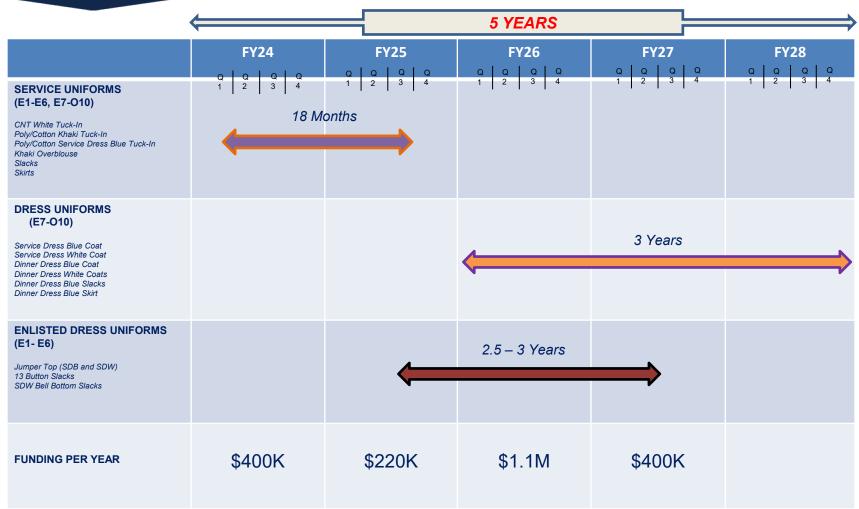
Next Steps:

- NCTRF is teaming with the industry consultants to conduct a wear test to:
  - Finalize the proposed improved sizes and fit
  - Validate the USN uniforms developed utilizing new pattern tools
- Implement new sizing and tools
- Continue synergy with joint services



## Female Size Modernization Project Plan







## US Navy Women are making an impact in 2023





Master Chief Information Systems Technician (Submarine) Angela Koogler First Female Chief of the Boat (COB)



Chief of Naval Operations Admiral Lisa Franchetti





Mortician Senior Chief Petty Officer Jessica Zugsda First Female Mortician Senior Chief

Lieutenant Commander
B J Ferrell
First Female Officer in Charge
USS CONSTITUTION



## **Navy Points of Contact**



#### **OPNAV (Uniform Policy and Requirements)**

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