

COLUMBIA CLASS SSBN

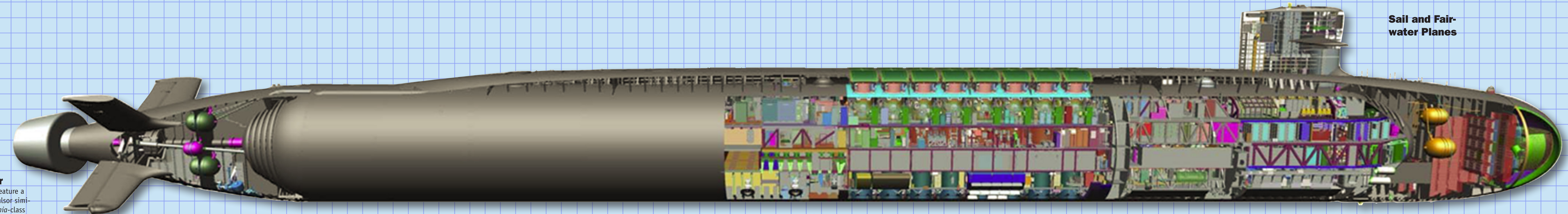
The Mission of the *Columbia*-class submarines is to serve as a sea-based strategic deterrence replacing the *Ohio*-class SSBN, and rehosting the TRIDENT II D5(LE) missile system, providing the most survivable leg of the nation's nuclear triad.

KEY INFORMATION

- *Columbia* (SSBN) is the Navy's #1 acquisition priority.
- The current *Ohio*-class SSBN force is reaching the end of its operational life and must be replaced to meet the continuing mission requirements of USSTRATCOM.
- *Columbia* is being designed to have a longer service life, better operational availability, and better survivability than their predecessors — 21st century capability at a responsible cost.

STATISTICS

- Length:** 560 feet
- Diameter:** 43 feet
- Service Life:** ~42 years
- Number of Missile Tubes:** 16
- Weapon System:** TRIDENT II D5 (LE)
- Submerged Displacement:** 20,709 long tons
- Lead Design Shipbuilder:** General Dynamics - Electric Boat



Propulsor

Columbia will feature a water-jet propulsor similar to the *Virginia*-class boats.

X Planes Stern

The alignment of the planes allows for greater speed at depth with a higher degree of safety.

Electric Drive

The new design will have the boat's nuclear power source run electric motors that will propel the ship.

Missile Tubes

Columbia will feature 16 87-inch missile tubes to field the legacy Trident II D5 ballistic missile.

Sail and Fair-water Planes

LAB Sonar

Columbia will use a scaled up version of the Large Aperture Bow SONAR array.



PACIFIC SUBMARINE FORCE ORGANIZATION

SUBDEVRON 5

Capt. Stephen Mack

Seawolf (SSN 21)*
Jimmy Carter (SSN 23)

Puget Sound Naval Shipyard
Connecticut (SSN 22)

SUBRON 19

Capt. Michael Lewis

Ohio (SSGN 726) (B)
Ohio (SSGN 726) (G)
Michigan (SSGN 727) (B)
Michigan (SSGN 727) (G)
Maine (SSBN 741)

SUBRON 11

Capt. Christopher Cavanaugh

Pasadena (SSN 752)
Scranton (SSN 756)
Alexandria (SSN 757)
Hampton (SSN 767)

SUBRON 1

Capt. Richard Seif

Bremerton (SSN 698)
Jacksonville (SSN 699)
Charlotte (SSN 766)
Greeneville (SSN 772)
Texas (SSN 775)
North Carolina (SSN 777)
Missouri (SSN 780)
Mississippi (SSN 782)
Illinois (SSN 786)
Pearl Harbor Naval Shipyard
Hawaii (SSN 776)

Manama, Bahrain

SUBRON 21

Capt. Enrique Panlilio

Key West (SSN 722)
Oklahoma City (SSN 723)
Topeka (SSN 754)
Asheville (SSN 758)
Emory S. Land (AS 39)
Frank Cable (AS 40)

SUBRON 17

Capt. Nicholas Tilbrook

Henry M. Jackson (SSBN 730) (B)
Henry M. Jackson (SSBN 730) (G)
Alabama (SSBN 731) (B)
Alabama (SSBN 731) (G)
Nevada (SSBN 733) (B)
Nevada (SSBN 733) (G)
Pennsylvania (SSBN 735) (B)
Pennsylvania (SSBN 735) (G)
Kentucky (SSBN 737) (B)
Kentucky (SSBN 737) (G)
Nebraska (SSBN 739) (B)
Nebraska (SSBN 739) (G)
Louisiana (SSBN 743) (B)
Louisiana (SSBN 743) (G)

ARCO (ARDM 5)

Undersea Rescue Command

SUBRON 7

Capt. Robert A. Roncska

City of Corpus Christi (SSN 705)
Houston (SSN 713)
Chicago (SSN 721)
Louisville (SSN 724)
Jefferson City (SSN 759)
Columbus (SSN 762)
Portsmouth Naval Shipyard
Santa Fe (SSN 763)
Tucson (SSN 770)
Columbia (SSN 771)
Cheyenne (SSN 773)
Pearl Harbor Naval Shipyard
Olympia (SSN 717)

SUBRON 15

Capt. David G. Schappert

Cmdr. J. Grady Hill
Cmdr. Thomas O'Donnell
Cmdr. Steven Tarr III
Cmdr. Jeremy Pelstring
Capt. Douglas A. Bradley
Capt. Andrew St. John

Bangor, Wash.

Cmdr. John Frye
Cmdr. Kevin Macy
Cmdr. Jeff Yackeren
Cmdr. Matthew Chapman
Cmdr. Ryan Heilman
Cmdr. Gene Severtson
Cmdr. Hans Fosser
Cmdr. Andrew Clark
Cmdr. Kenneth Roman
Cmdr. James Hurt
Cmdr. Jason Geddes
Cmdr. Jake Wadsley
Cmdr. Chimi Zacot
Cmdr. Martin E. Sprague

San Diego, Calif.

Lt. Cmdr. Zachary Harry
Cmdr. Mark Hazenberg

Pearl Harbor, Hawaii

Cmdr. James Thorp
Cmdr. Andrew Ring
Cmdr. Brian E. Turney
Cmdr. Robert Rose
Cmdr. Kevin Moller
Cmdr. Peter French
Cmdr. Jacob Foret
Cmdr. Chad Hardt
Cmdr. David Edgerton
Cmdr. John T. Gonser
Cmdr. Ben Self

Santa Rita, Guam

Cmdr. J. Grady Hill
Cmdr. Thomas O'Donnell
Cmdr. Steven Tarr III
Cmdr. Jeremy Pelstring
Capt. Douglas A. Bradley
Capt. Andrew St. John



UNITED STATES SUBMARINE FORCE ORGANIZATION

STRATCOM

Gen. John E. Hyten
Omaha, Neb.

COMSUBGRU-9

Rear Adm. Blake Converse
Bangor, Wash.

COMSUBGRU-7

Rear Adm. Richard A. Correll
Yokosuka, Japan

COMSUBPAC

Rear Adm. Daryl L. Caudle
Pearl Harbor, Hawaii

COMSUBFOR

Vice Adm. Joseph Tofalo
Norfolk, Va.

COMSUBGRU-10

Rear Adm. Michael P. Holland
Kings Bay, Ga.

UNDERSEA WARFIGHTING DEVELOPMENT CENTER

Rear Adm. James Pitts
Groton, Conn.

DIRECTOR, NAVAL REACTORS

Adm. James F. Caldwell
Washington, D.C.

DIRECTOR, UNDERSEA WARFARE DIVISION

Rear Adm. John Tammen
Washington, D.C.

COMSUBGRU-8

Rear Adm. Thomas Ishee
Naples, Italy

COMSUBGRU-10

Rear Adm. Michael P. Holland
Kings Bay, Ga.

Groton, Conn.

SUBRON 4

Capt. Brian Sittlow

Montpelier (SSN 765)
Virginia (SSN 774)
California (SSN 781)
Minnesota (SSN 783)
North Dakota (SSN 784)
Illinois (SSN 786)
PCU Colorado (SSN 788)
PCU South Dakota (SSN 790)

Naples, Italy

CTF 69

Capt. Roger Myer

Norfolk, Va.

SUBRON 6

Capt. Jasper C. Hartsfield

La Jolla (SSN 701)
San Francisco (SSN 711)
Helena (SSN 725)
Newport News (SSN 750)
Albany (SSN 753)
Boise (SSN 764)
Montpelier (SSN 765)
John Warner (SSN 785)
Washington (SSN 787)
PCU Indiana (SSN 789)
PCU Delaware (SSN 791)

Kings Bay, Ga.

SUBRON 16

Capt. Eric Nash

Florida (SSGN 728) (B)
Florida (SSGN 728) (G)
Georgia (SSGN 729) (B)
Georgia (SSGN 729) (G)

Norfolk Naval Shipyard

Rhode Island (SSBN 740)



ATLANTIC SUBMARINE FORCE ORGANIZATION

SUBRON 12

Capt. Oliver T. Lewis

Dallas (SSN 700)
Providence (SSN 719)
Pittsburgh (SSN 720)
San Juan (SSN 751)
Annapolis (SSN 760)
Springfield (SSN 761)
Hartford (SSN 768)
Toledo (SSN 769)
New Mexico (SSN 779)
New Hampshire (SSN 788)

SUBRON 20

Capt. Robert E. Wirth

Alaska (SSBN 732) (B)
Alaska (SSBN 732) (G)
Tennessee (SSBN 734) (B)
Tennessee (SSBN 734) (G)
West Virginia (SSBN 736) (B)
West Virginia (SSBN 736) (G)
Maryland (SSBN 738) (B)
Maryland (SSBN 738) (G)
Wyoming (SSBN 742) (B)
Wyoming (SSBN 742) (G)

Cmdr. Brad Swanbeck
Cmdr. Jeffery Anderson
Cmdr. Dave Payne
Cmdr. Brian Tanaka
Cmdr. Mark Robinson
Cmdr. Neil Steinhagen
Cmdr. Reed Koepf
Cmdr. Ronald Winthrow

Cmdr. James Crosley
Capt. Daniel Caldwell
Cmdr. Jason Pittman
Cmdr. Michael Grubb
Cmdr. Roy Wilson Jr.
Cmdr. Chris Osborn
Cmdr. Brad Swanbeck
Cmdr. Burt Canfield
Cmdr. Gabe Cavazos
Cmdr. Jesse Zimbauer
Cmdr. Brian P. Hogan

Capt. Brett Moyes
Capt. Greg Kercher
Capt. George Perez
Capt. Douglas Jordan

Cmdr. Nirav Patel

Cmdr. David Kaiser
Cmdr. Tony Grayson
Cmdr. Jason Deichler
Cmdr. Ravi Desai
Cmdr. Kurt Balagna
Cmdr. Brent Spillner
Cmdr. Matthew Fanning
Cmdr. Orville Cave
Cmdr. Daniel Reiss
Cmdr. Brandon Todd

Cmdr. David P. Brooks
Cmdr. Eric Cole
Cmdr. Paul Seitz
Cmdr. Jon Schaffner
Cmdr. Jared Wyrick
Cmdr. Tim Clark
Cmdr. Jesse Pruitt
Cmdr. Christopher Horgan
Cmdr. Christopher Gilmore
Cmdr. Kenneth Curtin Jr.

[AS OF FEBRUARY 2018]