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VIRGINIA-Class Submarine: Two for Four in 2012 (A)

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Revised 60W Design
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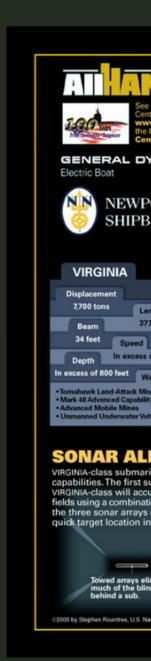
VIRGINIA-Class Submarine: Two for Four in 2012 (A)

objectives:

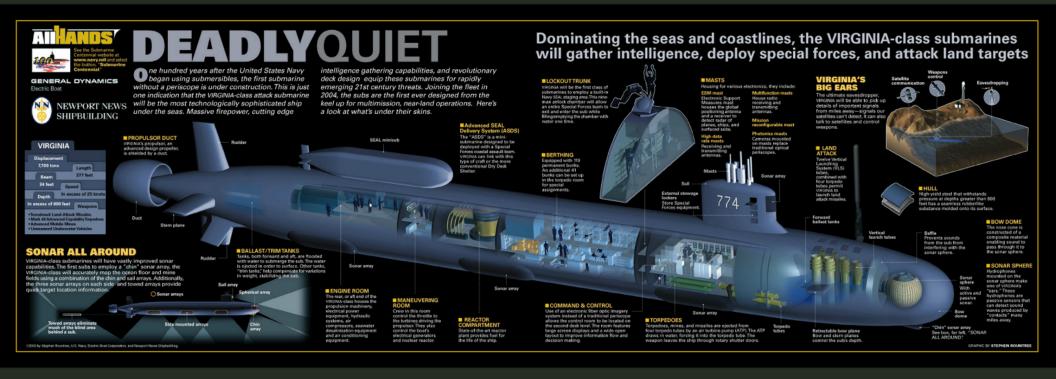
- overview of current technology (ssns 774-783)
- Discuss new features for Block III (ssns 784-791)
- ноw does it help the navy?

CUITEITE VII GII II de Class

- s9g reactor
- Phototonic masts
- 12 vls (tomahawk and harpoon missiles)
- 4 533mm torpedo tubes (Mk-48 ADCAP)
- Low and high frequency towed sonar arrays
- pump jet propulsors



class subs

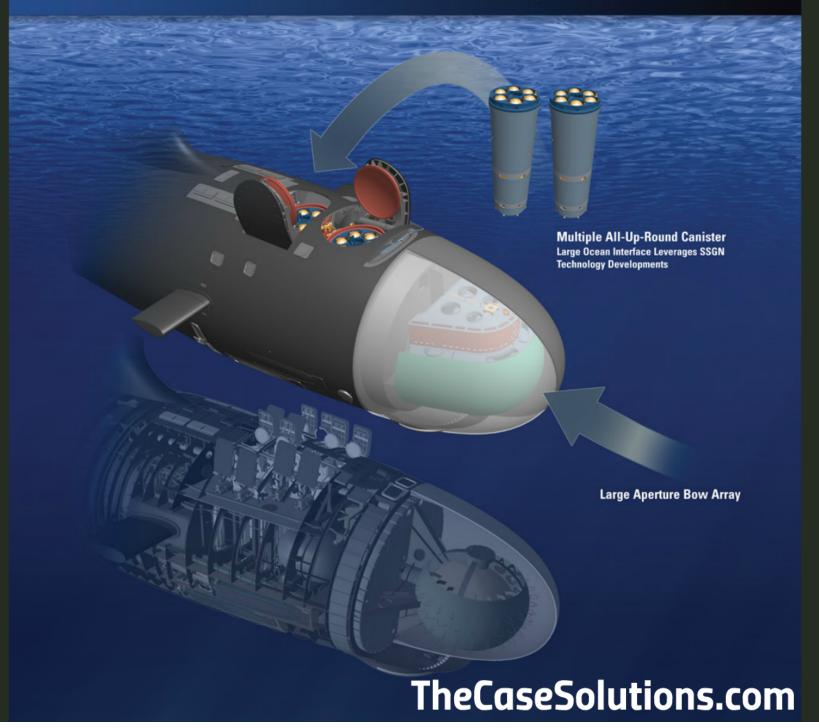


revised bow design and sonar array

- New water-backed Large Aperture BOW incorporates passive array as well as medium frequency array
- Eliminates many subsafe penetrations = ease of maintance, more room
- improvements in urethane panel structure and design

VIRGINIA Class Bow, Redesign For Affordability

Reduced Cost, Increased Flexibility



New Launch System

- Submarine missile canister (SMC)
- Takes up less space with "6-shooter" design
- More room for storing missiles

Saves Money

- overall goal is \$200 million saved per boat by FY2012
- With current improvements, \$42 million saved thus far (approx 20% of goal)
- Bow design is still being developed