

The NATO Codification System: Leading the Way to Data Quality through ISO Standards 22745 and 8000

ABSTRACT-----

NATO Allied Committee 135, which manages the NATO Codification System, is putting a major emphasis on quality data through its work on the development of ISO standards 22745 and 8000. ISO 22745 is a standard for the representation of the master data. ISO 8000 is a standard for measuring and certifying data quality. This presentation will provide an overview of these standards and review the projects the committee is working on to implement the standards within industry. Besides the NATO countries, the NCS is used by 30 non-NATO countries around the world, in Europe as well as Asia, North and South America, Australia, and Africa.

BIOGRAPHY-----

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Steven Arnett is the chief of the United States Codification Bureau (NCB) at the Defense Logistics Information Service (DLIS) in Battle Creek, Michigan. Before being appointed to that position in April 2004, Mr. Arnett worked in the field of NATO codification policies and procedures for 14 years and has represented the United States at many meetings of NATO Allied Committee 135 (AC/135). Before joining DLIS, Mr. Arnett spent seven years with the Air Force Cataloging and Standardization Center (CASC). He also formerly worked as a supervisor in a data quality office at DLIS. In addition to his duties managing the U.S. NCB, Mr. Arnett is working with the Electronic Commerce Code Management Association (ECCMA), AC/135, Lehigh University, and other partners to gain ISO recognition of the ECCMA Open Technical Dictionary (eOTD) as the international standard for e-catalogs. Among other accomplishments, Mr. Arnett has had numerous articles published related to his work, including in the Defense Standardization Program Journal, the Defense Institute of Security Assistance Management Journal, and the Pacific Area Cataloging Seminar Newsletter. Further, Mr. Arnett is the secretary of the Pacific Area Cataloging Seminar (PACS). Mr. Arnett received a bachelor's degree in humanities in 1973 from Michigan State University and also did graduate work at that institution. He was granted a master's degree in English literature from the University of Maine in 1978. Further, he is a 2007 graduate of the LOGTECH Advanced Program in Logistics & Technology from the Kenan-Flagler Business School at the University of North Carolina.