Defense Technical Information Center
Compilation Part Notice

ADP013327

TITLE: Discussion - Visualisation for Command

DISTRIBUTION: Approved for public release, distribution unlimited

Availability: Hard copy only.

This paper is part of the following report:

TITLE: Multimedia Visualization of Massive Military Datasets [Atelier OTAN sur la visualisation multimedia d'ensembles massifs de donnees militaires]

To order the complete compilation report, use: ADA408812

The component part is provided here to allow users access to individually authored sections of proceedings, annals, symposia, etc. However, the component should be considered within the context of the overall compilation report and not as a stand-alone technical report.

The following component part numbers comprise the compilation report:

Discussion – Visualisation for Command

- o Measurement
    - o CPOF experimentation preliminary and needs further development
- o Large Screen Displays
    - o Indicators as to the effectiveness of large screen displays
    - o Sernof Displays at Ft Leavenworth – virtual wall where can display your display for sharing
    - o DREV large screen display
    - o Use of wearable head mounted displays
    - o Seem to be driven by what we can do rather than what makes sense
    - o Large screen displays typically not used – used in a movie format. NASA has had some success
    - o Collaborative shared workspace
    - o Need keeper of large screen – what should be provided for common understanding
    - o Use large screen for aggregated view
    - o Not just one display – series of displays
- o What about small displays like palm pilots?
    - o Problems cited with evaluation undertaken with Marines
    - o Content must change for the particular displays
    - o Should look at what will work on small displays and then think about large displays
    - o Will make people think closely about what absolutely needs to be displayed
- o Enabling technologies
    - o Collaborative working
    - o Information workspace –rooms metaphor
    - o Technology fast moving and so level of maturity in terms of users use of info technology will always be behind what is possible
- o Customization of information for particular needs
    - o Commanders need generic overviews