Defense Readiness Reporting System – Strategic (DRRS-S)
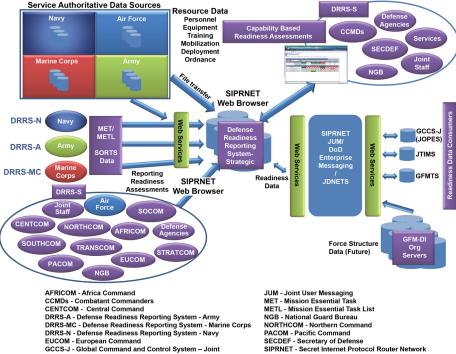
Executive Summary
- The Joint Interoperability Test Command (JITC) conducted the Defense Readiness Reporting System – Strategic (DRRS-S) IOT&E from May 2015 through June 2015. Emerging results identified significant system and end-to-end process deficiencies. The DRRS-S program manager requested an extension of the IOT&E through October 2015 to correct system deficiencies and allow JITC to independently validate the fixes. DOT&E agreed to the extension.
- JITC continued IOT&E in September and October 2015. DOT&E plans to submit a DRRS-S IOT&E report in 2QFY16.

System
- DRRS-S is a Secret Internet Protocol Router Network-accessible web application designed to replace the Global Status of Resources and Training System, a Force Readiness component of Global Command and Control System – Joint.
- DRRS-S production and backup systems are hosted at separate Defense Enterprise Computing Centers on commercial off-the-shelf hardware consisting of application and database server enclaves using Microsoft Windows® operating systems.
- DRRS-S receives and processes readiness reports and data from Service-specific increments of the larger DRRS enterprise, including DRRS-Army, DRRS-Marine Corps, and DRRS-Navy. Combatant Commanders, and the subordinates they direct, DOD agencies, and Air Force units report directly within DRRS-S.

Mission
- Combatant Commanders, Military Services, Joint Chiefs of Staff, Combat Support Agencies, and other key DOD users (such as the Secretary of Defense and National Guard) use the DRRS collaborative environment to evaluate the readiness and capability of U.S. Armed Forces to carry out assigned and potential tasks.
- Reporting organizations input both mission readiness and unit readiness data, such as Global Status of Resources and Training System data, into DRRS-S and use it to make mission readiness assessments against standardized missions and tasks.

Major Contractor
InnovaSystems International, LLC – San Diego, California

Service Authoritative Data Sources

AFRICOM - Africa Command
CCMDs - Combatant Commanders
CENTCOM - Central Command
DRRS-A - Defense Readiness Reporting System - Army
DRRS-MC - Defense Readiness Reporting System - Marine Corps
DRRS-N - Defense Readiness Reporting System - Navy
EUCOM - European Command
GCCS-J - Global Command and Control System – Joint
GFM-DI - Global Force Management Data Initiative
GFMTS - Global Force Management Toolset
JDNETS - JOPES Data Network Services
JSUB - JOPES Subscriptions
JOPES - Joint Operational Planning and Execution System
JTIMS - Joint Training Information Management System

JUM - Joint User Messaging
MET - Mission Essential Task
METL - Mission Essential Task List
NGB - National Guard Bureau
NORTHCOM - Northern Command
PACOM - Pacific Command
SECDEF - Secretary of Defense
SIPRNET - Secret Internet Protocol Router Network
SOCOM - Special Operations Command
SORTS - Status of Resources and Training System
SOUTHCOM - Southern Command
STRATCOM - Strategic Command
TRANSCOM - Transportation Command

Activity
- From May 2015 through June 2015, JITC conducted an IOT&E in accordance with the DOT&E-approved test plan. IOT&E revealed a number of significant deficiencies with the system and end-to-end data management processes. Therefore, the DRRS-S program manager requested an extension of the IOT&E through October 2015 to allow for correction of system deficiencies and provide sufficient time for JITC to independently verify the fixes. DOT&E agreed to the extension.

- JITC continued IOT&E in September and October 2015. This test window included two monthly readiness reporting cycles to verify the accuracy, completeness, and timeliness of Service readiness reports.
- JITC and the Army Research Laboratory Survivability and Lethality Assurance Directorate conducted a Cooperative Vulnerability and Penetration cybersecurity assessment from February 2015 through May 2015. The Defense Information Systems Agency Risk Management Executive Red Team conducted a cybersecurity Adversarial Assessment in June 2015.
- DOT&E will submit an IOT&E report on the DRRS-S in 2QFY16.

Assessment

The DRRS-S Data Authentication Group reviewed and authenticated IOT&E data in November 2015. DOT&E began evaluating the IOT&E test data in November 2015. DOT&E plans to submit a DRRS-S IOT&E report in 2QFY16.

Recommendations
- Status of Previous Recommendations. The DRRS-S Program Office addressed all previous recommendations.
- FY15 Recommendations. None.