**AP7.27 APPENDIX 7.27**

**PRODUCT QUALITY DEFICIENCY REPORT (PQDR) RELEVANT DATA ELEMENTS**

AP7.27. GENERAL. 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. Within the context of PQDR procedures, these ***transaction sets and*** data elements may be recognized by abbreviated names as indicated. Refer to the DLMS Dictionary (Logistics Data Resources Management System (LOGDRMS) for additional PQDR data definitions and codes.

  ***AP7.27.1. PQDR Transaction Set Purpose Codes.***

 ***AP7.27.1.1. General Opening, Closing and Related Codes. 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. Original (Originator Forwards to Screening Point) (Transaction Set Purpose Code 00). 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. Forward to Action (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 AIS.***

 ***AP7.27.1.1.3. Forward to Support (Forward from Action Point to Support Point) (Transaction Set Purpose Code FS). 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. Response (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.***

 ***AP7.27.1.1.5. Completion Notification (Final Reply) 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.***

 ***AP7.27.1.1.6. Not Processed (Misdirected) (Transaction Set Purpose Code 12). 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. Delete (Retraction) (Transaction Set Purpose Code 03). 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. Rebuttal (Transaction Set Purpose Code RR). Used to rebut an investigation response. PQDR placed at the prior ownership level.***

 ***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.***

 ***AP7.27.1.2. 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 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. Exhibit Request (Transaction Set Purpose Code 13) 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, initial use 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. Advance Notification (Exhibit Shipped Notification) (Transaction Set Purpose Code 14). 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. Follow-up (Follow-up for Status) (Transaction Set Purpose Code 45). 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. Cancellation (Transaction Set Purpose Code 01). 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. 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 AIS, such as Engineering Support Activities (ESA).***

 ***AP7.27.1.3.7. Transaction Set Purpose Code DA. 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. Transfer (Redirect/Transfer) (Transaction Set Purpose Code 47). 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. Reopen (Transaction Set Purpose Code RO). 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 (T44).***

 ***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.

  ***AP7.27.2.1.1*** 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.

 ***AP7.27.2.1.1***. PQDR STATE: A single character alphabetic code indicating whether the status of a PQDR is "Active" (permitted value = A) or "Closed" (permitted value = C)

 ***AP7.27.2.1.2.*** 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.

 ***AP7.27.2.2***. Usage. Facilitates workflow efficiencies for functional users, and program management metrics for oversight and analyses of process performance and production issues.

 ***AP7.27.2.3****.* DLMS 842P Reference***: 2/LQ01/1050 Code PQS Product Quality Deficiency Reporting Status Code.***

 ***AP7.27.2.4*.** PQDR Status Codes are listed in Table AP7.27.T1:

| 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 | ***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 | ***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 |
| CZ | Administrative Closing |

 ***AP7.27.3*.** PRODUCT QUALITY DEFICIENCY REPORT (PQDR) REBUTTAL/ CONTROVERT CODE

 ***AP7.27.3.1***. 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.

 ***AP7.27.3.1.1***. 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.

 ***AP7.27.3.1.2.*** Reason: A single character alphabetic code indicating the reason for the rebuttal being generated.

 ***AP7.27.3.2.*** Usage. Provides mechanism to facilitate program oversight.

 ***AP7.27.3.3***. DLMS 842P Reference: 2/LQ01/1050 Code CW.

 ***AP7.27.3.4****.* 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 |
| 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 |
| 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 |

 ***AP7.27.4****.* PRODUCT QUALITY DEFICIENCY REPORT (PQDR) CREDIT CODE

 ***AP7.27.4.1.*** Definition. A single character alpha code used to describe whether credit or other form of resolution is authorized.

 ***AP7.27.4.2.*** 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.

 ***AP7.27.4.3*.** DLMS 842P Reference: ***2/LQ01/1050/P2C – PQDR Credit Code (new data element).***

 ***AP7.27.4.4***. 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 |

 AP7.27.5. 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.

 AP7.27.5.3. DLMS ***842P Reference: 2/LQ01/1050/CDC – Current Disposition Code (new data element).***

 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 ***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) ***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/QTY01/2700.

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

| Table AP7.27.T7. Operating Time Codes[[1]](#footnote-1) |
| --- |
| **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. |
| 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.***

 ***AP7.27.10.3. 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*** |
| ***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*** |
| ***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.***

 ***AP7.27.13.2. Usage. Informs the recipient what the Originator believes is the detailed cause of the quality deficiency.***

 ***AP7.27.13.3. 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. 27.14. Product Quality Deficiency Investigative Closing Codes.***

***AP7. 27.14.1. 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.***

***AP7.27.14.2. 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. SEGMENT 5 - Preventative Action 7th Position***

***842P Reference: 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*** |

1. 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. [↑](#footnote-ref-1)