HOUSE ARMED SERVICES COMMITTEE

19 AUGUST 2013

BRIEF

Who we are...what we do

Inputs

PEOPLE

UNITS

BASES AND INFRASTRUCTURE

Outputs

FORWARD PRESENCE

DETERRENCE

POWER PROJECTION

UNDERSEA DOMINANCE

Commander, Submarine Group 9

RDML Dietrich Kuhlmann

August 19, 2013

Team PACNORWEST: Delivering Ready Forces

NAVAL AIR STATION WHIDBEY ISLAND
EA-6B/EA-18G Squadrons (Electronic Warfare)
P-3/P-8 Squadrons (Maritime Patrol)
Integrated Undersea Surveillance System

NAVAL MAGAZINE INDIAN ISLAND
Ammunition storage and logistics

NAVAL BASE KITSAP-BANGOR
8 SSBNs, 2 SSGNs, 1 SSN
Strategic Weapons Facility Pacific
Trident Training Facility

NAVAL BASE KITSAP-KEYPORT
Naval Undersea Warfare Center

SOUTHEAST ALASKA MEASUREMENT FACILITY
(Ketchikan, Alaska)
Passive acoustic signature measurement

JIM CREEK RADIO STATION
Communications

NAVSTA EVERETT
USS NIMITZ (CVN 68), 2 destroyers, 3 frigates

NAVAL BASE KITSAP
USS JOHN C. STENNIS (CVN 74), 2 SSNs
PUGET SOUND NAVAL SHIPYARD / IMF

MANCHESTER FUEL DEPARTMENT
DLA fuel storage facility

3 Multimission Submarines

OHIO Class SSBN: Strategic Deterrence

Tonnage: 18,750 submerged
Speed: >25 knots Depth: >800 feet

- Reliable sea-based deterrent platform
- More than 1,000 patrols with TRIDENT since USS OHIO commissioned in 1981
- 8 of 14 stationed in Pacific Northwest

OHIO Class SSGN: Strike, Special Warfare and ISR

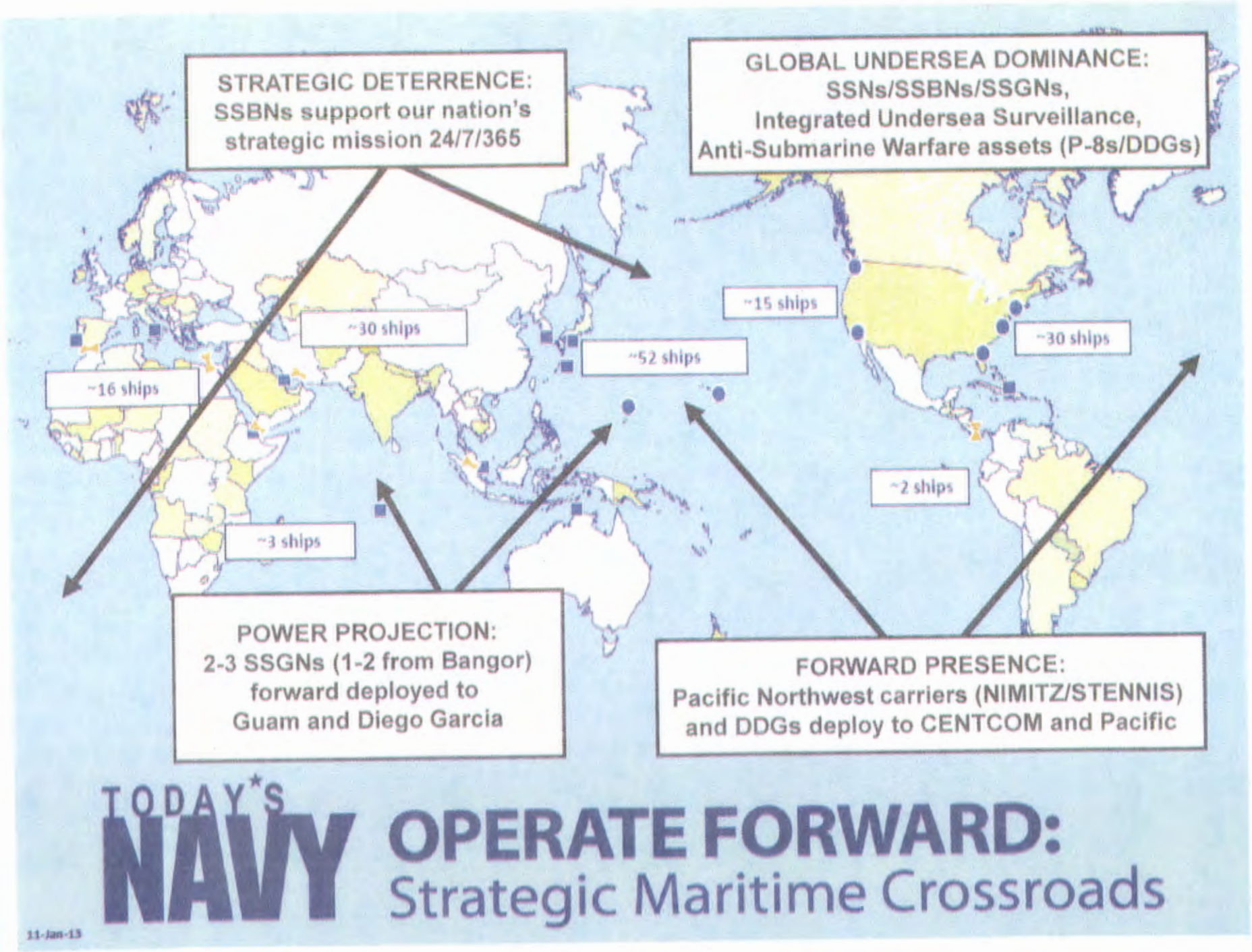
Tonnage: 18,750 submerged
Speed: >25 knots Depth: >800 feet

- 4 converted from OHIO-Class SSBNs
- Can carry up to 154 Tomahawks
- Special Operations capable
- 2 stationed in Pacific Northwest

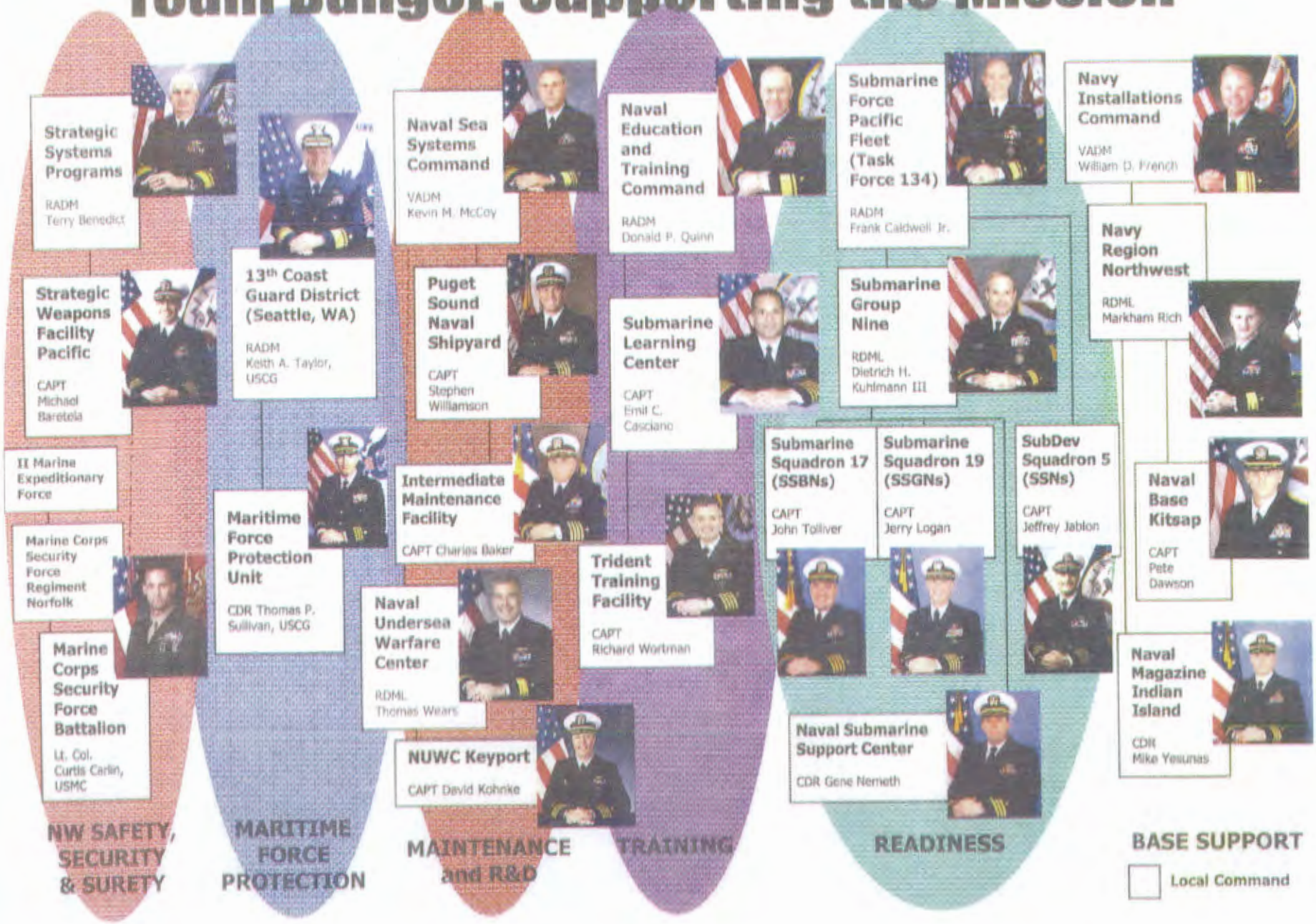
SEAWOLF Class SSN: Hunter-Killer and ISR

Tonnage: 9,100 submerged
Speed: >25 knots Depth: >800 feet

- Faster, quieter than Los Angeles class
- 8 tubes for torpedoes, mines, TLAMs
- Under-ice capable
- All 3 stationed in Pacific Northwest


STRATEGIC DETERRENCE:
SSBNs support our nation's strategic mission 24/7/365
GLOBAL UNDERSEA DOMINANCE:
SSNs/SSBNs/SSGNs,
Integrated Undersea Surveillance,
Anti-Submarine Warfare assets (P-8s/DDGs)
~30 ships
~16 ships
~52 ships
~15 ships
~30 ships
~2 ships
~3 ships
POWER PROJECTION:
2-3 SSGNs (1-2 from Bangor) forward deployed to Guam and Diego Garcia
FORWARD PRESENCE:
Pacific Northwest carriers (NIMITZ/STENNIS) and DDGs deploy to CENTCOM and Pacific
TODAY'S NAVY
OPERATE FORWARD:
Strategic Maritime Crossroads
11-Jan-13

Team Bangor: Supporting the Mission

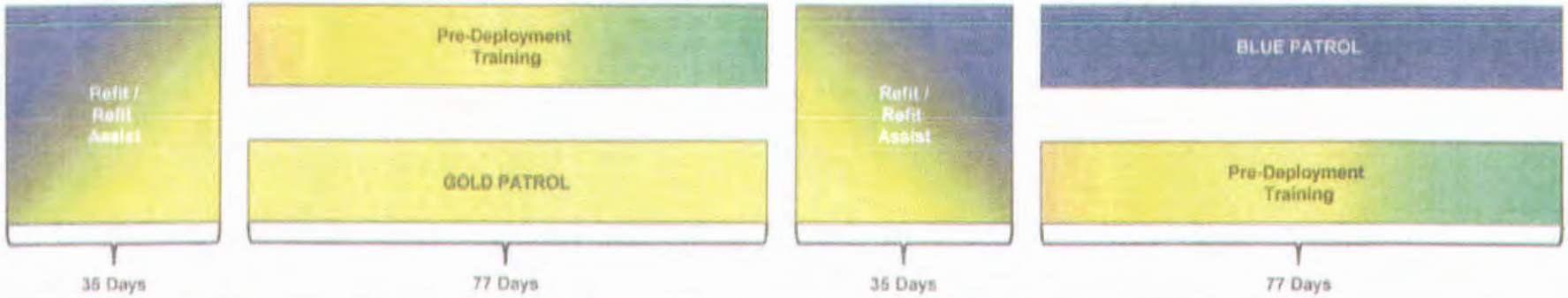


OHIO Class SSBN: Deterrence

Credible Deterrence From The Sea

- Over 50% of strategic warheads
- 100% of survivable warheads
- Over 3,900 SSBN patrols since 1960
- 8 (Pacific) / 6 (Atlantic) homeport split
- Average age of OHIO SSBNs: 22.57 years

Optimal SSBN Refit / Patrol Cycle



... Patrol Cycle With Equipment Failure / Disruption

1 MAJOR EMERGENT REPAIR PER YEAR

- At sea readiness down from 64.6% to 59.1%
- Growing deferred maintenance; 7 Voyage Repair Periods vice Refit periods in past 12 months

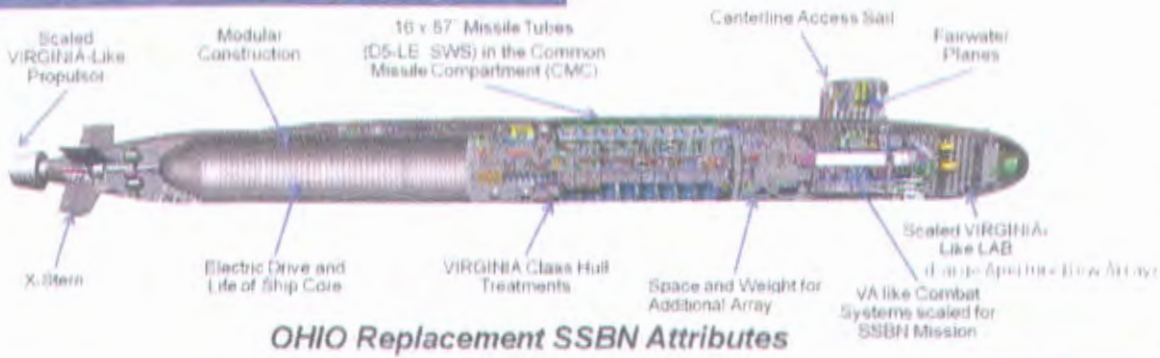
ADDITIONAL COST

- Lost maintenance on 2 to 3 SSBNs to cover required at sea presence
- Schedule changes to all local SSBNs resulting in suboptimal training periods

Material Readiness Degrades Personnel Readiness Degrades

OHIO Replacement SSBN

21st Century Capability...



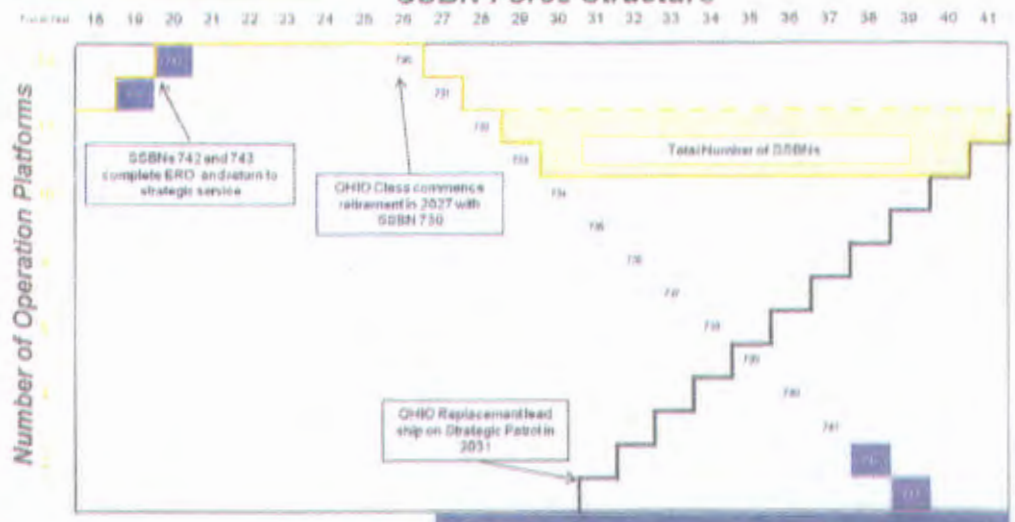
OHIO Replacement SSBN Attributes

- **Sufficient payload:16 missile tubes (D5)**
  - Meets USSTRATCOM requirements
  - Flexibility to handle problems across triad or degradation in strategic environment
- **Sufficient stealth to address the projected threat through the 2080s**
- **12 OHIO Replacement SSBNs to replace 14 OHIOs**
  - Life of ship reactor core
  - Reduced mid-life maintenance period
- **Maximize reuse of OHIO and VIRGINIA components to minimize cost**

In an Affordable Package...

- **Lead ship construction must commence in 2021**
  - First Strategic Patrol in 2031
  - Maintains fleet of 10 operational SSBNs through transition to OHIO Replacement
- **Procurement timeline meets USSTRATCOM requirements with moderate operational risk during transition period – no additional room for delay**
  - Low margin for unforeseen SSBN maintenance issues or late OHIO Replacement delivery
- **12 OHIO Replacement SSBNs needed to meet long term requirements during OHIO Replacement mid-life overhaul period**

SSBN Force Structure

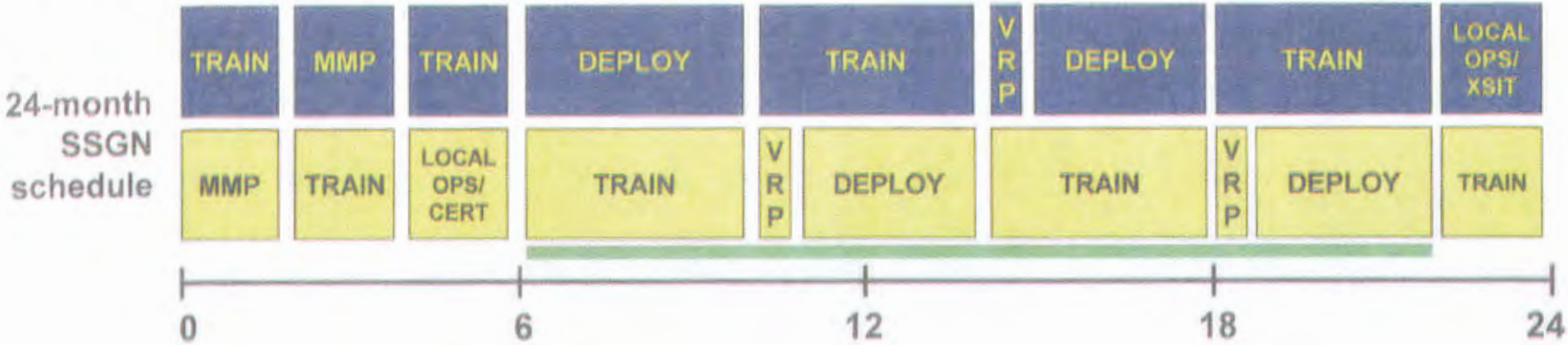


At Responsible Cost...

OHIO Class SSGN: Strike and SOF

Two homeports with forward deployment bases

- **Naval Base Kitsap-Bangor, Wash.**
  - Forward deployed to Guam
- **Naval Submarine Base Kings Bay, Ga.**
  - Forward deployed to Diego Garcia
- **Capabilities**
  - **Strike:** 105-154 Tomahawk missiles
  - **Special Operations:**
    - 2 dry deck shelters
    - Unlimited SOF readiness
- **Average age of OHIO SSGNs:** 30.5 years



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SSNs: Undersea Dominance

SEAWOLF Class (SSN 21)

- Hunter-killer submarine
- Faster, quieter than Los Angeles class
- 8 torpedo tubes - torpedoes, mines, Tomahawks
- Under-ice capable
- All 3 stationed in Pacific Northwest

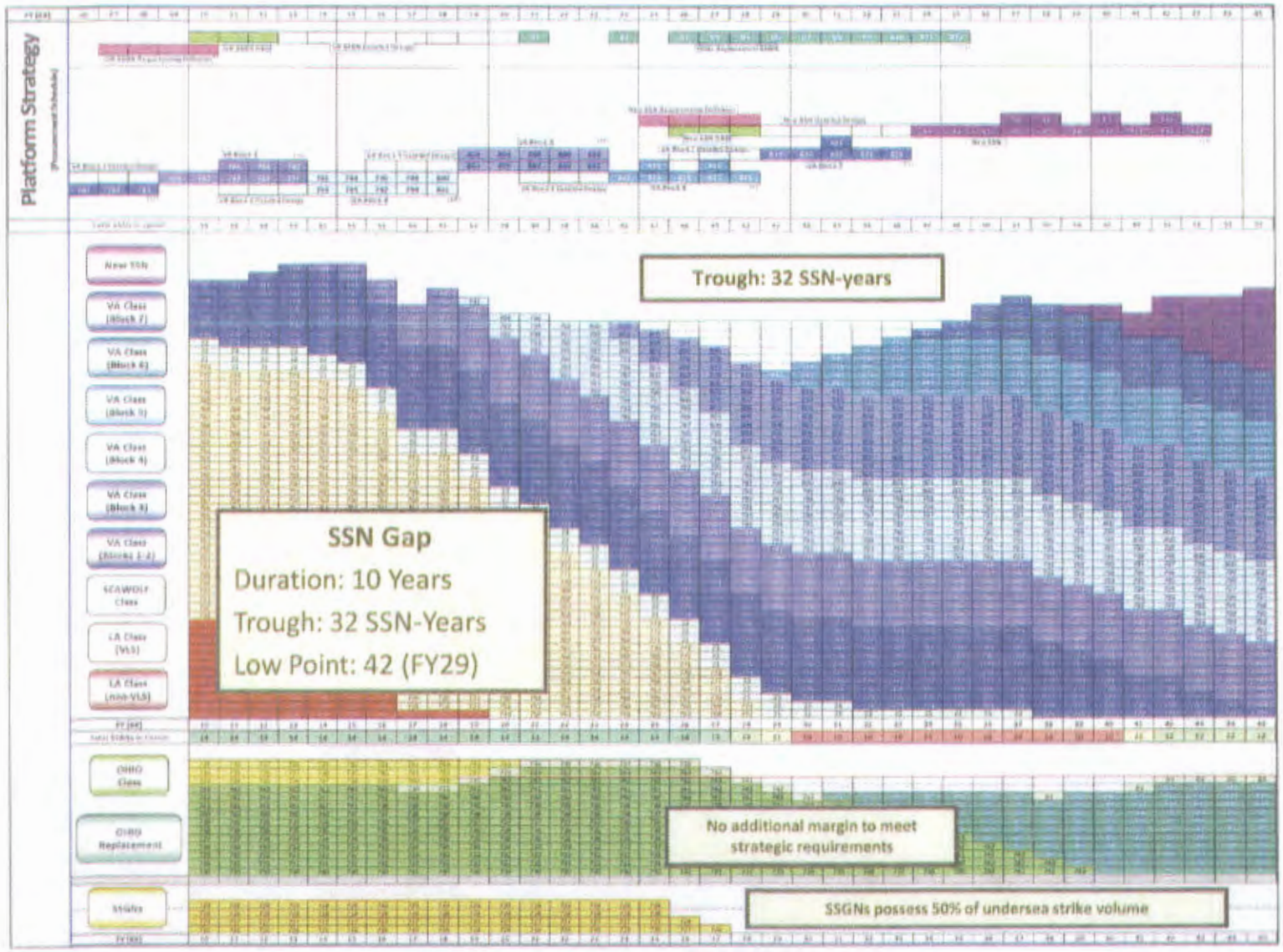
LOS ANGELES Class (SSN 688)

- 31 ships equipped with 12 vertical tubes for extra Tomahawk payload
- Can launch torpedoes, mines & Tomahawk missiles
- SSN 751 and later are under-ice capable

VIRGINIA Class (SSN 774)

- First U.S. attack submarine class designed for post-Cold War operations
- 9 VIRGINIA-class boats in service as of April 1, 2013

Submarine Force Structure



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Missile Technician 2nd Class (SS) [redacted] USS HENRY M. JACKSON

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Questions?