

## DELTA-IV



Delta-IV Soviet/Russian nuclear attack submarine, official update, August 25, 2005.

Although the U.S. Navy has now declassified and released 23 years of patrol data for Soviet/Russian submarines, a follow-up request for what constitutes a "patrol" triggered the following response: The U.S. Navy "cannot release specific criteria for determining what a 'patrol' is as it would divulge methods and sources." Source: U.S. Navy, Office of Naval Intelligence, August 25, 2005.

The Department of Defense *Dictionary of Military Terms* (JP 1-02) also does not define "submarine patrol" but includes the following definitions that help the reader to understand the context:

- a) **patrol:** A detachment of ground, sea, or air forces sent out for the purpose of gathering information or carrying out a destructive, harassing, mopping-up, or security mission.
- b) **submarine operations area:** A geographic area defined for submarine operations for peacetime or warfare activities.
- c) **submarine patrol area:** A restricted area established to allow submarine operations: a. unimpeded by the operation of, or possible attack from, friendly forces in wartime; b. without submerged mutual interference in peacetime.



1965 & 1985



Russian nuclear attack submarines being sent on deterrent patrols, 1965, as the Delta class sub honed out its titanium technology outer shell for deeper sailing as well as other high-tech, including the nuclear attack capabilities; and, when the Kremlin pulled in its offensive horns as I resigned in 1985.

It made a laughing stock of our **hydrophone** SOSUS surveillance program, laying low on the ocean floors 300 km off US shores.



This is the same attack sub in full color, though not as impressive as the photo below, eh! It's jus the angle of the frame which makes the vessel smaller...



Fig. 53. Severodvinsk beach... "shark" class nuclear submarine..., the humongous vessel passing by a local beach in the White Sea, Arkhangelsk Oblast, southeast of the Kola Peninsula; the swimmers seemingly disinterested, despite the humongous size; it was common happening back in the days of the Cold War. Of course, most Russians never even dreamt of traveling beyond the national borders because the Russian government kept them home... [\[prof. PSC, 16.Dec.2006, Moscow\]](#).