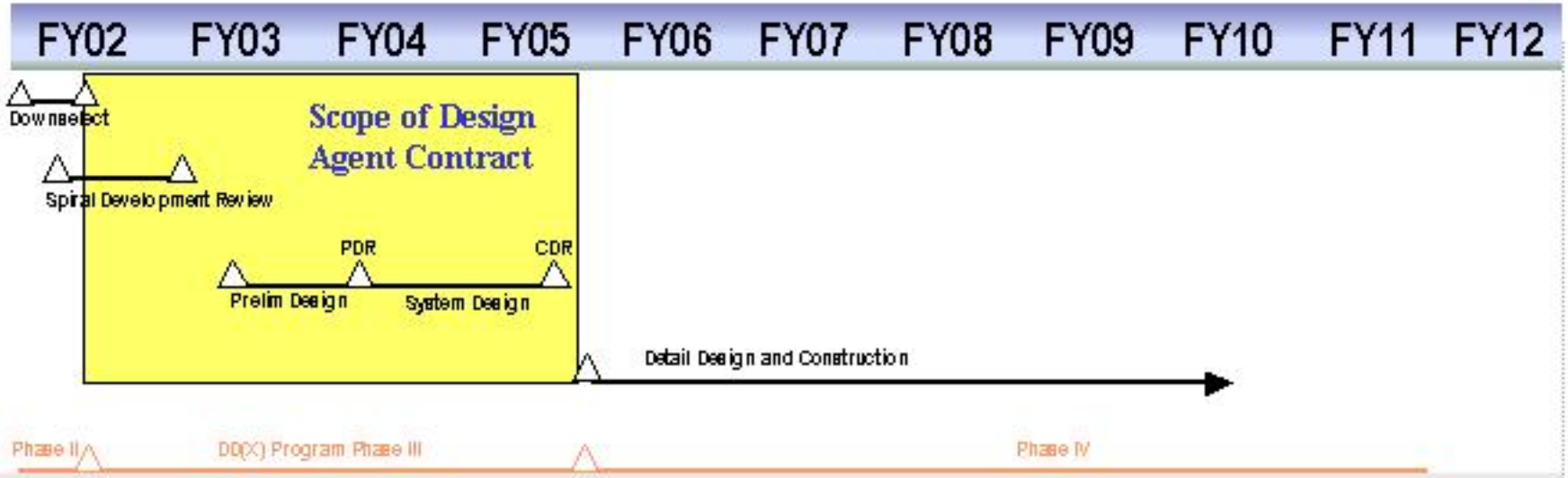
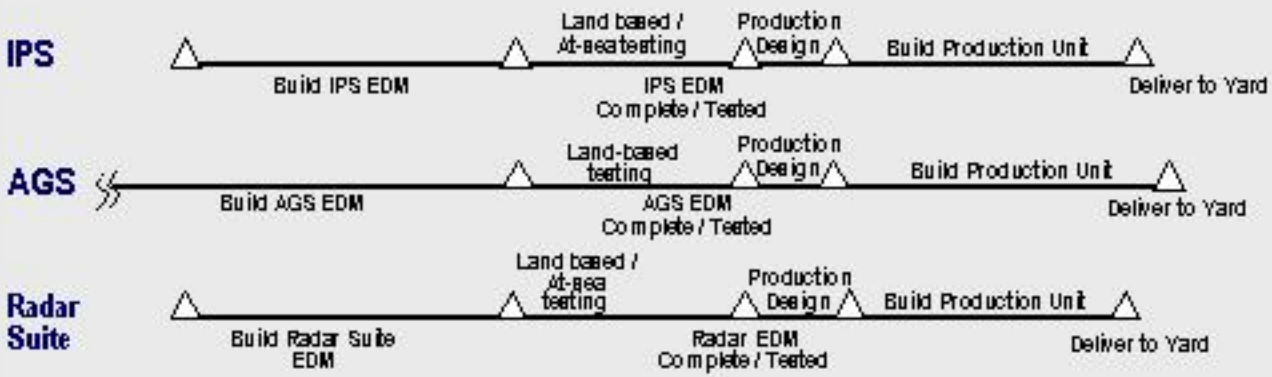
DD(X) Flight I Integrated Schedule



DD(X) ENGINEERING DEVELOPMENT MODEL (EDM) SCHEDULE



Gold Proposed Systems

Dual Band Radar
Detection of Stealthy Targets in Sea-land Clutter

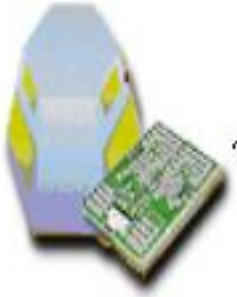
- 3 Face X-Band radar
- 3 Face L-Band radar

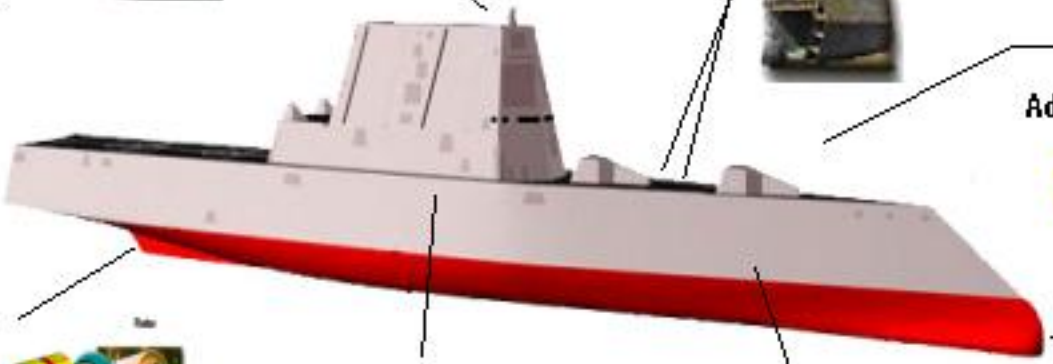
Integrated Composite Deckhouse & Apertures
Multi-Spectral Stealth Signatures

- Low RCS / IR / EO Signatures
- Planar Array Antennas

Peripheral Vertical Launch System (PVLS)
Next Generation Launch System

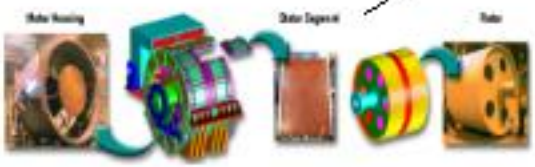
- Tomahawk
- Standard Missile (SM 2)
- Evolved Sea Sparrow Missile (ESSM)





Advanced Gun System (AGS)
Surface Volume Fires

- Automated Magazine
- Up to 100 mile Land Attack Projectile



Integrated Power System (IPS)
Increased Operational and Design Flexibility

- LM2500 & LM500 Gas Turbines
- 2 Fixed Pitch Propellers
- Permanent Magnet In-Hull Motors

Total Ship Computing Environment (TSCE)
Reduced Crew, Open Architecture

- Substantially Reduced Manning
- Fully Integrated Combat System
- Network Centric Operations
- Organic Targeting

Hull & Mobility
Improved Survivability

- Hybrid Double Hull
- 30 kt Sustained Speed
- Hanger both Helos & UAVs
- Two Flight Deck Spots
- Stern Boat Launch

Integrated Undersea Warfare
In-Stride Mine Avoidance

- Dual Freq Sonar Bow Array
- Multi-Function Towed Array (MFTA)
- Torpedo Countermeasures