Executive Summary

• Ships delivering with progressive schedule, quality improvements, and within budget
  – Nine ships delivered, eight under construction
    • When Block IV contract is signed the Navy will have taken delivery of 10 ships, will have eight under construction, and 9 or 10 ships under contract – 27 or 28 VA Class submarines
  – Final Block II ship – MINNESOTA (SSN 783) - projected to deliver early in May 2013 – significantly early to contract delivery date (April 2014)
  – Five Ships – USS VIRGINIA (SSN 774), USS TEXAS (SSN 775), USS HAWAII (SSN 776) USS NORTH CAROLINA (SSN 777), and USS NEW HAMPSHIRE (SSN 778) have completed full length deployments

• Block IV RFP
  – Proposals received 12 Dec 2012
  – Contract on schedule for award in early FY2014
  – Minimal design changes for Reduction of Total Ownership Cost: increasing deployments and reducing availabilities
  – Congress supported Multi-year Procurement (MYP)

• FY13 Appropriations Act
  – Funds the AP for the 14-2 ship, enabling two submarines in FY14
  – Provides specific language directing the Navy to pursue a 10-ship Block IV contract (FY14 – FY18)
  – Includes Multi-Year Procurement Language
  – Includes $10M to begin VPM detailed design to support construction start in FY19

• Sequestration impacts dependent on magnitude of cuts

• 2013 Events
  – March 16 – John Warner (SSN 785) Keel Laying
  – May – Minnesota Sea Trials and Delivery, followed by Commissioning in September
  – September – Delaware (SSN 791) Construction Start, North Dakota (SSN 784) Float off and Christening
Progressive Schedule Reduction Objectives

**USS HAWAII**
- SSN776
- 86 Months
- 20 Month Span from last module arrival to Delivery
- On-Schedule Delivery
- 62% of MIP installed during new construction
- PHC 9/2/05
- Delivery 12/22/06
- 0.25 Month Early Delivery

**USS NORTH CAROLINA**
- SSN777
- 82 Months
- 18 Month Span from last module arrival to Delivery
- Near On-Schedule Delivery
- 52% of MIP installed during new construction
- PHC 8/31/06
- Delivery 2/22/08

**USS NEW HAMPSHIRE**
- SSN778
- 71 Months
- 15 Month Span from last module arrival to Delivery
- First full ship MIP during new construction at Electric Boat
- PHC 7/20/07
- Delivery 8/27/08
- 8 Months Early Delivery

**USS NEW MEXICO**
- SSN779
- 70 Months
- 19 Month Span from last module arrival to Delivery
- First full ship MIP during new construction at NGSB
- PHC 3/28/08
- Delivery 4/11/09
- 4 Months Early Delivery

**USS MISSOURI**
- SSN780
- 65 Months
- 18 Month Span from last module arrival to Delivery
- PHC 1/11/09
- Delivery 4/11/10
- 9 Months Early Delivery

**USS CALIFORNIA**
- SSN781
- 65 Months
- 18 Month Span from last module arrival to Delivery
- PHC 4/10
- Delivery 8/7/11
- 8.5 Months Early Delivery

**USS MISSISSIPPI**
- SSN782
- 63 Months
- 18 Month Span from last module arrival to Delivery
- PHC 4/11
- Delivery 5/2/12
- 11.5 Months Early Delivery

As of Oct 2012
"It should not be missed that with this one year early, under cost, delivery came the most complete, combat-ready Virginia-class submarine yet delivered. Mississippi received the highest marks to date from the Navy's independent assessor - the Board of Inspection and Survey. This program continues to set the standard for DoD acquisition."

RADM David Johnson at Mississippi (SSN 782) delivery, May 2012
VIRGINIA Class Time to Fleet Response Training Plan (FRTP)

On Track to Achieve 12 Months From Delivery to FRTP
Less Than 6 Years from Construction Start to Fleet Ready Asset
Block V: VIRGINIA Payload Module (VPM)

Undersea Strike Payload vs. Time

<table>
<thead>
<tr>
<th>Year</th>
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<th>SSN</th>
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<tr>
<td>2045</td>
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**VIRGINIA Payload Module**
- Four large tubes in a new hull section
- Uses Multiple All-up Round Canisters (MACs) already employed in SSGN & VIRGINIA Block III Payload Tubes
- Proven VIRGINIA Class construction processes
- Preserves Special Operations Force (SOF) Capacity lost with SSGN retirement

Provides Three Times the Firepower, Three Times the Payload Volume Per Attack Submarine
Questions?