

***Allied – Federated Cooperatives, Ltd. ANDI Systems - Release Notes***

**Allied Versions:** FWA0100S or Newer  
**Report Date:** June 10, 2008  
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**Wayne Systems**

Version(s)	Status	Internal Revision	Release Notes
FWA0105S	Released 06/10/2008	1	<ol style="list-style-type: none"> <li>Fixed “xb” owner issue caused by the “await fueling timer” expiring. In some cases, a DPT C message would not be reported. In other cases, the DIS I message would not be reported.</li> <li>Fixed issue where receipt printing was not suppressed if both POS Formats Receipt and POS Receipt Only are set to ‘Y’ AND the POS supplied some receipt text, but less than minimum required.</li> <li>Fixed issue where the SSC F message returned a bogus <i>device logical</i> status.</li> </ol>
FWA0104S	N/A	1	<ol style="list-style-type: none"> <li>2<sup>nd</sup> attempt to solve the issue where the DPT ‘X’ prompt is not displayed at the CAT nor is a DPT ‘X’ response sent to the POS.</li> <li>LTI and MSC price sign support have been removed.</li> </ol>
FWA0103S	Released 01/01/2007	2	<ol style="list-style-type: none"> <li>If the MSM II (MLKH) returns an error on PIN transformation, the sale will immediately cancel and an error message (“MSM PIN Error”) is logged to the POS.</li> </ol>
FWA0103S	N/A	1	<ol style="list-style-type: none"> <li>If the CAT went off-line while a prompt was active and then came back on-line and was reconfigured, no DPT ‘X’ response would be sent. This typically happened during FCL’s post-full-serve sale prompting.</li> <li>If the customer pressed CANCEL while a DPT ‘X’ was active during an outside card sale and a DPT ‘R’ was pending, the sale would cancel and a DPT ‘C’ would be sent, but no DPT ‘X’ response.</li> </ol>
FWA0102S	Released 12/01/2005	2	<ol style="list-style-type: none"> <li>Addressed some PIB related issues.</li> </ol>
FWA0102S	N/A	1	<ol style="list-style-type: none"> <li>If a card is denied, the customer is prompted to enter an “alternate” method of payment. If that prompt times out, no DPT ‘C’ message was sent. This has been fixed.</li> <li>Fixed cash acceptor warm start issue.</li> </ol>

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FWA0101S	Released 02/26/2005	7	<ol style="list-style-type: none"> <li>1. Implements the <i>auto run</i> feature. If no DIS subscriber is connected to the ANDI, the <i>auto run</i> feature can be enabled via the keypad (707).</li> <li>2. When <i>auto run</i> is disabled (via a DIS subscriber re-subscribing), any dispenser that was authorized via the <i>auto run</i> feature will be de-authorized/suspended. Suspended sales can be re-started by the POS.</li> <li>3. INTERAC sequence change: if CLEAR is pressed at the PIN prompt, the prompt will “step back” to the <i>account type</i> prompt. Once the account type is entered, the ANDI will re-prompt for PIN without any POS intervention.</li> </ol>
FWA0101S	N/A	5	<ol style="list-style-type: none"> <li>1. Changed logic to beep once if the MSM goes offline.</li> <li>2. MSM Menu: Added <i>MSM/DSM Revision Number</i> and <i>MSM/DSM Revision Date</i> to display options.</li> <li>3. MSM-II, Canadian debit. Added logic to read the MSM Revision Number and Revision Date.</li> <li>4. MSM-II, Canadian debit. Added prefix MSM: Serial # to the log event message of the MSM serial number.</li> <li>5. Added support for DSM (translate Wayne DUKPT to customer DUKPT).</li> <li>6. Added logic to send a log event message with the text "Msg Not Processed" if the <i>Message Token</i> in a DIS I response message does not match the <i>Message Token</i> in the DIS I request message.</li> <li>7. Fixed issue with debit not working after a warm start. This issue did not apply to “DUKPT in the CAT” systems.</li> <li>8. Added support for <i>Encryption Mode</i> value "U" in the DPT J command. Setting this mode makes "DUKPT via the DSM" mandatory.</li> <li>9. Added support for the Able price sign controller (channel 12).</li> <li>10. Assume the Able Price Sign controller is hooked up to Channel 12. When the content of Price Sign Product 9 (DIS O command) is set to a value other than zero, the WAWA Price Sign rules are implemented. When set to a value of zero, the Able Price Sign was disabled. The logic was changed to use the Able Price Sign like any other price sign when that value is set to zero.</li> </ol>
FWA0101S	N/A	1	<ol style="list-style-type: none"> <li>1. Added the “auto run” feature which allows the ANDI keypad to be used to enable dispensers to fuel if the POS is off-line.</li> </ol>
FWA0100S	Released 02/16/2004	25	<p>This version of FCL code changes the verbiage on one prompt for Moneris compliance.</p> <p>OLD:</p> <p>Choisissez type de compte :  <b>Chequing 1</b>  Epargne 2</p> <p>NEW:</p>

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			Choisissez type de compte : <b>Cheque 1</b> Epargne 2
<b>FWA0100S</b>	<b>N/A</b>	24	1. This system was built to include changes made to Allied's generic systems.
<b>FWA0100S</b>	<b>N/A</b>	23	1. Non-member, outside card sale. The DPT R is denied, and then the customer presses CANCEL either while the denial message is displayed, or while the prompt for the alternate method of payment is displayed. Problem: No DPT C is sent. This has been fixed. 2. Member, outside card sale. The DPT R is denied and the customer presses CANCEL either while the denial message is displayed or while the prompt for another card is displayed. The customer then quickly inserts another payment card. Problem: DPT R sent. This has been fixed.
<b>FWA0100S</b>	<b>N/A</b>	22	1. Fixed issue where pump would not arm if the nozzle was lifted prior to the "postpay" option being selected on the CAT. 2. Added support to set the language prompt via the DPT 'X' command. This is needed for French full serve prompting.
<b>FWA0100S</b>	<b>N/A</b>	21	1. Added logic to allow up to 50 lines to be printed in the receipt body. 2. Added the following logic at the request of Retailix. If a card is declined and then the sale times out while prompting for another card, a DPT "C" (DPT Card Sale) message will be sent.
<b>FWA0100S</b>	<b>N/A</b>	20	1. Changed logic to cancel a sale if the CANCEL key is pressed at the car wash prompt as opposed to moving to the next prompt. 2. Changed logic to cancel a sale if the car wash prompt times out as opposed to moving to the next prompt. 3. Enhanced "Account Prompt" timeout to use <code>TIMER_AWAIT_KEY_MEDIUM</code> .
<b>FWA0100S</b>	<b>N/A</b>	19	1. Added the car wash field ("w") to the DPT R response message as requested by FCL.
<b>FWA0100S</b>	<b>N/A</b>	18	1. Enhanced logic so that until a transaction is canceled, times out, approved or denied, the transaction number in the DPT status field ("v") will be retained. 2. Fixed issue with a log message that reported "MSM: No Result Response – PIN/MAC."

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<b>FWA0100S</b>	<b>N/A</b>	17	<ol style="list-style-type: none"> <li>1. Fixed issue in self serve where if a different debit card was entered after a denial, the text “Invalid PIN” was displayed before the PIN prompt.</li> <li>2. Fixed issue in full serve where if a PIN is entered on a given fueling point just after a self serve PIN on a different fueling point, a zero length PIN was reported to the POS.</li> <li>3. Enhanced handling of full serve receipts. Some receipts were too long either in the message interface between Retalix and Allied or in the buffer space allocated for receipts within the CAT.</li> <li>4. Enhanced single threading logic to include full serve transactions.</li> <li>5. Added logic to suppress the “Receipt Yes/No” prompt for full and self serve debit transactions.</li> <li>6. Enhanced logic for declined transactions where a car wash was purchased. The car wash information will not be retained for the alternate payment portion of a transaction. The customer will be re-prompted for both the car wash and the fuel amount.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	16	<ol style="list-style-type: none"> <li>1. Changed car wash prompting sequence. The code now prompts for car wash before the INTERAC sequence and includes the cost of the wash in the “confirm” prompt and in the amount sent back to the POS for approval.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	15	<ol style="list-style-type: none"> <li>1. Added log event for key updates. The log message displays an incrementing key count for each key update.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	14	<ol style="list-style-type: none"> <li>1. This adds support for, and logging of, counting the number of key updates reported by the MSM.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	13	<ol style="list-style-type: none"> <li>1. Changes were implemented to bring the MLKH code in line with all MLKH systems.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	12	<ol style="list-style-type: none"> <li>1. This version implements the INTERAC dialog and was built from the common code base, thus inheriting all previous fixes and enhancements.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	11	<ol style="list-style-type: none"> <li>1. This version implemented the CORR/CLEAR key as requested by FCL for the INTERAC dialog.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	10	<ol style="list-style-type: none"> <li>1. Keyed data was not returned in the DPT “X” command, mode “@.” This has been fixed.</li> <li>2. The DPT “X” command with mode “3” (PIN) did not work in full-serve mode. This was fixed but requires the user (e.g. SSC_DGS or a POS) to send an account number.</li> <li>3. The MSM menu did not accurately reflect the session key status if MLKH was being used. This has been fixed.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	9	<ol style="list-style-type: none"> <li>1. The “@” member mode would not return track data in the DPT “X” response message.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	8	<ol style="list-style-type: none"> <li>1. Added single threading of debit transactions. <ol style="list-style-type: none"> <li>a. Only one debit transaction will be pending a response (DPT “R” or DPT “C”) at a time.</li> <li>b. Key updates. Any key update (PIN or MAC) will get sent to the GSM immediately and will take priority over a PIN</li> </ol> </li> </ol>

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			<p>transform request.</p> <p>c. MAC's will take priority over PIN transform requests and will be done even if a debit transaction is pending.</p> <ol style="list-style-type: none"> <li>2. Fixed a problem where a new transaction number was assigned if a card was denied. The same transaction number should be used until the customer cancels or the transaction times out and we return to the idle prompt.</li> <li>3. Added functionality to use "999" as a diagnostic password in full-serve mode.</li> <li>4. If the language key is pressed, the "automatic prompts" that display (e.g. on card insertion) are downloaded to the CAT in the appropriate language.</li> <li>5. Code enhanced to poll the GSM more frequently to improve PIN transform and MAC performance.</li> <li>6. French prompts were completed.</li> <li>7. At the "fill-up" prompt, \$75 is now the default amount, not the maximum amount.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	7	<ol style="list-style-type: none"> <li>1. Fixed a misspelling in the French idle prompt.</li> <li>2. The card denial message now toggles between French and English.</li> <li>3. Fixed car wash prompt timeout timer.</li> <li>4. The "Yes" key is no longer ignored at the "fill to \$75" prompt.</li> <li>5. The "Replace nozzle then Try Again" prompt can be toggled between French and English.</li> <li>6. The "Clear" key is functional in full-serve at the idle prompt.</li> <li>7. "Remove card quickly" is now displayed in French and English.</li> <li>8. "Co-op" is now spelled correctly.</li> <li>9. "Sale Canceled" is now spelled "Sale Cancelled."</li> <li>10. Made minor spelling and spacing adjustments.</li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	6	<ol style="list-style-type: none"> <li>1. The following enhancements were made regarding car wash: <ol style="list-style-type: none"> <li>a. If there are 4 car washes, the "select car wash" text is eliminated so that all four fit on one screen.</li> <li>b. Regardless of how many car washes are programmed, only four will be displayed.</li> <li>c. If the DPT "R" message response has a completion code of "*", then an "Amount Confirm" display will appear after the "Enter Amount" display. If a car wash has been selected, then the amount is equal to the entered amount (or \$75 if no amount is entered) plus the cost of the selected car wash.</li> </ol> </li> </ol>
<b>FWA0100S</b>	<b>N/A</b>	5	<ol style="list-style-type: none"> <li>1. Incorrect French translation of "Replace nozzle when done." This has been fixed.</li> </ol>