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Guy is the Science & Technology Advisor US Coast Guard; immediately prior to this he was the Science & Technology Advisor for the National Maritime Domain Awareness Coordination Office (NMCO), chartered by the White House to coordinate the execution of the National Strategy for Maritime Security (NSMS).

Guy, retired from the Navy as signals warfare officer, saw hostile action in 3 ships, 2 submarines and 5 different aircraft types, directing the acceptance test of both the EP-3E and the RC135W, he became the first naval officer to be allowed to wear USN and USAF wings at the same time; he subsequently retired from Johns Hopkins Applied Physics Lab (JHU/APL) to take his position with the Coast Guard.

He has been part of the international Maritime Domain Awareness (MDA) effort since its inception, writing the initial draft of what is now the National Concept of Operations for MDA (November 2001). He conceived space-based AIS and wrote both the concept of operations and the formal proposal to put the first AIS receivers on satellites, airships and UAVs. His concept for Collaboration in Space for International Global Maritime Awareness (C-SIGMA) has attracted the interest of the White House and was a significant input to the just released National Space Policy. He is now leading a related 5 department effort.