

James T. Doherty
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Jim Doherty is a member of the research staff in the Science and Technology Division of the Institute for Defense Analyses (IDA), Alexandria, Virginia, USA. His work includes the GPS Independent Review Team and other activities in position-navigation-time (PNT) technologies, the Militarily Critical Technologies Program for space technologies, membership on several Independent Strategic Assessment Groups advising senior military commanders, and aiding transition of DARPA MEMS navigation-related technologies into military systems. In 2006 he was Executive Director of an independent assessment for the Departments of Transportation and Homeland Security, which supported their recently announced policy decision naming enhanced Loran (eLoran) a national backup for critical PNT needs.

Prior to coming to IDA, Jim served on active duty in the U.S. Coast Guard, completing his service at the rank of Captain in June 1999 as the Commanding Officer, Coast Guard Navigation Center. In that assignment, he oversaw completion of the Maritime and initiation of the Nationwide DGPS networks, began modernization of Loran-C into what ultimately became known today as eLoran, and served as Deputy Chair of the Civil GPS Interface Committee. Dominant themes of his Coast Guard career were navigation and navigation systems; he served as navigator aboard a Coast Guard cutter and also in engineering, development, program oversight, and operations assignments for Loran-C, Differential GPS, and Omega navigation systems and the Navigation Information Service.

He was President of the Institute of Navigation from June 2005 until January 2007, held several other national officer positions in the Institute from 1999 through 2005, and reactivated the Washington DC ION Section in 2000 and served as Section Chair until 2004. He was named a Fellow of the ION in May 2008. He was a Director of the International Loran Association from July 1999 until February 2006; he was awarded the ILA Medal of Merit in October 2007.