



TERMS OF REFERENCE

EXERCISE
RECONSTRUCTION
AND
DATA COLLECTION

BACKGROUND

- BATTLE GROUP EXERCISES
- REDUCTION IN FUNDING
- NEED FOR BETTER DATA
- MULTIPLE SYSTEMS BEING DEVELOPED
- CURRENT INITIATIVES INADEQUATE

TASKING

- IDENTIFY AND ASSESS CANDIDATE TECHNOLOGIES FOR RAPID COLLECTION AND RECONSTRUCTION OF EXERCISE DATA
- IDENTIFY EFFECT OF ADVANCED EQUIPMENT ON CONDUCT AND EVALUATION OF FLEET TRAINING

EXER 4

Terms of Reference

DETERMINE THE IMPACT OF ADVANCING TECHNOLOGY ON EXERCISE RECONSTRUCTION AND DATA COLLECTION

1. GENERAL OBJECTIVE

Provide an assessment of advancing technology on exercise reconstruction and data collection. Identify alternatives for applying this technology to obtain and reconstruct the data necessary to support the Fleet and OPNAV assessment programs.

2. BACKGROUND

a. The assessment and improvement of fleet tactical readiness is a major concern of all hands. With a reduction in funding for all the services, the way that training is conducted and evaluated must be reviewed with an eye towards utilizing the advancements made in technology.

b. Essential to any evaluation and analysis programs is the availability of adequate operational data and the means to quickly convert these data to information products usable by fleet personnel and analysts.

c. In response to this Navy-wide need for data acquisition and reconstruction systems,

several important contributions in the areas of carry-on instrumentation, reconstruction systems, fleet training ranges, and tactical decision aids have been made. CINCLANTFLT is also experimenting with real-time data collection, exercise reconstruction and analyses conducted ashore in support of fleet exercises.

d. The data acquisition and reconstruction system initiatives do not presently provide the full capability needed to rapidly assess battle group operations across all warfare mission areas. The systems which exist today lack mutual compatibility and are generally restricted in availability and applicability.

3. SPECIFIC TASKING

a. With emphasis on training always paramount and ever increasing, identify those advanced technology systems that will enable the rapid collection and reconstruction of exercise data, while minimizing impact on afloat operations.

b. Identify the effect that this advanced equipment will have on the way the Navy conducts and evaluates fleet training with the ultimate goal of improving fleet readiness.

4. POINT OF CONTACT

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