



Meeting Attendance

For attendance, Primary and Alternate SDR PRC Members provide your name and organization in the Zoom chat window

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Meeting will commence at 0830 EST



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The Nation's Combat Logistics Support Agency

Supply Discrepancy Report Process Review Committee

Mr. Ben Breen
DoD Supply Discrepancy Administrator
Defense Enterprise Data Standards Office
(DEDSO)
May 9, 2024



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DEDSO Overview

MISSION

The Defense Enterprise Data Standards Office (DEDSO) develops, publishes, and maintains interoperable data standards for logistics business systems to facilitate auditability and support the reform initiatives of the Department of Defense and Trading Partners.

VISION

To deliver processes and quality data standards that exemplify Accuracy, Conformity, Consistency, and Integrity to our Logistics Community.





Supply Discrepancy Report PRC Agenda May 9, 2024

Timeline

Agenda Item & Speaker

0815-0830 (15 min)	Welcome, Admin, & Introductions Mr. Ben Breen, DoD Supply Discrepancy Administrator, DEDSO
0830-915 (45 min)	WebSDR Metrics and Proposed Status Codes – Mr. Ben Breen, DEDSO
915-1000 (45 min)	Draft PDC 1444A – Mr. Corbin Austin, DEDSO
1000-1015 (15 min)	Unrouteable SDRs – Mr. Corbin Austin, DEDSO
1015-1030 (15 min)	BREAK
1030-1100 (30 min)	LIN Segment Issue – Mr. Ben Breen, DEDSO
1100-1115 (15 min)	PDC 1446 FMS SDR and PQDRs – Mr. Ben Breen, DEDSO
1115-1130 (15 min)	Closing comments/Action Items – Mr. Ben Breen, DEDSO



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WebSDR Metrics and Proposed Status Codes

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WebSDR Metrics

Proposed Status Codes to Define Current Status of SDR

Open/Awaiting Disposition

- Interpreted to mean that no disposition/status reply codes have posted or a reply was used to indicate forwarding
- Valid Submission Type (Original)

Open/Pending Reconsideration

- Last Valid Transaction to Post 15 (Reconsideration)

Open/Pending Contested

- Last Valid Transaction to Post 50 (Contested)

Open/Awaiting Disposition After Follow Up

- Valid Submission Type 45 (Follow-up)
- Open/Awaiting Disposition after 1st Follow-up
- Open/Awaiting Disposition after 2nd Follow-up
- Open/Awaiting Disposition after 3rd Follow-up
- Open/Awaiting Disposition ALL Follow-up



WebSDR Metrics

Proposed Status Codes to Define Current Status of SDR

Validated/Disposition Provided

- Interpreted to mean that an SDR reply from shipper or the ICP has been provided
- Valid 11 with reply codes 100, 200 and 600
 - Except 103, 104, 107, 108 and 608
 - Exception for 107/108 is WMS/DSS Sites treat as Final Disposition
- Calculate the 00 date from the validated disposition date and determine if it falls within standard timeframes.
- Need to calculate impacts if a reconsideration was submitted back to an ICP and how to calculate the days to ensure SDR is not considered "late"
- Calculate the days that submitter took to send the reconsideration, based on the 11 reply they received, and then determine then if the ICP responds within 45/90 days.
- 504/Reconsideration will not reset the date of creation of the SDR for response time

SDR Cancelled by Initiator

- Valid Submission Type 01 (Cancellation)
- Move once 01 cancellation posts regardless of previous status.



WebSDR Metrics

Proposed Status Codes to Define Current Status of SDR

SDR Rejected

- Interpreted to mean that an SDR reply with one of the following reply codes has been posted
- Valid Submission 11 (Reply)
 - With 701-719 (except 716)
 - With 800 Series (look at 809/810)
 - With 900-Series Discrepancy Code(s) exception (936, 937)
 - These SDRs will move to a closed status after 60 days if no valid Correction (CO) or Reconsideration (15) posts after the above rejection codes.
 - FMS SDRs will move to a closed status after 120 days if no valid Correction (CO), Reconsideration (15), or (50) contested posts after the above rejection codes.
 - Doc. # starts with B, D, K, P, T- Sean to validate how he identifies FMS SDRs

ILCO Rejection

- Valid Submission 44 (ILCO Rejection)

SDR Closed – CN Closure

- Valid Submission Type CN (Closure Notification) with 410-412
- Calculate the time from the validated 11 response to when the CN is sent
 - If SCC is J/K DSS has 30 days to send CN, and 3 days for SCC L



WebSDR Metrics

Proposed Status Codes to Define Current Status of SDR

SDR Closed – Info Only

- Valid Submission Type 00 (Original)
 - With an Action Code “1H” or “3B”

SDR Closed After Rejected Status

- SDR Closed from rejected status

SDR Open – Interim Response Provided

- 11 with 103, (107, 108 To a Non DSS/WMS Site) 520, 521
- 104 (11 reply) and get a 321 (SU Transaction Type)- calculate this time, should not exceed 30 days
- 608 (11 reply) with 320 (SU Transaction Type)- calculate this time, should not exceed 30 days

SDR Closed - Invalid

- ***Invalid*** Submission Type 00 (Original)
- ***No valid*** Submission Type 00 (Original) (*Need to review this one to see if we exclude these from metrics entirely*)
- *By system ID (i.e. WMS, ILS-S)*
- *Not recorded in metrics table*





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Draft Proposed DLMS Change 1444A

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May 9, 2024



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Addendum to ADC 1444, Exception for Mandatory Supply Condition Code

- Prior to ADC 1444

- WebSDR did not prevent a DLMS 842A/W SDR transaction from processing and being routed to the action activity when the transaction contained an invalid Supply Condition Code (SCC), or the SCC was missing. This resulted in subsequent rejections and errors in SDR processing systems.
- WebSDR did not edit SDRs for subsequent changes to the original document number. This was problematic since the document number must be static throughout the life of an SDR and must not be changed. Since the original SDR is populated with the document number input by the submitter, any subsequent transaction by the submitter or action activity trying to change the document number caused system errors and confusion by end users trying to work the SDR.



Addendum to ADC 1444, Exception for Mandatory Supply Condition Code

- Impact of ADC 1444

- WebSDR requires a valid SCC value be populated in the DLMS 842A/W SDR transaction. If not populated, WebSDR will reject with a 928-reply code.
 - SCC must be populated with values equal to: A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, S, T, V, W, or X.
 - Type 5 SDRs must provide both the SCC “From” and the SCC “To”.
 - This portion of the ADC has not been implemented at DAAS WebSDR
- WebSDR rejects transactions changing the document number in SDR transactions. If any transaction attempts to process or update a SDR with a different document number other than what was on the original (00) SDR, then WebSDR rejects the transaction with a 910-reply code.
 - This portion of the ADC has been implemented.



Addendum to ADC 1444, Exception for Mandatory Supply Condition Code

- Impact of PDC 1444A
 - The proposed change will address exceptions concerning Document Type Code 6, 7, V, and W. It will also update the DLMS 842A/W SDR notes for the Supply Condition Code data element for clarification.
- Potential Course Of Actions (COAs)
 - COA 1
 - Do not require a SCC to be populated on the DLMS 842A/W SDR transaction based on document type (6, 7, V, and W).
 - Rationale: Is this stock actually suspended in location?
 - COA 2
 - Do not require a SCC to be populated on the DLMS 842A/W SDR transaction based on the SDR reporting total non-receipt and specific discrepancy codes. We would need to determine which Shortage or Nonreceipt discrepancy codes (S3, S4, S5, S7, S8) to include in the exception.
 - Rationale: Material which is short or not received can't be placed in a SCC.





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Unrouteable SDRs

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Unrouteable SDRs

- What is an unrouteable SDR?
 - A SDR not assigned to a system which is routed via email to the Component PRC Representative(s) or a delegate(s)
 - Currently these are sent at time of receipt at DAAS WebSDR.
- DAAS is currently developing a monthly report to capture these SDRs. The report will aid in identifying the initiator and the number of unrouteable SDRs the initiator submitted for the month.
 - This report will be in addition to the email notification at time of receipt at DAAS WebSDR.
- The report will be used to identify initiators who would benefit from SDR training which would hopefully lead to a reduction in the number of unrouteable SDRs/emails.





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LIN Segment Issue

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LIN Segment Issue

- Background Information

- On the DEDSO Implementation Convention (IC) webpage, the 842A/W IC has very specific data element mapping regarding data carried in the LIN, which are counter to the X12 design.
- It has been brought to our attention that WebSDR translator is populating information on outgoing SDR transactions through the LIN30/31 Qualifier/Data Pair (which is the way standard X12 should work).
- However, the IC only specifies data elements through LIN09, and the DLMS IC makes it look like very specific Qualifier/Data Pairs can only be placed in specific LIN positions 01-09.



LIN Segment Issue Cont.

- USAF ILS-S System Response

- Is your SDR system programmed only to send/receive data through LIN09? No, ILS-S can receive from all areas.
- If so, does your system just drop information if it is received in any LIN position past LIN09?
- Is your SDR system programmed to only receive specific entries in LIN 01-09, for example the NSN only in LIN02/03, or Commodity Name only in LIN08/09? No, ILS-S captures based on the qualifier code. No, ILS-S captures based on the qualifier code.



LIN Segment Issue Cont.

- EBS Response

- Is your SDR system programmed only to send/receive data through LIN09? Yes
- If so, does your system just drop information if it is received in any LIN position past LIN09? Anything past LIN09 does not get mapped
- Is your SDR system programmed to only receive specific entries in LIN 01-09, for example the NSN only in LIN02/03, or Commodity Name only in LIN08/09? Yes
- If yes, please provide your current Qualifier/Data Pair mapping logic.
 - LIN03 values are mapped when following qualifiers are found in LIN02: FS, SW, MG, ZZ
 - LIN05 values are mapped when the following qualifiers are found in LIN04: MG, ZB
 - LIN07 values are mapped when the following qualifiers are found in LIN06: MG, ZB
 - LIN09 values are mapped when the following qualifiers are found in LIN08: MG, ZB



LIN Segment Issue Cont.

- GSA Response

- Is your SDR system programmed only to send/receive data through LIN09? No
- If so, does your system just drop information if it is received in any LIN position past LIN09? N/A
- Is your SDR system programmed to only receive specific entries in LIN 01-09, for example the NSN only in LIN02/03, or Commodity Name only in LIN08/09? Comment: Yes
- If yes, please provide your current Qualifier/Data Pair mapping logic.



LIN Segment Issue Cont.

- GSA Response cont.

- **(Step1)** : Below is how Mule API parses "productIdQual" and "productId" from DLA request XML.

- "productIdQual" - is determined based on the logic below:

- T_Nonconformance_Report_842AW.L_Hierarchical_Level.S_Item_Identification.E_Product_Service_ID_Qualifier

- if (E_Product_Service_ID_Qualifier == 'FS' AND E_Product_Service_ID_Qualifier_1 != 'MG') then 'FS'

- else (E_Product_Service_ID_Qualifier == 'MG' AND E_Product_Service_ID_Qualifier_1 == 'FS') then 'FS'

- else (E_Product_Service_ID_Qualifier == 'FS' AND E_Product_Service_ID_Qualifier_1 == 'FS') then 'FS'

- else if (E_Product_Service_ID_Qualifier == 'FS' AND E_Product_Service_ID_Qualifier_1 == 'MG') then 'MG'

- else if (E_Product_Service_ID_Qualifier == 'MG' AND E_Product_Service_ID_Qualifier_1 == 'MG') then 'MG'

- else if (E_Product_Service_ID_Qualifier == 'MG' AND E_Product_Service_ID_Qualifier_1 != 'FS') then 'MG'

- else 'MG'

- **"productId"** - value is dependent on "productIdQual" value:

- if (productIdQual == 'FS') then E_Product_Service_ID or E_Product_Service_ID_1 (related service id's value will assigned)

- else if (productIdQual == 'MG') then then E_Product_Service_ID or E_Product_Service_ID_1 (related service id's value will assigned)



LIN Segment Issue Cont.

- LMP Response

- Is your SDR system programmed only to send/receive data through LIN09? Army LMP: No but we do require a value in LIN 2-8
- If so, does your system just drop information if it is received in any LIN position past LIN09? Yes, Currently there is no mapping by qualifiers in our rules engine
- Is your SDR system programmed to only receive specific entries in LIN 01-09, for example the NSN only in LIN02/03, or Commodity Name only in LIN08/09? Yes, Mapping done via qualifier per LIN segment to fields in SAP table.



LIN Segment Issue Cont.

- LMP Response Cont.

If yes, please provide your current Qualifier/Data Pair mapping logic.

DLMS 842 Qualifier	Description	SAP Table	Field Name
FS MG OR	CAGE CODE	QMEL	MATKL (CAGE)
ZB ZZ OR	MANUFACTURER PART NO	QMEL	ZZMFRSPARTO
F7	END ITEM ASSEMBLY NO	QMEL	ZZEND_ITEM
F8	NEXT HIGHER ASSEMBLY	QMEL	ZZNEXTHIGHERASS
ZB	MANUFACTURER CODE	QMEL	ZZMFRSCODE



LIN Segment Issue Cont.

- PDREP Response

- PDREP will receive data in the LIN line through the whole line. PDREP only sends out a maximum of four codes at a time. If I recall it is either: FS, MG, CN, and MN, or ZZ, MG, CN, and MN. Because we're only ever sending out up to four of these values, we have programmed specific codes to go into specific positions:
 - FS or ZZ for LIN02/03
 - MG for LIN04/05
 - CN for LIN06/07
 - MN for LIN10/11 (so we skip LIN08/09 since it doesn't have this qualifier in the previous options)
- N/A, PDREP doesn't drop any elements after LIN09
- No, PDREP will receive any qualifier and value pair, regardless of their LIN position



LIN Segment Issue cont.

WMS Response

- Currently we are mapping our Product/Service ID to the LIN02 – LIN05 Segments in the SDRITEM level on the 842AW/R transaction
 - a. ZZMATNR LIN (HL/0200)
 - i. LIN02 | LIN03
 - b. ZZCOMMODITY_NAME- LIN (HL/0200)
 - i. LIN04 | LIN05
 - c. ZZSTOCK_NUMBER - LIN (HL/0200)
 - i. LIN02 | LIN04 | LIN05
 - d. ZZCAGE_CODE - LIN (HL/0200)
 - i. LIN04 |LIN05
- Yes, our system is programmed to only receive the below data within the idoc (both 842AW/R are the same) -Logic below
 - i. NSN (FSC + NIIN) – LIN 02 | 03
 - 1. Map LIN03 value from LIN segment, containing value - LIN02 = (FS or ZZ or MG)
 - ii. NIIN – LIN02 | LIN04 | LIN05
 - 1. Map LIN05 value from LIN segment, containing value - LIN02 = SW and LIN04 = FS
 - iii. Nomenclature (Commodity Name) – LIN 04 | 05
 - 1. Map LIN05 value from LIN segment, containing value - LIN04 = CN
 - iv. Cage Code- LIN 04 | 05
 - 1. Map LIN05 value from LIN segment, containing value - LIN04 = ZB





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Proposed DLMS Change 1446

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May 9, 2024

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PDC 1446 FMS SDRs submitted as PQDRs

- Background Information

- Per Defense Logistics Manual (DLM) 4000.25, Volume 2, Chapter 17 (reference a.), SA customers currently report product quality related deficiencies as Supply Discrepancy Reports on SF 364's, to their supporting ILCO for initial screening. The ILCO in turn continue processing these quality deficiencies through the SDR process.
- While the SDR process has provided SA customers and ILCO with a systemic method for submitting product quality deficiencies, the SDR and PQDR processes have been designed to document findings and communicate in different ways. Examples of additional PQDR investigative details include but are not limited to the following: The requirement to detail the root cause; identify the entity responsible for the deficiency; corrective and preventative actions taken; as well as whether stock screening or alerting other supply activities is required.



PDC 1446 FMS SDRs submitted as PQDRs

- Background Information continued.
 - Unlike SDRs, PQDRs often require special testing to validate the reporting and determine the root cause of the deficiency. Action Points rely on the outside support of vendors who supplied the materiel, Defense Contract Management Agency (DCMA), test centers, and Engineering Support Activities (ESA) to assist with these portions of the investigation. While not all Support Points, like ESAs, utilize the PQDR process to inform about their findings, others such as DCMA depend on the PQDR process's ability to communicate not only investigative findings, but request material be sent to vendor locations for investigative testing and analysis.



PDC 1446 FMS SDRs submitted as PQDRs

- PDC BLUF:

- This change will standardize and document the Product Quality Deficiency Report (PQDR) logistics process across the Department of Defense. Standardization will improve communication between International Logistics Control Office (ILCO) and Action Activities, further referred to as Action Points; increase investigative data sharing; and improve the accuracy of supplier risk performance reporting to the Supplier Performance Risk System (SPRS).
- Once the DLMS 842P PQDR exchange is fielded (reference 10.a.) this change requires the ILCO to take quality related deficiencies reported by Security Assistance (SA) customers on SDRs and submit them through a DLMS-compliant PQDR application using the DLMS 842P Implementation Convention (IC). Subsequent Proposed DLMS Change (PDC 1446A) will be written to align Foreign Military Sale (FMS) customer SDR and PQDR procedures with this change.
- This change will not affect the way DoD Security Assistance (SA) customers report quality related deficiencies to the ILCO resulting from the Foreign Military Sales (FMS) program.





Closing Comments/Action Items

- Action Items
- Closing remarks