

Draft v1



# NAVSUP Weapon Systems Support



## NAVSUP WSS Industry Day



CDR John Bredenkamp,  
LCDR Christian Booth



15 December 2016

Informational

Ready. Resourceful. Responsive!



## MECHANICSBURG, PA

- SHIPS & SUBS
- NUCLEAR

Price Fighters  
Transportation & Distribution

## OUR CUSTOMERS



## PHILADELPHIA, PA

- AVIATION
- INTERNATIONAL



**One Command ... Three Locations**

## Ensuring Warfighters Have the Right Material at the Right Place, Time And Price

### Supply & Program Support



- Parts, Components and Assembly Spare Parts for:
  - Surface
  - Submarine
  - Aviation
  - Strategic Systems



- Functions:
  - Requirements Determination
  - Retrograde Management
  - Allowance Development
  - Procurement
  - Customer Service
  - Life Cycle Management



### Logistics & Program Support



- Hardware Systems Command Program Support
- Performance Based Logistics Contracts
- Delivering Best Cost Logistics

### Stock Positioning & Maintenance



- \$23B Inventory Investment
- \$5B Annual Sales
- 400,000 Repairable Items
- Navy, Contractor and Other Services' Depots

**Warfighter-Focused Weapon Systems Support**

(ANNUAL VALUES)	NAVSUP WSS	Maritime / Mech	Aviation / Phil
Employees:	2,370	1,134	*1,236
Sales:	**\$5.5B	\$1.2B	\$4.3B
Line Items Managed:	375,020	278,555	96,465
Customer Orders:	566,226	246,674	319,552
Contract Actions:	42,118	28,807	13,311
Repair Actions:	165,765	45,212	119,553

**\*146 in Norfolk**

**\*\*Additional .8B in BP28**



Fiber Channel  
Network Switch



EA-6 Tactical Jamming  
System Pod



F/A-18 FLIR  
Optics Stabilizer

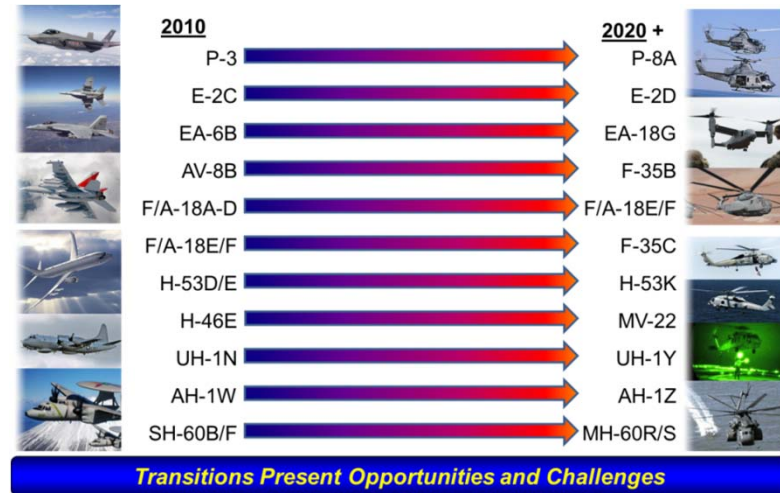







LM-2500  
Propulsion System



Close In  
Weapons System

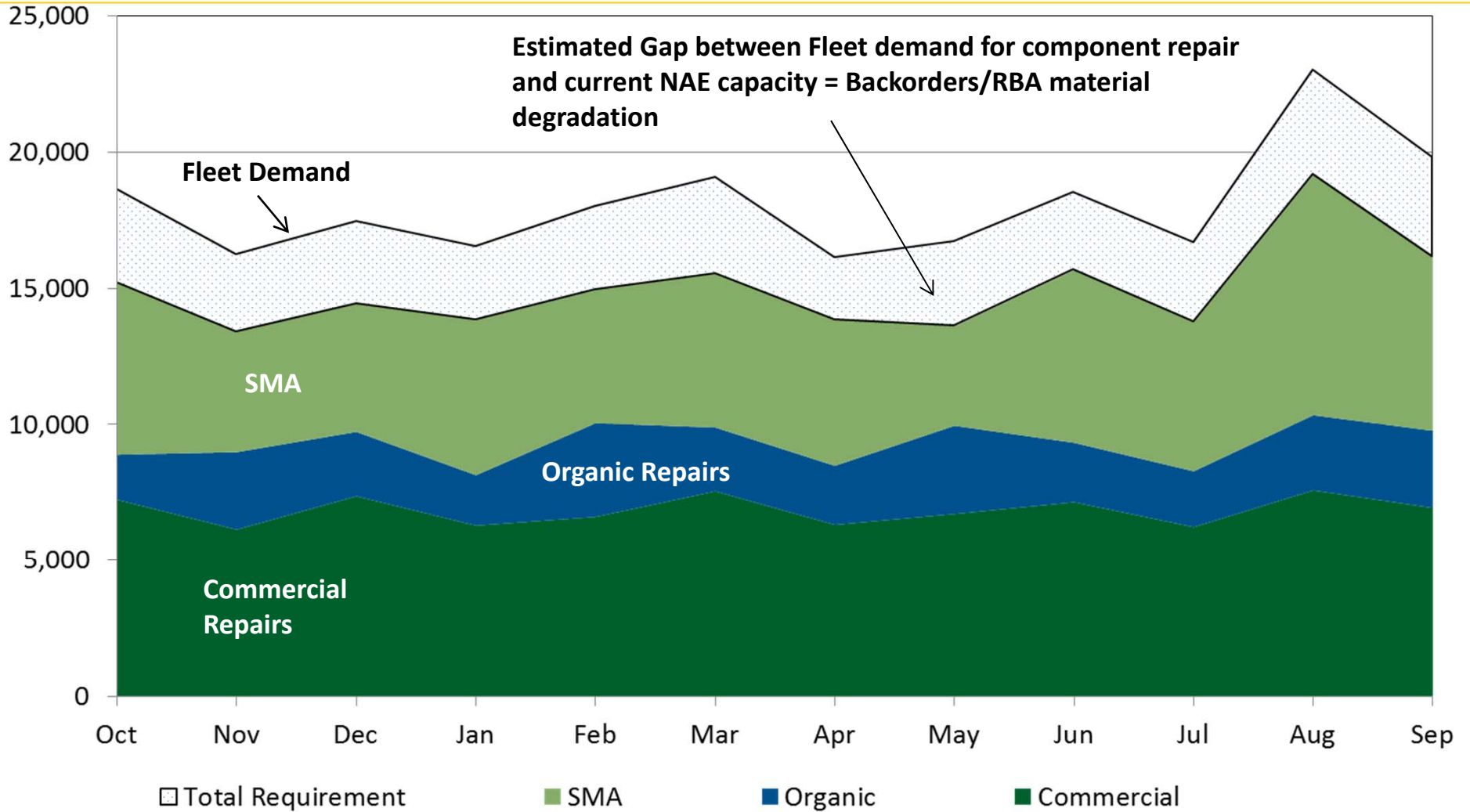
- **Recapitalization / Resetting the Force Structure in stride**
- **Continue to Operate Forward - 95 Ships Underway Today ... 115 by 2020**
- **Supporting the Optimized Fleet Response Plan (OFRP) and Disaggregated Operations**



-  • Littoral Combat Ship (LCS) ... 32 total ... transition to Small Surface Combatants in FY19
-  • VA-class Subs ... two per year ... total 22 by 2020
-  • Sustain 14 ship nuclear ballistic missile sub force (SSBN) ... Ohio replacement SSBN delivery in 2028
-  • Restore Carrier Fleet to 11 ... USS GERALD R FORD (CVN 78) in 2016 ... first in new class of carrier
-  • Ten additional ARLEIGH BURKE-class DDGs ... two per year ... 72 total by 2020

**Maintain Our Naval Forces, Sustain Forward, Win Decisively, Focus On Readiness & Naval Integration, Sustain Industrial Base**

# GAP BTWN Fleet Demand & Organic + Commercial Capacity



***Demand exceeds capacity... How do we close the gap?***

## Industry Skillsets Sought – Enabling Threads

1. Reverse Engineering
2. Development/ Prototyping
3. First Article Testing
4. Spares Manufacturing/ Full Production
5. Repair Source
6. Innovative Sourcing
7. Innovative Solutions/Additive Manufacturing
8. IT & Data Analytics



## ➤ Challenges:

- Increasing Backorders
- Obsolescence issues
- DMSMS
- No bid contracts
- Lack of synergy between WSS and Industry
- Poor reliability
- Long lead time with existing OEM (>300 days)
- Data rights

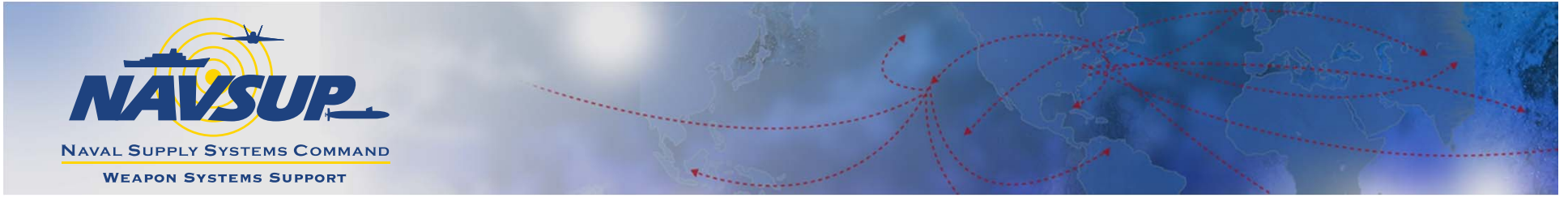
## ➤ Way Forward:

- Provide real time data to industry – what parts are needed and how many
- Expand industry base
- Reduce difficulty of navigating the approval process – education and assistance
- Additive Manufacturing Solutions
- Obsolescence Optimizer Growth

***BLUF: Incentivize industry partners to invest in providing responsive logistics solutions***

**How can Industry Provide Supply Solutions Today?**





# *Questions?*