



**DEFENSE LOGISTICS AGENCY  
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FORT BELVOIR, VIRGINIA 22060-6221**

September 29, 2015

**MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS**

**SUBJECT: Proposed Defense Logistics Management Standards (DLMS) Change (PDC) 1177,  
Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing  
Solution (Supply)**

We are forwarding the attached proposed change to DLM 4000.25, Defense Logistics Management Standards, for evaluation and submission of a single coordinated DOD Component position. It is the responsibility of the Component Supply PRC representative to ensure full coordination of the proposal within your Component.

Request you review the attached proposed change and provide your comments/concurrence to Defense Logistics Management Standards Office (DLMSO) not later than **30** days from the date of this memorandum. If nonconcurrence is provided, please provide an alternate method to meet the requirement being addressed.

Addressees may direct questions to Ms. Ellen Hilert, DOD MILSTRIP Administrator, 703-767-0676, DSN 427-0676 or e-mail: [Ellen.Hilert@dla.mil](mailto:Ellen.Hilert@dla.mil), or Ms. Heidi Daverede, DOD MILSTRIP Alternate, 703-767-5111; DSN 427-5111 or email: [Heidi.Daverede@dla.mil](mailto:Heidi.Daverede@dla.mil) or Mr. Eric Flanagan, (703) 767-6295; DSN 427-6295 or email: [Eric.Flanagan@dla.mil](mailto:Eric.Flanagan@dla.mil). Others must contact their designated Supply PRC representative available at <https://www2.dla.mil/j-6/dlms0/CertAccess/SvcPointsPOC/allpoc.asp>.

DONALD C. PIPP  
Director  
Defense Logistics Management  
Standards Office

Attachment  
As stated

cc:  
ODASD (SCI)

# **Attachment to PDC 1177**

## **Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing Solution**

### **1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:**

a. **Technical POC:** Julianne Kerr, DSCA/IT/SCES, [julianne.kerr@dscamilitary.com](mailto:julianne.kerr@dscamilitary.com), 571-372-3422

b. **Functional POC:** Brent Pearlstein, DSCA/IT/SCES, [brent.pearlstein@dscamilitary.com](mailto:brent.pearlstein@dscamilitary.com), 703-601-3748

### **2. FUNCTIONAL AREA:**

a. **Primary/Secondary Functional Area:** Supply

b. **Primary/Secondary Functional Process:** N/A

### **3. REFERENCES:**

a. [DLM 4000.25](#), Defense Logistics Management Standards (DLMS), Volume 2, Supply Standards and Procedures, Chapter 25, Security Assistance Program

b. [DLMS 4000.25-1](#), Military Standard Requisitioning and Issue Procedures (MILSTRIP), Chapter 6, Security Assistance Program

c. [DLM 4000.25-4](#), Defense Automatic Addressing System (DAAS), AP2. Appendix 2, International Logistics Communications System (ILCS)

d. [PDC 1173](#), Accommodate Foreign Military Sales (FMS) Related Transaction Sets from Naval Air Technical Data and Engineering Service Center (NATEC) to Security Cooperation Enterprise Solution (SCES) (Supply)

### **4. REQUESTED CHANGE(S):**

a. **Brief Overview of Change:** This PDC is provided to document the interim state routing solution that has been developed and tested by the Defense Security Assistance Development Center (DSADC) for the SCES Program, working in cooperation with Naval Supply Systems Command, Weapon System Support (NAVSUP WSS), DLMSO, and Transaction Services. SCES interim state is the period between the Limited Deployment Decision (LDD) and Full Deployment Decision (FDD). During this period, both the Navy Management Information System International Logistics (MISIL) and SCES will be operating. Selected new foreign military sales (FMS) cases will be managed in SCES, whereas MISIL will manage the remaining new and existing cases. There will be no overlap in the caseloads

managed by each system. MILSTRIP documents originating from FMS purchasers must be transparently routed to the correct system that manages the case against which the requisition was submitted. In addition, orders received from the FMS purchaser, as well as orders entered in SCES by the case manager on their behalf, must be properly coded to ensure supply and shipment status will be routed by Transaction Services to the originating case execution system, i.e., MISIL or SCES. The routing solution that was developed leverages the use of newly assigned Navy Department of Defense Activity Address Code (DoDAAC), routing identifier code (RIC), fund code, and distribution codes. No changes to logistics formats or custom programming by Transaction Services is required, as the “Y-Gate” solution (decision logic to separate data flow) is implemented using standard MILSTRIP coding/processing that are in place at Transaction Services. The solution was successfully tested in October, 2014 and then again in May, 2015.

**b. Background:**

(1) The legacy case execution systems, Army Centralized Integrated System for International Logistics (CISIL), Navy MISIL, and Air Force Security Assistance Management Information System (SAMIS), in addition to Case Management Control System (CMCS), Defense International Finance System (DIFS), and the FMS functionality in Program Budget Accounting System - Order Control (PBAS-OC), are being incrementally replaced by the SCES sponsored by the Defense Security Cooperation Agency (DSCA). The first increment is the Navy deployment that will replace MISIL. SCES is a tri-Service solution, and its mission is to improve the speed and agility of FMS case execution processes, improve accessibility and transparency of information for the United States Government (USG) and international customers; and realize cost efficiencies through potential savings in labor and information technology (IT) costs in FMS case execution. SCES will provide the logistics management and accounting reporting capabilities needed for the execution of FMS cases including Building Partner Capacity (BPC) cases, and leases. SCES will integrate with the IT systems of the military departments (MILDEPs) and other DOD agencies in support of providing these capabilities. The two major SCES components are the Enterprise Resource Planning (ERP) and the Data Management and Reporting Solution (DMRS).

(2) FMS purchasers are able to submit requisitions (orders) using Transaction Services' Automated Message Exchange System (DAMES), Supply Tracking and Repairable Return-Personal Computer (STARR-PC), and/or the Security Cooperation Information Portal (SCIP). Today, all FMS purchaser MILSTRIP documents that are initiated using DAMES are routed based on the Service/Agency code (which equates to the Security Cooperation (SC) implementing agency code) and appears in the first position of the document number). Navy-managed cases are identified by Service/Agency Code P. All Navy MILSTRIP documents today are routed to MISIL by Transactions Services. MISIL receives, validates, and sends orders to sources of supply (SoS) for fulfillment. Orders submitted through SCIP are sent to MISIL before being forwarded to the SoS. The SoS provides status and Interfund billing for MISIL via Transaction Services (e.g., for Interfund using Fund Code 48). With the introduction of SCES, it is no longer possible to route orders using only the Service/Agency code, since all orders from FMS purchasers for Navy will carry this code. The approach chosen to address the interim state was to develop a “Y-Gate” to determine which documents should be routed to SCES versus MISIL based on which FMS cases are being managed in each system. A second

part of the solution is to establish new Navy DoDAAC, RIC, distribution code, and fund codes for SCES to support routing of status and billing from the SOS to the correct system. DSCA tasked DSADC to develop the component parts of the Y-Gate, which involves the Defense Security Assistance Management System (DSAMS), for routing case information, and MISIL, for routing MILSTRIP documents. The flow of case data and MILSTRIP documents is described in Paragraph d. below.

**c. Requested Change in Detail:** The Navy and DSCA are responsible for system changes associated with implementation of the interim state Y-Gate solution. New SCES DoDAAC, RIC, distribution and fund codes, and agency accounting identifier (AAI) values were established through the Navy and DOD monitors following the standard process. The new SCES codes for Navy are listed below.

DODAAC	N66722
RIC	NCT
Distribution Code	S
Fund Code	KJ
AAI	012180

It is expected that a new set of codes will be established for each Service to support future increments of SCES.

**d. Revisions to DLM 4000.25 Manuals:**

(1) Modify DLM 4000.25, Volume 2, Supply Standards and Procedures, Chapter 25, Security Assistance Program, (Reference 3.a.) as follows:

**C25.4.6. Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing Solution**

***C25.4.6.1. Under the Security Cooperation Enterprise Solution (SCES) interim state logistics routing solution, if the Security Cooperation (SC) case designator indicates the FMS case is managed by SCES, the ILCO management information system will recode the FMS or Grant Aid requisition as a passing order (DIC A3\_) and update the transaction with the applicable Defense Security Cooperation Agency (DSCA) RIC, distribution code, and fund code values based on the SC implementing agency code.<sup>3</sup>***

***C25.4.6.2. After validation, SCES will convert the passing order to a requisition and transmit the FMS and Grant Aid requisitions to the appropriate source of supply.<sup>4</sup>***

<sup>3</sup>Refer to Proposed DLMS Change (PDC) 1177

<sup>4</sup>ibid

*(Intervening text not shown)*

**C25.7.6. Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing Solution**

***C25.7.6 Under the SCES interim state logistics routing solution, the ILCO management information system will forward follow-ups, modifiers, and cancellations to the applicable DSCA RIC based on the SC implementing agency code if the SC case designator indicates the FMS case is managed by SCES.<sup>5</sup>***

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<sup>5</sup>*ibid*

(2) Modify DLM 4000.25-1, Chapter 6, Security Assistance Program, (Reference 3.b.) as follows:

**C6.4.6. Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing Solution**

***C6.4.6.1. Under the Security Cooperation Enterprise Solution (SCES) interim state logistics routing solution, if the Security Cooperation (SC) case designator indicates the FMS case is managed by SCES, the ILCO management information system will recode the FMS or Grant Aid requisition as a passing order (DIC A3\_) and update the transaction with the applicable Defense Security Cooperation Agency (DSCA) RIC, distribution code, and fund code values based on the SC implementing agency code.<sup>3</sup>***

***C6.4.6.2. After validation, SCES will convert the passing order to a requisition and transmit the FMS and Grant Aid requisitions to the appropriate source of supply.<sup>4</sup>***

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<sup>3</sup>*Refer to Proposed DLMS Change (PDC) 1177*

<sup>4</sup>*ibid*

*(Intervening text not shown)*

**C6.7.6. Security Cooperation Enterprise Solution (SCES) Interim State Logistics Routing Solution**

***C6.7.6. Under the SCES interim state logistics routing solution, the ILCO management information system will forward follow-ups, modifiers, and cancellations to the applicable DSCA RIC based on the SC implementing agency code if the SC case designator indicates the FMS case is managed by SCES.<sup>5</sup>***

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<sup>5</sup>*ibid*

(3) Modify DLM 4000.25-4, AP2. Appendix 2, International Logistics Communications System (ILCS), (Reference 3.c.) as follows:

“AP2.1.3. Policy. Under existing policy, ILCS traffic addressed to the DAAS COMMRI must be sent via existing communications channels between Transaction Services and the appropriate

ILCO *management information system*, where the logistics transactions are validated against established FMS cases. Military Standard Requisitioning and Issue Procedures (MILSTRIP) transactions will be processed individually and forwarded to the appropriate Military Service (~~Air Force AF~~ Security Assistance Management Information System (SAMIS), ~~Army ARMY~~ Centralized Integrated System for International Logistics (CISIL), or ~~Navy NAVY~~ Management System for International Logistics (MISIL)) for further service specific processing. After passing validation edits, requisitions will be sent to the appropriate source of supply (SoS).” *The Security Cooperation Enterprise Solution (SCES) sponsored by the Defense Security Cooperation Agency (DSCA) is a tri-Service solution that will replace the aforementioned ILCO management information systems through staggered implementation. Upon completion of Service implementation, ILCs traffic will be forwarded to SCES based on the document number Service/Agency code (which equates to the Security Cooperation (SC) implementing agency code). Pending completion, the legacy ILCO management systems will be responsible for ensuring that cases managed by SCES are forwarded to SCES by inserting the applicable Defense Security Cooperation Agency (DSCA) RIC, distribution code, and fund code values.”*

e. **Proposed Transaction Flow:** The figure below depicts the SCES flow for the interim state Navy deployment.

(1) DSAMS Y-Gate. On a daily basis, new FMS case records are flagged for transmission to SCES based on selection criteria established by the Navy International Programs Office (NIPO). Letter of Offer and Acceptance (LOA) case data is transmitted to SCES for new cases meeting the selection criteria. LOA data for remaining cases continue to be transmitted to MISIL, as is done today. SCIP also receives LOA data from DSAMS to support reporting as is done today. SCES cases are flagged in the SCIP database based on the SCES indicator sent by DSAMS, which is available to SCIP query and reports.

(2) On a daily basis, SCIP extracts a list of the SCES case identifiers (Country Code + Country Service + Case Designator) and sends it to MISIL for use in the MISIL Y-Gate.

(3) FMS purchasers submit MILSTRIP requisitions, follow-ups, and requests for cancellation or modifications through the Case Information Community in SCIP and/or through DAMES. FMS-unique Document Identifier Code (DIC) XDN transactions for non-standard Requisitions (XDN 0-9) and Supply Discrepancy Report (SDR) (XDN A-J) can also be submitted. The FMS purchaser is not required to use any special coding of their requisitions.

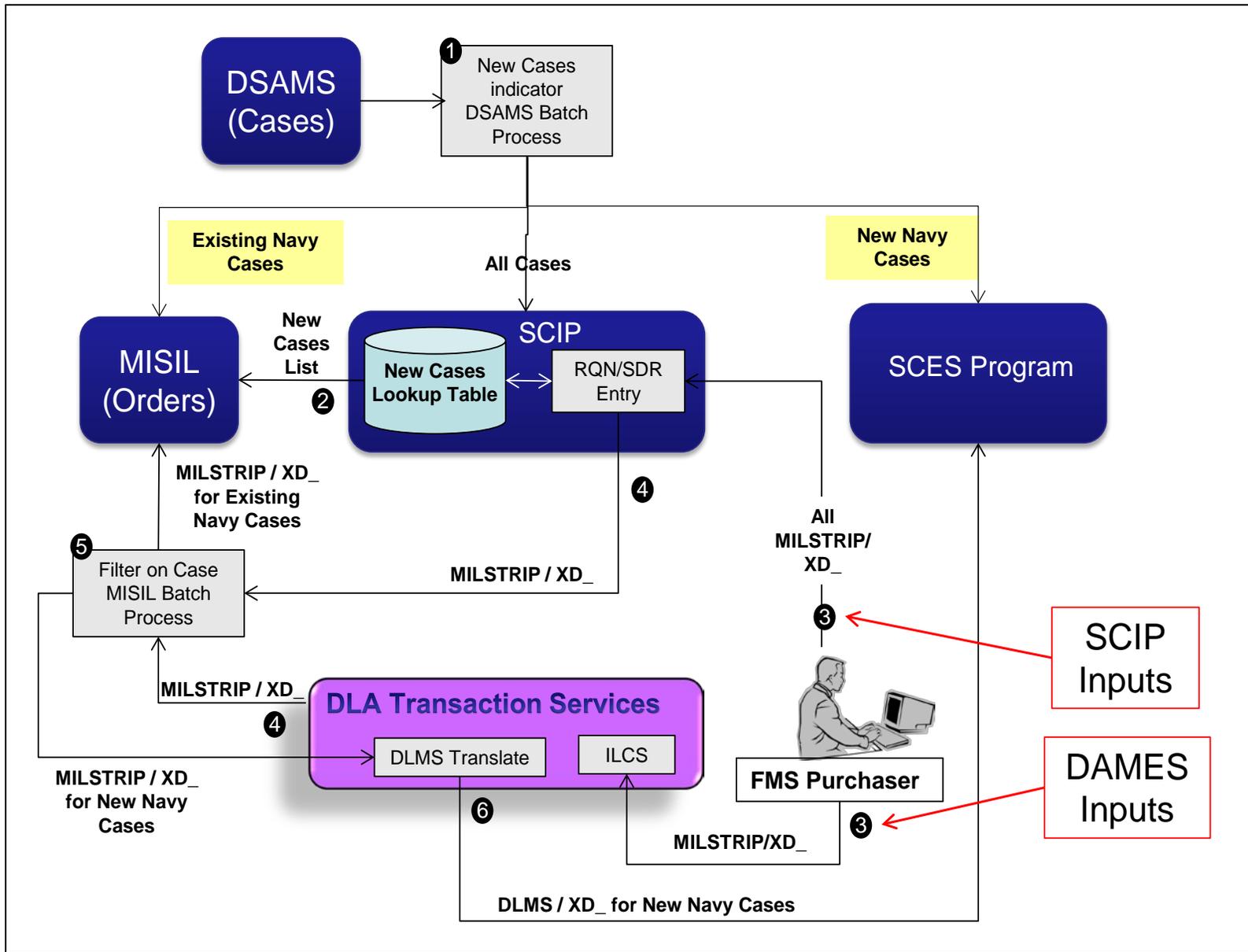
(4) All MILSTRIP/DIC XDN transactions sent via DAMES will flow through Transaction Services and route to MISIL as is done today. MILSTRIP/XDN transactions submitted via SCIP will also pass directly to MISIL as is done today.

(5) MISIL Y-Gate. The MISIL Y-Gate process uses the SCES Cases listing to determine (based on the country code contained in MILSTRIP legacy record position (rp) 31-32 and the case designator entry in MILSTRIP legacy rp 48-50 on the requisition) whether a document (requisition, Parts and Repair Ordering System (PROS) transaction, SDR) is for an SCES case. If an SCES document, then the MISIL Y-Gate will recode the requisition as an A3\_ passing order, update the RIC, distribution code, and fund code with the SCES values, and route

it back to Transaction Services. Document numbers are stored for use on trailing records that do not have supplementary addresses. In addition, Naval Air Technical Data and Engineering Center (NATEC) initiated publication requisitions (Cognizance (COG) Symbol 6I) flow from the Technical Manual Application System (TMAPS) into MISIL Y-Gate. The TMAPS to MISIL is a point-to-point transfer, and is not shown in the figure). FMS-unique DIC X04 requisitions from TMAPS are spooled off to a file and manually batch uploaded into SCES. Follow-on supply and shipment status from TMAPS follow the Y-Gate logic resulting in these documents being routed to SCES via Transaction Services.

(6) Transaction Services translates MILSTRIP to DLMS and routes the passing orders and follow-up documents to SCES. XDNs are routed as pass-through. SCES runs the FMS validation process, converts the A3\_ to A0\_, updates the RIC, fund code, and distribution code (if required), and books the orders in the SCES ERP.

(7) Not shown in the figure. SCES transmits the order as a DLMS 511R to the SoS for fulfillment. For supply and shipment status, Transaction Services uses the distribution code to route these documents to SCES or MISIL. Similarly, for Interfund, Transaction Services uses the fund code to route these documents to SCES or MISIL.



f. **Alternatives.** A number of alternative Y-Gate approaches were discussed, including SCES implementing the Y-Gate, and Transaction Services implementing the Y-Gate. It was quickly determined that DSADC was the right organization since all the MILSTRIP documents were already flowing into MISIL, the MISIL processing with Transaction Services is highly reliable, and DSADC had the expertise with processing DOD supply system transactions to make the necessary changes.

**5. REASON FOR CHANGE:** This DLMS change documents the Y-Gate interim state logistics routing Solution since it deviates from standard MILSTRIP procedures.

**6. ADVANTAGES AND DISADVANTAGES:**

a. **Advantages:** The Y-Gate solution provides 100 percent transparency of the routing from the viewpoint of the FMS purchaser. In addition, there is no custom coding required by Transaction Services, only configuration of communication routing identifier (COMMRI) routing assignments. The solution approach is elegant in that it leverages the coding schemes available in MILSTRIP. The solution analysis can be attributed to the collaborative design sessions that took part with NAVSUP WSS, DSADC, DSCA, DLMSO, Transaction Services, and the SCES Program PMO and ERP developer, all contributing to the final analysis.

b. **Disadvantages:** The MISIL part of the Y-Gate solution will have to be implemented by CISIL and SAMIS to support the Army and Air Force increments, respectively. This disadvantage was considered less risky than having SCES implement the Y-Gate.

**7. ASSUMPTIONS USED OR WILL BE USED IN THE CHANGE OR NEW DEVELOPMENT:** NAVSUP WSS and SCES PMO will assess the impacts of any changes on the interim state solution if triggered by new requirements and for future increments of SCES.

**8. ADDITIONAL COMMENTS TO CONSIDER:** The interim solution was thoroughly tested in October 2014 to include the customer initiated MILSTRIP/XDN transactions and routing of statuses from sources of supply (e.g., DLA) to SCES. The interim solution was retested in May 2015 in anticipation of a go-live in June, which did not occur. Additional retesting may be repeated to confirm the solution prior to go-live.

**9. ESTIMATED TIME LINE/IMPLEMENTATION TARGET:** Initial deployment of SCES is scheduled for fiscal year 2016, first quarter.

**10. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE:** Cost savings for the Navy are not available at this time. No additional costs are imposed on Transaction Services.

**11. IMPACT:**

a. **DLMS Data Elements:** There are no new data elements associated with this change.

b. **Automated Information Systems (AIS):** Y-gate functionality has been incorporated into DSAMS, MISIL, and SCIP.

c. **Transaction Services:** This change requires no programming changes at Transaction Services or modification to transaction formats. COMMRI configuration updates are required to ensure proper routing of SCES-directed Y-gate transactions.

d. **Non-Defense Logistics Management Standards Publications:** DSCA will update the Security Assistance Management Manual (E-SAMM C6.4.10) to document new procedures as necessary under the interim state logistics routing solution.