



NAVAL SUPPLY SYSTEMS COMMAND
NAVY EXCHANGE SERVICE COMMAND



Navy Uniforms Clothing & Textile Update

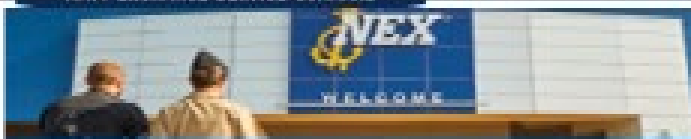
***CAPT(s) Terri Gabriel
Deputy Commander, Navy Uniforms
Navy Exchange Service Command***

15 November 2022



NAVAL SUPPLY SYSTEMS COMMAND
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Navy Uniform and OCIE Organization



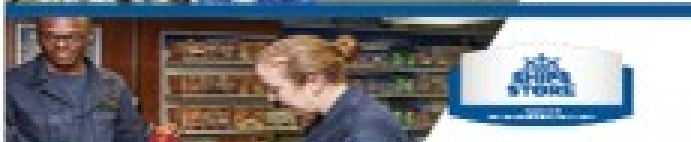
- \$2.2B annual sales
- 93 Complexes, 13 Countries & 22 states
- \$420M savings (customer)



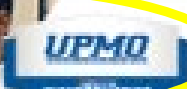
- \$290M annual revenue
- 402 Buildings worldwide/16K rooms
- Mission - Official TDY travel



- \$76M annual revenue
- 39 Lodges worldwide/3K rooms
- Mission - PCS travel



- \$66.5M annual sales
- \$9.6M to MWR
- 133 Navy ships



- Uniform Program Management Office
- \$151M Annual Uniform sales
- 24/7 Call Center, Web Store

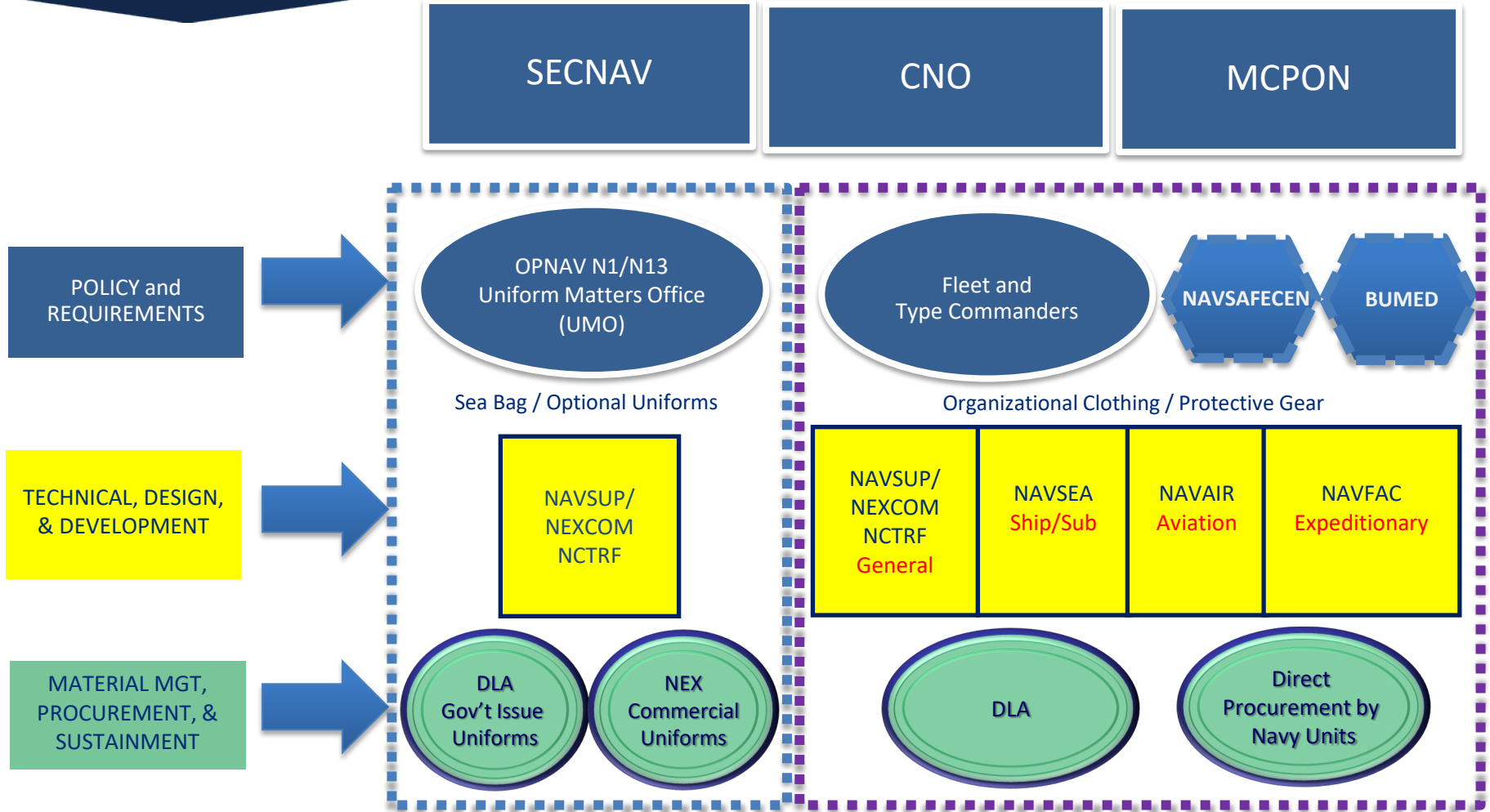


- Telecommunications Program Office
- Phone calling on ships; wireless products & svcs
- Wi-Fi - lodging, housing, MWR & Medical facilities



- Navy Clothing & Textile Research Facility
- Uniform R&D Facility
- Testing & Certification

Oversees 7 business lines with one common back office support structure



OCIE: Organizational Clothing/Individual Equipment

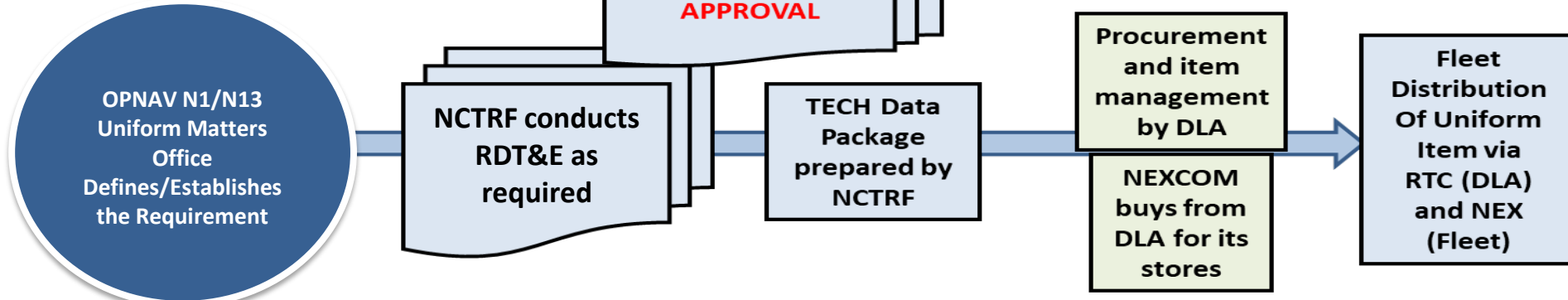


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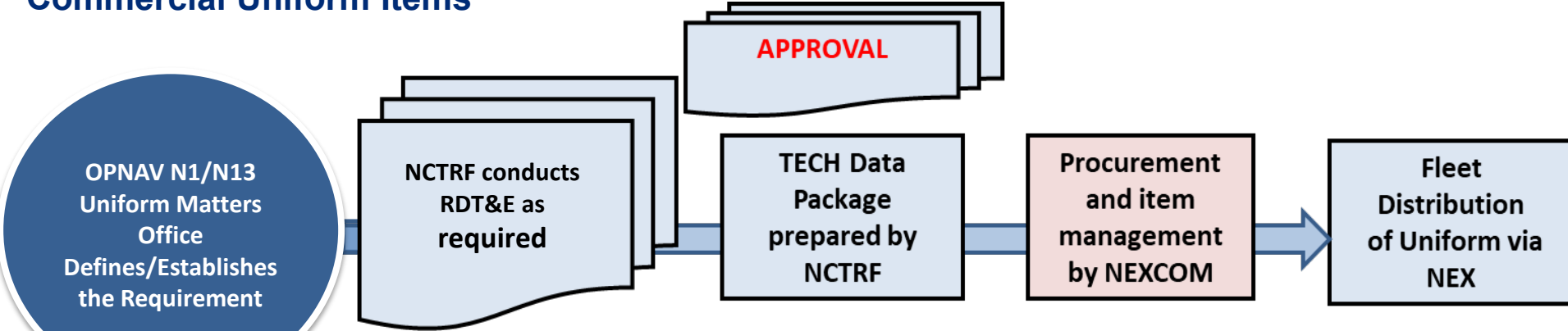
Navy Uniform Introduction / Approval Process



Government Issue Items



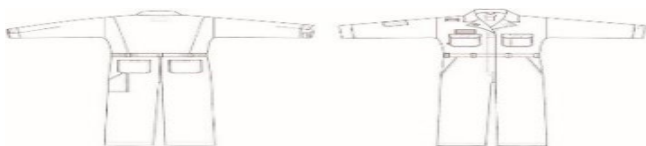
Commercial Uniform Items



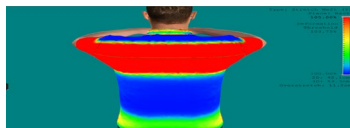
18-24 Months

FY21-22

User Evaluation of I2FRV *



Validate 3D Software



3D Knitting (SBIR)



Development of Shipboard/ Flight Deck FR CW Clothing System



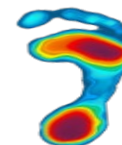
Athletic Footwear Evaluation



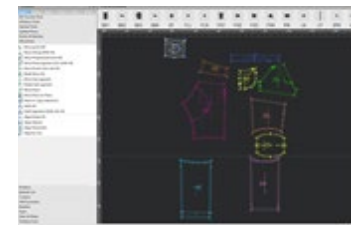
(* Fully funded w/FY22)

FY22-23

Quantifying Effects of Female Last-Validation study



Maternity Pattern Growth



Assessment of the Efficacy of Antimicrobial Treatments in preventing odor



2-POC
FR Variant- Fit
guide and
protos



Improved
Foul Weather Jacket

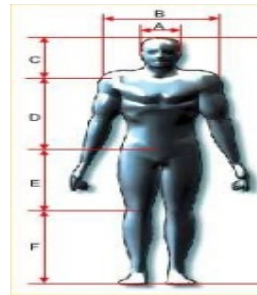


Parka Liner Jacket



Upgrade to weather
resistant fabric, add
pockets and rank tab

Female
Uniform Size
Standardization

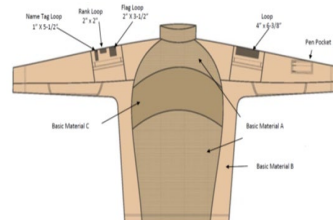


Improved
PTU

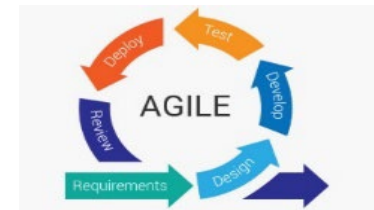


Seabag (TBD)

NWU FROG/EFRC
Replacement - FR



Joint Clothing &
Textile
Modernization
Initiative (JCTMI)



Black Safety Boot (I-
Boot 5)



COTS Flotation Device for
Maritime Armor System (MAS)



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

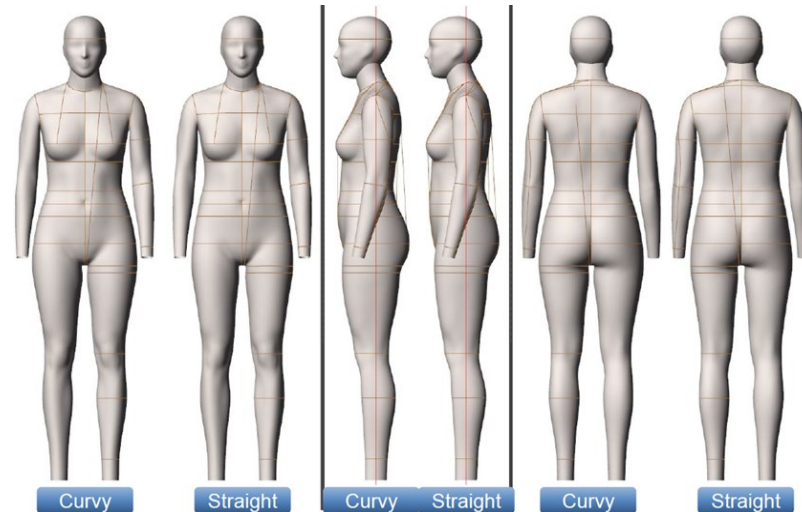
Objective:

- 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 will team up with the industry consultant to conduct a fit evaluation and wear test to:
 - Assess 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

■ Tracking

- Frequent updates to Navy's most senior leadership (Chief of Naval Operations, Vice Chief of Naval Operations, Navy Fleet Commanders, Chief of Naval Personnel...
- Weekly administrative review Navy Uniform Matters (UMO), Navy Exchange Service Command (NEXCOM), Defense Logistics Agency (DLA)
- Bi-weekly telecons/IPTs – UMO, NEXCOM, Fleet Commander reps, Recruit Training Command (RTC), Officer Candidate School (OCS), Navy Clothing and Textile Research Facility (NCTRF) until production increases

■ Findings

- Production of numerous Navy uniform items is not keeping pace with demand
- Required modification of uniform issue process at Recruit Training Command (RTC) and Officer Candidate School (OCS) until production increases
- RTC/OCS accessions departing without mandatory/required uniforms
- IOUs: Increased operating cost and man-hours to track down new sailors after graduation to provide uniform items not issued during basic training
- The Navy Fleet has suffered for over 2 years with depleted inventory of various uniforms and components. Uniform center shelves tell the story clearly. Fleet readiness is directly intertwined with C&T support
- Quality assurance deficiencies/defective components exacerbates the issue of improper outfitting, loss of instruction/training/education time, increased costs and insufficient production efforts



NAVAL SUPPLY SYSTEMS COMMAND
NAVY EXCHANGE SERVICE COMMAND

Navy High Visibility Uniform Item

Male Khaki Shirt



DLA					
16 Total Sizes					
	SOH	AMD	#MOS	DI Qty	BO Qty
	6,302	6,462	1.0	123,195	12,902
7 Core Sizes Account for 89% of Demand					
	SOH	AMD	#MOS	DI Qty	BO Qty
	5,634	5,733	1.0	102,975	11,421
Core Sizes					
Size	OH Qty	AMD	Mos OH	DI Qty	BO Qty
S (A)	1,241	1,086	1.1	29,498	2,682
S (C)	705	920	0.8	11,964	841
M (A)	1,500	1,504	1.0	27,653	3,178
M (C)	1,090	796	1.4	11,969	2,121
L (A)	729	748	1.0	11,926	927
L (C)	314	423	0.7	7,265	1,182
XL (C)	55	256	0.2	2,700	490

SERVICE UNIFORM MALE SHIRT
Remarks
* Manufacturer has fabric to meet DLA delivery orders through Oct
* Conversion contract awarded with deliveries to begin Jan/Feb next year
* RTC IOUs: 2,298 in 2 sizes
* Item has been red since Mar 2021

NEXCOM			
14 Total Sizes			
	SOH	WD	#WOS
	1,590	266	6.0
7 Core Sizes Account for 90% of Demand			
	SOH	WD	#WOS
	1,334	239	5.6
Core Sizes			
Size	SOH	WD	#WOS
S (C)	117	11.2	10.4
L (C)	473	46.1	10.3
XL (A)	365	31.6	11.5
M(A)	148	39.7	3.7
M (C)	35	22.0	1.6
L (A)	58	52.4	1.1
XL (C)	138	35.9	3.8

DLA Inventory Status



< 2 2-4 > 4
Months of Stock

NEX Inventory Status



< 8 8-16 > 16
Weeks of Stock



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Navy High Visibility Uniform Item

Fitness Suit Pants



DLA						FITNESS SUIT PANTS	NEXCOM			
25 Total Sizes						Remarks	22 Total Sizes			
	SOH	AMD	#MOS	DI Qty	BO Qty	* RTC IOUs 2,502 in 7 sizes * Item has been red since June 2022		SOH	WD	#WOS
	16,685	4,679	3.6	62,208	9,487			1,520	199.6	7.6
8 Core Sizes Account for 79% of Demand							8 Core Sizes Account for 81% of Demand			
	SOH	AMD	#MOS	DI Qty	BO Qty			SOH	WD	#WOS
	5,671	3,689	1.5	82,407	18,663			665	161.2	4.1
Core Sizes							Core Sizes			
Size	OH Qty	AMD	Mos OH	DI Qty	BO Qty		Size	SOH	WD	#WOS
S-S	554	595	0.9	14,185	2,590		S-S	70	21.1	3.3
S-R	445	624	0.7	12,096	3,488		S-R	28	13.0	2.2
M-S	907	600	1.5	16,227	3,034		M-S	14	33.1	0.4
M-R	1,335	714	1.9	15,617	5,058		M-R	14	20.2	0.7
L-S	64	261	0.2	6,672	780		L-S	126	23.8	5.3
L-R	861	446	1.9	9,936	2,867		L-R	8	28.5	0.3
S-XS	802	227	3.5	3,834	535		XL-R	405	16.1	25.2
XL-R	703	222	3.2	3,840	311		M-XS	0	5.5	0.0

DLA Inventory Status



< 2 2-4 > 4
Months of Stock

NEX Inventory Status



< 8 8-16 > 16
Weeks of Stock



Navy High Visibility Uniform Crisis



- What do we need from you?

HELP!!



Navy Points of Contact



OPNAV (Uniform Policy and Requirements)

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NAVSUP/NEXCOM/NCTRF

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