

AWRDS 2009.1.1.1

RELEASE NOTES



AWRDS 2009.1.1.1 Release Notes

29 January 2010

Release Overview

The 2009.1.1.1 Maintenance Build is designed to update the current functionality of the AWRDS system in support of Army Sustainment Command's (ASC) mission.

Modules with Enhancements
2 nd Generation PDA
CRSP Receiving (TPC)
DA2404 (TPC)
NetUSR Reports
Plan Management
SDS Update Export
TC-AIMS Export
UII Workbench
WRSI Stratification

Updated AWRDS Capabilities

2nd Generation PDA

- 1) **OpStock Inventory on PDA (777):** The new Inventory module for the 2nd Generation PDA is an automated solution that allows users to perform inventories and location surveys of OpStocks/Shop Stocks. Inventories and Location Surveys are created within the Inventory module on the AWRDS workstation and then assigned to PDA Users. Using the PDA Inventory module users can view and conduct their assignments. Users have the ability to scan 2D barcode location labels printed from the OpStock Print Label module which then displays information on the PDA about inventory/location survey and the part stored in that location. Users enter the iterative count quantities directly into the PDA where they can also track the status of the inventory. Upon completion of the assignments, using the PDA Sync functionality, the data on the PDA can be transferred to the workstation Inventory module where the inventory/location survey is closed.
- 2) **Managers Assign Inventories to PDA Users (1925):** Through the Inventory module, users may create inventories and location surveys for operational and bench stock which managers can now assign to PDA users. The 2nd Generation PDA will then allow users the ability to conduct any assignments they have received and return their results back to the Inventory module upon completion.
- 3) **Receive Parts Using PDA (1863):** The new Receive Parts module on the 2nd Generation PDA allows the users to scan barcodes on receiving documents (i.e. DD1348-1) for accepting shipments of repair parts. The Receive Parts module gives a single user the capability to receive parts in a batch process at the point of receiving. Upon scanning a batch of DD1348-1 documents into the PDA the user can process all receipt transactions into the AWRDS database by synchronizing the PDA with the AWRDS database. The Receive Parts module has also integrated some additional user-requested functionality. For instance, AWRDS will now account for a substitute NIIN that is sent in place of a requested NIIN through use of the original document number. In addition, there are some units that require the document register to allow for receipt of parts that are not due-in (push packages). If parts are received using the PDA where the requisition does not exist in the document register, the system will create the new document number and allow for the appropriate receipt of push package parts.
- 4) **Print MRO & Pick Tickets from PDA Transactions (1971):** A new function has been created in the Document Register to allow users to print Pick Tickets and MROs that are generated from the 2nd Generation PDA in the Receive Parts module. After performing a PDA Sync, users have the ability to

view/select pending print jobs through use of the Document Register “Filter” drop down menu. Selecting to filter “PDA Print Queue” will display any error reports and all pending MROs and Pick Tickets as a result of receiving parts with the PDA. Users may then select individual documents or all documents and send them directly to any printer associated with the AWRDS client PC. The “Filter” drop down menu also provides users with a selection for “PDA Rejects”, which will display any requisitions that were not processed during the PDA Sync, as a result of any conflicts identified between the PDA database and the AWRDS database. The system allows users to continually reprocess identified rejects as updates and corrections are made to the associated requisitions.

- 5) **Document Register needs to handle rejects and printing from the 2nd Generation PDA (1988):** When receiving repair parts with the 2nd Generation PDA, there are some circumstances where the AWRDS server will reject a part received into the Document Register module. When this happens, the Document Register module will print an error report in lieu of an MRO or Pick Ticket. The record will be visible by selecting the “PDA Rejects” filter from the Document Register function. These rejected records may be reprocessed after users perform updates and corrections against any related requisitions.
- 6) **PDA Updates Last_Scan_Dt Field when Equipment Data Changes (1959):** After any changes are made to a record on the CK61G, 2nd Generation PDA, the Last_Scan_Dt field in the Equipment List will update to reflect that a change has occurred after the device has been synchronized.
- 7) **Location Update for Child Items (1994):** Location updates that are initiated on the CK61G, 2nd Generation PDA, against equipment having linked items will now update the location of the child items with the location of the parent item.

CRSP Receiving

- 8) **End Item and BII/SKO Receiving with TPC (1576):** The CRSP Receiving module provides AWRDS users with a streamlined process for receiving major end items and their components. This includes Inter-Depot Transfers and retail-to-wholesale stock transfers such as Retrograde / RESET operations. BII/SKO items being received may either be associated to an end item or placed into OpStock for consumption.

This component functions as both a mobile and a desktop application. It is designed to be primarily utilized from the currently fielded T8600/T8700 Ruggedized Tablet PC which contains a mounted barcode reader. During equipment receipt operations, users can scan an item's Document Number, NIIN and various other data fields directly from the shipping document (i.e.

DD1348, DA2062 and DA3161). After collecting equipment and BII/SKO data into the Tablet PC, users may transfer and process this data into the AWRDS database through the use of the module's Sync feature. BII/SKO can be received separately from its end item as long as the end item is known—the system will hold off processing any such BII/SKO until the end item has been received.

Because the module was designed for use on the Tablet PC, it introduces several new features and types of functionality to AWRDS design. These features include data input via the barcode scanner, an interface that can be manipulated with fingers and/or the computer's stylus, feedback via a message box that provides the user with the current state of data-entry, an easy-to-use quick-scroll bar, and multiple data-entry methods to facilitate various receiving scenarios.

Users can now group equipment into individual missions to apply preset values to numerous equipment data fields for ease of data entry. When receiving equipment into each site's equipment list, there are numerous fields that must contain a very specific and narrow range of data that is often determined at a management level and limited by AWRDS reference data. To alleviate some of the difficulty in identifying these correct values for the users that perform the actual equipment receiving, the CRSP Receiving module has the ability to store Preset Values based on individual Missions. A manager that is aware of an upcoming mission may select the values of several required fields—such as *Plan Id* and *Project Code*—for all equipment that is received and associated with that mission. Data entry errors are mitigated since the user is only left with completing fields containing data specific to each piece of equipment received. Missions and Preset Values are created on the workstation and then propagated out to each Tablet PC upon Synchronization so that all users have a common view.

In addition to receiving new items into the AWRDS database, CRSP Receiving allows existing records inserted via an Inter-Depot Transfer to be quickly and easily updated. In these cases, the users need only scan the existing EL ID barcode sticker on the item. If the item is found in the database, its record will be updated during the synchronization process using the values from the selected Preset Values.

Since the Tablet PC's barcode reader is a quick and efficient manner in which to input data, the component has the ability to create and print out BII/SKO barcode "cheat sheets" containing all BII/SKO items authorized for a particular NIIN. These allow the user to quickly locate and scan in BII/SKO NIINs or to quickly identify an end item's BII/SKO requirements. The ability to scan in BII/SKO-related items using this Bar Code List can mitigate data entry errors that commonly occur when typing out a NIIN. The listing itself consists of TM requirements for BII, SKO, COEI, AAL and OBSL against a major end item.

To create this document, users enter the end item's NIIN and select the appropriate publication. The resulting Bar Code List can be printed for immediate use, stored in end item booklets for future scanning, or saved electronically.

DA2404 (TPC)

- 9) **Automated DA2404 Inspection on TPC (XAPS3D715801):** The new DA2404 module allows users to perform equipment inspections on an electronic DA2404 Inspection Form for any equipment having an open work order in AWRDS. Users may add Faults, Local Tasks and Parts, all in one centralized location from either the Tablet PC or the AWRDS workstation. Through use of the Sync feature, any data collected by the DA2404 module on the Tablet PC may be synchronized back to the AWRDS database via. Data will be made visible on the DA 2404 tab of the Workorder window.
- 10) **Special Privileges for DA2404 Parts Approval within User Admin (1948):** The DA2404 module provides the functionality of adding parts and approving/rejecting them from being added to a work order. Since only specific users have the responsibility of approving or rejecting requisitions, “DA2404 Parts Approval” has been added as a Special Privilege in the User Administration module. Selecting this privilege for an individual user will give them visibility of the DA2404 Parts Approval module for any future login.
- 11) **Add Parts_Approval_Audit to Audit Tables (1932):** A new Audit Table has been added to the AWRDS database to document the approval and rejection of parts through the DA2404 Parts Approval process.

NetUSR Reports

- 12) **NetUSR Inventory and Fulfillment Reports (2008):** APS Readiness Officers may utilize the new Inventory and Fulfillment Reports to meet the data input requirements of the upgraded Defense Readiness Reporting System, NetUSR v2.3.1. The AWRDS NetUSR Reports are specifically designed to facilitate the process of assessing equipment on-hand and equipment readiness for a commander’s unit status reporting.

Plan Management

- 13) **Integrate Local Account SDS RIC into Modules (1998):** In support of the ARI, TPE and NSE retrograde missions users can now assign a local source of supply (SOS) owner RIC to an AWRDS Plan. These local accounts assign retrograde equipment a local SOS owner RIC that is different from the AMDF SOS RIC when generating a D6A receipt transaction for SDS.

Users may assign a local SOS RIC to a plan in the Plan Management module under the <Edit> and <New> functions. All modules that produce SDS transactions that require a SOS RIC will use the SOS RIC based on Plan ID. If a RIC does not exist in the Plan table the system will default to the previous method of RIC assignment using the AMDF SOS RIC. Note: This field is optional and should only be used for Local SDS accounts like 11B.

SDS Update Export

- 14) Change SDS Receipt to D6A (1993):** Retrograde receipt transactions for SDS (D6K) will now be exported to SDS with a DIC of D6A. The user will still see and use the D6K filter to export all D6 transactions. The D6K DIC is replaced with D6A when the SDS export file is generated.

TC-AIMS Export

- 15) Create Retrograde TC-AIMS Export (1985):** In support of the retrograde mission users may now export equipment data to TC-AIMS. The new TC-AIMS Export module provides an automated solution to export equipment data for parent items that have been given disposition and assigned a LCMC Document Number for transport and tracking. Note: This export is currently only to be used for retrograde missions.

UII Workbench

- 16) Add UII Coding into AWRDS Database (1847):** The UII Workbench has been created to support the use of Unique Item Identification (UII) Coding within the AWRDS system. Users may assign UIIs with a major end item by using the equipment list or the work order edit window. The UII Workbench allows users to verify a given UII's existence in the IUID registry and will also allow the retrieval of item pedigree data.

WRSI Stratification

- 17) Maintain Links When Splitting Records (1983):** AWRDS will now maintain the relationship of upward linked items (parent items) for ASL, PLL, UBL and Stock authorized equipment that is split in quantity as a result of stratifying through the WRSI Stratification module.

Resolved Issues

- 1) **Error Message Displayed When Executing BII Inventory Report for Specific EL_ID (1957/Korea_027):** When the <Run Report> button was selected for a BII Inventory report against EL_ID 1320108211, an error message was displayed titled “BII Reports - AWRDS”.
- 2) **Spacing in BII Reports and Hand Receipt Was Too Far Apart (2047/Korea_028):** Users requested that the extra spacing to be removed.
- 3) **Shortages Report Was Showing an Extra Line (2063/Charleston_032):** When generating the Print Preview for the Shortages Report specifically on the Type and Sequence No version, an extra line was displaying on the bottom of the page within the report. The extra line displayed for first-tier components only.
- 4) **WON Field in Document Register Displays Work Order Number After Part was Deleted From Work Order Parts (1711/Anaconda_028):** When Bench Stock items are requisitioned for a Work Order and then later deleted from the Work Order parts the WON field was still displayed in the Document Register.
- 5) **Supply Status Code and Status Date Were Not Displaying in the Main GUI (2074/Italy_025):** After transferring a part from a WO to Stock, the ‘Supply Status Code’ and ‘Status Date’ fields were not retaining their values.
- 6) **AWRDS2K DSN Not Created on Newly Imaged PC (1839/Charleston_025):** When installing AWRDS for the first time on a newly-imaged PC, the AWRDS2K DSN was not created.
- 7) **Invalid RIC Does Not Display Error Message (2100/Anaconda_040):** An error message was not displayed when attempting to perform a turn-in while using an invalid RIC.
- 8) **Editing Hours on Fault (1841/Charleston_022):** Changing the fault in the GUI while editing manhours did not change the Task_ID associated to the record in the WorkOrder_Manhours_Detail table.
- 9) **Error Message Displayed When Adding a New Employee (2044/Anaconda_038):** When adding a new user to AWRDS, an error message was received that states, “The new password must change by at least four characters from the previous password”.
- 10) **Error Message Displayed When Upgrading an Employee to An AWRDS User (2046/Anaconda_039):** When upgrading an existing employee to an AWRDS user, an error was received that states, “User ‘xxx’ does not exist”.

- 11) Access Violation Was Displaying While Scrolling through Fault Screen (1975/Korea_023):** Using the cursor keys to scroll to the bottom of the Work Order Fault grid, a user was able to move past the final record to a blank line and cause an Access Violation to appear.
- 12) Turned-In Parts Were Not Displaying on the Inspection Worksheet (2073/Korea_029):** The inspection worksheet was not showing turned-in parts as well as requisitioned parts. The turned in parts were appearing as requisitions on the report.
- 13) Error Message Displayed Stating “Syntax error near ')' on line 1” (1965/Korea_024):** When using the split record functionality and updating the Plan_ID using the <Options> button, an error message was displayed.

Open Issues

- 1) Specific NIIN's Configured to End Items Do Not Stay Configured (1884/Korea_025):** End Item NIIN 001777033 has two components that change back to being unconfigured after being configured. The component NIINs of concern are 002491071 and 005959244.
- 2) Commander EOH/FMC Report – UIC Not Displayed, FMC% Blank, RPT Rollup Blank (1870/Korea_020):** The results of the Commander EOH/FMC Report display blank values for the fields “UIC”, “FMC %” and “Overall Report Rollup”.
- 3) Receive “No Data...” Message When Supply Class Selected (1818/Charleston_023):** When a supply class was selected with the sub-supply class (5A) the report was created appropriately with no issues. When a supply class (5) was selected by itself, an information dialog was displayed stating “No data for selected report criteria”.
- 4) Link with Grandchildren Creates Repeated Values for UPR and LWR Bounds (2148/Charleston_035):** Users may create a link having a specific formation from a single Ultimate Parent down to a 2nd Child Item, from within the 2nd Generation PDA Linker module. Upon synchronizing the PDA with this situation present, the values for UPR and LWR bounds are inappropriately duplicated within the EL_ITEM_LINKER table.
- 5) Intermittent Poor Performance for Load Time of BII/SKO Tab (1885/Korea_021):** When creating a hand receipt in the AWRDS Issue Wizard the user is required to select the BII components from the BII/SKO tab. The BII/SKO tab may take several minutes to load if even one piece of equipment is selected having an Owner_UIC in a Plan that has a large amount of equipment.

- 6) **Maintenance Reports Not Formatted Properly (833/Qatar):** The Maintenance Report displays word wrapped text outside of the header borders.
- 7) **Deleting a D6S Record in STR Opens a Closed Work Order (1976/Afghanistan_024):** Deleting a D6S record changes the work order status from 'U' to 'K' which essentially re-opens a closed work order and updates the status from picked-up to awaiting parts.
- 8) **System Configuration System Validation Report Displaying Incorrect Results (1473/Charleston_011):** When required components are not on-hand to configure to an incomplete system, the report that displays results of System Validation identifies these items as complete.
- 9) **Inspection Report - Incorrect Results After Transferring Parts (1564/Arifjan_022):** The Inspection Report doesn't display the correct results after transferring a NIIN from Op Stock to a Work Order. The part that was ordered (not transferred) now shows up on the report as being received and no due in quantity.
- 10) **Performance Issue – Updating Large Number of Records in the Equipment List (1785/Arifjan_020):** When a user updates a large number of records at one time using the Update function, the processing time can be several minutes.
- 11) **Sort is not Retained After Selecting <Back > Button (2187/Korea_033):** User sorting is lost within the Work Order grid when another module is opened and the <BACK> button is selected. The Work Order grid automatically resorts by “FMDS WON” when the grid is re-displayed.

Other Notes

- 1) **Backwards Compatibility:** This release **IS NOT** backwards compatible with any previous versions of AWRDS.
- 2) **MSI Install File Type:** The most notable feature of using MSI files is that it provides network administrators with the capability to “push” installs down to the client machines from a server.
- 3) **View/Edit Refresh:** All sites are required to perform a one-time refresh of the View/Edit module after the AWRDS upgrade has been completed and the database restarted.
- 4) **Updated User Guide and Help:** The User Guide and Help documentation have been modified to reflect updated functionality.