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A Process for the Assessment of Navy C3I Programs

Dr. Clarence S. Fuzak, Jr.

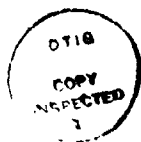
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Abstract:

The process presently being used in the development of program evaluations in support of the Chief of Naval Operations, Director of Naval Warfare's Tactical C3I Warfare Appraisal is presented. The process is qualitative—quantitative tools for assessing the warfighting value of C3I systems are sought for future evaluations. The current program benefit assessment process involves two steps. The first step develops a prioritized and quantified listing of specific deficiencies in Navy C3I. This step uses a modified Delphi process involving officers representing both operational commands and the Chief of Naval Operations' staff. The second step quantifies the contribution of current programs' abilities to correct the identified deficiencies. This step is carried out by technical experts familiar with the C3I programs. The results of this program benefit analysis are coupled with program cost analyses to develop benefit/cost ratios. These ratios are in turn used by the Director of Naval Warfare's staff in developing the Tactical C3I Appraisal—most specifically, to support identification of "core" C3I programs. This paper describes the two-step effort leading to program benefit assessments.

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