OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
3500 DEFENSE PENTAGON
WASHINGTON, DC 20301-3500

MEMORANDUM FOR PRODUCT QUALITY DEFICIENCY REPORT PROCESS
REVIEW COMMITTEE

SUBJECT: Approved Defense Logistics Management Standards Change 1007E, Defense Logistics Management Standards 842P Procedures, Business Rules, Data Elements and Coding Updates

       The Defense Logistics Management Standards change, as outlined in the attachment, is approved for implementation.

       Addressees may direct questions to Mark Rockwell, e-mail: DEDSO.PQDR@dla.mil. Others must contact their designated PRC representative available at https://www.dla.mil/Defense-Data-Standards/Committees/Contacts/.

Leigh E. Method, SES
Deputy Assistant Secretary of Defense
   for Logistics

Attachment
As stated

cc:
OUSD(C)
DLA J6DS

Approved Defense Logistics Management Standards Change 1007E Defense Logistics Management Standards 842P Procedures, Business Rules, Data Elements, and Coding Updates

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. <u>Technical POC</u>:

    (1) Defense Logistics Agency, Logistics Operations, Makeya Porter, 703-223-3446, makeya.porter@dla.mil.

    (2) Product Data Reporting and Evaluation Program - Automated Information System (PDREP-AIS): Naval Sea Logistics Center, Elizabeth Woodbury, 207-438-6527, elizabeth.a.woodbury3.civ@us.navy.mil.

    (3) Joint Deficiency Reporting System (JDRS): Naval Air Systems Command, Brian McCabe, 732-323-1683, brian.d.mccabe4.civ@us.navy.mil.

b. <u>Functional POC</u>:

    (1) Defense Logistics Agency, Logistics Operations, Steven Nace, 571-477-4194, steven.nace@dla.mil.

    (2) Headquarters, Army Materiel Command, Marc Saperstein, 973-769-6410, marc.d.saperstein.civ@army.mil.

    (3) Headquarters, United States Marine Corps, Chief Warrant Officer (CWO5) Jason Pierce, 571-256-7127, jason.m.pierce@usmc.mil.

    (4) Naval Supply Systems Command, Jared Trinkaus, 484-515-2504, jared.s.trinkaus.civ@us.navy.mil.

    (5) Headquarters, United States Air Force, John Wright, 703-697-5238, john.wright.45@us.af.mil.

    (6) Defense Contract Management Agency, Phil Wedgie, 804-536-6638, Philip.wedgie.civ@mail.mil.

2. REASON FOR CHANGE: **Significant changes after staffing the proposed change are in green shade.** To establish the business rules, data elements, and codes required to fully program the Department of Defense (DoD) automated information systems (AISs) listed in Paragraph 5.b. to fully implement the Defense Logistics Management Standards (DLMS) 842P transaction set and increase use of Product Quality Deficiency Reports (PQDR) data analytic capabilities.

    a. <u>Bottom Line Up-Front</u>: This change updates, clarifies, and expands upon the DLMS 842P PQDR Data Exchange Implementation Convention (IC), associated business rules, data elements, codes, and procedures for the systemic processing of PQDRs.

b. **Background:** The Approved DLMS Changes (ADCs) referenced in Paragraph 10 have incrementally provided improvements to the DLMS 842P PQDR Data Exchange IC. However, these changes have not provided the full scale of business rules necessary to fully program applicable AISs for DoD PQDR processing.

3. CHANGE IN DETAIL:

a. **Technical Details:** This change includes the following with more specific details provided in Enclosures 1, 3 and 4:

(1) Transaction Set Purpose Code citations have been moved from Reference 10.f. to a newly created section within Reference 10.g. This move reorganizes the structure of information in both references to allow Reference 10.f. to be more procedural for end users while Reference 10.g. provides more AIS specific information and business rules.

(2) Transaction Set Purpose Codes have been reviewed in their entirety and revised, where needed, to inform which PQDR processing point may populate and update a specific transaction. The Transaction Set Purpose Code uses, and definitions have been updated while also establishing newly created business rules needed to support AIS programing.

(3) This change establishes new 842P specific data elements and associated codes, further described in Section 12.a. of this change and Enclosure 4. These new codes will allow for increased data analytic capabilities and provides recipients of specific Transaction Set Purpose Codes with a high-level purpose or reason for the communication.

(4) Incorporates the description of the PQDR investigative closing data elements and Summary Code into Reference 10.f. Additionally, these data elements and their corresponding codes been added to Reference 10.g., where they will replace Reference 10.i. as the authoritative document for these codes. The investigative closing codes provide specific details about the findings of the investigation. Together these codes make up seven segments of investigation related data forming a nine-character code referred to as the Summary Code. These closing data elements were already incorporated into Reference 10.h. as part of Reference 10.a.

(5) The procedures located in Reference f. have been significantly updated to provide end users with more detailed guidance on the transactional processing and information control requirements for PQDRs. It also expands upon both the purpose and functional requirements of PDREP-AIS as the being the DoD quality system of records as established in Reference 10.e. More specific changes to Reference 10.f. can be found in Enclosure 3.

b. **Revised Transaction Flow:** See Enclosure 2.

4. IMPLEMENTATION TARGET: The initial implementation target prescribed in
Reference 10.f. could not be executed by PQDR processing systems due to missing business rules. This change implements the business rules required for system programming and restarts the phased implementation as follows:

TASK	ESTIMATED DURATION	ESTIMATED COMPLETION
Develop Detailed Requirements (DR)	12 weeks	12 weeks
Design	2 weeks	14 weeks
Development	44 weeks	58 weeks
Internal System Test	16 weeks	74 weeks
Integrated System Test	12 weeks	86 weeks
Product Delivery	4 weeks	90 weeks
Release to Production - 2 days (Saturday/Sunday weekend maintenance window)	2 days	90 weeks, 2 days

5. TECHNICAL IMPACT:

    a. **Additions or Changes to Data Elements:** See Enclosure 1.

    b. **Automated Information Systems (AIS):**

        (1) Product Data Reporting and Evaluation Program (PDREP).

        (2) Joint Deficiency Reporting System (JDRS).

        (3) Enterprise Business System (EBS).

    c. **Defense Automatic Addressing System (DAAS):** DAAS will route transactions to the appropriate activity identified to receive the transactions.

6. PUBLICATION/POLICY IMPACT:

    a. **Defense Logistics Manual (DLM) 4000.25:** Update DLM Volume 2, Chapter 24, Product Quality Deficiency Reporting and Appendix 7.27 Product Quality Deficiency Report Relevant Data Elements as shown in Enclosures 3 and 4.

    b. **Non-DLM 4000.25 Publications:** Updates to the following publications may be required, in addition to local military service and defense agency guidance:

        (1) DLAR 4155.24/AR 702- 7/SECNAVINST 4855.21/AFI 21-115/DCMA INST 1102, PRODUCT QUALITY DEFICIENCY REPORT PROGRAM, August 1, 2022

        (2) SECNAVINST 4855.3, (ASN (RD&A)) PRODUCT DATA REPORTING AND EVALUATION PROGRAM, December 21, 2018

(3) DoDI 5000.79, Defense-Wide Sharing and Use of Supplier and Product Performance Information (PI), October 15, 2019

7. ASSUMPTIONS: System-to-system testing will be necessary for DAAS and all applicable systems programing to this change prior to being released to end users for use.

8. FINANCIAL IMPROVEMENT AND AUDIT REMEDIATION (FIAR), MATERIAL WEAKNESS, AND AUDIT-RELATED INFORMATION:

    a. <u>Notices of Findings and Recommendations (NFR</u>): None identified.

    b. <u>Corrective Action Plan (CAP) References</u>: None identified.

    c. <u>Other FIAR, Material Weakness, and Audit-Related Information</u>: None identified.

9. END-TO-END TESTING REQUIREMENTS:

    a. JDRS, PDREP and EBS will develop a test plan to ensure all functional and systemic requirements documented in this change will be tested as set forth in the above timeframe for implementation.

    b. DAAS will also route and transmit transactions to the activities identified to receive the transactions.

10. REFERENCES:

    a. Approved DLMS Change (ADC) 1007, New DLMS 842P, PQDR Data Exchange and Enhanced Exhibit Tracking via Standard Logistics Transactions, October 1, 2012

    b. ADC 1007A, Enhanced Pre-positioned Materiel Receipt (PMR) Data for PQDR Exhibit Tracking, February 27, 2013

    c. ADC 1007B, Administrative Update to the DLMS 842P Product PQDR Data Exchange (Supply/Deficiency Reporting), July 18, 2013

    d. ADC 1007C, Code Updates to the DLMS 842P PQDR Data Exchange (Supply/Deficiency Reporting) July 31, 2014

    e. ADC 1007D, PQDR Establishment, PQDR System Structure Change, and Code Updates to the DLMS 842P PQDR Data, December 16, 2020

    f. DLM 4000.25, Volume 2, Chapter 24, Product Quality Deficiency Report, current version

    g. DLM 4000.25, Volume 2, Appendix 7.27 Product Quality Deficiency Report (PQDR) Relevant Data Elements, current version

    h. DLMS Implementation Convention 842P, February 12, 2021

i. DLAR 4155.24 DLAR 4155.24/AR 702- 7/SECNAVINST 4855.21/AFI 21-115/DCMA INST 305, PRODUCT QUALITY DEFICIENCY REPORT PROGRAM, October 19, 2018 (CAC Required)

11. PDC 1007E RESPONSE/COMMENT RESOLUTION:

	Component	Response/Comment	Disposition
1.	ODASD (Logistics)	Concurrence by signing PDC.	As noted.
2.	USASAC	Concur	As noted.
3.	US Navy	Concur with comments: 1. AP7.27.4 (AP7.27.4.1-.3) is unnecessary as no systems use these codes. Concur to delete as requested. 2. AP7.27.1.3.6: The committee has not defined what an Alternate Support Point is and the business processes related to this role. Unless the business process is further defined, Alternate Support Point cannot be added to the process. 3. AP7.27.1.3.6/ AP7.27.1.3.7: The Transaction Set Purpose Code DA code needs to remain, but it should not be used to create multiple support points (see comment 2 above), at least not as the business process currently exists. Another transaction type would be required if the intention is to document the involvement of another activity providing information back to the Support or Action Point.	DEDSO Response: 1.Updates complete. 2. AP7.27.1.3.6. states: Delegate to Alternate (Delegate to Alternate Support Point) (Transaction Set Purpose Code DA). Used to document Action Point or responsible Support Point delegation to an entity that does not support PQDR investigations through a PQDR IS, such as Engineering Support Activities (ESA). 3. The use of this code to add another Support Point without changing the existing Support Point was not part of this change. This was existing language that already existed in the DLMS 842P IC. AP7.27.1.3.6. was updated to reflect what was in the existing DLMS note.

		4. Clarification required: 1/BNR01/0200, 47 Transfer DLMS Note: Used to redirect a PQDR to another Screening Point, Action Point, or Support Point within the component due to major data element changes when the Screening Point determines that a cancellation is not a preferred resolution. a. PDREP question - For 'Transfer within Action Point' - is this within PDREP only or is this a status change that will be a received as an update from EBS or JDRS?	4. No change. None of the definitions of the set codes or how they are to be used were part of the change. All that was updated regarding set codes was who could use/update certain codes. All comments outside of the changes to who can use the set code is outside of the scope for this review. a. No change. Out of scope for this change.
		5. Clarification required: 1/BNR01/0200, 08 Status; DLMS Note: Used to acknowledge that a PQDR was received and provide the status to the previous point. Originators are required to execute this transaction set within 24 hours of discovery from Category I and three calendar days of discovery from Category II PQDRs. a. PDREP Question: Originators do not acknowledge receipt. This requires further clarification.	5. Concur. Originator wording and requirement removed from the DLMS note.
		6. Navy is formally recommending in their reply that no codes specific to PQDR be removed that are not noted by Navy above. Other system components can choose not to use codes, but unless agreed by all system components, a code should not be removed without further discussion and concurrence.	6. Navy concurred to removing set code 06, as discussed in a meeting held on April 10, 2023. If Navy has changed, then the removal of set code 06 will need to be added to a future PDC.
		7. PDC 1007E states "inter-service transactions" several times throughout, however, it is not clearly defined. Please provide a clear definition of inter-service transactions. A clear definition is required since there are several transactional restrictions required for inter-service transactions. Without the full scope of this term, accurate programming and implementation cannot occur.	7. During ADC development, the Army wanted the flexibility to change portions of the PQDR process for PQDRs that existed 100% within the Army. Example: The set code CO states: For inter-service PQDRs, the Originating Point may only submit this transaction to the Screening Point. This verbiage was added so

			that PQDRs within the Army "intra-service" could allow Originators to communicate outside of the swim lane business rules agreed upon for "inter-service" PQDRs.
4.	US Air Force	Concur.	As noted.
5.	US Army	Concur with comments: 1. Proposed revisions for the 842P Implementation Convention can be found in Enclosure 1, Attachment 1. (See attached) 2. Proposed revisions Revised DLM 4000.25, Volume 2, Chapter 24 and Appendix 7.27, Product Quality Deficiency Report Relevant Data Elements can be found on Enclosure 1, Attachment 2. (See attached) 3. See ADC 1007E Enclosure 6 for Army Updates to the Change Table.	DEDSO Response: 1. See enclosure 6. Updates completed. 2. See enclosure 6. Updates completed. 3.Updates completed. See enclosure 6. Note: TACOM comments deemed pertinent for implementation meetings.
6.	USMC	Concur with comments: 1. Would like to see an overall time limit table for PQDRs. It is in the different segments but would serve the user better if there was a table with all time limits. 2. It is important the time limit be I the DLMS or we will have no accountability on the Action or Support point.	DEDSO Response: 1. DEDSO agrees but this would need to be in new PDC. 2. DEDSO agrees but this would need to be in new PDC.
7.	DLA	Concur with comments: 1. Proposed revisions for the 842P Implementation Convention can be found in Attachment 3. 2. Proposed revisions for Revised DLM 4000.25, Volume 2, Appendix 7.27 can be found at Attachment 4. 3. See ADC 1007E Enclosure 5 for DLA Updates to the Change Table.	DEDSO Response: 1. See enclosure 5. Updates completed. 2.See enclosure 5. Updates completed. 3.Updates completed. See enclosure 5.

8.	DCMA	Concur with comments:	DEDSO Response:
		1. b (6) change From: Defense Contract Management Agency, Nathan Rentfrow, 804-638-4696, nathan.l.rentfrow.civ@mail.mil. To: Defense Contract Management Agency, Phil Wedgie, 804-536-6638, Philip.wedgie.civ@mail.mil	1. Update completed.
		2. Throughout the document it appears that Automated Information System (AIS) and the word system are used interchangeably other places it appears they are used for specific purpose o Suggest when adjudicating comments verify the usage of terms and change to a consistent lexicon.	2. Para 5.b. defines the AIS systems PDREP, JDRS, and EBS. These acronyms and the word "system" are used frequently and appropriately.

		3. 6.b. Non-DLM publications:
		   o Change or remove: (1) DLAR 4155.24/AR 702-7/SECNAVINST 4855.21/AFI 21- 115/==DCMA INST 305==, PRODUCT QUALITY DEFICIENCY REPORT PROGRAM, ==December 19, 2018==
		   o To: (1) DLAR 4155.24/AR 702- 7/SECNAVINST 4855.21/AFI 21-115/==DCMA INST 1102==, PRODUCT QUALITY DEFICIENCY REPORT PROGRAM, ==August 1, 2022==
			3. Change made to reflect DCMA INST 1102, August 1, 2022.
			
			Note: Yellow highlights are imbedded with the DLA comments and cannot be removed.

		4. There are two different C24.1.2. paragraphs. Recommend renumbering.	4. Change completed to reflect C24.1.2.1.
		5. C24.1.5. The term PDREP-AIS refers to both the overall business process and supporting automation, including both direct web input and transaction exchange. o Verify with PDREP, that PDREP-AIS refers to the overall business process.	5. DEDSO agrees and para C24.1.5 has been re-written for clarity. PDREP is the overall program and PDREP-AIS is the automated information system.
		6. C24.1.5.2 o From: PDREP will provide an automated process for tracking PQDR response information Data collected will enable the DOD to identify trends, establish volume and dollar values of PQDRs, bring management attention to problems with materiel quality and supplier performance information as necessary, and improve the requisitioning and distribution process within logistics operations. This provides an effective means to report, resolve, and measure deficiencies related to supply chain performance. One of the goals is to incorporate	6. ADC updated.

PQDR metrics to improve overall supply chain performance.

To: PDREP provides an automated process for tracking PQDR response information<mark>.</mark> Data collected will enable the DOD to identify trends, establish <mark>discrepancy</mark> volume, and dollar values of PQDRs<mark>.</mark> <mark>This allows users to</mark> bring management attention to problems with materiel quality and supplier performance information as necessary, <mark>improving</mark> the requisitioning and distribution process within logistics operations. This <mark>process</mark> provides an effective means to report, resolve, and measure deficiencies related to supply chain performance. ~~One of the goals is to incorporate PQDR metrics to improve overall supply chain performance.~~ <mark>[Either define all goals or remove the sentence]</mark>

7. C24.1.5.2.1. Access to PDREP PQDR management reports requires submission of a User Access Request (UAR) to the PDREP System home page.

    o <mark>Suggest moving up earlier in chapter right after PDREP introduction</mark>

8. C24.1.5.3.
    o From: The DOD requirement is that paper submission of PQDRs and non-DLMS compliant PQDR applications will be fully phased out with migration to DLMS. By exception, until electronic reporting under DLMS is universally available, PQDRs and associated responses may be reported via hard-copy SF 368, email, through customer service help lines or any other manner acceptable to the submitter and recipient. All manner of inter-service transactional reporting must meet the criteria described in this chapter.
    o To: The DOD requirement is that paper submission of PQDRs and non-DLMS compliant PQDR applications will be fully phased out with migration to DLMS. <mark>However,</mark> until electronic reporting under DLMS is universally available, PQDRs and associated responses may be reported via hard-copy SF 368, email, through customer service help lines or any other manner acceptable to the submitter and recipient.
    o <mark>[incorporate into Applicability" paragraph] All manner of inter-service transactional reporting must meet the criteria described in this chapter.</mark>

    <mark>Suggest moving up earlier in chapter right after C24.1.1</mark>

9. C24.2.1.

7. DEDSO agrees, and the sentence has been merged into C.24.1.5.1.

8. DEDSO does not agree with this comment since use of the word, "However" instead of "By Exception," has a material change in the meaning and intent of this paragraph. No change has been made to C24.1.5.3.

| | | o From: ~ The Action Point will either investigate the report or assign the report to a Support Point for investigation.

o To: ~The Action Point will either investigate the report or assign the report to a Support Point <mark>to assist with the</mark> investigation.

10. C24.2.2.

   o From: Detailed Requirement. When data is required to be exchanged across Component lines or between various AISs, there will be a data exchange process. …
   o To: <mark>Detailed Requirement. The process for inter-service data exchange or between various AIS is as follows; … or remove the sentence.</mark>

11. C24.2.3.1

o From: Which PQDR processing points may update any data element and at what point in the PQDR process is also defined in the DLMS 842P IC. For inter-Service PQDRs, communication both to and from Originators must only be sent to the Screening Point for evaluation regardless of transaction code. PQDR processing points can only directly communicate with the processing point directly preceding or following them. Additional business rules can be found in Appendix 7.27 of this volume.

o To: <mark>The DLMS 842P IC defines the PQDR processing points. Appendix 7.27 of this volume contains the PQDR processing business rules.</mark> | 9. ADC updated.

10. ADC updated.

11. DEDSO partially agrees with this comment and rewrote a portion of para C24.2.3.1 for added clarity, but most of the verbiage has remained intact. |

Enclosure 1

Revised 842P Implementation Convention (IC) Change Table

Additions are identified by *bold italics* and deletions by single strikethrough text.

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
1.	DLMS Introductory Notes	<u>Add ADC 1007E to DLMS Introductory Note 8:</u> *- ADC 1007E, DLMS 842P Systemic Processing, Transaction Business Rules and Coding Updates*	Identifies DLMS Changes included in the DLMS Supplement.
2.	1/BNR01/0200	<u>Update DLMS note(s) for existing codes 00, 03, 06, 08, **10,** 11, 22, 45, 47, CN, CO, DA, ER, FA, FS, RO and SU:</u> 00 Original DLMS Note: Used when the Originator forwards to the Screening Point. *Originators are required to execute this transaction set within 24 hours of discovery for Category I and three calendar days of discovery for Category II PQDRs.* 03 Delete DLMS Note: *Used by Screening Points and Action Points to request ownership of a PQDR to be transferred back to them.* **06 Confirmation** **DLMS Note:** *Used by an automated IT system to confirm transaction receipt from another system.* 08 Status DLMS Note: Used to acknowledge that a PQDR was received and provide current status to the previous point. 10 Not Found DLMS Note: Used by *Screening Point, Action Point or Support Point* to request status or follow up on a *missing* exhibit request, *exhibit shipment or exhibit receipt.* 11 Response DLMS Note: *Used when the Support Point completes their investigation and returns the PQDR to an Action Point and the Action Point does not exist within the same system.* 22 Information Copy DLMS Note: *Used to send information copy of PQDR to another system. Used for dissemination to non-action activities outside of the PQDR process in another system. Used to provide PQDR to other agencies with a need to know. All data fields should be sent to present the entire PQDR to the receiver.* 45 Follow-up DLMS Note: *A systemically generated transaction used to request a status when a processing point has not provided investigation status via interim reply or the like.* 47 Transfer	Clarify intended use of the qualifiers

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		DLMS Note: *Used to redirect a PQDR to another Screening Point, Action Point, or Support Point within the component due to major data element changes when the Screening Point determines that a cancellation is not a preferred resolution.* CO Corrected DLMS Note: Use to transmit a General Correspondence, information concerning the PQDR status from the sender to the receiver, or to send corrections with an explanation of changes. *For inter-service PQDRs, the Originating Point may only submit this transaction to the Screening Point.* CN Completion Notification DLMS Note: Used when the Action Point completes their investigation and returns the PQDR to a Screening Point *and the Screening Point does not exist within the same system.* DA Delegate to Alternate DLMS Note: Used by the responsible *Action Point or* Support Point to delegate to another Support Point without changing the responsible Support Point. 2. ASC X12 added this migration code in version/release 7010. ER Exhibit Receipt DLMS Note: *Used to document exhibit receipt. When the PQDR is located at the Action Point after acknowledgement level, only the Screening Point and Action Point may have use of this Transaction. After this point, either the Screening Point, Action Point or Support Point may transmit an exhibit receipt transaction.* FA Forward to Action Point DLMS Note: 1. Used when the Screening Point forwards a PQDR to an Action Point *and the Action Point does not exist within the same AIS.* FS Forward to Support DLMS Note: *1. Used when the Action Point forwards a PQDR to a Support Point and the Support Point does not exist within the same system.* RO Reopen DLMS Note: *Used when a PQDR is reopened by the system sending the transaction and a PQDR needs to be reopened in the receiving system. This transaction notifies other systems that a PQDR has been reopened by the Screening Point, or that the other PQDR processing points (Originator, Action, or Support Point) have requested that the PQDR to be reopened.* SU Status Update DLMS Note: *1.* Use to send an Update to correct or append specific data fields in another information system. Used to disseminate information to other process points. *2. This element may be populated/updated by the Screening Point, Action Point or Support Point.*	

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
3.	2/LIN02/0200	Update DLMS Note to the following existing codes FS, FT, NN, SW and ZZ: FS National Stock Number DLMS Note: 1. Use to identify the deficient Item NSN (or temporary Navy Item Control Number (NICN) of the nonconforming materiel. Equates to SF368, Block 5. 2. This element may be populated/~~updated~~ by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point can update this element.* FT Federal Supply Classification DLMS Note: 1. Use to identify the 4 character FSC portion of the NSN for the nonconforming materiel. FSC or National Item Identification Number (NIIN) is required when entire NSN is unavailable. If FSC is provided, the manufacturer's part number and CAGE code must also be provided. 2. This element may be populated/~~updated~~ by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point can update this element.* NN National Item Identification Number DLMS Note: 1. Use to identify the 9 character NIIN portion of the NSN for the nonconforming materiel. FSC (in association with the manufacturer's part number and CAGE code) or NIIN is required when entire NSN is unavailable. 2. This element may be populated/~~updated~~ by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point can update this element.* 3. Qualifier NN is a migration code approved for use in X12 version 5020. SW Stock Number DLMS Note: 1. Use to identify a local stock number (LSN). The LSN is applicable when an NSN has not been assigned and the deficient item has been receipted under an LSN. 2. When an LSN is used, also provide manufacturer's part number and CAGE code. 3. This element may be populated/~~updated~~ by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point can update this element.* ZZ Mutually Defined DLMS Note: 1. Use to identify materiel when no other authorized codes apply (includes Management Control Numbers) (MCNs) and Navy Item Control Numbers (NICNs). 2. This element may be populated/~~updated~~ by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point can update this element.*	Clarify intended use of the qualifiers
4.	2/LIN10/0200	Update DLMS Note 2 to existing code W2: W2 Work Unit Number	Clarify intended use of the qualifiers

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		DLMS Note: 1. Use to identify the Work Unit Code (WUC) or Equipment Item Code (EIC) of the nonconforming item. USMC stores the Table of Authorized Materiel (TAM) code in this field. 2. This element may be populated/*updated* by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point can update this element.*	
5.	2/LIN14/0200	Update DLMS note 3 to existing code ZB: ZB Commercial and Government Entity (CAGE) Code DLMS Note: 1. Use to identify the Prime Contractors Code (CAGE) for the supplier of the nonconforming materiel. 2. Use the Qualifier ZB in the LIN segment as the primary means to identify the supplier of the nonconforming materiel. Use the Qualifier PG in the N1 segment to provide an address that is different than the address officially listed with the CAGE in Central Contractor Registry (CCR)/Business Identification Number Cross-Reference System (BINCS). 3. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.*	Clarify intended use of the qualifiers
6.	2/LIN16/0200	Update DLMS Note 2 to existing code F8: F8 Next Higher Used Assembly DLMS Note: 1. Use to identify the Next Higher Assembly NSN. Equates to SF368, Block 17a. 2. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.*	Clarify intended use of the qualifiers
7.	2/LIN18/0200	Update DLMS Note 2 to existing code GE: GE Generic Name Description DLMS Note: 1. Use to identify the Next Higher Assembly Nomenclature. Equates to SF368, Block 17b. 2. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.*	Clarify intended use of the qualifiers
8.	2/LIN20/0200	Update DLMS Note 4 to existing code EM: EM Equipment Identification Number DLMS Note: 1. Use to identify Next Higher Assembly Serial Number. Equates to SF368, Block 17d. 2. For the Deficient Item Serial Number (SF368, Block 11) refer to 2/LIN20/0200 Code SE in the IUID loop. For Engine Serial Number, refer to 2/LIN26/0200 Code SN in the report loop. For serial number of the End Item (SF 368, Block 18d), refer to 2/REF01/0700 Code SE in the report loop. 3. The serial number may not exceed 30 characters in accordance with IUID policy. 4. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.*	Clarify intended use of the qualifiers

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
9.	2/LIN22/0200	Update DLMS Note 2 to existing code PU: PU Part Reference Number DLMS Note: 1. Use to identify Next Higher Assembly Part Number. Equates to SF368, Block 17c. 2. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.***	Clarify intended use of the qualifiers
10.	2/LIN24/0200	Update DLMS note 2 to existing code GE: XZ Contractor Establishment Code DLMS Note: 1. Use to identify the Next Higher Assembly's CAGE associated with the next higher assembly's part number. 2. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.***	Clarify intended use of the qualifiers
11.	2/LIN26/0200	Update DLMS note 4 to existing code SE: SN Serial Number DLMS Note: 1. Use to identify the Engine Serial Number. This is a DLMS enhancement not specifically identified to an SF364 block number. 2. For the Deficient Item Serial Number (SF368, Block 11) refer to 2/LIN20/0200 Code SE in the IUID loop. For Next Higher Assembly Serial Number (SF368, Block 17d) refer to 2/LIN20/0200 Code EM in the report loop. For serial number of the End Item (SF 368, Block 18d), refer to 2/REF01/0700 Code SE in the report loop. 3. The serial number may not exceed 30 characters in accordance with IUID policy. 4. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.***	Clarify intended use of the qualifiers
12.	2/LIN28/0200	Update DLMS note 2 to existing code MN: MN Model Number DLMS Note: 1. Use to identify the Engine Model Number. 2. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.***	Clarify intended use of the qualifiers
13.	2/DTM01/0600	Update DLMS note for the following existing codes 002, 011, 094, 214, 512, 514, 516, 922, 947, and ABY: 002 Delivery Request DLMS Note: 1. Use to identify the Exhibit Requested Date. This is the date the exhibit was requested by the Action or Support Point. 2. This element may be populated/*updated* by the Originating Point, Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.***	Clarify intended use of the qualifiers

011 Shipped
DLMS Note: 1. Use to identify the Exhibit Shipped Date.
2. This element may be populated/~~updated~~ by any role. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*

094 Manufacture
DLMS Note: 1. Use to identify the Date of Manufacture.
2. This element may be populated/~~updated~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*

214 Date of Repair/Service
DLMS Note: 1. Use to identify the date the nonconforming item was repaired or overhauled.
2. This element may be populated/~~updated~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*

512 Warranty Expiration
DLMS Note: 1. Use to identify the Warranty Expiration Date.
2. Use in the Report Loop (HL01=RP) or in the applicable IUID Loop (HL01=I) if providing different warranty expiration dates for uniquely identified items.
3. This element may be populated/~~updated~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*

514 Transferred
DLMS Note: 1. Use to identify the Support to Action Date (also known as the Support Point Release Date). This is the date the PQDR was returned to the Action Point by the Support Point.
2. This element may be populated/~~updated~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*

516 Discovered
DLMS Note: 1. Use to identify the Date Deficiency was Discovered. This is the date when the deficiency occurred or was discovered by the originator. Equates to SF368, Block4.
2. This element may only be populated/~~updated~~ by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point may update this element.*

922 Original Receipt
DLMS Note: 1. Use to identify the date the nonconforming item was received by the Originator.
2. This element may be populated/~~updated~~ by the Originating Point or the Screening Point. *For inter-service transactions, only the Screening Point may update this element.*

947 Preparation
DLMS Note:
1. Use to identify the date the PQDR was completed by the originator and submitted to the Screening Point (also known as Submitted Date, Preparation Date, Originator Release Date, Screening Point receipt

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		date). This is the date the SF368 was filled out (completed). Equates to former Block 1c, Date Submitted, on the old version of the SF368. 2. This element may only be populated/*updated* by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point may update this element.* ABY Product Held Until DLMS Note: 1. Use to identify the Exhibit Hold Date. This is the date an item will be held until before disposition. 2. This element may only be populated/*updated* by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point may update this element.*	
14.	2/REF01/0700	Modify DLMS note for the following existing codes, remove code X3 and add code 2E: 17 Client Reporting Category DLMS Note: 1. Use to identify deficiencies as either Category I or II IAW the PQDR Joint Regulation. 2. DLA Audits are identified as CAT III (DLA only). 3. Enter value as I, II, or III as applicable. 4. This element may be populated/*updated* by the Originating Point, the Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.* **2E Foreign Military Sales Case Number** **DLMS Note: *1. Reserved for future use to identify FMS Case Numbers for FMS PQDRs.*** ***2. This element may only be populated or updated by the ILCO serving as both the Originating Point and the Screening Point.*** ***3. This qualifier must be used with the*** ***Military service FMS indicators as the first position of the RCN/Originating DoDAAC.*** ***B – Army FMS customer*** ***D – Air Force FMS Customer*** ***P – Navy FMS Customer*** ***K – Marine Corps FMS Customer*** 44 End Use Number DLMS Note: 1. Use to identify the End Item Type/Model/Series. This is the major weapons system with which the end item is associated. Equates to SF 368, Block 18c. 2. This element may be populated/*updated* by the Originating Point, the Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.* BY Repair Category Number DLMS Note: 1. Use to identify the nonconforming materiel as Item New or Repaired/Overhauled Code. 2. Enter 'N' for new, 'R' for Repaired, 'O' for Overhauled, or 'U' = Unknown.	Clarify intended use of the qualifiers, remove code and add new code.

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		3. This element may be populated/*updated* by the Originating Point, the Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.*** BZ Complaint Code DLMS Note: 1. Use to identify the PQDR originators Defect Code (also known as the Defect Attribute Code or Malfunction Code). This is the three-character code describing the defect reported by the originator. 2. This element may be populated/*updated* by the Originating Point or the Screening Point. ***For inter-service transactions, only the Screening Point can update this element.*** H6 Quality Clause DLMS Note: 1. Use to identify the Government Source Inspection Code. Y = Yes, N = No 2. Definition: Code used to indicate whether GSI is required. 3. This element may be populated/**updated** by the Originating Point, the Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.*** IQ End Item DLMS Note: 1. Use to identify the End Item NSN in RE02. Equates to SF 368, Block 18a. 2. Use to identify the End Item Nomenclature in REF03. 3. This element may be populated/*updated* by the Originating Point, the Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.*** K4 Criticality Designator DLMS Note: 1. Used to identify the item as a Critical Safety Item (CSI) or Critical Application Item (CAI). Use Cataloging Data and Transaction Standards, Volume 10, Multiple Applications References / Instructions / Tables and Grids, Table 181 'Y' to determine if the materiel is CSI/CAI. 2. Definition: Indicates whether the item is used in a critical application (end use). 3. This element may be populated/*updated* by the Originating Point, the Screening Point, or Action Point. ***For inter-service transactions, only the Screening Point or Action Point can update this element.*** K6 Purchase Description DLMS Note: 1. Use to identify whether the Item Under Warranty is still in effect, Warranty indicator may be Y = Yes, N = No, and U = Unknown. 2. Definition: Indicates whether the item is or is not under warranty, if known. 3. This element may be populated/*updated* by all processing points. ***For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*** PM Part Number DLMS Note: 1. Use to identify the End Item Part Number.	

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		2. This element may be populated/~~updated~~ by the Originating Point, the Screening Point, or Action Point. **For inter-service transactions, only the Screening Point or Action Point can update this element.**	

PO Purchase Order Number
DLMS Note: 1. Use to indicate the Purchase Order Number associated with deficient materiel.
2. Field size = 20.
3. This element may be populated/~~updated~~ by all processing points. **For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.**

QR Quality Report Number
DLMS Note: 1. Must use to identify the PQDR Report Control Number (RCN). It is comprised of the six-position originating activity DoDAAC, a two-digit calendar year, and a unique four-position serial number. Field length is 12, alpha numeric only.
2. This element may only be populated/~~updated~~ by the Originating Point *or Screening Point*. **For inter-service transactions, only the Screening Point can update this element.**

TG Transportation Control Number
DLMS Note: 1. Use to indicate the Transportation Control number.
2. Field size = 17.
3. This element may only be populated/~~updated~~ by the Originating Point *or Screening Point*. **For inter-service transactions, only the Screening Point and Action Point can update this element.**

TN Transaction Reference Number
DLMS Note: 1. Use to indicate the original document numbers under which the defective materiel was purchased, requisitioned, shipped, or reworked. When the original document numbers are unavailable, a reconstructed document number may be used.
2. If multiple document numbers are applicable, identify the first in the Report Loop (HL01=RP) and use a separate Document Number Loop (HL01=W) for each additional document number.
3. This element may only be populated/~~updated~~ by the Originating Point *or Screening Point*. **For inter-service transactions, only the Screening Point can update this element.**

U3 Unique Supplier Identification Number (USIN)
DLMS Note: 1. Use to identify the End Item Unique Item Identifier (UII). For the UII(s) applicable to the nonconforming materiel uses the IUID Loop (HL01=I).
2. The approved code/name is "UII - Department of Defense Unique Item Identifier.
3. The UII may not exceed 50 characters in accordance with IUID Policy.
4. This element may only be populated/~~updated~~ by the Originating Point *or Screening Point*. **For inter-service transactions, only the Screening Point can update this element.**

VW Standard
DLMS Note: 1. Use to identify the Standard Reporting Designator

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		(SRD) Code. 2. Definition: Air Force three-character code related to the end item of the deficient materiel. 3. This element may only be populated/*updated* by the Originating Point**, *Screening Point or Action Point*. *For inter-service transactions, only the Screening Point and Action Point can update this element.* ~~X3 Defect Code Number~~ ~~DLMS Note:~~ ~~Use to identify the PQDR Summary Code structured as follows:~~ *{Intervening Note text not shown}* ~~Current Disposition (13th position)~~ ~~SF368 Block 19: Use codes H-Holding Exhibit, D-Disposed of/Destroyed, R-Repaired, or O-Other.~~ ~~This field may only be populated and/or~~ **updated** ~~by the Originating Point~~ *~~or Screening Point~~*~~.~~ *~~For inter-service transactions, only the Screening Point can update this element.~~* ~~Action Requested (14th position)~~ ~~SF368 Block 21: Use codes C-Credit, R-Repair, E- Replacement, or O-Other~~ ~~This field may only be populated and/~~*~~or updated~~* ~~by the Originating Point~~ *~~or Screening Point~~*~~.~~ *~~For inter-service transactions, only the Screening Point can update this element.~~* PSM Credit Card DLMS Note: 1. Use to indicate payment by either Government purchase card or commercial credit card. Cite Y in REF02 when applicable. 2. This field may only be populated and/*or updated* by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point can update this element.*	
15.	2/REF03/0700	Update DLMS Note 2 DLMS Note: 1. Use to identify the generating-system report number from systems such as DLA- EBS, JDRS, or PDREP. *1.* This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element*. 3.Field size = 14.	Clarify intended use of the qualifiers
16.	2/REF04-01/0700	Update DLMS Note 2 to existing code W7: W7 Commercial and Government Entity (CAGE) Code DLMS Note: 1. Use to identify the End Item CAGE Code associated with the End Item Part Number (REF01 Code PM). 2. This element may only be populated/*updated* by the Originating Point**, *Screening Point or Action Point*. *For inter-service transactions, only the Screening Point and Action Point can update this element.*	Clarify intended use of the qualifiers

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17.	2/LQ01/1050	Update DLMS note for the following existing codes and add new codes ARC, BCD, CAT, CDC, DRC, DVC, FEC, GCP, IRC, PAT, P1C, P2C, PCC, PCD, PDD, PQC, PQR, PQS, RAC, and SDC: **ARC Action Requested Code** **DLMS Note:** *SF368 Block 21: Use codes C-Credit, R-Repair, E-Replacement, or O-Other This field may only be populated and/or updated by the Originating Point.* **1.** *A data maintenance action will be submitted to X12 to establish 'ARC – Action Requested Code' in a future version.* **BCD Broad Cause of Defect Code** **DLMS Note:** *Third position of the PQDR Summary Code. AKA Broad Cause Code.* **1.** *Definition: PQDR Joint Regulation code describing the cause of deficiency. See PQDR Joint Regulation for appropriate codes. This field may be populated/updated by the Support Point or the Action Point. The Screening Point may use the code if it is not their intention to forward the PQDR to an Action Point. Once the PQDR is forwarded to the Action Point, the Screening Point will not be able to populate/update Summary Code fields and will communicate with the Action Point through the rebuttal process for any updates/changes.* **2.** *A data maintenance action will be submitted to X12 to establish 'BCD – Broad Cause of Defect Code' in a future version.* **CAT Corrective Action Taken Code** **DLMS Note:** *Eighth Positions of the PQDR Summary Code. AKA Corrective Action Taken Code.* **1.** *Definition: Corrective action code taken as a result of the investigation. DLAR 4155.24 or Reference (g)for appropriate codes.* **2.** *This field may be populated/updated by the Support Point or the Action Point. The Screening Point may use the code if it is not their intention to forward the PQDR to an Action Point. Once the PQDR is forwarded to the Action Point, the Screening Point will not be able to populate/update Summary Code fields and will communicate with the Action Point through the rebuttal process for any updates/changes.* **3.** *A data maintenance action will be submitted to X12 to establish 'CAT – Corrective Action Taken Code' in a future version.* **CDC Current Disposition Code** **DLMS Note:** **1.** *SF368 Block 19: Use codes H-Holding Exhibit, D-Disposed of/Destroyed, R-Repaired, or O-Other.* **2.** *This field may only be populated and/or updated by the Originating Point.* **3.** *A data maintenance action will be submitted to X12 to establish 'CDC – Current Disposition Code' in a future version.* DE Signal Code DLMS Note: 1. Use to identify the Signal Code. 2. This element may only be populated/~~updated~~ by the Originating Point*, Screening Point or Action Point*. *For inter-service*	Clarify intended use of the qualifiers and add new codes.

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		transactions, only the Screening Point and Action Point can update this element. DG Fund Code DLMS Note: 1. Use to identify the Fund Code. This is the two position alpha/numeric code used to designate the billing method (interfund or non-interfund). When interfund billing is indicated, the fund code also indicates the fund account to be charged (disbursed) or credited (refunded). 2. This element may only be populated/~~updated~~ by the Originating Point*, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.* **DRC Deficiency Responsibility Code** **DLMS Note:** *First Position of PQDR Summary Code. AKA Defect Responsibility Code. Indicates the responsible/liable party for the deficiency. See PQDR Joint Regulation for appropriate codes. This field may be populated/updated by the Support Point or the Action Point. The Screening Point may use the code if it is not their intention to forward the PQDR to an Action Point. Once the PQDR is forwarded to the Action Point, the Screening Point will not be able to populate/update Summary Code fields and will communicate with the Action Point through the rebuttal process for any updates/changes.* *1. A data maintenance action will be submitted to X12 to establish 'DRC – Deficiency Responsibility Code' in a future version.* **DVC Defect Verified Code** **DLMS Note:** *1. Definition: Code used to indicate whether the defect actually existed as described. Use codes N-Defect not verified, O-Other Than reported, U-Unable to Test, Y-Defect Verified This field may be populated/updated by the Screening Point, Action Point, or the Support Point.* *2. A data maintenance action will be submitted to X12 to establish 'DVC – Defect Verified Code' in a future version* EQ Controlled Inventory Item Code DLMS Note: 1. Use to identify the Controlled Inventory Item Code. 2. This element may only be populated/~~updated~~ by the Originating Point*, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.* **FEC Final Exhibit Disposition Code** **DLMS Note:** *Ninth Positions of the PQDR Summary Code. AKA Final Exhibit Disposition Code.* *1. Definition: Code representing the current disposition of the exhibit. See DLAR 4155.24 or Reference (g)for appropriate codes.* *2. This field may be populated/updated by the Support Point or the Action Point. The Screening Point may use the code if it is not their intention to forward the PQDR to an Action Point. Once the PQDR is forwarded to the Action Point, the Screening Point will not be able to populate/update Summary Code fields and will communicate with*	

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		the Action Point through the rebuttal process for any updates/changes. **3. *A data maintenance action will be submitted to X12 to establish 'FEC – Final Exhibit Disposition Code' in a future version*** FD Demilitarization Code DLMS Note: 1. Use to identify the Demilitarization Code. 2. This element may only be populated/~~*updated*~~ by the Originating Point**, *Screening Point or Action Point*. *For inter-service transactions, only the Screening Point and Action Point can update this element.* **GCP Product Quality Deficiency Report General Correspondence Purpose Code** *DLMS Note: 1. Use to identify the Product Quality Deficiency Report General Correspondence Purpose Code* *2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.* *3. A data maintenance action will be submitted to X12 to establish 'GCP – Product Quality Deficiency Report General Correspondence Purpose Code' in a future version.* GK Investigation Status Code DLMS Note: 1. Use to identify the PQDR Investigation Status Code to indicate the current status of the PQDR. 2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4. 3. This element may only be populated/~~*updated*~~ by the Originating Point**, *Screening Point or Action Point*. *For inter-service transactions, only the Screening Point and Action Point can update this element.* **IRC Product Quality Deficiency Report Interim Reply Codes** **DLMS Note: *1. Use to identify the Product Quality Deficiency Report Interim Reply Code*** ***2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.*** ***3. A data maintenance action will be submitted to X12 to establish 'IRC – Product Quality Deficiency Report Interim Reply Codes' in a future version.*** JN Mission Impact Statement Code DLMS Note: 1. Use to specify impact on current operations. Cite the applicable code in LQ02: 1 = Inability to perform assigned mission for a classified project 2 = Inability to perform assigned mission. 3 = Performance of assigned mission anticipated to be curtailed or stopped if materiel is not received within 15 days Continental United States (CONUS) or 20 days Outside Continental United States (OCONUS) 4 = Mission performance below prescribed level of effectiveness and efficiency 5 = A classified NMCS condition exists due to lack of required assets	

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		2. This element may only be populated/~~updated~~ by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point can update this element.*	

PAT Preventative Action Taken Code
DLMS Note: *1. Seventh Positions of the PQDR Summary Code. AKA Preventative Action Taken Code.*
2. Definition: Code used to indicate the preventive action taken to prevent recurrence. DLAR 4155.24 or Reference (g) for appropriate codes. This field may be populated/updated by the Support Point or the Action Point. The Screening Point may use the code if it is not their intention to forward the PQDR to an Action Point. Once the PQDR is forwarded to the Action Point, the Screening Point will not be able to populate/update Summary Code fields and will communicate with the Action Point through the rebuttal process for any updates/changes
3. A data maintenance action will be submitted to X12 to establish 'PAT – Preventative Action Taken Code' in a future version.

P1C PQDR Cost Code
DLMS Note: *1. Definition AKA DLA Cost Code. Use Codes C-Cost to Gov't (Commercial Supplier), G-Cost to Navy(Government Manufacturer/Supplier), N-No Cost to Gov't (Commercial Supplier), U-undetermined, Z-No Cost to Navy (Government Manufacturer /Supplier)*
2. This field may only be populated/updated by the Screening Point or Action Point.
3. A data maintenance action will be submitted to X12 to establish 'P1C – PQDR Cost Code' in a future version

P2C PQDR Credit Code
DLMS Note: *1. Definition: A single character alpha code used to describe whether credit or other form of resolution is authorized. Use only codes: F-Repaired by user, P-Vendor Replacement, R-Vendor Repair, S-Source of Supply Replacement, T-Source of Supply Repair, W-Credit Authorized, X-No Credit Authorized. This field may be populated/updated by the Screening Point, Action Point, or the Support Point.*
2. A data maintenance action will be submitted to X12 to establish 'P2C – PQDR Credit Code' in a future version

PCC Product Quality Deficiency Report Cancellation Code
DLMS Note: *1. Use to identify the Product Quality Deficiency Report Cancellation Code*
2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.
3. A data maintenance action will be submitted to X12 to establish 'PCC - Product Quality Deficiency Report Cancellation Code" in a future version.

PCD Detailed Cause Code
DLMS Note: *1. Fourth- Sixth Positions of the PQDR Summary Code. AKA Detailed Cause Code.*

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		2. *Definition: Refer to DLAR 4155.24 or Refer to Reference (g) detailed cause of deficiency.* 3. *A data maintenance action will be submitted to X12 to establish 'PCD – Detailed Cause Code' in a future version.* **PDD Product Quality Deficiency Report Discovery Code** **DLMS Note:** *1. Use to identify the Product Quality Deficiency Report Discovery Code* *2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.* *3. A data maintenance action will be submitted to X12 to establish 'PDD - Product Quality Deficiency Report Discovery Code' in a future version.* **PQC Product Quality Deficiency Report Retract Reason Code** **DLMS Note:** *1. Use to identify the Product Quality Deficiency Report Retract Reason Code.* *2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.* *3. A data maintenance action will be submitted to X12 to establish 'PQC – Product Quality Deficiency Report Retract Reason Code' in a future version.* **PQR Product Quality Deficiency Exhibit Delivery Requirement Code** **DLMS Note:** *1. Use to identify the Product Quality Deficiency Exhibit Delivery Requirement Code to indicate the current status of the PQDR.* *2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.* *3. A data maintenance action will be submitted to X12 to establish 'PQR – Product Quality Deficiency Exhibit Delivery Requirement Code' in a future version.* **PQS Product Quality Deficiency Report Status Code** **DLMS Note:** *1. Use to identify the PQDR Deficiency Status Code to indicate the current status of the PQDR.* *2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.* *3. A data maintenance action will be submitted to X12 to establish 'PQS – Product Quality Deficiency Report Status Code' in a future version.* **RAC Reject Advice Code** **DLMS Note:** *1. Use to identify the PQDR Reject Advice Code.* *2. Use only valid codes as prescribed under the DLMS; see introductory DLMS Notes 3 and 4.* *3. A data maintenance action will be submitted to X12 to establish 'RAC – PQDR Reject Advice Code' in a future version.* **SDC Severity of Defect Code** **DLMS Note:** *1. Second position of PQRD Summary Code. Definition: Level of Severity of the defect. See PQDR Joint Regulation for appropriate codes This field may be*	

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		populated/updated by the Support Point or the Action Point. The Screening Point may use the code if it is not their intention to forward the PQDR to an Action Point. Once the PQDR is forwarded to the Action Point, the Screening Point will not be able to populate/update Summary Code fields and will communicate with the Action Point through the rebuttal process for any updates/changes.. 2. A data maintenance action will be submitted to X12 to establish 'SDC – Severity of Defect Code' in a future version.	
18.	2/NTE01/2400	Update DLMS note for the following existing codes, add Code SPS and remove Code EBK: ACT Action DLMS Note: 1. Use to identify Action Requested narrative (also known as Originator Recommendation). This is the recommended action requested by the Originator or Screening Point. 2. Field size = 1000. 3. This element may only be populated/~~*updated*~~ by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point can update this element.* ADD Additional Information DLMS Note: 1. Use to identify Additional Information narrative for PQDR. Also, used when a PQDR Final reply is rebutted. 2. Field Size = 4000. 3. This element may only be populated/~~*updated*~~ by the Originating Point*, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.* ODD Originator Deficiency Description DLMS Note: 1. Use to identify the originator's Description of Deficiency (also known as Narrative Details). This is the originator's description of the deficiency and any requested actions. Equates to SF368, Block 3. 2. Field size = 4000. 3. This element may only be populated/~~*updated*~~ by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point can update this element.*	Clarify intended use of the qualifiers
19.	2/QTY01/2700	Update DLMS note for the following existing codes and add new codes T8 and T9: 01 Discrete Quantity DLMS Note: 1. Use to identify the quantity of Time Since Installation. This is the time elapsed between installation and materiel failure. 2. Field size = 7. 3. This element may only be populated/~~*updated*~~ by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point can update this element.* 02 Cumulative Quantity DLMS Note: 1. Use to identify the quantity of Time Since New/Overhaul. This is the time elapsed since the last repair, or initial use for new items, and	Clarify intended use of the qualifiers and add new qualifiers.

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		materiel failure. 2. Field size = 7. 3. This element may be populated/~~updated~~ by all processing points. ***For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*** 39 Shipped Quantity DLMS Note: 1. Use to identify the Quantity of Exhibits Shipped. 2. Field size = 7. 3. This element may only be populated/~~updated~~ by the Originating Point***, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.*** 86 Nonconformance Quantity DLMS Note: 1. Used to identify the Quantity Deficient of the nonconforming materiel received. This is the quantity of deficient items as reported by the originator. This equates to SF368, Block 10c. 2. Field size = 9. 3. This element may only be populated/~~updated~~ by the Originating Point ***or Screening Point. For inter-service transactions, only the Screening Point can update this element.*** 87 Quantity Received DLMS Note: 1. Used to identify the Quantity Received of the nonconforming materiel received. Equates to SF368, Block 10a. 2. Field size = 9. 3. This element may only be populated/~~updated~~ by the Originating Point***, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.*** OT Number of Operating Periods at Failure DLMS Note: 1. Use to identify the Operating Time at Failure (OTAF). This is a measurement of time prior to failure. It describes how long a part was operated before failure. Equates to SF368, Block 7. 2. Field size = 15 3. This element may only be populated/~~updated~~ by the Originating Point***, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.*** ***T8 Time Since New/Overhaul*** ***DLMS Note: 1. Use to identify the Time Since New/Overhaul. It describes how long a part has been operating since it was overhauled. Equates to SF368, Block 7.*** ***2. Field size = 15*** ***3. This element may only be populated by the Originating Point, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.*** ***4. A data maintenance action will be submitted to X12 to establish 'T8 – Time Since New/Overhaul' in a future version.***	

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		T9 Time Since Installation **DLMS Note: *1. Use to identify the Time Since Installation. It describes how long a part has been operational since installation. Equates to SF368, Block 7.*** ***2. Field size = 15*** ***3. This element may only be populated by the Originating Point, Screening Point or Action Point. For inter-service transactions, only the Screening Point and Action Point can update this element.*** ***4. A data maintenance action will be submitted to X12 to establish 'T9 – Time Since Installation' in a future version.*** UA Units Completed DLMS Note: 1. Use to identify the Quantity Inspected by the originator. Equates to SF368, Block 10b. 2. Field size = 9. 3. This element may only be populated/~~*updated*~~ by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point and can update this element.*	
20.	2/QTY03/2700	Update Data Element level DLMS Note 4: Composite Unit of Measure DLMS Note: 1. Use to identify the discrepant/deficient quantity. Use multiple repetitions as needed to identify additional quantities associated with the complaint. 2. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes, except as listed below for Operating Time at Failure, Time Since New/Overhaul, and Time Since Installation. 3. Definition: Type of standard unit the materiel was packaged in. Also used for measure of time or events as listed below for Operating Time at Failure, Time Since New/Overhaul, and Time Since Installation. 4. This element may be populated/~~*updated*~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*	Clarify intended use of the qualifiers
21.	2/AMT01/2730	Update DLMS note for the following existing codes: 10 Shipment Value in U.S. Dollars DLMS Note: 1. Use to indicate "total" value of defective items in Defective Unit Cost. This is the cost of the deficient materiel based on the unit of issue. 2. Field size = 15. 3. This element may be populated/~~*updated*~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* 2H Operating Expenses DLMS Note: 1. Use to indicate the amount of recovered or reconsideration received by processing the PQDR (also known as Recovery Value). 2. Field size = 15. 3. This element may be populated/~~*updated*~~ by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*	Clarify intended use of the qualifiers

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		RP Repair DLMS Note: 1. Use to identify the Estimated Repair Cost to repair the deficient materiel. 2. Field size = 15. 3. This element may only be populated/*updated* by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point and can update this element.* Z3 Unit of Cost of Discrepant Material DLMS Note: 1. Use to identify "unit" value of a "single" defective item in Defective Unit Cost. This is the cost of the deficient materiel based on the unit of issue. 2. Field size = 15. 3. This element may only be populated *or updated* by the Originating Point, Screening Point, or Action Point. *For inter-service transactions, only the Screening Point or Action Point can update this element.*	
22.	2/N101/2800	Update DLMS note for the following existing codes: 41 Submitter DLMS Note: 1. Use to identify the Originator DoDAAC when different than the address identified with the DoDAAC-From in 1/N101/1200. 2. This element may only be populated/*updated* by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point and can update this element.* ZB Party to Receive Credit DLMS Note: 1. Use to identify the DoDAAC for the activity to receive credit if not the PQDR originator's organization. 2. This element may only be populated/*updated* by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point and can update this element.* ZQ Screening Point DLMS Note: 1. Use to identify the Screening Point DoDAAC when different than the address identified with the DoDAAC-from N101. 2. This element may only be populated/*updated* by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point and can update this element.*	Clarify intended use of the qualifiers
23.	2/N102/2800	Update Data Element level DLMS Note 2: Name DLMS Note: 1. Use to identify the name of the code listed above (e.g., Portsmouth Naval Shipyard). 2. This element may only be populated/*updated* by the Originating Point *or Screening Point. For inter-service transactions, only the Screening Point and can update this element.*	
24.	2/N201/2900	Update Data Element level DLMS Note 3: Name DLMS Note: 1. This equates to address line.	Clarify intended use of the qualifiers

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		2. Used when customer input for the reporting activity information is not available or differs from data extracted from the DoDAAC. 3. This element may only be populated/*updated* by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point and can update this element.*	
25.	2/N202/2900	Update Data Element level DLMS Note 3: Name DLMS Note: 1. This equates to address line two. 2. Used when customer input for the reporting activity information is not available or differs from data extracted from the DoDAAC. 3. This element may only be populated/*updated* by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point and can update this element.*	Clarify intended use of the qualifiers
26.	2/PER01/3200	Update DLMS Note 2 for the following existing codes: RP Responsible Person DLMS Note: 1. Use to indicate a POC at receiving location. Also, use in PQDR exhibit shipments to indicate the Government representative at the receiving location. 2. This element may only be populated/*updated* by the Originating Point *or Screening Point*. *For inter-service transactions, only the Screening Point and can update this element.*	Clarify intended use of the qualifiers
27.	2/PER03/3200	Update DLMS Note 2 for the following existing codes: AU Defense Switched Network DLMS Note: 1. Use to identify the DSN Phone Number. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* EM Electronic Email DLMS Note: 1. Use to identify the E-mail address. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* TE Telephone DLMS Note: 1. Use to identify the Commercial Phone Number. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*	Clarify intended use of the qualifiers

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
28.	2/PER05/3200	Update DLMS note 2 for the following existing codes: AU Defense Switched Network DLMS Note: 1. Use to identify the DSN Phone Number. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* EM Electronic Email DLMS Note: 1. Use to identify the E-mail address. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* TE Telephone DLMS Note: 1. Use to identify the Commercial Phone Number. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*	
29.	2/PER07/3200	Update DLMS Note 2 for the following existing codes: AU Defense Switched Network DLMS Note: 1. Use to identify the DSN Phone Number. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* EM Electronic Email DLMS Note: 1. Use to identify the E-mail address. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.* TE Telephone DLMS Note: 1. Use to identify the Commercial Phone Number. 2. This element may be populated/*updated* by all processing points. *For inter-service transactions, only the Screening Point, Action Point and Support Point can update this element.*	Clarify intended use of the qualifiers
30.	2/PER09/3200	Add new Data Element level DLMS Note 2: Contact Inquiry Reference DLMS Note: 1. Use as needed to identify the office symbol or activity code for the party identified. May also reflect position title of the point of contact. *2. This element may be populated or updated by all processing points.*	Clarify intended use of the qualifiers

Enclosure 2
PQDR Life Cycle Flowchart and Transaction Timeline

PQDR Transaction Timeline (Part I)

	Origination Pt	Screening Pt from Originator Prior to Acknowledgement	Screening Pt from Originator After Acknowledgement	Action Pt from Screening Pt Prior to Acknowledgement	Action Pt from Screening Pt After Acknowledgement
Originator	OO - Original	CO - Correspondence SU – Status Update	CO - Correspondence	CO - Correspondence	CO - Correspondence 14 – Exhibit Shipped
Screening Pt		CO - Correspondence 12 – Not Processed 47 - Transfer 08 - Status	CO - Correspondence 12 – Not Processed 47 - Transfer SU – Status Update 01 - Cancellation 53 - Completion FA – Forward to Action Pt	CO - Correspondence 03 - Retraction 45 – Follow Up SU – Status Update	CO - Correspondence 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt SU – Status Update? 03 - Retraction
Action Pt				CO - Correspondence 12 – Not Processed 47 - Transfer 08 - Status	CO - Correspondence 12 – Not Processed 47 - Transfer 13 – Exhibit Request 10 – Exhibit Status ER – Exhibit Receipt SU – Status Update FC - Forward to Contractor 25 – Interim Reply DA – Delegate to Alternate FS - Forward to Support Pt CN – Final Reply
Support Pt					

Legend
Transaction moves the PQDR to the next location
Transaction moves the PQDR back to the previous location
Interim Transaction (Interim reply, Follow-up, Correspondence, etc.)
Transfers ownership of the PQDR to a different activity/person
Exhibit Transactions

PQDR Transaction Timeline (Part II)

	Support Pt from Action Pt Prior to Acknowledgement	Support Pt from Action Pt After Acknowledgement	Action Pt from Support Pt	Screening Pt from Action Pt	Closed
Originator	CO - Correspondence 14 – Exhibit Shipped	CO - Correspondence 14 – Exhibit Shipped	CO - Correspondence 14 – Exhibit Shipped ED – Exhibit Disposition	CO - Correspondence 14 – Exhibit Shipped	RO - Reopen ED – Exhibit Disposition?
Screening Pt	CO - Correspondence 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt SU – Status Update? 03 - Retraction	CO - Correspondence 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt SU – Status Update? 03 - Retraction	CO - Correspondence 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition MD – Material Disposition Instructions SU – Status Update? 03 - Retraction	CO - Correspondence 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition SU – Status Update? RR - Rebuttal 53 - Completion	RO - Reopen ED – Exhibit Disposition?
Action Pt	CO - Correspondence 03 - Retraction 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt SU – Status Update	CO - Correspondence 45 – Follow Up 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition SU – Status Update? 03 - Retraction	CO - Correspondence RR - Rebuttal 13 – Exhibit Request 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition MD – Material Disposition Instructions 14 – Exhibit Shipped SU – Status Update 25 – Interim Reply CN – Final Reply	CO - Correspondence 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition MD – Material Disposition Instructions	RO - Reopen ED – Exhibit Disposition?
Support Pt	CO - Correspondence 12 – Not Processed 47 - Transfer 08 - Status	CO - Correspondence 12 – Not Processed 47 - Transfer DA – Delegate to Alternate 13 – Exhibit Request 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition MD – Material Disposition Instructions SU – Status Update FC - Forward to Contractor 25 – Interim Reply 11 – Final Reply	CO - Correspondence 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition MD – Material Disposition Instructions	CO - Correspondence 14 – Exhibit Shipped 10 – Exhibit Status ER – Exhibit Receipt ED – Exhibit Disposition MD – Material Disposition Instructions	RO - Reopen ED – Exhibit Disposition?

Legend
Transaction moves the PQDR to the next location
Transaction moves the PQDR back to the previous location
Interim Transaction (Interim reply, Follow-up, Correspondence, etc.)
Transfers ownership of the PQDR to a different activity/person
Exhibit Transactions

Changes are identified by ***bold red italics*** and double strike-though text.

C24. CHAPTER 24

PRODUCT QUALITY DEFICIENCY REPORTING

C24.1 GENERAL

C24.1.1. Processing Requirements. This chapter provides general information supporting the DOD Product Quality Deficiency Report (PQDR) ~~Program~~ ***Process***. ~~and SECNAVINST 4855.3, Product Data Reporting and Evaluation Program.~~ The DOD PQDR ~~program~~ ***process*** requires DOD Components ***to*** capture and exchange product quality deficiency information to facilitate root cause determinations, corrective actions, reliab***ility*** analysis, and recoupment actions (contractor caused deficiencies). This chapter provides an overview of the Defense Logistics Management Standard (DLMS) transaction exchange supporting the PQDR ~~program~~ ***process***. ~~Initial implementation will include the DLA Enterprise Business Systems (EBS), SECNAV Product Data Reporting and Evaluation Program (PDREP), and NAVAIRSYSCOM Joint Deficiency Reporting System (JDRS). Initially, all transactions will pass through the PQDR Inter-service Interface (PQDR II). Components developing PQDR processing systems will comply with this DLMS to exchange data with other DOD PQDR.~~

C24.1.2. PQDR Processing Information Systems. It is DOD policy that DOD Components maintain a reliable and standard system for investigation of Product Quality Deficiency Reports. Systems must provide feedback of product quality deficiency data across DOD AISs. Components developing or maintaining PQDR processing AISs comply with this DLMS to exchange data with other DOD PQDR AISs.

C24.1.2.1 Operations Security (OPSEC) Applicability. Due to an identified OPSEC requirement, PQDRs have been designated as controlled unclassified information (CUI) and must be identified as CUI. Physical handling and electronic transmission of PQDRs must comply with DoD rules for this level of sensitive unclassified information, to include proper labeling, protection, and encryption of communication.

C24.1.3. Standard PQDR Transactions. Under DLMS, the PQDR will be considered a common logistics information exchange to be integrated with transaction processing through DAAS. The DOD approved standard for electronic transmission of PQDR transactions is prescribed by the DLMS 842P Implementation Convention (IC) using a Web Service XML transaction format. The DLMS 842P, Standard PQDR, will be employed for transactional exchange

and is available via the <u>Implementation Convention/DLMS IC page</u> of the Defense Enterprise Data Standards Office (DEDSO) website.

C24.1.4. **PQDR Transaction Sets.** The PQDR transaction set is used to move ~~the~~ *all* PQDR ~~(SF 368)~~ data *as listed in DLMS 842P* between *the various PQDR processing* points (~~o~~*O*riginator/~~o~~*O*riginating ~~p~~*P*oint, ~~s~~*S*creening ~~p~~*P*oint, ~~a~~*A*ction ~~p~~*P*oint, and ~~s~~*S*upport ~~p~~*P*oint). *It is also used to* facilitate PQDR exhibit movement,and exchange ~~general information~~ *pertinent correspondence and/or data regarding a PQDRs status (i.e.,* interim responses, general correspondence, etc.). ~~For each transmission, the receiving system will provide a transaction to the submitting system acknowledging data receipt.~~ The DLMS 842P IC, PQDR Data Exchange, replaces system unique transactions currently used to exchange *PQDR* ~~date~~ *data*. ~~This DLMS enhancement provides~~ *by providing* the DOD Components with a standard electronic transmission method for ~~reporting~~ PQDR *data exchange* ~~across~~ *between* AIS's.

C24.1.5. <u>Product Data Reporting and Evaluation Program (PDREP)</u>. The term PDREP refers to both the overall business process and supporting automation, including both direct web input and transaction exchange. PDREP promotes continuous process improvement of supply chain processes within the DoD for increased material readiness by providing a means to hold external DoD suppliers and internal supply chain stakeholders accountable. PDREP-AIS formerly known as the Product Quality Deficiency Report Inter-service Interface (PQDRII), is the DoD's PQDR system of record. PDREP-AIS supports DLMS implementation that enables PQDR transaction exchange; provides a web-based entry method to assist users who are not supported by another DLMS-compliant PQDR application; and provides visibility of PQDRs for research and trend analysis via management report/query capability. PDREP-AIS will allow users to query the transaction history by Report Control Number (RCN), view a composite of the PQDR, and provide central points of contact in the event of a transaction failure.

C24.1.5.1. The PDREP-AIS PQDR application automates the Standard Form (SF) 368 paper form, facilitating the DoD standard transactional exchange described above. It brings the PQDR into an integrated transactional environment, supporting both direct input (under Component business rules) and transaction exchange originating within Component applications. PDREP-AIS facilitates communication and interoperability between U.S. Military, Federal Agencies, Contractors, and the International Logistics Control Office (ILCO) on behalf of the Security Assistance customer. It controls routing of web submissions and logistics transactions according to established business rules. It supports information exchange between the customer, the Inventory Control Point (ICP)/Integrated Material Manager (IMM), the Originating Point, Screening Point, Action Point, Support Point, Contractor, and other Stakeholders. It encompasses many transaction types between multiple parties to include, but not limited to, new report submission, correction/modification, cancellation, follow-up, requests for reconsideration (rebuttals), and PQDR investigation results (including interim responses, additional information requests, and resolution responses), in addition to the capture of report and response management

statistics. Access to PDREP PQDR management reports requires submission of a User Access Request (UAR) to the PDREP System home page.

C24.1.5.2. PDREP provides an automated process for tracking PQDR response information. Data collected will enable the DOD to identify trends, establish discrepancy volume and dollar values of PQDRs. This allows users to bring management attention to problems with materiel quality and supplier performance information as necessary; improving the requisitioning and distribution process within logistics operations. This process provides an effective means to report, resolve, and measure deficiencies related to supply chain performance.

C24.1.5.3. The DOD requirement is that paper submission of PQDRs and non-DLMS compliant PQDR applications will be fully phased out with migration to DLMS. By exception, until electronic reporting under DLMS is universally available, PQDRs and associated responses may be reported via hard-copy SF 368, email, through customer service help lines or any other manner acceptable to the submitter and recipient. All manner of inter-service transactional reporting must meet the criteria described in this chapter.

C24.1.5.4. DoD Components with an established interface with PDREP, through DAAS for PQDR processing, will designate primary and alternate representatives for the Component PQDR AIS to the PDREP System Administrator. These representatives will be notified via email when catastrophic transactional failures occur during PDREP business rule validation protocols. Catastrophic transactional failures are those that are so severe that PDREP will not generate a Transaction Set Purpose Code (T-44) and corresponding Reject Advice Code. Components will provide name, telephone, and email address to the PDREP System Administrator, and to the DAAS.

C24.1.5. <u>DLMS Process Review Committee (PRC)</u>. The DoD Component members of the PQDR PRC will be identified on the <u>PQDR PRC page</u> of the Defense Enterprise Data Standards Office (DEDSO) website. The PQDR PRC is responsible for the development, expansion, improvement, maintenance, and administration of the systemic processing under the DLMS.

C24.1.6. <u>Applicability</u>. This guidance is applicable to all DOD Components responsible for reporting and processing PQDRs ~~information.~~ *and requiring assistance from another DOD Component or AIS to process a PQDR.*~~information.~~ *When more than one DOD Component or AIS is involved in processing a PQDR, it is referred to as an inter-Service PQDR and must comply with inter-Service processing instructions contained in this document.* It applies to all supply classes not specifically excluded from PQDR reporting ~~under DLAR 4155.24/AR 702-7~~/*SECNAVINST 4855.21*/AFI 21-115/DCMA INST 305.~~

C24.2. <u>PROCEDURES</u>

C24.2.1. <u>PQDR Overview</u>. The ~~o~~*O*riginator/~~o~~*O*riginating ~~p~~*P*oint discovers a deficiency and submits the PQDR to the appropriate ~~s~~*S*creening ~~p~~*P*oint. The ~~s~~*S*creening ~~p~~*P*oint *reviews the initial submission and* determines the appropriate *DoD* Action Point ~~(normally the item manager)~~ to forward the report for investigation. The Action Point will either investigate the report or assign the report to a Support Point to assist with the *investigation.* ~~(normally the Defense Contract Management Agency (DCMA)) for investigation.~~ When required, the PQDR exhibits are moved between the exhibit holder and the investigating point. Throughout the investigation process, each point sends interim responses and other routine correspondence transactions to keep each interested activity *and AIS* updated with the current investigation status. ~~Under DLMS, PQDR data is exchanged between information technology (IT) systems using the 842P PQDR Data Exchange transaction. Once data is shared between systems, all subsequent transactions must be sent to each shared system.~~

C24.2.2.   <u>Detailed Requirement</u>. *When data is required to be exchanged across Component lines or between EBS, PDREP and JDRS, the* PQDR data exchanged will pass through the *PDREP business rule validation protocol* ~~WebPQDR~~, *DAAS, and be compliant with the DLMS 842P IC.* The sending system is responsible for complying with the *DLMS* 842P *IC* format and including the applicable data elements. The report control number (RCN) is the key identifier for each unique PQDR and will be perpetuated with each transaction. *PDREP* ~~The WebPQDR~~ will validate each transaction for required data elements and reject incomplete *or non-compliant* transactions to the sending system. In addition, ~~the WebPQDR~~ *PDREP* will maintain a *transaction history and a composite* record of the I~~T~~*S* having received a prior transaction for each RCN. *PDREP history tracking will be by Transaction Set Purpose Code data exchanges. History tracking will display both the Transaction Set Purpose Code as well as the description of the transaction. Additionally, transactions that require a specified data element accompany that transmission, as described in Appendix 7.27 of this DLMS Volume, will also display the data element name, code and code description. PDREP* ~~WebPQDR~~ will route a copy of all subsequent transactions to the I~~T~~*S*.

C24.2.3.. <u>PQDR ~~Movement~~ *Transactions*</u>. ~~The DLMS 842P moves the PQDR between the different investigating points.~~ *PQDR Inter-Service data exchange is required IAW DLMS 842P. Data required in each transaction is defined in the DLMS 842P IC. All transactions will have the ability to provide attachments as needed.*

~~C24.5.1.1. Originator Forwards to Screening Point (Transaction Set Purpose Code 00). Used when the originator forwards to screening point in another system or when originator and screening point do not exist within the same system. Note: EBS is not permitted to originate PQDRs.~~

~~C24.5.1.2. Forward from Screening Point to Action Point (Transaction Set Purpose Code FA). Used when the screening point forwards a PQDR to an action point and the action point does not exist within the same system.~~

C24.5.1.3. Forward from Action Point to Support Point (Transaction Set Purpose Code 4S). Used when the action point forwards a PQDR to a support point and the support point does not exist within the same system.

C24.5.1.4. Final Reply from Support Point To Action Point (Transaction Set Purpose Code 11). Used when the support point completes their investigation and returns the PQDR to an action point and the action point does not exist within the same system.

C24.5.1.5. Final Reply (Completion Notice) from Action Point to Screening Point (Transaction Set Purpose Code CN). Used when the action point completes their investigation and returns the PQDR to a screening point and the screening point does not exist within the same system.

C24.5.1.6. Not Processed (Misdirected) (Transaction Set Purpose Code 12) Use to indicate that a PQDR was received by the incorrect screening, action, or support point and could not be processed. Return misdirected PQDRs to the previous processing point.

C24.5.1.7. Retraction (Transaction Set Purpose Code 03). Used by screening and action points to change ownership of a PQDR action back to the previous processing point or location.

C24.5.1.8. Reply Rebuttal (Transaction Set Purpose Code RR). Used to rebut an investigation response. PQDR placed at the prior ownership level.

C24.5.2. Exhibit Movement Transactions. PQDR exhibit movement transactions provide status and control over exhibit movements. All PQDR processing points can use exhibit movement transactions. Use of this DLMS 842P for exhibit movement supplements the use of standard logistics transactions for receipt and shipment status. When information copies of the receipt and shipment status are provided to the PDREP-AIS, they will be used to update the exhibit movement and disseminated as appropriate.

C24.5.2.1. Exhibit Request (Transaction Set Purpose Code 13). Used to request the exhibit and provide shipping information.   Refer to paragraph C11.20 for specific guidance for directed deficient materiel returns including document number assignment and associated transactions for prepositioned materiel receipt and materiel returns shipment status.

C24.5.2.2. Exhibit Shipped Notification (Transaction Set Purpose Code 14). Used to provide exhibit shipment information to the requestor.

C24.5.2.3. Exhibit Receipt (Transaction Set Purpose Code ER). Used to document exhibit receipt. Note: If sent as a late exhibit receipt, PQDR is reassigned to the sender's level.

C24.5.2.4. Exhibit Tracer (Not Found) (Transaction Set Purpose Code 10). Used by exhibit requestor to request status or follow up on an exhibit request.

C24.5.2.5. Materiel Disposition (Transaction Set Purpose Code MD). Used to provide final materiel disposition instructions. Used by the support or action point after the investigation is complete.

C24.5.2.6. Exhibit Disposition Confirmation (Transaction Set Purpose Code ED) Used by the current exhibit holder to confirm compliance with materiel disposition instructions.

C24.5.3. General Information Transactions. The PQDR general information transactions provide information or status regarding the PQDR without changing ownership.

C24.5.3.1. Acknowledge/Status (Transaction Set Purpose Code 08). Used to acknowledge that a PQDR was received and provide current status to the sender.

C24.5.3.2. Interim Reply (Transaction Set Purpose Code 25). Used by support or action point to provide investigation status of the PQDR to the previous owner.

C24.5.3.3. General Correspondence (Transaction Set Purpose Code CO). Used to transmit general correspondence information concerning the PQDR status from the sender to the receiver, or to send corrections with an explanation of changes.

C24.5.3.4. Follow-up for Status (Transaction Set Purpose Code 45). Used to request status when a processing point has not provided investigation status via interim reply or the like.

C24.5.3.5. Cancellation (Transaction Set Purpose Code 01). Use when PQDR is cancelled in one system and cancelation needs to be propagated to other systems. Note: Only screening points may cancel a PQDR.

C24.5.3.6. Delegate to Alternate Support Point (Transaction Set Purpose Code DA). Used to delegate to another support point by the responsible support point without changing the responsible support point.

C24.5.3.7. Redirect/Transfer (Transaction Set Purpose Code 47). Used to redirect a PQDR to another screening point, action point, or support point within the component.

C24.5.3.8. Reopen (Transaction Set Purpose Code RO). Used when a PQDR is reopened by the system sending the transaction and needs to be reopened in receiving system. The screening point will send to notify other systems that a PQDR has been reopened. The other touch points (originator, action, or support point) will send when requesting the PQDR to be reopened.

C24.5.3.9. Update (Transaction Set Purpose Code SU). Used to send an update to correct or append specific data fields in another IT system.

C24.5.3.10. Forward to Contractor (Transaction Set Purpose Code FC). Used when support point sends PQDR investigation request to a contractor.

C24.5.3.11. Information Copy (Transaction Set Purpose Code 22). Used to send information copy of PQDR to another system. Used for dissemination to non-action activities outside of the PQDR process in another system. Used to provide PQDR to other agencies with a need to know. All data fields should be sent to present the entire PQDR to the receiver.

C24.5.4. System Transactions. System transactions are used to confirm data receipt and communicate transaction failures to the sending system.

C24.5.4.1. Transaction Rejection (Transaction Set Purpose Code 44). Used when the PQDR II determines that 842P transaction is non-compliant with this standard or when a recipient system of an 842P is unable to process a transaction due to its data requirements (i.e. duplicate RCN). This transaction is system generated. End users should use Transaction Set Purpose Code 12, Not Processed (Misdirected), to return with comment.

C24.5.4.2. Confirmation of Transaction Receipt (Transaction Set Purpose Code 06). Used by an automated IT system to confirm transaction receipt from another system.

C24.2.3.1. The procedure by which PQDR processing points may update any data element and at what point in the PQDR process is also defined in the DLMS 842P IC. For inter-Service PQDRs, communication both to and from Originators must only be sent to the Screening Point for evaluation regardless of transaction code. PQDR processing points can only directly communicate with the processing point immediately preceding or following them. Additional business rules can be found in Appendix 7.27 of this volume.

C24.3.5. Exhibit Tracking. Systemic update of the PDREP-AIS for exhibit tracking is provided as a by-product of standard logistics transactions. When received at a distribution **center**, the receipt transaction will identify the PQDR RCN and an information copy of the receipt will be provided. Similarly, when a DLMS shipment status transaction is prepared for the shipment of an exhibit, the shipment status will perpetuate the PQDR RCN from the release order.

C24.3.5.1 **When the Support Point returns the PQDR back to the Action Point because the exhibit(s) was not received, control of the PQDR transfers back to the Action Point. If the exhibit(s) arrives at the contractors facility after the PQDR was returned by Support Point to the Action Point, and the PQDR is currently located at the Action Point, the Action Point should rebut (T-RR) the PQDR back to the Support Point for processing; if the PQDR is located at the Screening Point or was closed, the Screening Point reopens (T-RO), if necessary, and rebuts (T-RR) the PQDR to the Action Point level.**

C24.4. PQDR Transaction Timeline. The PQDR transactional timeline, or the

systemic method of moving a PQDR between process points, will be conducted in accordance with Enclosure 2 of ADC 1007E. Information systems will only allow transactions within the information system when the PQDR has reached that point in the PQDR Timeline. Only the transactions at the point in the timeline will be permitted. All others will be systemically rejected by PDREP-AIS.

> *C24.4.1. Services/Agency information systems may perform additional tasks within their information systems as long as they do not interfere with the DoD processing of inter-Service PQDRs. Data elements may only be updated by personnel processing PQDRs at the point in the PQDR Timeline process flow IAW DLMS 842P IC.*

> *C24.4.2. DLA will not reopen a PQDR investigation after 180 days of sending a <u>Completion Notification</u> (T- CN) Final Reply with no response (action) by the Screening Point. On day 181 or later, a new PQDR (RCN) would need to be issued referencing the old RCN, if further action by the Action Point or Support Point is required.*

> *C24.4.3. When it is determined that credit should be issued after the PQDR has been closed by all parties, the Originator or Screening Point must submit a new PQDR and reference the original PQDR RCN.*

C24.5. <u>Product Quality Deficiency Investigative Closing Requirements.</u>

> *C24.5.1. Input by either the PQDR Action Point or Support Point, the information to be entered in each data element is dependent upon the type and cause of the deficiency, and the information requested may not be appropriate in all cases. The information requested is typical when the cause of the deficiency is due to non-conformance with contract requirements. The investigative closing codes provide specific details about the findings of the investigation. Together these codes make up seven segments of investigation related data forming a nine-character code referred to as the Summary Code. All segments of the investigative closing codes must be completed prior to the Action Point submitting a Final Reply. Failure to complete each of these data elements by the Action Point will result in the transaction being rejected.*

> > *C24.5.1.1. The seven segments of closing data include (1) defect responsibility, (2) severity of the defect, (3) broad classification of the cause, (4) detailed cause of the defect, (5) preventative action taken because of the defect, (6) corrective action taken for the defective materiel, and (7) disposition of the deficient materiel. A complete list of investigative closing codes can be found in Appendix 7.27 of this this Volume.*

Changes are identified by ***bold red italics*** and double strike-though text.

AP7.27 APPENDIX 7.27

PRODUCT QUALITY DEFICIENCY REPORT (PQDR) RELEVANT DATA ELEMENTS

AP7.27. <u>GENERAL</u>. This appendix provides a consolidated reference resource for ***transaction sets,*** data elements and their associated code sets applicable to Product Quality Deficiency Report (PQDR) submissions, subsequent communication between trading partners, and responses. These ***transaction sets and*** data elements are applicable in all DoD PQDR applications under the DLMS. ~~The data elements listed below are included in this appendix.~~ Within the context of PQDR procedures, these ***transaction sets and*** data elements may be recognized by abbreviated names as indicated. Refer to ~~Product Quality Deficiency Report (PQDR) Program (DLAR 4155.24/AR 702-7/SECNAVINST 4855.5B/AFR 74-61)~~ the DLMS Dictionary (Logistics Data Resources Management System (LOGDRMS) for additional PQDR data definitions and codes

- ~~Product Quality Deficiency Report (PQDR) Status Code.~~
    ~~Also referred to as Status Code.~~
- ~~Product Quality Deficiency Report (PQDR) Rebuttal/Controvert Code.~~
    ~~Also referred to as Rebuttal Code.~~
- ~~Product Quality Deficiency Report (PQDR) Credit Code.~~
    ~~Also referred to as Credit Code.~~
- ~~Product Quality Deficiency Report (PQDR) Exhibit Distribution Status Code.~~
    ~~Also referred to as Exhibit Accounted For/Received Code.~~
- ~~Operating Time at Failure.~~
- ~~Time Since Installation.~~
- ~~Time Since New/Overhaul.~~

AP7.27.1. <u>PQDR Transaction Set Purpose Codes</u>.

AP7.27.1.1. <u>General Opening, Closing and Related Codes.</u> These codes process transactions that include but are not limited to; open, close, transfer, and return PQDRs to other PQDR processing points.

AP7.27.1.1.1. <u>Original (Originator Forwards to Screening Point) (Transaction Set Purpose Code 00)</u>. Used when the Originator forwards to the Screening Point. Originators are required to execute this transaction set within

24 hours of discovery for Category I and three calendar days of discovery for Category II PQDRs.

AP7.27.1.1.2. <u>Forward to Action (Forward from Screening Point to Action Point) (Transaction Set Purpose Code FA).</u> Used when the Screening Point forwards a PQDR to an Action Point and the Action Point does not exist within the same AIS.

AP7.27.1.1.3. <u>Forward to Support (Forward from Action Point to Support Point) (Transaction Set Purpose Code FS).</u> Used when the Action Point forwards a PQDR to a Support Point and the Support Point does not exist within the same system.

AP7.27.1.1.4. <u>Response (Final Reply from Support Point to Action Point) (Transaction Set Purpose Code 11).</u> Used when the Support Point completes their investigation and returns the PQDR to an Action Point and the Action Point does not exist within the same system.

AP7.27.1.1.5. <u>Completion Notification (Final Reply) from Action Point to Screening Point (Transaction Set Purpose Code CN).</u> Used when the Action Point completes their investigation and returns the PQDR to a Screening Point and the Screening Point does not exist within the same system.

AP7.27.1.1.6. <u>Not Processed (Misdirected) (Transaction Set Purpose Code 12).</u> Use to indicate that a PQDR was received by an incorrect Screening, Action, or Support Point and could not be processed. The transaction returns the misdirected PQDR to the previous processing point.

AP7.27.1.1.7. <u>Delete (Retraction) (Transaction Set Purpose Code 03).</u> Used by Screening Points and Action Points to request ownership of a PQDR be transferred back to them.

AP7.27.1.1.7.1. Where system capabilities exist within a single PQDR processing AIS, the AIS may be programmed to systemically move the PQDR back to the Screening Point or Action Point. Use of (T-03) will not be programmed to systemically transfer a PQDR back to the Screening Point or Action Point from different AIS's.

AP7.27.1.1.8. <u>Rebuttal (Transaction Set Purpose Code RR).</u> Used to rebut an investigation response. PQDR placed at the prior ownership level.

AP7.27.1.1.9. <u>Completion (Closure)(Transaction Set Purpose Code 53).</u> Used by Screening Point to close out and notify other PQDR processing points of PQDR process completion for a given PQDR. Note: Only the Screening Point may perform this transaction.

AP7.27.1.2. <u>Exhibit Movement Transactions</u>. PQDR exhibit movement transactions provide status and control over exhibit movements. All PQDR

processing points can use exhibit movement transactions. Use of exhibit related transactions may not be used prior to Action Point acknowledgement of the PQDR. Additionally, exhibit related transaction workflows must start with either an Action Point exhibit request or exhibit disposition. The only exception to this rule will be when the PQDR is at the Support Point level after acknowledgment, where either the Action Point or Support Point may open the exhibit related workflows by sending an exhibit request transaction set. Use of this DLMS 842P for exhibit movement supplements the use of standard logistics transactions for receipt and shipment status. When information copies of the receipt and shipment status are provided to the PDREP-AIS, they will be used to update the exhibit movement and disseminated as appropriate.

AP7.27.1.2.1. <u>Exhibit Request (Transaction Set Purpose Code 13)</u> Used to request the exhibit and provide shipping information.

AP7.27.1.2.1.1. When an exhibit is required to complete a PQD investigation, this transaction will open the ability to send exhibit shipped (T-14) and exhibit status update request (T-10) transactions. If the T-14 or T-10 are provided prior to T-13, it will result in a transaction rejection.

AP7.27.1.2.1.2. With exception to when the PQDR is at the Support Point level after acknowledgement, where either the Action Point or Support Point may transmit the request, <u>initial use</u> of this transaction at any other level will be restricted to the Action Point. Action point use of this code will open the ability for the Screening Point to send the exhibit request transaction to Originator.

AP7.27.1.2.2. <u>Advance Notification (Exhibit Shipped Notification) (Transaction Set Purpose Code 14).</u> Used to provide exhibit shipment information to the requestor.

AP7.27.1.2.2.1. When an exhibit is requested, the exhibit shipped transaction will open the ability to transmit the exhibit receipt (ER) transaction.

AP7.27.1.2.2.2. When the PQDR is at the Action Point level after acknowledgement, use of this transaction will be limited to the Originator and Screening Point.

AP7.27.1.2.2.3. If the PQDR has been assigned to a Support Point, and is at the Support Point after acknowledgement level, the Originator, Screening Point and Action Point may transmit the exhibit shipped transaction set.

AP7.27.1.2.2.4. If the PQDR has been assigned to a Support Point, and the PQDR has been moved to the Action Point from Support Point level, all PQDR processing points may transmit this transaction.

AP7.27.1.2.3. Exhibit Receipt (Transaction Set Purpose Code ER). Used to document exhibit receipt. When the PQDR is located at the Action after acknowledgment level, only the Screening Point and Action Point may have use of this transaction. After this point, either the Screening Point, Action Point, or Support Point may transmit an exhibit receipt transaction. Note: If sent as a late exhibit receipt, PQDR is reassigned to the sender's level.

AP7.27.1.2.4. Not Found Exhibit Tracer (Transaction Set Purpose Code 10). Used by exhibit requestor to request status or follow up on an exhibit request.

AP7.27.1.2.5. Material Disposition (Final Materiel Disposition) (Transaction Set Purpose Code MD). Material Disposition must be provided prior to PQDR closure.

AP7.27.1.2.5.1. Used by the Screening Point, Action Point and Support Point after the investigation is complete to provide final materiel disposition instructions. If a Support Point has been assigned and the PQDR is at the Support Point after acknowledgment level, only the Support Point may use this transaction at this level.

AP7.27.1.2.6. Exhibit Disposition Confirmation) (Transaction Set Purpose Code ED). Used by the current exhibit holder to confirm compliance with materiel disposition instructions.

AP7.27.1.2.6.1. Use of this transaction may be used any time after Material Disposition (T-MD) has been provided and may continue to be used after the Screening Point closes the report (T-53). This allows for reports to continue to be updated in situations such as long-term overhaul corrective actions by vendors that will take place over months or years, while not unnecessarily keeping the report open.

AP7.27.1.3. General Information Transactions. The PQDR general information transactions provide information or status regarding the PQDR without changing ownership.

AP7.27.1.3.1. Status (Acknowledge)Transaction Set Purpose Code 08). Used to acknowledge that a PQDR was received and provide current status to the previous point. Screening Points, Action Points and Support Points are all required to provide this transaction set within 24 hours for Category I and three business days for Category II PQDRs.

AP7.27.1.3.2. Incremental (Interim Reply) (Transaction Set Purpose Code 25). Used by Support or Action Point to provide investigation status of the PQDR to the previous owner.

AP7.27.1.3.3. Corrected (General Correspondence) (Transaction Set Purpose Code CO). Used to transmit a general correspondence information

concerning the PQDR status from the sender to the receiver, or to send corrections with an explanation of changes. For inter-service PQDRs, the Originating Point may only submit this transaction to the Screening Point. ==This transaction will also be used to inform other PQDR processing points when Major Data Element changes are required after they have acknowledged receipt of the PQDR.==

AP7.27.1.3.4. <u>Follow-up (Follow-up for Status) (Transaction Set Purpose Code 45).</u> A systemically generated transaction used to request a status when a processing point has not provided investigation status via interim reply or the like.

AP7.27.1.3.5. <u>Cancellation (Transaction Set Purpose Code 01).</u> Used when a PQDR is cancelled.

AP7.27.1.3.5.1. Cancellations may take place at the request of the Screening Point when major data element changes are required to a PQDR. Major data element changes include the RCN, NIIN/NSN, contract number and CAGE. These data elements have the ability to change the scope and responsible parties associated with the investigation. Note: Only Screening Points may cancel a PQDR. and cancelled PQDRs cannot be reopened.

AP7.27.1.3.6. <u>Delegate to Alternate (Delegate to Alternate Support Point) (Transaction Set Purpose Code DA).</u> Used to document Action Point or responsible Support Point delegation to an entity that does not support PQDR investigations through a PQDR AIS, such as Engineering Support Activities (ESA).

AP7.27.1.3.7. <u>Transaction Set Purpose Code DA</u>. may be used by either the Action Point or responsible Support Point without systemically changing the initial responsible Support Point. Use of this transaction set in conjunction with the systemic assignment of a traditional Support Point, such as DCMA, will require PDREP-AIS to provide an information copy(T-22) to the Support Point assigned at the Support Point level for the PQDR.

AP7.27.1.3.8. <u>Transfer (Redirect/Transfer) (Transaction Set Purpose Code 47).</u> Used to redirect a PQDR to another Screening Point, Action Point, or Support Point within the component due to major data element changes when the Screening Point determines that a cancellation is not a preferred resolution.

AP7.27.1.3.9. <u>Reopen (Transaction Set Purpose Code RO).</u> Used when a PQDR is reopened by the system sending the transaction and a PQDR needs to be reopened in the receiving system. This transaction notifies other systems that a PQDR has been reopened by the Screening Point, or that the other PQDR processing points (Originator, Action, or Support Point) have requested that the PQDR to be reopened.

AP7.27.1.3.10.   Status Update (Transaction Set Purpose Code SU). Used to send an update to correct or append specific data fields in another AIS. This element may be populated/updated by the Screening Point, Action Point or Support Point for minor changes. Only the Screening Point may use the SU transaction or make major data element changes (RCN, NIIN/NSN, Contract Number or CAGE Code). In order for the Screening Point to make a major data element change using the SU transaction, the PQDR must be at the Screening Point level. The use of the SU transaction other than specified will result in a (T-44).

AP7.27.1.3.11.   Notice of Defect (Transaction Set Purpose Code FC). Used when Support Point sends PQDR investigation request to a contractor.

AP7.27.1.3.12.   Information Copy (Transaction Set Purpose Code 22). Used to send information copy of PQDR to another system. Used for dissemination to non-action activities outside of the PQDR process in another system. Used to provide PQDR to other agencies with a need to know. All data fields should be sent to present the entire PQDR to the receiver.

AP7.27.1.4.   System Transactions. System transactions are used to confirm data receipt and communicate transaction failures to the sending system.

AP7.27.1.4.1.   Rejection (Transaction Rejection) (Transaction Set Purpose Code 44). Used when the 842P transaction is non-compliant with this standard or when a recipient system of an 842P is unable to process a transaction due to its data requirements (i.e., duplicate RCN). This transaction is both system generated, and user defined.

AP7.27.1.4.2.   Confirmation (Confirmation of Transaction Receipt) (Transaction Set Purpose Code 06). Used by an automated IT system to confirm transaction receipt from another system.

AP7.27.2.   PRODUCT QUALITY DEFICIENCY REPORT SPECIFIC DATA ELEMENTS.

AP7.27.2.1.   Product Quality Deficiency Report (PQDR) Status Code.

AP7.27.1.1.   Definition. A two-character alpha-numeric compound code consisting of the PQDR STATE (active or closed) in the first position, and either the active PQDR's LAST KEY EVENT CODE or the closed PQDR's CLOSURE REMARK CODE in the second position.

AP7.27.1.1.1. PQDR STATE: A single character alphabetic code indicating whether the status of a PQDR is "Active" (permitted value = A) or "Closed" (permitted value = C)

AP7.27.1.1.2. LAST KEY EVENT CODE: A single character alpha-numeric code used to indicate the last key event accomplished in processing an active PQDR. Used with PQDR STATE = A.

AP7.27.1.1.3. CLOSURE REMARK CODE = A code used **with (T-53)** to indicate the circumstances under which a PQDR was closed. Used with PQDR STATE = C.

AP7.27.1.2. Usage. Facilitates workflow efficiencies for functional users, and program management metrics for oversight and analyses of process performance and production issues.

AP7.27.1.3. DLMS 842P Reference***: 2/LQ01/1050 Code PQS Product Quality Deficiency Reporting Status Code.***

AP7.27.1.4. PQDR Status Codes are listed in Table AP7.27.T1:

Table AP7.27.T1. <u>PQDR Status Codes</u>

Code	Literal
<Blank>	Draft Record
A1	Child PQDR
A2	Screening Pt Request For Information
A3	Action Point Request For Information
A4	~~Support Point Request For Information~~ *Request for Support Point Investigation*
A8	Awaiting Verification Of Corrective Action
A9	Stock Screened PQDR
AA	*Request for Additional Information*
AB	Under Engineering Review
AC	Investigation Requested Of Action Pt
AD	Action Point Accepted PQDR for Investigation
AE	Exhibit Requested
AF	Exhibit Shipped
AG	Case/PQDR Reopened
AH	PQDR Rebutted Back To Support Pt
AI	Information Only/Trending Purposes
AJ	Awaiting Credit Recommendation Or Credit Reversal

Table AP7.27.T1. PQDR Status Codes

Code	Literal
AK	Awaiting Other Closing Delay
AM	Awaiting Final Materiel Disposition Instructions
AN	Awaiting Funds
AO	Record Returned To Originator
AP	Action Pt Inv Report Submitted
AQ	Investigation Requested Of Support Pt
AR	~~Awaiting Reqs Approval/ECP~~ *Request for Additional Information*
AU	*Other*
CA	Invalid PQDR
CC	Nonresponsive Investigation
CD	Defect Previously Investigated
CE	Enhancement
CF	Exhibit Unavailable
CG	Investigation Completed Without Exhibit (Not Requested)
CH	No Investigation - Exhibit Damaged
CI	Information Only/Reliability Data
CJ	Investigation With Damaged Exhibit
CK	Contractor Unwilling To Investigate
CN	Manufacturing Sources Or Technical Data No Longer Available
CO	Child PQDR
CP	Investigation Completed With Exhibit
CR	Stock Screened PQDR
CS	No Closing Data Received From External System
CT	Missing Necessary Information
CU	Investigation Could Not Validate Defect
CV	Corrected And Verified
CW	Isolated Incident/Acceptable Risk
CX	Cancelled Record
CY	Closed Under Warranty Provisions

Table AP7.27.T1. PQDR Status Codes

Code	Literal
CZ	Administrative Closing

AP7.27.2. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) REBUTTAL/ CONTROVERT CODE

AP7.27.2.1. Definition. A 2-character alpha compound code, consisting of the rebuttal "Point Of Origin" (Screening Point, or Action Point) in the first position, and the rebuttal "Reason" in the second position.

AP7.27.2.1.1. Point Of Origin: A single character alphabetic code indicating who generated the rebuttal: Action Point (permitted value = A) or Screening Point (permitted value = S). Originator's rebuttal generates an official correspondence to the screening point for review, but it does not open a closed record. Screening point may accept request to reopen for originator and reopen PQDR for further investigation.

AP7.27.2.1.2. Reason: A single character alphabetic code indicating the reason for the rebuttal being generated.

AP7.27.2.2. Usage. Provides mechanism to facilitate program oversight.

AP7.27.2.3. DLMS 842P Reference: 2/LQ01/1050 Code CW.

AP7.27.2.4. PQDR Rebuttal/Controvert Reason Codes are listed in Table AP7.27.T2:

Table AP7.27.T2. PQDR Rebuttal/Controvert Reason Codes

Code	Literal
C	Root Cause Not Addressed
D	Responsible Party Not Addressed
E	Corrective Action Not Addressed
E	Corrective Action Not Addressed
F	Disposition Not Addressed
G	Credit Not Addressed
H	Preventive Action Not Addressed
I	Incomplete Or Incorrect PQDR Information On Closing Letter
M	Multiple Reasons For Rebuttal

Table AP7.27.T2. PQDR Rebuttal/Controvert Reason Codes

Code	Literal
N	Disagree With Closing Response/Findings
O	Other - Not Covered By A Defined Code
R	Repeat Rebuttal
S	Response Truncated Or Not Submitted In Proper Format
T	Case Reopened Due To Delayed Receipt Of Exhibit Or Data
U	Update Or Change Requested
V	Response Needs Clarification
W	Response Is For Wrong PQDR

AP7.27.3. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) CREDIT CODE

AP7.27.3.1. Definition. A single character alpha code used to describe whether credit or other form of resolution is authorized.

AP7.27.3.2. Usage. Used by Screening/Action point to provide the originator with current status of financial liability on reported materiel. Secondary usage is to support management metrics. ~~This code appears in the 10th position of the PQDR Summary Code.~~

AP7.27.3.3. ~~DLMS 842P Reference: 10th position of PQDR Summary Code at~~DLMS 842P Reference: *2/LQ01/1050/P2C – PQDR Credit Code (new data element).*

AP7.27.3.4. PQDR Credit Codes are listed in Table AP7.27.T3

Table AP7.27.T3. PQDR Credit Codes

Code	Literal
F	*Repaired by User*
P	*Vendor Replacement*
R	*Vendor Repair*
S	*Source of Supply Replacement*
T	*Source of Supply Repair*
W	Credit Authorized
X	No Credit Authorized

AP7.27.4. ~~PRODUCT QUALITY DEFICIENCY REPORT (PQDR) EXHIBIT DISTRIBUTION STATUS CODE[1]~~

~~AP7.27.4.1. Definition. Code indicates status/control of exhibit during the transportation process. Transportation process starts when the originator passes materiel to shipper and ends when consignee takes control of the materiel.~~

~~AP7.27.4.2. Usage. To ensure proper and effective processing in order to maintain valid PQDR resolution time frames~~

~~AP7.27.4.3. DLMS 842P Reference: 2/REF01/0700 Code KC.~~

~~AP7.27.4.4. PQDR Exhibit Distribution Status Codes are listed in Table AP7.27.T4~~

~~Table AP7.27.T4. PQDR Exhibit Distribution Status Codes~~

~~Code~~	~~Literal~~
~~1~~	~~In transit (user still owner, but not in control)~~
~~2~~	~~In staging, awaiting onward transportation~~
~~3~~	~~Received by Consignee~~

AP7.27.5. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) EXHIBIT CURRENT DISPOSITION CODE

AP7.27.5.1. Definition. A single character alpha code, used to identify the status of exhibit materiel from originator point of view on initial PQDR Submission.

AP7.27.5.2. Usage. Provide mechanism to identify exhibit initial locations. ~~This code appears in the 13th position of the PQDR Summary Code.~~

AP7.27.5.3. DLMS ~~842P Reference: 13th position of PQDR Summary Code at~~ ***842P Reference: 2/LQ01/1050/CDC – Current Disposition Code (new data element).***

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[1] Refer to ADC 1007C.

AP7.27.5.4. PQDR Exhibit Current Disposition Codes are listed in Table AP7.27.T5:

Table AP7.27.T5. PQDR Exhibit Current Disposition Codes

Code	Literal
H	Holding Exhibit
D	Disposed or Destroyed
R	Repaired
O	Other

AP7.27.6. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) EXHIBIT ~~CURRENT DISPOSITION~~ *DELIVERY REQUIREMENT* CODE

AP7.27.6.1. Definition. A single character alpha code, used to identify the status of exhibit materiel from the action or support point of view.

AP7.27.6.2. Usage. Use to identify the Exhibit Delivery Requirement Code from the Action or Support Point. This provides verification that the exhibit is required and should be sent or held by originator.

AP7.27.6.3. *DLMS 842P Reference: 2/LQ01/1050 Code PQR Product Quality Exhibit Delivery Requirement Code.*

AP7.27.6.4. PQDR Exhibit Delivery Requirement Codes are listed in Table AP7.27.T6:

Table AP7.27.T6. PQDR Exhibit Delivery Requirement Code

Code	Literal
H	Hold Exhibit
N	Exhibit Not Required
Q	Exhibit Required (but not Requested)
R	Exhibit Requested

AP7.27.7. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) ~~EXHIBIT CURRENT DISPOSITION~~ *OPERATING TIME AT FAILURE* CODE AP

AP7.27.7.1. Definition. A two character alphanumeric code, used for measure of time or events as listed in Table AP7.27.T7 for data elements: Operating Time at Failure, Time Since New/Overhaul, and Time Since Installation.

AP7.27.7.2. Usage. Use to identify the quantity of time a unit entered operational service as a new or overhauled item to time the deficiency was discovered. Operating Time Codes are mapped as Unit of Measure Codes associated with the applicable quantified value for Operating Time at Failure, Time Since New/Overhaul, or Time Since Installation.

AP7.27.7.3. DLMS 842P Reference: 2/QTY03-01/2700.

AP7.27.7.4. Operating Time Codes are listed in Table AP7.27.T7:

Table AP7.27.T7. Operating Time Codes[2]

Code	Literal	Notes
03	Seconds	
14	Catapult Shots	Used to document the number of launches an aircraft has been launched, i.e. aircraft catapult systems and/or unmanned air vehicles.
7A	Landings	Used to document the number of landings an aircraft has completed.
7C	Flight Hours	Used to document the amount of time in hours that an aircraft/equipment has been flying.
1N	Starts	
B7	Cycles	Use to indicate cycles of equipment, e.g., engine start-up and stop, or take-off and landings.
DA	Days	
DH	Miles	
FT	Foot	
HR	Hours	
IS	Arrestments	Used to document the number of times an aircraft has engaged arresting gear to stop forward momentum of a routine or emergency landing or an aborted takeoff.

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[2] Codes 7A and 7C are established Local Codes. A data maintenance action has been submitted for establishment of "7A – Landings" and "7C – Flight Hours" in a future X12 Version. Refer to ADC 1007C.

Table AP7.27.T7. Operating Time Codes[2]

Code	Literal	Notes
MJ	Minutes	
MO	Months	
RH	Running or Operating Hours	
RO	Rounds Fired	
T8	*Time Since New/Overhaul*	*New X12 data element*
T9	*Time Since Installation*	*New X12 data element*
YR	Year	
UN	Unit, other than listed above	

AP7.27.8. Product Quality Deficiency Report (PQDR) Reject Advice Code.

AP7.27.8.1. Definition. A two-position alpha code used with transaction set purpose code 44, identifying the reason a transaction was rejected.

AP7.27.8.2. Usage. Informs the originator of a transaction, the reason for rejection, and indicates return of the transaction for correction and resubmission.

AP7.27.8.3. DLMS 842P Reference: 2/LQ01/1050/RAC PQRD Reject Advice Code. (new data element)

AP7.27.8.4. PQDR Reject Advice Codes are listed in Table AP7.27.T8:

Table AP7.27.T8. Reject Advice Code.

Non-Security Assistance User Defined Reject Advice Codes	
Code	*Literal*
701	*PQDR rejected. Incorrect Screening Point assigned*
702	*PQDR rejected. Incorrect Action Point assigned – different IMM exists*

703	PQDR Rejected. Report does not meet the requirements of a PQDR – invalid report.
704	PQDR Rejected. Acceptable substitute issued for materiel requisitioned.
705	PQDR rejected. Material shipped prior to cancellation request.
706	PQDR rejected. Report identifies a supply discrepancy. Resubmit as a SDR.
707	PQDR rejected. Requisition document is not from Action Point Source of Supply.

Security Assistance User Defined Reject Advice Codes	
Code	*Literal*
80_	*(Reserved for Future Use)*

Systemic Reject Advice Codes	
Code	*Literal*
901	Transaction rejected. Discrepancy report canceled.
902	Transaction rejected. Record is currently open and cannot be reopened until closed.
903	Transaction rejected. Missing or invalid requisition document number (or document number/suffix).
904	Transaction rejected. Missing or invalid report control number.
905	Transaction rejected. Duplicate report control number.
906	Transaction rejected. Missing or invalid discrepant quantity.
907	Transaction rejected. Missing or invalid point of contact name.
908	Transaction rejected. Missing or invalid point of contact phone number/email.
909	Transaction rejected. Missing or invalid transaction date.

910	*Transaction rejected. Missing or invalid deficiency discovery date.*
911	*Transaction rejected. Narrative missing.*
912	*Transaction rejected. No record found.*
913	*Transaction rejected. Missing or invalid materiel identification.*
914	*Transaction rejected. Missing materiel nomenclature.*
915	*Transaction rejected. Missing PQDR category.*
916	*Transaction rejected. Missing, invalid, or unauthorized use of DoDAAC or MAPAC*
917	*Transaction rejected. Missing or invalid transaction set purpose code.*
918	*Transaction rejected. Missing action requested.*
920	*Transaction rejected. Exhibit shipment information provided prior to exhibit request.*
921	*Transaction rejected. Exhibit status information provided prior to exhibit request.*
922	*Transaction rejected. Exhibit receipt information provided prior to exhibit request.*
923	*Transaction rejected. Exhibit receipt information received prior to exhibit shipped transaction.*
924	*Transaction rejected. Exhibit shipping information missing exhibit shipped date.*
925	*Transaction rejected. Exhibit shipping information missing exhibit shipped quantity.*
926	*Transaction rejected. Exhibit shipping information missing exhibit shipped to address.*
927	*Transaction rejected. Exhibit shipping information missing exhibit shipped tracking number.*
928	*Transaction rejected. Exhibit receipt information missing exhibit receipt date.*

929	*Transaction rejected. Exhibit receipt information missing exhibit receipt quantity.*
930	*Transaction rejected. Exhibit Disposition (ED) transaction provided prior to Material Disposition (MD) transaction.*
931	*Transaction rejected. Invalid special character used.*
932	*Transaction rejected. Time to failure missing measurement code.*
933	*Transaction rejected. Final reply missing defect responsibility.*
934	*Transaction rejected. Final reply missing severity of the defect.*
935	*Transaction rejected. Final reply missing broad cause.*
936	*Transaction rejected. Final reply missing detailed cause.*
937	*Transaction rejected. Final reply missing preventative action.*
938	*Transaction rejected. Final reply missing corrective action.*
939	*Transaction rejected. Final reply missing final exhibit disposition.*
940	*Transaction rejected. Transaction 03 ~~RR~~ missing Retraction Reason Code.*
941	*Transaction rejected. Transaction CO missing General Correspondence Purpose Code.*
942	*Transaction rejected. Transaction 25 missing Interim Reply Code.*
943	*Transaction rejected. Transaction 01 missing Cancellation Code.*
944	*Transaction rejected. Transaction 00 missing Discovery Defect Codes.*
945	*Transaction rejected. Transaction 00 missing FMS case number.*
946	*Transaction rejected. Transaction 03 submitting after PQDR acknowledgement.*
947	*Transaction Rejected. T-SU submitted for major data element change when not at Screening Point.*

AP7.27.9. Product Quality Deficiency Report (PQDR) Retract Reason Code.

AP7.27.9.1. Definition. A two-position alpha numeric code used with transaction set purpose code 03 to describe the reason for requesting the PQDR be returned to the previous level.

AP7.27.9.2. Usage. Request a PQDR be returned back to the previous level due to incorrect routing or to make major data element changes to the PQDR that could result in changes to the Screening Point, Action Point or Support Point. .

AP7.27.9.3. DLMS 842P Reference: 2/LQ01/1050/PQC PQDR Retract Reason Code (new data element)

Table AP7.27.T9. PQDR Retraction Reason Code

Code	Literal
A1	Incorrect Screening Point Assigned
A2	Incorrect Action Point Assigned
A3	Incorrect Support Point Assigned
B1	Major Data Element Correction Required

AP7.27.10. Product Quality Deficiency Report (PQDR) General Correspondence Purpose Code.

AP7.27.10.1. Definition. A two-position alpha code used with transaction set purpose code CO, informing the purpose for the general correspondence.

AP7.27.10.2. Usage. Informs the recipient of the main purpose of the communication, i.e., gain in discrepant quantity, decrease in discrepant quantity, point of contact change, etc.

AP7.27.10.4. DLMS 842P Reference: 2/LQ01/1050/GCP PQDR General Correspondence Purpose Code (new data element)

Table AP7.27.T10. PQDR General Correspondence Purpose Code

Code	Literal
GN	Gain or increase in quantity reported
LS	Loss or decrease in quantity reported
CC	Change in point of contact information

Table AP7.27.T10. PQDR General Correspondence Purpose Code

Code	Literal
IP	Requested information provided
MI	Minor Data Element Change Required
MJ	Major Data Element Change Required
MR	Follow Up Requested Due to Late/Missed Interim Reply
OT	Other

AP7.27.11. Product Quality Deficiency Report (PQDR) Interim Reply Codes.

AP7.27.11.1. Definition. A two- position alpha code describing the current interim status causing delay the delay in the PQDR investigation.

AP7.27.11.2. Usage. Informs the recipient of the status and reason that the investigation is pending final completion.

AP7.27.11.3. DLMS 842P Reference: 2/LQ01/1050/IRC PQDR Interim Reply Code (new data element).

Table AP7.27.T11. PQDR Interim Reply Codes

Code	Literal
AE	Pending for Engineering Response
AR	Pending Approving Official Review Prior to Completion Notification
CR	Pending Credit/Replacement Determination
ED	Pending Exhibit Disposition Confirmation
ER	Exhibit Requested, Awaiting Exhibit
IR	Awaiting IM Response
MD	Pending Material Disposition
OR	Awaiting Originator Response
PA	Pending Post Award Review
PM	Awaiting PM Review
PR	Pending Pre-positioned Materiel Request
RR	Pending Requisition Number request

Table AP7.27.T11. PQDR Interim Reply Codes

Code	Literal
SC	Awaiting Screening Pt Response
SP	Awaiting Support Pt Response
SR	Pending Shipment Received (Exhibit)
SS	Pending Stock Screening Results
TD	Awaiting Design Information
TR	Awaiting Test Results
VL	Pending Vendor Litigation
VR	Awaiting Vendor Response
VR	Pending Vendor Receipt of Exhibits

AP7.27.12. **Product Quality Deficiency Report (PQDR) Cancellation Codes.**

AP7.27.12.1. Definition. A two-position numeric code used with transaction set purpose code 01, describing the reason for PQDR cancellation.

AP7.27.12.2. Usage. Informs the recipient why the PQDR was cancelled.

AP7.27.12.3. DLMS 842P Reference: 2/LQ01/1050/PCC PQDR Cancellation Code (new data element).

AP7.27.T12 PQDR Cancellation Codes

Code	Description
19	Exhibit Compromised
22	Exhibit Not Received by Customer Service
17	Exhibit Not Received by Supply
26	Exhibit Unavailable - Not Marked as a PQDR
27	Exhibit Unavailable - Released by Supply (BCM'd)
24	Exhibit not Received by DCMA

25	**Exhibit not Received by Inter-Service Agency (Air Force, Army, etc...)**
23	**Request Cancellation by Submitting Unit**
21	**Wrong Exhibit Shipped**
20	**Cancelled due to non-responsiveness of Originator**
18	**Deficiency reported is an SDR**

AP7.27.13. Defect Code. Originators are required to provide a Defect Code as part of the Transaction Set Purpose Code 00 data transmission, detailing what the Originator believes the cause of deficiency is.

AP7.27.13.1. Definition. A three-position alpha numeric code detailing what the Originator of the PQDR believes is the detailed cause of the defect. These codes are identical to the Detailed Cause codes required to be used by Action Point or Support Points at the conclusion of the PQDR investigation.

AP7.27.12.2. Usage. Informs the recipient what the Originator believes is the detailed cause of the quality deficiency.

AP7.27.12.3. DLMS 842P Reference: 2/LQ01/1050/PDD PQDR Discovery Code (new data element).

Table AP7. 27.T13. Discovery Defect Codes

Code	Literal
1AA	**Material, Incorrect**
1AB	**Blank Intentionally**
1AC	**Welding**
1AD	**Coating, Protective**
1AE	**Marking Improper**
1AF	**Installation Improper**
1AG	**Blank Intentionally**
1AH	**Manufacturing /Fabrication**
1AI	**Soldering Inadequate**
1AJ	**Lubrication Improper**
1AK	**Documentation Missing**
1AL	**Blank Intentionally**
1AM	**Damaged (Visual)**
1AN	**Component Failure**
1AO	**Blank Intentionally**
1AP	**Brazing**

1AQ	Bonding
1AR	Potting
1AS	Heat Treat
1AT	Plating
1AU	Chemical Film
1AV	Impregnation
1AW	Kitting
1AX	Machining (Cutting, Grinding, Etc.)
1AY	Cleaning
1AZ	Clean Room
2AA	Technical Data Package, Incorrect/Incomplete
2AB	Blank Intentionally
2AC	Blank Intentionally
2AD	Test Procedures, Inadequate
2AE	Blank Intentionally
2AF	Blank Intentionally
2AG	Configuration Control, Inadequate
2AH	Instructions, Work
2AI	Design, Inadequate
2AJ	Operational Malfunction, Electrical
2AK	Material Defective, Electrical
2AL	Operational Malfunction, Electronic
2AM	Material Defective, Electronic
2AN	Operational, Malfunction, Mechanical
2AP	Blank Intentionally
2AR	Preservation/Packaging
3AA	QA Requirements, Inadequate
3AB	Blank Intentionally
3AC	Drawing, Procured
3AD	Maintenance Procedure, Improper
3AE	Overhaul, Incomplete
3AF	Torque, Improper
3AG	Blank Intentionally
3AH	Computer (Software) Quality Assurance / Software, Incomplete
3AI	Test Equipment, Automatic
3AJ	Calibration
3AK	Testing, Electronic
3AL	Testing, Mechanical
3AM	Testing, Nondestructive
3AN	Inspection, Final
3AO	Blank Intentionally
3AP	Chemical Analysis
4AA	Shelf-Life Expired
4AB	Shelf-Life Inappropriate
4AC	Blank Intentionally

4AD	Technical Manual Error
4AE	Field Fix, Improper
4AF	Electrostatic Sensitive Device Controls
4AG	Lead Free Solder
5AA	Purchasing Error
5AB	Certification, Vendor
5AC	Inspection, Receiving
5AD	Blank Intentionally
5AE	Material, Segregation of Nonconforming
5AF	Blank Intentionally
5AG	Blank Intentionally
5AH	Blank Intentionally
5AI	Test, Pressure
5AJ	Verification, Mechanical Properties
5AK	Material Defective, Mechanical
5AL	Material, Unauthorized Substitution
5AM	Specification Error
5AN	Material Identification/Mic
5AO	Mercury Free Requirement, Noncompliance
5AP	Contamination
5AQ	Finish
5AR	Assembly, Improper
5AS	Counterfeit Parts, Suspect
9XA	Undetermined – Isolated Case
9XB	Undetermined – Info Only
9XC	Undetermined – Exhibit Unavailable
9XD	Undetermined – Defect Not Duplicated
9XE	Undetermined – Item Warranty Procedures
9XX	Undetermined - Other: The root cause of the defect could not be determined for reason other than listed. use of this code requires the reason(s) for inability to identify the root cause to be stated as part of the investigation report. (For Example: budgetary constraints, equipment or test procedures are no longer practical for investigation, etc.)
9XY	Other Than Listed: Use of this code requires the detailed cause be identified as part of the investigation report.
9XZ	Invalid Report: The PQDR did not meet the requirements of DLAR 4155.24 and is considered invalid.

AP7. 27.3. Product Quality Deficiency Investigative Closing Codes.

AP7. 27. 13.1. The information to be entered in each data element is dependent upon the type and cause of the deficiency and the information requested may not be appropriate in all cases. The information requested is typical when the cause of the deficiency is due to non-conformance with contract

requirements. The investigative closing codes provide specific details about the findings of the investigation. Together these codes make up seven segments of investigation related data forming a nine-position code referred to as the Summary Code.

AP7.27.13.2. The seven segments of closing data include (1) defect responsibility, (2) severity of the defect, (3) broad classification of the cause, (4) detailed cause of the defect, (5) preventative action taken because of the defect, (6) corrective action taken for the defective materiel, and (7) disposition of the deficient materiel. Each segment and their corresponding codes can be found in 27.T14 through 27.T20.

AP7.27.T14. SEGMENT 1 – Deficiency Responsibility - 1st Position

842P Reference: 2/LQ01/1050/DRC – Deficiency Responsibility Code (new data element).

Code	Literal	Notes
1	Private Contractor	The cause of the defect occurred at a contractor-operated facility and was determined to be a contractor's error.
2	Procurement Agency	The defect was the result of a faulty procurement package and the responsibility of the buying command activity for contracting and procurement of the materiel.
3	Government Manufacturer (Organic Facility)	The defect was caused by a contractor manufacturing error at a government-operated manufacturing facility.
4	Design Agency	The cause of the defect was due to a faulty Technical Data Package (TDP) or performance and technical requirements and the responsibility of the design activity.
5	Government Overhaul Facility	The cause of the defect occurred at a government operated overhaul facility not including field maintenance.
6	Using Activity	The defect occurred as a result of user error and is the responsibility of the user activity.
7	Government Supply Activity	The defect occurred at a government supply facility for storing and requisitioning the materiel.
8	Unknown	Responsible party for the cause of the defect could not be determined. Use of this code requires the reason(s) for inability to identify responsibility to be

		stated as part of the investigation report. (For example: budgetary constraints, equipment or test procedures are no longer practical for the investigation, Exhibit Not Available, etc.).
9	*Invalid Report*	*The PQDR did not meet the requirements of DLAR 4155.24 and is considered invalid.*
10	*Blank (Intentionally)*	
11	*Field Maintenance*	*The cause of the defect occurred during field maintenance, evaluation or operation and is the responsibility of the field activity.*

Table AP7.27.T15. SEGMENT 2 - Severity of Defect - 2nd Position

842P Reference: 2/LQ01/1050/SDC – Severity of Defect Code (new data element).

Code	*Literal*	*Description*
1	*Critical*	*A nonconformance that judgment and experience indicate is likely to result in hazardous or unsafe conditions for individuals using, maintaining, or depending upon the supplies or services or is likely to prevent performance of a vital agency mission.*
2	*Major*	*A nonconformance, other than critical, that is likely to result in failure, or to materielly reduce the usability of the unit of supplies or services for their intended purpose.*
3	*Minor*	*A nonconformance that is not likely to materielly reduce the usability of the supplies or services for their intended purpose or is a departure from established standards having little bearing on the effective use or operation of the supplies or services.*
4	*Unknown*	
5	*No Defect Found*	

Table AP7.27.T16. SEGMENT 3 - Broad Cause - 3rd Position

842P Reference: 2/LQ01/1050/BCD – Broad Cause of Defect Code (new data element).

Code	Literal	Notes
A	Normal Wear and Tear & Component (Worn Out)	Indicates that the reported deficiency is attributed to normal wear and tear of the item, within expected or designed performance levels. The PQDR is considered invalid.
C	Contract Error	The actual contract was in error, e.g., wrong part number called out, wrong specification cited, etc.
D	Technical Data Package (TDP)/Design Error	Contractor met requirements but the TDP or specified design requirements were inadequate and resulted in defective materiel.
M	Maintenance Error	Defect occurred during the repair, rework, modification, or overhaul of the item.
N	Contractor Noncompliance	Contractor (Government or private) failed to meet one or more contractual manufacturing requirements, resulting in defective materiel.
P	Part Application	Part Complies but is not usable in the application.
S	Shelf-Life Problem	The item's shelf-life was expired or inappropriate.
U	Misuse Of Item	The originator caused the defect through misuse.
V	Operated Beyond Life Limits	Component operated past life limits set by design or engineering
X	Undetermined	The cause of the defect could not be determined. Use of this code requires the reason(s) for inability to identify the broad cause to be stated as part of the investigation report. (For example: budgetary constraints, equipment or test procedures are no longer practical for investigation, Exhibit Not Available, etc.).
Z	Invalid Report	The PQDR did not meet the requirements of DLAR 4155.24 and is considered invalid. Invalid Report will not be used to closed Child PQDRs. Child PQDRs are VALID.

Table AP7.27.T17. SEGMENT 4 - Detailed Cause - 4th, 5th, and 6th Position

842P Reference: 2/LQ01/1050/PDC – PDQR Detailed Cause Code (new data element).

Code	Literal
1AA	Material, Incorrect
1AB	Blank Intentionally
1AC	Welding
1AD	Coating, Protective
1AE	Marking Improper
1AF	Installation Improper
1AG	Blank Intentionally
1AH	Manufacturing /Fabrication
1AI	Soldering Inadequate
1AJ	Lubrication Improper
1AK	Documentation Missing
1AL	Blank Intentionally
1AM	Damaged (Visual)
1AN	Component Failure
1AO	Blank Intentionally
1AP	Brazing
1AQ	Bonding
1AR	Potting
1AS	Heat Treat
1AT	Plating
1AU	Chemical Film
1AV	Impregnation
1AW	Kitting
1AX	Machining (Cutting, Grinding, Etc.)
1AY	Cleaning
1AZ	Clean Room
2AA	Technical Data Package, Incorrect/Incomplete
2AB	Blank Intentionally
2AC	Blank Intentionally
2AD	Test Procedures, Inadequate
2AE	Blank Intentionally
2AF	Blank Intentionally
2AG	Configuration Control, Inadequate
2AH	Instructions, Work
2AI	Design, Inadequate
2AJ	Operational Malfunction, Electrical
2AK	Material Defective, Electrical
2AL	Operational Malfunction, Electronic
2AM	Material Defective, Electronic
2AN	Operational, Malfunction, Mechanical
2AP	Blank Intentionally
2AR	Preservation/Packaging

3AA	QA Requirements, Inadequate
3AB	Blank Intentionally
3AC	Drawing, Procured
3AD	Maintenance Procedure, Improper
3AE	Overhaul, Incomplete
3AF	Torque, Improper
3AG	Blank Intentionally
3AH	Computer (Software) Quality Assurance / Software, Incomplete
3AI	Test Equipment, Automatic
3AJ	Calibration
3AK	Testing, Electronic
3AL	Testing, Mechanical
3AM	Testing, Nondestructive
3AN	Inspection, Final
3AO	Blank Intentionally
3AP	Chemical Analysis
4AA	Shelf-Life Expired
4AB	Shelf-Life Inappropriate
4AC	Blank Intentionally
4AD	Technical Manual Error
4AE	Field Fix, Improper
4AF	Electrostatic Sensitive Device Controls
4AG	Lead Free Solder
5AA	Purchasing Error
5AB	Certification, Vendor
5AC	Inspection, Receiving
5AD	Blank Intentionally
5AE	Material, Segregation of Nonconforming
5AF	Blank Intentionally
5AG	Blank Intentionally
5AH	Blank Intentionally
5AI	Test, Pressure
5AJ	Verification, Mechanical Properties
5AK	Material Defective, Mechanical
5AL	Material, Unauthorized Substitution
5AM	Specification Error
5AN	Material Identification/Mic
5AO	Mercury Free Requirement, Noncompliance
5AP	Contamination
5AQ	Finish
5AR	Assembly, Improper
5AS	Counterfeit Parts, Suspect
9XA	Undetermined – Isolated Case
9XB	Undetermined – Info Only
9XC	Undetermined – Exhibit Unavailable

9XD	*Undetermined – Defect Not Duplicated*
9XE	*Undetermined – Item Warranty Procedures*
9XX	*Undetermined - Other: The root cause of the defect could not be determined for reason other than listed. use of this code requires the reason(s) for inability to identify the root cause to be stated as part of the investigation report. (For Example: budgetary constraints, equipment or test procedures are no longer practical for investigation, etc.)*
9XY	*Other Than Listed: Use of this code requires the detailed cause be identified as part of the investigation report.*
9XZ	*Invalid Report: The PQDR did not meet the requirements of DLAR 4155.24 and is considered invalid.*

Table AP7.27.T18. <u>SEGMENT 5 - Preventative Action 7th Position</u>

<u>842P Reference:</u> 2/LQ01/1050/PAT – Preventative Action Taken Code (new data element).

Code	Literal
A	*Process Changed (Includes Changes to Process Instructions)*
B	*Initiated Engineering Change Proposal*
C	*Revised Test Procedures*
D	*Revise/Reviewed Specification/Drawing/Technical Order, Publication/Manual*
E	*Blank Intentionally*
F	*Issued Technical/Safety Bulletins*
G	*Improved Packaging*
H	*Change Contractual Requirements for Future Buys*
I	*Policy Changed*
J	*Quality Assurance Requirements Changed*
K	*Training Provided/Modified*
L	*Blank Intentionally*
M	*Further Investigation to Determine Root Cause And Corrective Action*
N	*Corrective Action Request Submitted*
O	*Contract Terminated*
P	*Source Qualification Revoked / Removed as Approved Source From Total Item Record.*
Q	*Blank Intentionally*
R	*No Preventative Action - Operational Risk Accepted – Use Of This Code Is Restricted To The PQDR Owner Or Service Only.*
X	*No Preventative Action - Use of This Code Requires The Reason(S) For No Preventative Actions To Be Stated As Part Of The Investigation Report*
Z	*Invalid Report*

Table AP7.27.T19. SEGMENT 6 - Corrective Action 8th Position

842P Reference: *2/LQ01/1050/CAT – Corrective Action Taken Code (new data element).*

Code	Literal
A	To Be Repaired/Replaced by Contractor At No Cost To Government
B	Repaired By Using Activity - Not Contractor Representative
C	To Be Repaired/Replaced by Govt - Depot/Overhaul Facility
D	Exhibit(S) Scrapped Without Replacement
E	Use-As-Is
F	To Be Repaired/Replaced by Contractor At Government Expense
G	Exhibit Not Required, Turn in Through Normal Supply
H	Consideration Requested
I	No Corrective Action – Acceptable Risk – Use of this code is restricted to the PQDR owner or Service only.
X	No Corrective Action - Use of This Code Requires The Reason(S) For No Corrective Action To Be Stated As Part Of The Investigation Report. (For example: budgetary constraints, equipment or test procedures are no longer practical for investigation, Exhibit Not Available, etc.)
Z	Invalid Report - The PQDR did not meet the requirements of DLAR 4155.24 and was considered invalid.

Table AP7.27.T20. SEGMENT 7 - Final Exhibit Disposition - 9th Position

DLMS 842P Reference: *2/LQ01/1050/FEC – Final Exhibit Disposition Code (new data element).*

Code	Literal	Notes
A	Retained As Is by User	Indicates the user activity retained the exhibit for use as is.
B	Repaired by User for Use	Indicates the user activity maintained or repaired the exhibit for use by the user activity.
C	Return To Supply/User in SCC "A"	Indicates the exhibit was or will be returned to RFI Supply under RFI condition.
D	Return To Supply in SCC "F"	Indicates the exhibit was or will be returned to NRFI Supply under normal repair cycle.
E	Return To Supply in As Suspended/Controlled Assets In SCC "J", "L", Or "Q"	Indicates that exhibit was or is planned to be returned to NRFI Supply under a suspended condition.

F	Return To Supply in SCC "H/S" Condemn/Scrap	Indicates that the exhibit was or is planned to be returned to NRFI Supply to be scraped/destroyed.
G	Return To Vendor Without Re-Supply	Indicates that the exhibit was returned to and retained by the contractor, vendor, or SOS.
H	Holding Activity Authorized to Dispose/Scrap	Indicates the user or holding activity of the exhibit has or has been instructed to scrap or destroy the exhibit.
I	Disposition Not Necessary- No Exhibit Available	Indicates that final disposition of exhibit is not necessary for reasons such as invalid report, info only report, materiel not received, etc.
J	Removed For Conditioned Based Maintenance (CBM) Analysis	Indicates the exhibit was transferred to the CBM program and final Disposition will be executed by CBM.
K	Undetermined	Indicates that final disposition of exhibit is not known or identified as part of the PQDR report

Enclosure 5

DLA Staffing Comments have been addressed in this ADC.

Attachment 1
Revised 842P Implementation Convention (IC) Change Table

Recommended revisions to PDC 1007E have been ==highlighted==.

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
1.	1/BNR01/0200	Update DLMS note(s) for existing codes 00, 03, 06, 08, ==**10,**== 11, 22, 45, 47, CN, CO, DA, ER, FA, FS, RO and SU: 10 Not Found DLMS Note: Used by ==**_Screening Point, Action Point or Support Point_** exhibit requestor== to request status or follow up on an exhibit request==**_, exhibit shipment or exhibit receipt_**==.	Clarify intended use of the qualifiers
2.	2/LQ01/1050	Update DLMS note for the following existing codes and add new codes ARC, BCD, CAT, CDC, DRC, DVC, FEC, GCP, IRC, PAT, P1C, P2C, PCC, PCD, PDD, PQC, PQR, PQS, RAC, and SDC: *ARC Action Requested Code* *DLMS Note:* ==**_Fourteenth Position of the PQDR Summary Code._**== *2. SF368 Block 21: Use codes C-Credit, R-Repair, E- Replacement, or O-Other This field may only be populated and/or updated by the Originating Point.* *3. A data maintenance action will be submitted to X12 to establish 'ARC – Action Requested Code' in a future version* *CDC Current Disposition Code* *DLMS Note:* ==**_Thirteenth Position of the PQDR Summary Code._**== *4. SF368 Block 19: Use codes H-Holding Exhibit, D-Disposed of/Destroyed, R-Repaired, or O-Other.* *5. This field may only be populated and/or updated by the Originating Point.* *6. A data maintenance action will be submitted to X12 to establish 'CDC – Current Disposition Code' in a future version.* *DVC Defect Verified Code* *DLMS Note:* ==**_Eleventh Position of the PQDR Summary Code._**== *1. Definition: Code used to indicate whether the defect actually existed as described. Use codes N-Defect not verified, O-Other Than reported, U-Unable to Test, Y-Defect Verified This field may be populated/updated by the Screening Point, Action Point, or the Support Point.* *2. A data maintenance action will be submitted to X12 to establish 'DVC – Defect Verified Code' in a future version* *P1C PQDR Cost Code* *DLMS Note:* ==**_Twelfth Position of the PQDR Summary Code._**==*Definition AKA DLA Cost Code. Use Codes C-Cost to Gov't (Commercial Supplier), G-Cost to Navy(Government Manufacturer/Supplier), N-No*	Clarify intended use of the qualifiers and add new codes.

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		Cost to Gov't (Commercial Supplier), U-undetermined, Z-NoCost to Navy (Government Manufacturer /Supplier)	
		1. This field may only be populated/updated by the Screening Point or Action Point.	
		2. A data maintenance action will be submitted to X12 to establish 'P1C – PQDR Cost Code' in a future version	
		P2C PQDR Credit Code	
		DLMS Note: ~~Tenth Position of the PQDR Summary Code. AKA Credit Code.~~	
		3. Definition: A single character alpha code used to describe whether credit or other form of resolution is authorized. Use only codes: F-Repaired by user, P-Vendor Replacement, R-Vendor Repair, S-Source of Supply Replacement, T-Source of Supply Repair, W-Credit Authorized, X-No Credit Authorized. This field may be populated/updated by the Screening Point, Action Point, or the Support Point.	
		4. A data maintenance action will be submitted to X12 to establish 'P2C – PQDR Credit Code' in a future version	

Attachment 2

Revised DLM 4000.25, Volume 2, Appendix 7.27, Product Quality Deficiency Report Relevant Data Elements

Recommended revisions (additions/deletions/formatting) to PDC 1007E have been ==highlighted==.

AP7.27 APPENDIX 7.27

PRODUCT QUALITY DEFICIENCY REPORT (PQDR) RELEVANT DATA ELEMENTS

AP7.27.1.3.3.   Corrected (General Correspondence) (Transaction Set Purpose Code CO).   Used to transmit a general correspondence information concerning the PQDR status from the sender to the receiver, or to send corrections with an explanation of changes. For inter-service PQDRs, the Originating Point may only submit this transaction to the Screening Point. ==This transaction will also be used to inform other PQDR processing points when Major Data Element changes are required after they have acknowledged receipt of the PQDR.==

AP7.27.1.3.10.   Status Update (Transaction Set Purpose Code SU). Used to send an update to correct or append specific data fields in another IS. This element may be populated/updated by the Screening Point, Action Point or Support Point ==for minor changes. Only the Screening Point may use the SU transaction or make major data element changes (RCN, NIIN/NSN, Contract Number or CAGE Code). In order for the Screening Point to make a major data element change using the SU transaction, the PQDR must be at the Screening Point level.== The use of the SU transaction other than specified will result in a (T-44).

AP7.27.1.3.12. Information Copy (Transaction Set Purpose Code 22). Used to send information copy of PQDR to another system. Used for dissemination to non-action activities outside of the PQDR process in another system. Used to provide PQDR to other agencies with a need to know. All data fields should be sent to present the entire PQDR to the receiver. ==See citation C24.3.3.6. for mandatory uses of this transaction set.==

AP7.27.2. PRODUCT QUALITY DEFICIENCY REPORT SPECIFIC DATA ELEMENTS.

AP7.27.2.1. Product Quality Deficiency Report (PQDR) Status Code.

Table AP7.27.T1. PQDR Status Codes

Code	Literal
<Blank>	Draft Record
A1	Child PQDR
A2	Screening Pt Request For Information
A3	Action Point Request For Information
A4	~~Support Point Request For Information~~ *Request for Support Point Investigation*
A8	Awaiting Verification Of Corrective Action
A9	Stock Screened PQDR
AA	*Request for Additional Information*
AB	Under Engineering Review
AC	Investigation Requested Of Action Pt
AD	Action Point Accepted PQDR for Investigation
AE	Exhibit Requested
AF	Exhibit Shipped
AG	Case/PQDR Reopened
AH	PQDR Rebutted Back To Support Pt
AI	Information Only/Trending Purposes
AJ	Awaiting Credit Recommendation Or Credit Reversal
AK	Awaiting Other Closing Delay
AM	Awaiting Final Materiel Disposition Instructions
AN	Awaiting Funds
AO	Record Returned To Originator
AP	Action Pt Inv Report Submitted
AQ	Investigation Requested Of Support Pt
AR	~~Awaiting Reqs Approval/ECP~~ *Request for Additional Information*
AU	*Other*
CA	Invalid PQDR
CC	Nonresponsive Investigation
CD	Defect Previously Investigated

Table AP7.27.T1. PQDR Status Codes

Code	Literal
CE	Enhancement
CF	Exhibit Unavailable

AP7.27.3. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) CREDIT CODE

AP7.27.3.2. Usage. Used by Screening/Action point to provide the originator with current status of financial liability on reported materiel. Secondary usage is to support management metrics. ~~This code appears in the 10th position of the PQDR Summary Code.~~

AP7.27.3.3. ~~DLMS 842P Reference: 10th position of PQDR Summary Code at~~ 842P Reference: *2/LQ01/1050/P2C – PQDR Credit Code (new data element).*

~~AP7.27.4. PRODUCT QUALITY DEFICIENCY REPORT (PQDR) EXHIBIT DISTRIBUTION STATUS CODE[3]~~

~~AP7.27.4.1. Definition. Code indicates status/control of exhibit during the transportation process. Transportation process starts when the originator passes materiel to shipper and ends when consignee takes control of the materiel.~~

~~AP7.27.4.2. Usage. To ensure proper and effective processing in order to maintain valid PQDR resolution time frames~~

~~AP7.27.4.3. DLMS 842P Reference: 2/REF01/0700 Code KC.~~

~~AP7.27.4.4. PQDR Exhibit Distribution Status Codes are listed in Table AP7.27.T4~~

~~Table AP7.27.T4. PQDR Exhibit Distribution Status Codes~~

~~Code~~	~~Literal~~
~~1~~	~~In transit (user still owner, but not in control)~~
~~2~~	~~In staging, awaiting onward transportation~~
~~3~~	~~Received by Consignee~~

---

[3] Refer to ADC 1007C.

AP7.27.5.   PRODUCT QUALITY DEFICIENCY REPORT (PQDR) EXHIBIT CURRENT DISPOSITION CODE

AP7.27.5.2.   Usage. Provide mechanism to identify exhibit initial locations. ~~This code appears in the 13th position of the PQDR Summary Code~~.

AP7.27.5.3.   ~~DLMS 842P Reference: 13th position of PQDR Summary Code at~~ *842P Reference: 2/LQ01/1050/CDC – Current Disposition Code* ~~Code~~ *(new data element).*

AP7.27.6.   PRODUCT QUALITY DEFICIENCY REPORT (PQDR) EXHIBIT ~~CURRENT DISPOSITION~~ **DELIVERY REQUIREMENT** CODE

AP7.27.7.   PRODUCT QUALITY DEFICIENCY REPORT (PQDR) ~~EXHIBIT CURRENT DISPOSITION~~ **OPERATING TIME AT FAILURE** CODEAP

*AP*7.27.7.1.   Definition. A two character alphanumeric code, used for measure of time or events as listed in Table AP7.27.T7 for data elements: Operating Time at Failure, Time Since New/Overhaul, and Time Since Installation.

~~Table AP7.27.T7.~~

~~QTY 01 Code~~	~~Literal~~	~~Notes~~
~~OT~~	~~Operating Time at Failure~~	
~~T8~~	~~Time Since New/Overhaul~~	~~New X12 data element~~
~~T9~~	~~Time Since Installation~~	~~New X12 data element~~

Table AP7.27.T7. Operating Time Codes[4]

Code	Literal	Notes
03	Seconds	

---

[4] Codes 7A and 7C are established Local Codes. A data maintenance action has been submitted for establishment of "7A – Landings" and "7C – Flight Hours" in a future X12 Version. Refer to ADC 1007C.

Table AP7.27.T7. <u>Operating Time Codes</u>[4]

Code	Literal	Notes
14	Catapult Shots	Used to document the number of launches an aircraft has been launched, i.e. aircraft catapult systems and/or unmanned air vehicles.
7A	Landings	Used to document the number of landings an aircraft has completed.
7C	Flight Hours	Used to document the amount of time in hours that an aircraft/equipment has been flying.
1N	Starts	
B7	Cycles	Use to indicate cycles of equipment, e.g., engine start-up and stop, or take-off and landings.
DA	Days	
DH	Miles	
FT	Foot	
HR	Hours	
IS	Arrestments	Used to document the number of times an aircraft has engaged arresting gear to stop forward momentum of a routine or emergency landing or an aborted takeoff.
MJ	Minutes	
MO	Months	
RH	Running or Operating Hours	
RO	Rounds Fired	
T8	*Time Since New/Overhaul*	*New X12 data element*
T9	*Time Since Installation*	*New X12 data element*
UN	Unit, other than listed above	

AP7.27.8. Product Quality Deficiency Report (PQDR) Reject Advice Code.

Table AP7.27.T8. Reject Advice Code.

Non-Security Assistance User Defined Reject Advice Codes	
Code	**Literal**
701	PQDR rejected. Incorrect Screening Point assigned
702	PQDR rejected. Incorrect Action Point assigned – different IMM exists
703	PQDR Rejected. Report does not meet the requirements of a PQDR – invalid report.
704	PQDR Rejected. Acceptable substitute issued for material requisitioned.
705	PQDR rejected. Material shipped prior to cancellation request.
706	PQDR rejected. Report identifies a supply discrepancy. Resubmit as a SDR.
707	PQDR rejected. Requisition document is not from Action Point Source of Supply.
Security Assistance User Defined Reject Advice Codes	
Code	**Literal**
80_	(Reserved for Future Use)
Systemic Reject Advice Codes	
Code	**Literal**
901	Transaction rejected. Discrepancy report canceled.

902	*Transaction rejected. Record is currently open and cannot be reopened until closed.*
903	*Transaction rejected. Missing or invalid requisition document number (or document number/suffix).*
904	*Transaction rejected. Missing or invalid report control number.*
905	*Transaction rejected. Duplicate report control number.*
906	*Transaction rejected. Missing or invalid discrepant quantity.*
907	*Transaction rejected. Missing or invalid point of contact name.*
908	*Transaction rejected. Missing or invalid point of contact phone number/email.*
909	*Transaction rejected. Missing or invalid transaction date.*
910	*Transaction rejected. Missing or invalid deficiency discovery date.*
911	*Transaction rejected. Narrative missing.*
912	*Transaction rejected. No record found.*
913	*Transaction rejected. Missing or invalid materiel identification.*
914	*Transaction rejected. Missing materiel nomenclature.*
915	*Transaction rejected. Missing PQDR category.*
916	*Transaction rejected. Missing, invalid, or unauthorized use of DoDAAC or MAPAC*
917	*Transaction rejected. Missing or invalid transaction set purpose code.*
918	*Transaction rejected. Missing action requested.*
920	*Transaction rejected. Exhibit shipment information provided prior to exhibit request.*
921	*Transaction rejected. Exhibit status information provided prior to exhibit request.*
922	*Transaction rejected. Exhibit receipt information provided prior to exhibit request.*

923	*Transaction rejected. Exhibit receipt information received prior to exhibit shipped transaction.*
924	*Transaction rejected. Exhibit shipping information missing exhibit shipped date.*
925	*Transaction rejected. Exhibit shipping information missing exhibit shipped quantity.*
926	*Transaction rejected. Exhibit shipping information missing exhibit shipped to address.*
927	*Transaction rejected. Exhibit shipping information missing exhibit shipped tracking number.*
928	*Transaction rejected. Exhibit receipt information missing exhibit receipt date.*
929	*Transaction rejected. Exhibit receipt information missing exhibit receipt quantity.*
930	*Transaction rejected. Exhibit Disposition (ED) transaction provided prior to Material Disposition (MD) transaction.*
931	*Transaction rejected. Invalid special character used.*
932	*Transaction rejected. Time to failure missing measurement code.*
933	*Transaction rejected. Final reply missing defect responsibility.*
934	*Transaction rejected. Final reply missing severity of the defect.*
935	*Transaction rejected. Final reply missing broad cause.*
936	*Transaction rejected. Final reply missing detailed cause.*
937	*Transaction rejected. Final reply missing preventative action.*
938	*Transaction rejected. Final reply missing corrective action.*
939	*Transaction rejected. Final reply missing final exhibit disposition.*
940	*Transaction rejected. Transaction 03 RR missing Retraction Reason Code.*
941	*Transaction rejected. Transaction CO missing General Correspondence Purpose Code.*

942	*Transaction rejected. Transaction 25 missing Interim Reply Code.*
943	*Transaction rejected. Transaction 01 missing Cancellation Code.*
944	*Transaction rejected. Transaction 00 missing Discovery Defect Codes.*
945	*Transaction rejected. Transaction 00 missing FMS case number.*
946	*Transaction rejected. Transaction 03 submitting after PQDR acknowledgement.*
947	*Transaction Rejected. T-SU submitted for major data element change when not at Screening Point.*

AP7.27.9. Product Quality Deficiency Report (PQDR) Retract Reason Code.

AP7.27.9.1. Definition. A two-position alpha numeric code used with transaction set purpose code 03 ~~RR~~ to describe the reason for requesting the PQDR be returned to the previous level.

Enclosure 6

Army Staffing Comments have been addressed in this ADC.

Attachment 1
Revised 842P Implementation Convention (IC) Change Table

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
1	1/BNR01/0200	Update DLMS note(s) for existing codes 00, 03, 06, 08, 10, 11, 22, 45, 47, CN, CO, DA, ER, FA, FS, RQ and SU: 00 Original DLMS Note: Used when the Originator forwards to the Screening Point. *Originators are required to execute this transaction set within 24 hours of discovery for Category I and three calendar days of discovery for Category II PQDRs.* 06 Confirmation DLMS Note *Used by an automated IT system to confirm transaction receipt from another system.* 08 Status DLMS Note: Used to acknowledge that a PQDR was received and provide current status to the previous point. *Originators are required to execute this transaction set within 24 hours of discovery for Category I and three calendar days of discovery for Category II PQDRs* 11 Response DLMS Note: *Used when the Support Point completes their investigation and returns the PQDR to an Action Point and the Action Point does not exist within the same system.* CN Completion Notification DLMS Note: Used when the Action Point completes their investigation and returns the PQDR to a Screening Point *and the Screening Point does not exist within the same system.* ER Exhibit Receipt DLMS Note: *1. Used to document exhibit receipt. When the PQDR is located at the Action after acknowledgement level, only the Screening Point and Action Point may have use of this Transaction. After this point, either the Screening Point, Action Point or Support Point may transmit an*	Clarify intended use of the qualifiers

Enclosure 6, PDC 1007E
Page 1

CHAD · · ·
No longer states "in another system or when originator and screening point do not exist within the same system". Is this missing? Was previously found under paragraph C24.5.1.1

Mark Rockwell
No, it is not missing. This language is not part of the most current published version of the 842P IC.

Reply

CHAD · · ·
Should the addition say "...from another AIS" instead of "...from another system" to keep consistent with other references to AIS? For example, FA states "within the same AIS".

Mark Rockwell
Administrative. IT system, system, AIS are all the same thing.

Reply

CHAD · · ·
Don't believe that originators are required to execute this transaction set – they do not acknowledge that a PQDR was received. Should this say "Screening points are required..." instead

Mark Rockwell
Concur. Removed per a similar comment from the Navy.

Reply

#	Location	DLMS 842P (4030) Product Quality Deficiency Report (PQDR) Data Exchange Revision	Reason
		exhibit receipt transaction.	
		FA Forward to Action Point	
		DLMS Note:	
		1. Used when the Screening Point forwards a PQDR to an Action Point *and the Action Point does not exist within the same AIS.*	
		FS Forward to Support	
		DLMS Note:	
		1. Used when the Action Point forwards a PQDR to a Support Point and the Support Point does not exist within the same system.	
		SU Status Update	
		DLMS Note:	
		1. Use to send an Update to correct or append specific data fields in another information system. Used to disseminate information to other process points.	
		2. *This element may be populated/updated by the Screening Point, Action Point or Support Point.*	
1.	2/LQ01/1050	Update DLMS note for the following existing codes and add new codes ARC, BCD, CAT, CDC, DRC, DVC, FEC, GCP, IRC, PAT, P1C, P2C, PCC, PCD, PDD, PQC, PQR, PQS, RAC, and SDC:	Clarify intended use of the qualifiers and add new codes.
		PIC PQDR Cost Code	
		DLMS Note:	
		1. Twelfth Position of the PQDR Summary Code.	
		2. Definition AKA DLA Cost Code. Use Codes C-Cost to Gov't (Commercial Supplier), G-Cost to Navy(Government Manufacturer/Supplier), N-No Cost to Gov't (Commercial Supplier), U-undetermined, Z NoCost to Navy (Government Manufacturer /Supplier)	
		3. This field may only be populated/updated by the Screening Point or Action Point.	
		4. A data maintenance action will be submitted to X12 to establish 'PIC – PQDR Cost Code' in a future version	

CHAD •••
This should be how all other references should read.

Mark Rockwell
Concur.

Reply

CHAD •••
Changed the transaction set Purpose code from 4S to FS. Is this accurate? Also, see below note corresponding to C24.5.1.3

Mark Rockwell
Going back to ADC 1007, the 842P listed the Forward to Support Point transaction set as FS.

Reply

CHAD •••
Should the addition say "...within the same AIS" instead of "...within the same system" to keep consistent with other references to AIS? Referencing AIS is better defined.

Mark Rockwell
Administrative. IT system, system, AIS are all the same thing.

Reply

CHAD •••
Should the addition say "...data fields in another AIS" instead of "...data fields in another information system" to keep consistent with other references to AIS? Referencing AIS is better

Mark Rockwell
Administrative. IT system, system, AIS are all the same thing.

Reply

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Page 2

Attachment 2

Revised DLM 4000.25, Volume 2, Chapter 24 and Appendix 7.27, Product Quality
Deficiency Report Relevant Data Elements

C24. CHAPTER 24

PRODUCT QUALITY DEFICIENCY REPORTING

C24.1.2. Operations Security (OPSEC) Applicability. Due to an identified OPSEC requirement, PQDRs have been designated as controlled unclassified information (CUI) and must be identified as CUI. Physical handling and electronic transmission of PQDRs must comply with DoD rules for this level of sensitive unclassified information, to include proper labeling, protection, and encryption of communication.

<<<BREAK>>>

~~C24.5.1.3. Forward from Action Point to Support Point (Transaction Set Purpose Code 4G). Used when the action point forwards a PQDR to a support point and the support point does not exist within the same system.~~

<<<BREAK>>>

AP7.27 APPENDIX 7.27

PRODUCT QUALITY DEFICIENCY REPORT (PQDR) RELEVANT DATA ELEMENTS

AP7.27.1.1.9. Completion (Closure)(Transaction Set Purpose Code 53). Used by Screening Point to close out and notify other PQDR processing points of PQDR process completion for a given PQDR. Note: Only the Screening Point may perform this transaction.

<<<BREAK>>>

AP7.27.1.3. DLMS 842P Reference*: 2/LQ01/1050 Code PQS Product Quality Reporting Status Code.*

<<<BREAK>>>

AP7.27.5.3. DLMS 842P Reference: 13 position of PQDR Summary Code at *842P Reference: 2/LQ01/1050/CDC – Current Disposition Code Code (new data*

CHAD
Understand that PDREP is already marked a CUI system, but has then been identified as a need to capture the designation on any outputs from PDREP, such as the 368, other forms, reports, etc.?

Mark Rockwell
All IT systems will update appropriately once the ADC is released.

Reply

CHAD
While this paragraph is being removed – and that change is acceptable – the new transaction set purpose code for FORWARD FROM ACTION POINT TO SUPPORT POINT has changed the transaction

Mark Rockwell
This was a missed administrative error from previous version of Chapter 24. Going back to ADC 1007, the 842P listed the Forward to Support Point transaction set as FS.

Reply

CHAD
No corresponding addition for Transaction Set Purpose Code 53 found in Enclosure 1. However, appears to be a new add as there was no deletion found with paragraph C24.5 like there were with

Mark Rockwell
This was administratively missed in past updates to Chapter 24. Transaction Set Purpose Code 53 has been part of the 842P IC going back to ADC 1007.

Reply

Attachment 2

Revised DLM 4000.25, Volume 2, Chapter 24 and Appendix 7.27, Product Quality
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<<<BREAK>>>

AP7.27.5.3. DLMS 842P Reference: 13 position of PQDR Summary Code at *842P Reference: 2/LQ01/1050/CDC – Current Disposition Code Code (new data*

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