



STRENGTH THROUGH INDUSTRY & TECHNOLOGY

***National Defense Industrial Association
Systems Engineering Division***

October 3, 2009

AUTOMATIC TEST SYSTEMS EXECUTIVE AGENT OFFICE
NAVAIRSYSCOM PMA-260
47123 Buse Rd, Unit #IPT
Patuxent River, MD 20670-1547
Attn: W. A Ross, Assistant Director

Dear Mr. Ross;

The Navy is considering a change in format of Operational Test Program Set (OTPS) Technical Data Package (TDP) JEDMICS files from C4 Compressed Raster Image File format to Adobe Portable Document File (PDF) format. The current requirements call for submission of the final complete OTPS TDPs on CD-ROM as MIL-PRF-28002 JEDMICS C4 Compressed Raster Image Files using the JEDMICS Compact Disk Data Exchange (CDEX) specification.

In response to your request for recommendations relative to changing the OTPS (TDP) File Formats the Automatic Testing Committee (ATC) of the NDIA Systems Engineering Division, has performed a survey of TPS development and sustainment activities. The survey was conducted to identify industry's (to include applicable government activities) opinions on cost, technical and schedule impacts to the TPS development process if a transition to PDF were made. The survey was attended by a broad cross section of industry representatives with experience in factors such as cost, schedule, performance and supportability, and therefore reflects an automated test Industry consensus. As a result of the survey and findings the ATC recommends the transition from C4 Compressed Raster Image File format to Adobe Portable Document File (PDF) format. JEDMICS C4 is not as capable or generally accepted as PDF. **Our analysis and poll results unanimously indicated that PDF would be more beneficial in cost, technical attributes and schedule.** We should also note that there is an additional benefit if PDF documents are converted from native file formats to PDF (not scanned as an image) as they retain an ability to be "searched" for key words and references. This allows for better data information retrieval, which can be a cost and time savings.

You will find attached the Individual Survey Responses and Quick Look Findings Summary in PDF format.

We are confident that the recommendation if implemented will prove useful in future acquisitions and sustainment of DoD support equipment and TPSs. The Automatic Testing Committee stands ready to answer any questions regarding this recommendation.

Yours truly,
(original signed by)
Robert C. Rassa
Chair, NDIA Systems Engineering Division

Attachment
Copy:
Les Orledge, Chair, NDIA SE Div Automatic Test Committee