



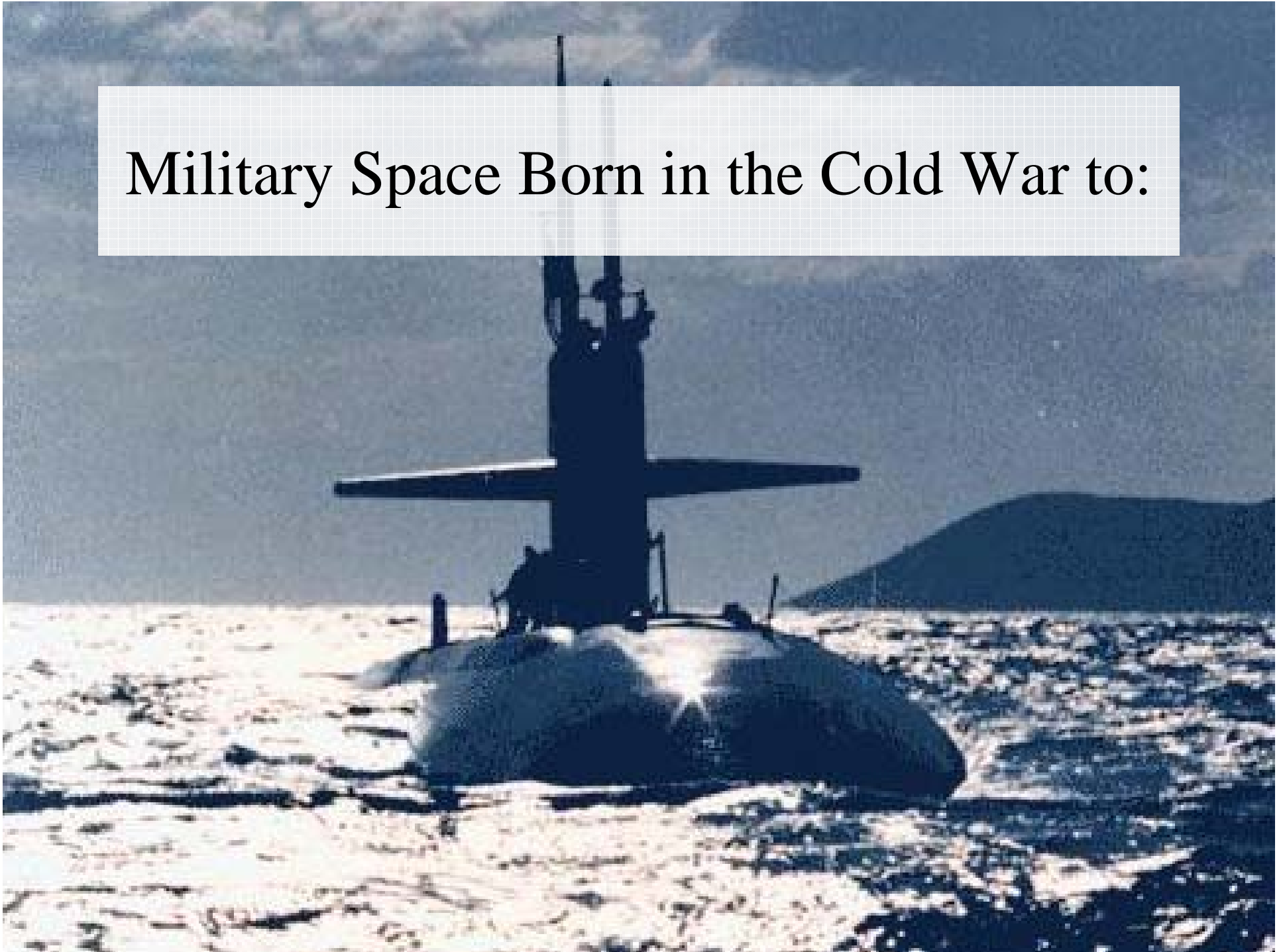
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Space is Stuck in the Cold War



Military Space Born in the Cold War to:





Track Soviet Systems In Denied Areas



Military Space & the "Historic Pause"

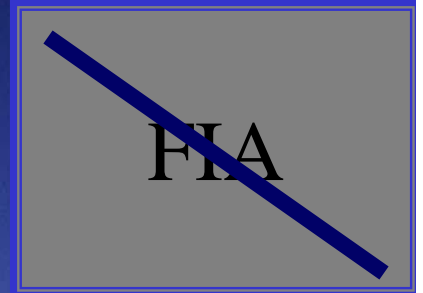


Fight a Global Nuclear War

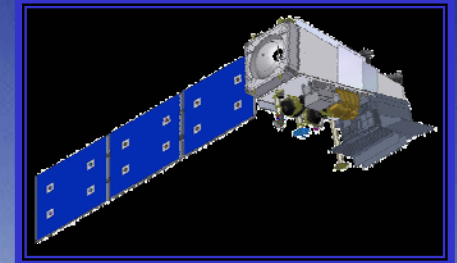
Cold War Space Systems:



Current IMINT Systems
To: FIA



DMSP/POES
To: NPOES




GPS II
To: GPS III



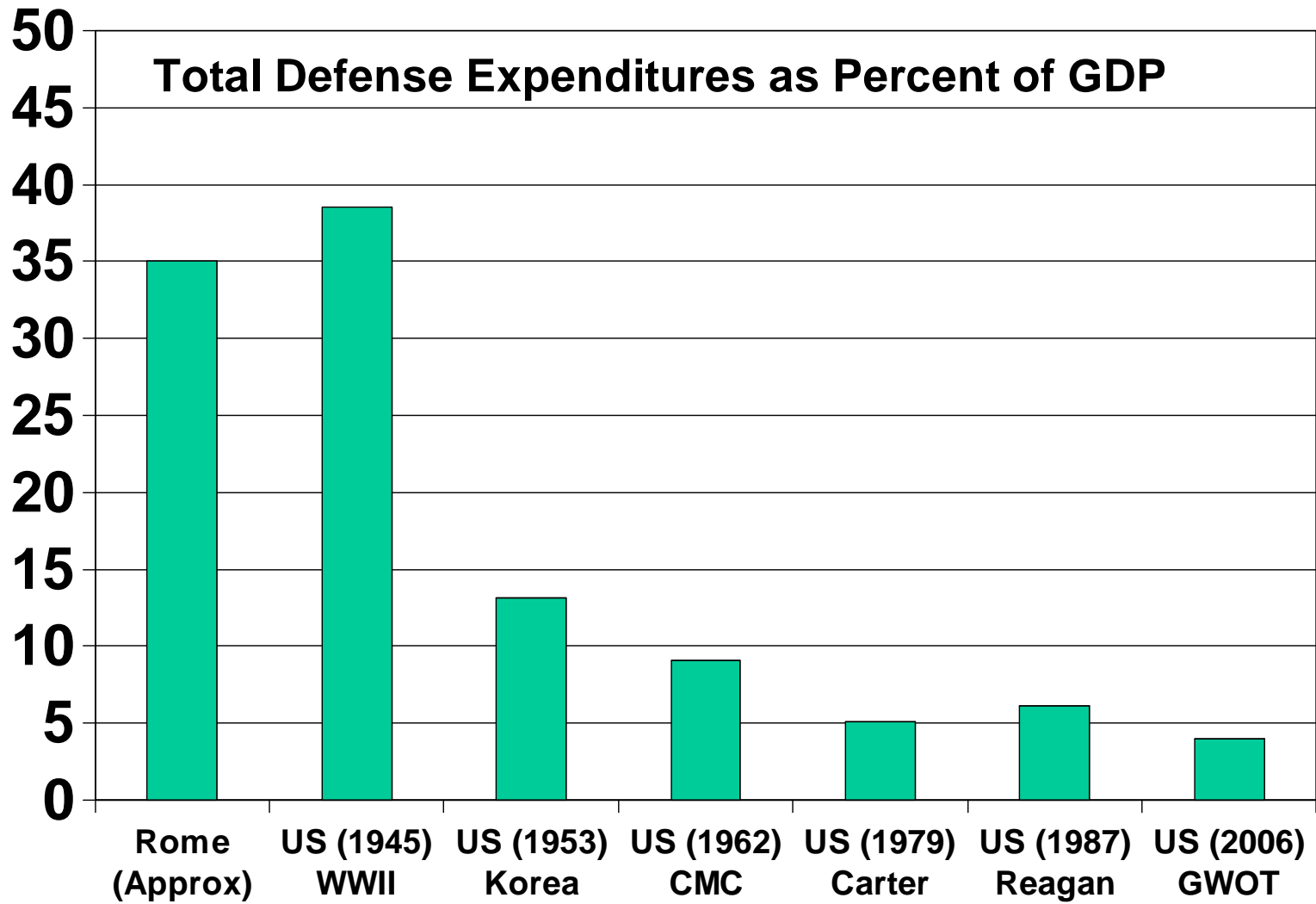
DSP
To: SBIRS

DSCS, MILSTAR, UFO
To: WGS, AEHF, TSat, MUOS

An aerial photograph showing a rocket launch. The rocket is ascending vertically, leaving a long, narrow plume of white smoke and fire that extends from the launch site on the ground up to the top of the frame. The launch site is located on a dark, flat landscape, possibly a coastal plain or airfield, with a long, straight runway visible. In the background, there is a coastline with waves breaking on a beach, and a hazy horizon under a clear blue sky. The overall scene is captured from a high altitude, looking down at the launch site and out towards the sea.

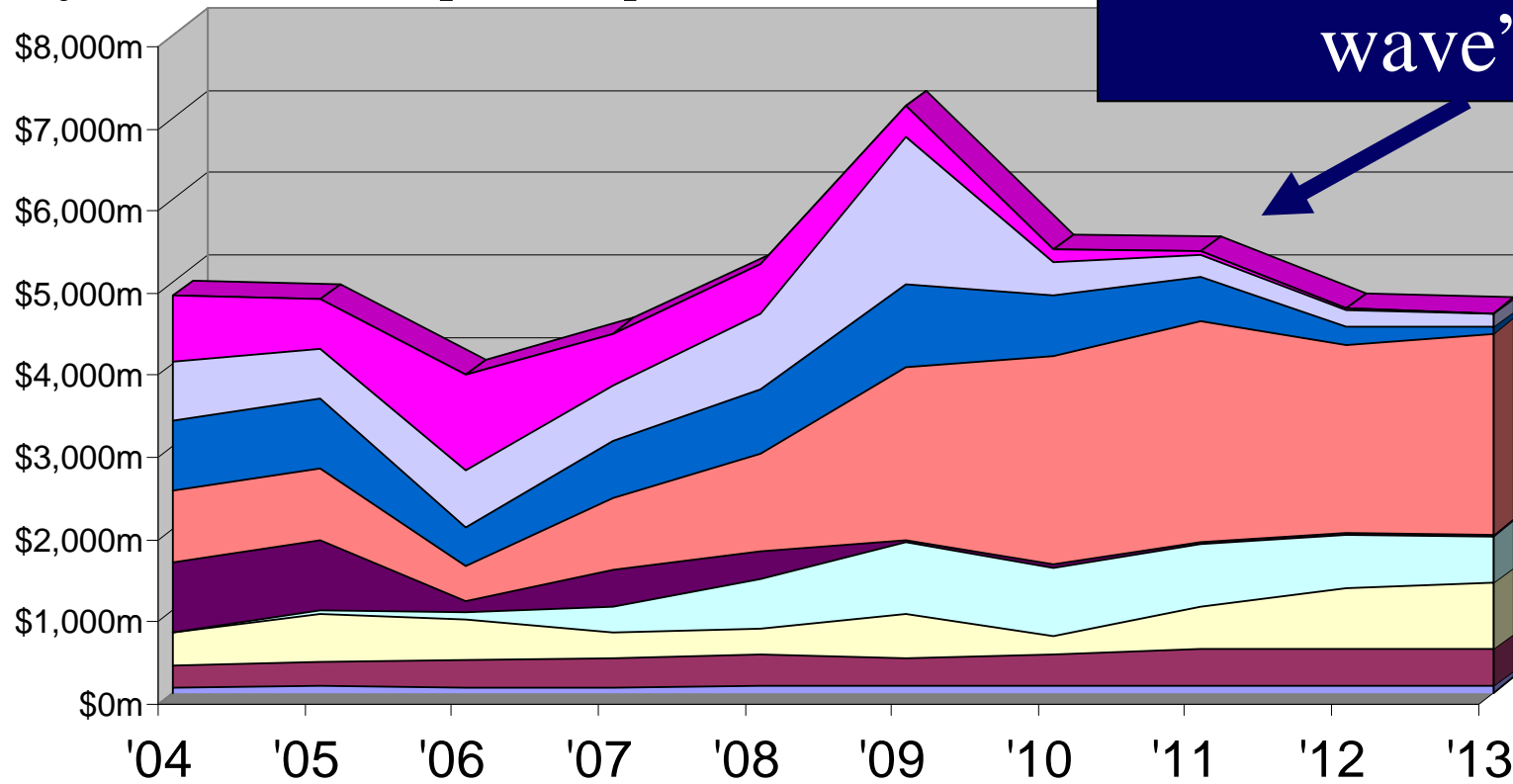
Our Architectures Need to Adapt to the New Environment

This will be Tough to Do



What is coming
after the “bow
wave”?

Major Unclassified Space Acquisitions



Pressures on the Space Budget:

Health Care



Pressures on the Space Budget:

Wars in Iraq/Afghanistan



Pressures on the Space Budget:



Deficit

A satellite is shown in orbit above Earth, with a large, billowing cloud of white debris trailing behind it. The satellite is a cylindrical object with a blue and white color scheme. The debris consists of many small, white, irregularly shaped fragments. The background shows the Earth's surface with green land and blue oceans, and the dark, starry sky of space. A white banner with a grid pattern is overlaid at the top of the image, containing the text 'Pressures on the Space Budget:'. Another white banner with a grid pattern is overlaid at the bottom of the image, containing the text 'Cost of Space Defense'.

Pressures on the Space Budget:

Cost of Space Defense

An aerial photograph showing a rocket launch from a coastal area. The rocket is ascending vertically, leaving a long, narrow plume of white smoke and fire that extends from the launch site on the ground up to the top of the frame. The launch site is located on a dark, flat landscape, possibly a coastal plain or airfield, with a runway visible in the lower-left quadrant. The ocean is visible to the right of the launch site, and the horizon is marked by a thin line of clouds. The sky is a deep blue, suggesting a clear day.

The Challenge of Turning Architectures into Capabilities:

Deciding what to give up

