

Allied- Shell ANDI Network Systems - Release Notes

Allied Versions: SxN0901S or newer
Report Date: February 11, 2004
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Wayne Systems

Version(s)	Internal Revision	Release Date	Release Notes
SWN0911S	01	11/19/2003	<ol style="list-style-type: none"> 1. Changed to allow 7 digits for the Odometer Reading (Shell QA item 415). Formerly, the maximum number of digits was 6. 2. Changed logic to ensure the ANDI uses the same track for both, authorization and data-collect. Problems have been reported with Amex cards containing bogus track 1 data. This change works around that problem. 3. Fixed problem with “cropping” fleet prompts on Wayne Ovation displays. 4. Added support to alter the CAT idle prompt for prepay-only dispensers. Formerly, the CAT always displayed as the final screen of the idle prompt: [To Pay Inside] [Begin Fueling] In these systems when the dispenser configuration is set to "Pre-Pay Only" mode, that last screen changes to: [Or Pay Inside] [Before Fueling] <ol style="list-style-type: none"> 4. Fixed issue where volumes of 65.535 gallons or greater would be reported incorrectly. This was specific to Ovation style dispensers. 5. If an Ovation style dispenser was authorized at one price, and then stopped and authorized for a discount (e.g. as a result of a “takeover” by an outside card insertion), the dispenser would fuel at one price but report another. This has been fixed.
SWN0910S	02	10/24/2002	<ol style="list-style-type: none"> 1. Includes Shell Change Request 125 (Debit prompting changes).

			<ol style="list-style-type: none"> 2. Supports unattended enhancement with the exception of modifications to the IDLE prompt (to be updated in a later build per Shell). 3. Addressed an intermittent problem with not automatically updating the CAT IDLE message when changing the DPT configuration. 4. Addressed prompting issue for conditions where the system is in unattended mode and the store/ forward file is full. If a customer swipes a card at the CAT, the prompt will now display "Network Unavailable Please Use Cash". Previously, the system would display "Card Not Approved Use Other Card/ Cash". 5. The system was enhanced to request a printer status at the beginning of a transaction. This will prevent the ANDI from prompting for a car wash if the CAT returns a printer problem (e.g. out of paper). 6. When in unattended mode and the POS is offline, the logic was changed to display "Out Of Service" instead of "Out of Service, POS Unavailable". When the CLEAR key is pressed at the DPT during the IDLE prompt, the DPT will then display "POS Unavailable".
	01	09/26/2002	<ol style="list-style-type: none"> 1. Initial build of Shell Unattended ANDI systems. Note: still requires additional prompt work, which has been deferred at this time per Shell. 2. A problem was identified with field locations where a customer's card swipe may not be recognized if the card was presented at the time when prompts were toggling at the IDLE prompt. Per Wayne engineering, the code was modified to no longer constantly re-enable the card reader when toggling screens at the IDLE prompt.
SWN0901S	01	08/27/2002	<ol style="list-style-type: none"> 1. Addressed toggling display prompts as found in SWN0900S systems. The prompts were changed per Shell requirements. 2. Addressed item associated with not properly handling the "car wash requires printer" flag as set in the ANDI DPT Configuration (DPT J command). The customer will now be prompted for car wash if the printer is out of paper and the flag is set to NO.

Tokheim Systems

Version(s)	Internal Revision	Release Date	Release Notes
STN0913S	01	10/23/2003	<ol style="list-style-type: none"> 1. Changed to allow 7 digits for the Odometer Reading (Shell QA item 415). Formerly, the maximum number of digits was 6. 2. Changed logic to ensure the ANDI uses the same track for both, authorization and data-collect. Problems have been reported with Amex cards containing bogus track 1 data. This change works around that problem. 3. Added support to alter the DPT idle prompt for prepay-only dispensers. <p>Formerly, the DPT always displayed as the final screen of the idle prompt:</p> <p style="padding-left: 40px;">[To Pay Inside] [Begin Fueling]</p> <p>In these systems when the dispenser configuration is set to "Pre-Pay Only" mode, that last screen changes to:</p> <p style="padding-left: 40px;">[Or Pay Inside] [Before Fueling]</p>
STN0912S	01	02/21/2003	<ol style="list-style-type: none"> 1. The DPT "DN" (Display Now) command allows up to 80 characters of display data. For a Premier C with graphics screen, the ANDI was always prefixing the display text with a blank line. When the original code exceeds 60 characters, this would put us over the maximum of 80 characters. The DPT would return error code "erdn602" and leave us with a blank screen. This problem happened when the POS issued a promotional message exceeding 60 characters. The logic was changed to prevent exceeding the 80 character limit and only add a blank line if there is room within the 80 character limit to do so. 2. Fixed a problem in the car wash logic if the car wash menu screen exceeds 79 characters. Some DPT versions will reject commands that exceed 79 characters of display text. The code was changed to truncate the display text to 79 characters if it is too long.
STN0911S	03	01/31/2003	<ol style="list-style-type: none"> 1. Enhanced logic to better deal with DPT software versions MT.QD. The MT.QD versions do not support cash, causing the system to respond with errors and the DPT to behave defectively. Changed logic so that the system will start to behave as if the dispenser configuration parameter "DPT Cash Acceptor" was set to "NO."
STN0911S	02	01/29/2003	<ol style="list-style-type: none"> 1. Improved speed of car wash prompt by omitting the "Select Car Wash" line if more than 3 wash selections are programmed.
STN0911S	01	01/29/2003	<ol style="list-style-type: none"> 1. The system was changed to work-around a Tokheim bug when doing car wash on a system where the TED is

			connected to a Premier-B with a 4x20 display. Upon selecting "YES" at the car wash prompt, the DPT would then display the receipt prompt, skipping over the list of car wash types. This has been fixed. The system works fine when using a TDS+ system.
STN0910S	01	10/17/2002	<ol style="list-style-type: none"> 1. Includes Shell Change Request 125 (Debit prompting changes). 2. Initial build of Shell Unattended ANDI systems. Note: still requires additional prompt work, which has been deferred at this time per Shell. 3. Enhanced the car wash printing functionality for unattended and attended modes of operation. While operating in unattended mode, if the customer attempted to purchase a car wash and the ANDI was unable to obtain a code from the POS, the system will no longer print car wash information on the receipt. In attended mode, the ANDI will print "car wash see cashier". 4. Enhanced the CRIND display when experiencing problems obtaining a change due code for the receipt. The ANDI will now print "See Instructions for Refund". In attended mode, the ANDI prints "See Cashier For Your Refund" if a refund is due. 5. Addressed issue associated with breaking the promotional message in the middle of a word. Note that per Shell, no work was done to change the DPT idle prompts when in unattended mode (low priority). 6. Addressed a problem with sending bad information in the approved amount field (field type '&') for outside cash transactions in the DPT B (cash sale) and CCH U (Journal Event) messages. 7. Added the cash deposit field for cash transactions to the CCH U message. 8. Addressed issue where intermittently the ANDI would not pay off an outside sale. The system was modified to prevent it from using the wrong transaction pointer. 9. Modified the logic to no longer honor the auto authorization flag if "change code enabled" is set to YES.
			<ol style="list-style-type: none"> 10. When in unattended mode and the POS is offline, the logic was changed to display "Out Of Service" instead of "Out of Service, POS Unavailable". When the CLEAR key is pressed at the DPT during the IDLE prompt, the DPT will then display "POS Unavailable". 11. Addressed prompting issue for conditions where the system is in unattended mode and the store/ forward file is full. If a customer swipes a card at the DPT, the prompt will now display "Network Unavailable Please Use Cash". Previously, the system would display "Card Not Approved Use Other Card/ Cash". 12. Addressed an intermittent problem with not automatically updating the DPT IDLE message when changing the DPT configuration.

Gilbarco Systems

Version(s)	Internal Revision	Release Date	Release Notes
SGN0912S	01	01/12/2004	<ol style="list-style-type: none"> 1. Changed to allow 7 digits for the Odometer Reading (Shell QA item 415) for Shell Canada Fleet cards. Formerly the maximum number of digits was 6. This was a "left over" from the ADS implementation and has been removed. 2. Changed logic to ensure we use the same track for both authorization and data-collect on outside card sales. Problems have been reported with Amex cards with a bogus track 1. This change works around that problem. 3. Added support to alter the DPT idle prompt for pre-pay only dispensers. Formerly, the DPT always displayed as part of the idle prompt "Or Remove Nozzle." In this system, when the dispenser configuration is set to "Pre-Pay Only" mode that last phrase changes to "Or Pay Inside Before Fueling". This requires the use of graphics files SMON0108.ZIP and SCLR0108.ZIP.
SGN0911S	01	12/19/2002	<ol style="list-style-type: none"> 1. The system would fail to prompt customer for car-wash if sufficient funds were remaining to buy at least one type of car wash. This has been fixed.
SGN0910S	04	10/17/2002	<ol style="list-style-type: none"> 2. Addressed an intermittent problem with not automatically updating the DPT IDLE message when changing the DPT configuration. 3. Addressed a problem with not correctly displaying the prompt "Is This A Debit Card? Yes or No" on the single line display. The CRIND displayed the first 20 characters of the message, it should have been a scrolling message. 4. Addressed prompting issue for conditions where the system is in unattended mode and the store/ forward file is full. If a customer swipes a card at the CRIND, the prompt will now display "Network Unavailable Please Use Cash". Previously, the system would display "Card Not Approved Use Other Card/ Cash". 5. The system was enhanced to request a printer status at the beginning of a transaction. This will prevent the ANDI from prompting for a car wash if the CRIND returns a printer problem (e.g. out of paper). 6. When in unattended mode and the POS is offline, the logic was changed to display "Out Of Service" instead of "Out of Service, POS Unavailable". When the CLEAR key is pressed at the DPT during the IDLE prompt, the DPT will then display "POS Unavailable".
SGN0910S	03	10/05/2002	<ol style="list-style-type: none"> 1. Addressed issue where intermittently the ANDI would not pay off an outside sale. The system was modified to prevent it from using the wrong transaction pointer. 2. Modified the logic to no longer honor the auto authorization flag if "change code enabled" is set to YES.
SGN0910S	02	10/03/2002	<ol style="list-style-type: none"> 1. Includes Shell Change Request 125 (Debit prompting changes). 2. Enhanced the car wash printing functionality for

			<p>unattended and attended modes of operation. While operating in unattended mode, if the customer attempted to purchase a car wash and the ANDI was unable to obtain a code from the POS, the system will no longer print car wash information on the receipt. In attended mode, the ANDI will print "car wash see cashier".</p> <ol style="list-style-type: none"> Enhanced the CRIND display when experiencing problems obtaining a change due code for the receipt. The ANDI will now print "See Instructions for Refund". In attended mode, the ANDI prints "See Cashier For Your Refund" if a refund is due. Addressed a problem with sending bad information in the approved amount field (field type '&') for outside cash transactions in the DPT B (cash sale) and CCH U (Journal Event) messages. Added the cash deposit field for cash transactions to the CCH U message.
SGN0910S	01	09/18/2002	<ol style="list-style-type: none"> Initial build of Shell Unattended ANDI systems. Note: still requires additional prompt work, which has been deferred at this time per Shell. The system requires the use of SMON0107 and SCLR0107 Gilbarco graphic file sets, for use with monochrome and color displays, respectively.

Schlumberger Systems

Version(s)	Internal Revision	Release Date	Release Notes
SSN0911S	01	01/10/2004	<ol style="list-style-type: none"> Changed to allow 7 digits for the Odometer Reading (Shell QA item 415) for Shell Canada Fleet cards. Formerly the maximum number of digits was 6. This was a "left over" from the ADS implementation and has been removed. Changed logic to ensure we use the same track for both authorization and data-collect on outside card sales. Problems have been reported with Amex cards with a bogus track 1. This change works around that problem. Added support to alter the DPT idle prompt for pre-pay only dispensers. Formerly, the DPT always displayed as part of the idle prompt "Or Remove Nozzle." In this system, when the dispenser configuration is set to "Pre-Pay Only" mode that last phrase changes to "Or Pay Inside Before Fueling".
SSN0910S	02	12/09/2002	<ol style="list-style-type: none"> There was a problem with the system not reporting leading zeros entered for fleet card prompts at the dispenser. The code was changed to report the leading zeros to the POS if the dispenser properly reports them and it was changed to use Mode 2 to obtain numerics in the clear. In unattended mode, the Card Scan would display "Use Another Card Or See Cashier." It now reads "Card Not Read. Use Another Card."

			<ol style="list-style-type: none"> 3. In unattended mode and the card host is offline, the Card Scan would only display "Network Unavailable Use." It now displays "Network Unavailable Use Other Card/Cash." 4. Changed idle prompt on a dispenser without debit from "To Pay Inside Begin Fueling, Insert Card" to "To Pay Inside Begin Fueling, To Pay Credit Insert Card."
SSN0910S	01		<ol style="list-style-type: none"> 1. Includes Shell Change Request 125 (Debit prompting changes). 2. Supports unattended enhancement with the exception of modifications to the IDLE prompt (to be updated in a later build per Shell). 3. Addressed an intermittent problem with not automatically updating the card reader IDLE message when changing the DPT configuration. 4. Addressed prompting issue for conditions where the system is in unattended mode and the store/ forward file is full. If a customer swipes a card at the card reader, the prompt will now display "Network Unavailable Please Use Cash". Previously, the system would display "Card Not Approved Use Other Card/ Cash". 5. The system was enhanced to request a printer status at the beginning of a transaction. This will prevent the ANDI from prompting for a car wash if the card reader returns a printer problem (e.g. out of paper). 6. When in unattended mode and the POS is offline, the logic was changed to display "Out Of Service" instead of "Out of Service, POS Unavailable". When the CLEAR key is pressed at the DPT during the IDLE prompt, the DPT will then display "POS Unavailable". 7. Addresses an issue reported in SSN0900S, where The ANDI failed to include "Or Insert Reward Card" at the "Select Product" prompt. 8. A non Shell site trace (Generic Schlumberger ANDI) revealed a problem on dispensers with product select buttons. Assume the customer presses one of the product select buttons while the card reader displays a fleet prompt or a PIN prompt. The ANDI would get out-of-sync with the dispenser. The prompt timer would expire while displaying "One Moment Please" on the card reader display, but the sale would be cancelled. The issue has been submitted to Tokheim engineering for review. While awaiting a response, a change was made to better recover from this condition.

Wayne Direct Systems

Version(s)	Internal Revision	Release Date	Release Notes
SDN0900S	01	03/26/2003	1. Initial version of Shell software with support for the Wayne Direct interface.
	02	04/17/2003	1. Fixed issue with card insertion preventing a post pay transaction. 2. Fixed issue with sales that have a positive dollar amount but less than 16 pulses.
	03	04/23/2003	1. Fixed problem with "cropping" fleet prompts on an Ovation CAT display.
	04	04/26/2003	1. This system was rebuilt to have the same fix as GDA0100S Rev 20 (setting a non-zero loop count for channel 6 could cause the ANDI to continually warm start).
	05	05/20/2003	1. Added support for up to 30 dispensers. 2. In non-DUKPT systems, CAT 30 is not usable. It is reserved for the MSM. 3. After a transaction is run at the non-default price, the default prices are redisplayed at the dispenser upon completion of the transaction. However, the sales display is NOT cleared. 4. Added a volume limit to the station-wide (DIS 'O') message. This is a 7 byte field, numeric, with 3 decimal places. It's default is 0. 5. Added a volume preset field to the Barcode (DPT 'd') response. It uses the same field code and format as the volume preset in other DPT response messages such as the DPT 'R'. 6. Fixed a Wayne Dispenser bug. If a dispenser has cash/credit select buttons (and therefore separate cash/credit windows per product), only the default prices would be displayed after a sale. 7. Slowed down the dispenser poll rate.
SDN0900S (cont.)	06	06/12/2003	1. Enhanced log event message for blend ratio errors so that the log event contains the actual blend ratio.
SDN0901S	01	08/05/2003	1. Fixed issue with tiered pricing (different cash/credit prices) where it was possible to lose track of the MOP at the dispenser and cause the ANDI to misreport the correct MOP, prices, and amounts to the POS.
	02	02/11/2004	1. Fixed issue where volumes of 65.535 gallons or greater

			<p>would be reported incorrectly. This was specific to Ovation style dispensers.</p> <ol style="list-style-type: none">2. If an Ovation style dispenser was authorized at one price, and then stopped and authorized for a discount (e.g. as a result of a “takeover” by an outside card insertion), the dispenser would fuel at one price but report another. This has been fixed.3. Changed to allow 7 digits for the Odometer Reading (Shell QA item 415). Formerly, the maximum number of digits was 6.4. Changed logic to ensure the ANDI uses the same track for both, authorization and data-collect. Problems have been reported with Amex cards containing bogus track 1 data. This change works around that problem.5. Fixed problem with “cropping” fleet prompts on Wayne Ovation displays.6. Added support to alter the CAT idle prompt for prepay-only dispensers. <p>Formerly, the CAT always displayed as the final screen of the idle prompt:</p> <p>[To Pay Inside] [Begin Fueling]</p> <p>In these systems when the dispenser configuration is set to "Pre-Pay Only" mode, that last screen changes to:</p> <p>[Or Pay Inside] [Before Fueling]</p>
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