

Allied – Pilot ANDI Systems – Release Notes

Allied Versions: PxA0100S or Newer/ See Below for Specific Dual Dispenser Systems
Report Date: April 1, 2008
Submitted by: Bob Danford, Allied Electronics, Inc.

Gilbarco Systems

Version(s)	Status	Release Notes
PGA0101S	Released 11/09/2005	<ol style="list-style-type: none"> 1. Initial system specific to Pilot containing OPT support. The first OPT is determined by the sum of Loop1Cnt + Loop2Cnt + Loop3Cnt in the DPT 'J' message. 2. The number of OPTs is determined by Loop4Cnt in the DPT 'J' message. 3. Up to 48 dispensers are supported. 4. The 3rd dispenser loop is on Channel 9, as in generic systems. 5. The DPT 'J' message is now used to determine the number of CRIND's on channel 7 and the number of OPT's on channel 12. The maximum number of CRINDs is 32, the maximum number of OPT's is 16, and the maximum for the total is 48.
PGA0102S	Released 03/08/2006	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ':' through 'D' so the ANDI can continue to use single character identification. 2. Created the "DIS v" and "DIS u" commands to accept a two character value in the <i>Record Count</i> field. 3. Created the "DPT r" and "DPT s" commands to accept a two character value in the <i>Record Count</i> field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT's. 5. Added support for keypad type "O." This is specific to Pilot. 6. Modified "Please See Cashier" and "One Moment Please" prompting per Retailix specifications. 7. Added the <i>Sales Display Mode</i> and <i>Sales Display Delay</i> fields to the Fueling Point Configuration message (DIS M). 8. Added support for the <i>Post Pay Timeout</i> field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PGA0102S	Never Released to Production	<ol style="list-style-type: none"> 1. Addressed missing DPT C issue.

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PGA0104S	Released 08/07/2006		<ol style="list-style-type: none"> 1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PGA0200S	Never Released to Production		<ol style="list-style-type: none"> 1. Added support for the GSM 2. Fixed another issue where disconnecting the Pilot OPT could result in a missing DPT C response. 3. Modified “driver payback” functionality. 4. Changed the way cancelled sales and denied sales are handled. 5. Modified “One Moment Please” prompts. 6. Added a display screen. 7. Made some PAK “Please See Cashier” modification. 8. Added support for DUKPT encryption. 9. Made a change to display “One Moment Please” with all DIS D transaction types.
PGA0201S	Released 01/03/2007		<ol style="list-style-type: none"> 1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality.
PGA0203S Rev. 7	Released 10/4/2007		<ol style="list-style-type: none"> 1. Added logic to enable POS generated display screens in conjunction with Keyboard\Card\Soft keys. 2. Included the correction to the DPT “x” message response so that it returns the correct lower case ‘x’ in the response message. 3. Addressed lock-up issues on ANDI channel 7 and 12. 4. Added support for attendant cards with magnetic stripe data that contains either 5 or 8-digit attendant ID fields. 5. Added support to prevent drive-off scenarios from occurring at certain points during a card reader transaction. 6. Added support for allowing discount rules as part of the DPT Q (DPT Authorize Card) message. 7. Fixed issue with POS Formats Receipt flag that caused the printing of mixed SSC/POS receipts if the POS provided receipt text with carriage returns. 8. 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. 9. Fixed problem that prevented the downloading of image files to FP’s 25 and 26. 10. Enhanced code to prevent multiple “DPT Auth Card” (DPT R) messages in a single transaction. 11. Added support for the alpha-numeric keypad type ‘K’ enabled with enhanced soft key functionality. 12. Added support for values ‘A’ and ‘B’ of the <i>Dispenser Model</i> field of the DIS M message. Value ‘A’ represents a diesel island dispenser with printer support capability. Value ‘B’ represents a diesel island dispenser without printer support. 13. Added “ScreenXXX” support for custom Pilot screens. 14. Added custom idle screen support with keyed entry support. 15. Added “end-of-sale” message suppression. 16. Fixed JB Hunt “CANCEL” issue. 17. Added support for Screen008 for CRIND’s and Petrovend OPT’s.

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PGA0203S Rev. 7 (cont.)			<ul style="list-style-type: none"> 18. Enhanced code to prevent the CRIND from returning to an IDLE state without sending the DPT C message. 19. Added support for remote Warm and Cold Start. 20. Added enhancement to split the DIS “N” response message if the message overflows the response buffer. 21. Expanded FIM support for up to 16 tanks. The <i>Number of Tanks</i> field will be ASCII value “1” thru “@.”
PGA0210S Rev 1	N/A		<ul style="list-style-type: none"> 1. Added support for up to 48 Gilbarco CRINDs. ANDI channel 10 will serve as the additional CRIND channel. 2. In the DPT configuration message (DPT J), configure up to 32 CRINDs on <i>DPT Channel 1</i>, and 16 CRINDs on <i>DPT Channel 2</i>. 3. CRIND ID assignments use relative addressing. For example, with 32 CRINDs defined on channel 1 of the DPT Configuration message, FPs on channel 2 would be assigned as 1-16 at the individual CRINDs, but would be configured as 33-48 in the Dispenser Configuration (DIS M) message.

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Wayne Direct (Non-PIB) Systems

Version(s)	Status	Release Notes
PDA0100S	Released 11/09/2005	<ol style="list-style-type: none"> 1. Initial system specific to Pilot containing OPT support for Wayne dispensers (maximum 30 per site). A maximum of 30 CAT's and 16 OPT's are supported, with the total not to exceed 30 fueling points.
PDA0102S	Released 03/17/2006	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ':' through 'D' so the ANDI can continue to use single character identification. 2. Created the "DIS v" and "DIS u" commands to accept a two character value in the Record Count field. 3. Created the "DPT r" and "DPT s" commands to accept a two character value in the Record Count field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT's. 5. Added support for keypad type "L." This is specific to Pilot. 6. Modified "Please See Cashier" and "One Moment Please" prompting per Retailx specifications. 7. Added the Sales Display Mode and Sales Display Delay fields to the Fueling Point Configuration message (DIS M). 8. Added support for the Post Pay Timeout field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PDA0102S	Never Released to Production	<ol style="list-style-type: none"> 1. Addressed missing DPT C issue.
PDA0104S	Released 08/07/2006	<ol style="list-style-type: none"> 1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PDA0200S	Never Released to Production	<ol style="list-style-type: none"> 1. Fixed another issue where disconnecting the Pilot OPT could result in a missing DPT C response. 2. Modified "driver payback" functionality. 3. Changed the way cancelled sales and denied sales are handled. 4. Modified "One Moment Please" prompts. 5. Added a display screen. 6. Made some PAK "Please See Cashier" modification. 7. Added support for DUKPT. 8. Fixed issue that caused the SSC 'I' (request config) message to be sent after a warm start even if configuration had been programmed.
PDA0201S	Released	<ol style="list-style-type: none"> 1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality.

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	01/03/2007		2. Addressing is loop relative, just like Gilbarco and Tokheim.
PDA0203S Rev. 5	Released 10/4/2007		<ol style="list-style-type: none"> 1. If ENTER was pressed at a PIN prompt (sent via DPT 'X', mode 3), the ENTER key was not reported back to the POS. This has been fixed. 2. Fixed JB Hunt "CANCEL" issue. 3. Added OPT Screen008. 4. Added enhancement to split the DIS 'N' response message if the message overflows the response buffer. 5. Added support for 32 fueling points. 6. Added support for remote Warm and Cold Start. 7. Added support for Transaction Type "8." 8. Expanded FIM support for up to 16 tanks. The <i>Number of Tanks</i> field will be ASCII value "1" thru "@." 9. Corrected some screen errors. 10. Addressed lock-up issues on ANDI channel 7 and 12.

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Tokheim Systems

Version(s)	Status	Release Notes
PTA0101S	Released 11/10/2005	1. Initial system specific to Pilot containing OPT support.
PTA0102S	Released 03/17/2006	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ‘:’ through ‘D’ so the ANDI can continue to use single character identification. 2. Created the “DIS v” and “DIS u” commands to accept a two character value in the Record Count field. 3. Created the “DPT r” and “DPT s” commands to accept a two character value in the Record Count field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT’s. 5. Added support for keypad type “L.” This is specific to Pilot. 6. Modified “Please See Cashier” and “One Moment Please” prompting per Retailix specifications. 7. Added the Sales Display Mode and Sales Display Delay fields to the Fueling Point Configuration message (DIS M). 8. Added support for the Post Pay Timeout field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PTA0103S	Never Released to Production	1. Addressed missing DPT C issue.
PTA0104S	Released 08/07/2006	1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PTA0200S	Internal QA	<ol style="list-style-type: none"> 1. Fixed another issue where disconnecting the Pilot OPT could result in a missing DPT C response. 2. Modified “driver payback” functionality. 3. Changed the way cancelled sales and denied sales are handled. 4. Modified “One Moment Please” prompts. 5. Added a display screen. 6. Made some PAK “Please See Cashier” modification. 7. Made a change to allow the CANCEL key to cancel the prompt response in all conditions and not just when <i>MIN Keys</i> = 0. A <i>DPT X</i> response is returned. 8. Addressed a timing issue that was causing errors if the DPT did not reset the keypad <i>before</i> another keypad command was issued. 9. OPT messages have been returned to Line 1 of the OPT display screen.

Version(s)	Status	Internal Revision	Release Notes
PTA0105S	Released 10/12/2006		<ol style="list-style-type: none"> 1. Backed out all enhancements from PTA0200S and only included fixes that surrounded “ERFC” errors per customer request. 2. Addressed a timing issue that was causing errors when the DPT did not reset the keypad before another keypad command was issued.
PTA0201S	Released 01/03/2007		<ol style="list-style-type: none"> 1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality.
PTA0203S Rev. 2	Released 01/03/2008		<ol style="list-style-type: none"> 1. Added generic modifications allow the use of <i>ScreenXXX</i> messages to access the TED prompts. This change is not Pilot specific. 2. Pilot specific changes include an offset so TED prompt messages are referenced beginning with <i>Screen501</i> through <i>Screen599</i>. 3. <i>Prompt Mode</i> must be set to “Mode 2” to utilize the <i>ScreenXXX</i> TED access. 4. The <i>Prompt Mode</i> flag must be set to a value of “3” to utilize the <i>SCREENxxx</i> TED encrypted prompts (i.e. PIN). 5. Fixed JB Hunt “CANCEL” issue. 6. Added OPT Screen008. 7. Added enhancement to split the DIS ‘N’ response message if the message overflows the response buffer. 8. Added support for remote Warm and Cold Start. 9. Added support for Transaction Type “8.” 10. Expanded FIM support for up to 16 tanks. The <i>Number of Tanks</i> field will be ASCII value “1” thru “@.” 11. Addressed lock-up issues on ANDI channel 7 and 12.

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Tokheim/Wayne Direct (Non-PIB) Systems

Version(s)	Status	Release Notes
PTD0100S	Released 11/22/2005	<ol style="list-style-type: none"> 1. Initial system specific to Pilot which supports Tokheim (primary with DPT's) and Wayne Direct (secondary with OPT's). 2. Ch 5 – Tokheim dispensers. Use DIS 'O', Loop1Cnt. 3. Ch 6 – Wayne dispensers. Use DIS 'O', Loop2 Cnt. 4. Ch 7 – Tokheim DPTs. Use DPT 'J', Loop1Cnt. 5. Ch 12 – Petrovnd OPTs. Use DPT 'J', Loop4 Cnt.
PTD0102S	Never Released to Production	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ':' through 'D' so the ANDI can continue to use single character identification. 2. Created the "DIS v" and "DIS u" commands to accept a two character value in the Record Count field. 3. Created the "DPT r" and "DPT s" commands to accept a two character value in the Record Count field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT's. 5. Added support for keypad type "L." This is specific to Pilot. 6. Modified "Please See Cashier" and "One Moment Please" prompting per Retailx specifications. 7. Added the Sales Display Mode and Sales Display Delay fields to the Fueling Point Configuration message (DIS M). 8. Added support for the Post Pay Timeout field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PTD0103S	Released 04/24/2006	<ol style="list-style-type: none"> 1. Added logic for the postpay timeout feature.
PTD0104S	Released 08/07/2006	<ol style="list-style-type: none"> 1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PTD0105S	Released 10/12/2006	<ol style="list-style-type: none"> 1. Made a change to allow the CANCEL key to cancel the prompt response in all conditions and not just when <i>MIN Keys = 0</i>. A <i>DPT X</i> response is returned. 2. Addressed a timing issue that was causing errors if the DPT did not reset the keypad <i>before</i> another keypad command was issued. 3. OPT messages have been returned to Line 1 of the OPT display screen. 4. Included all fixes surrounding "ERFC" errors. 5. Addressed a timing issue that was causing errors when the DPT did not reset the keypad before another keypad command was issued.

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PTD0201S	Released 12/08/2006	<ol style="list-style-type: none"> 1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality. 2. Addressing is loop relative, just like Gilbarco and Tokheim. 3. Fixed dispenser “Link Up” issue.
PTD0203S Rev 1	Internal QA	<ol style="list-style-type: none"> 1. Added generic modifications allow the use of <i>ScreenXXX</i> messages to access the TED prompts. This change is not Pilot specific. 2. Pilot specific changes include an offset so TED prompt messages are referenced beginning with <i>Screen501</i> through <i>Screen599</i>. 3. <i>Prompt Mode</i> must be set to “Mode 2” to utilize the <i>ScreenXXX</i> TED access. 4. The <i>Prompt Mode</i> flag must be set to a value of “3” to utilize the <i>ScreenXXX</i> TED encrypted prompts (i.e. PIN). 5. Fixed JB Hunt “CANCEL” issue. 6. Added OPT Screen008. 7. Added enhancement to split the DIS ‘N’ response message if the message overflows the response buffer. 8. Added support for remote Warm and Cold Start. 9. Added support for Transaction Type “8.” 10. Expanded FIM support for up to 16 tanks. The <i>Number of Tanks</i> field will be ASCII value “1” thru “@.” 11. Addressed lock-up issues on ANDI channel 7 and 12.

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Tokheim/Gilbarco Systems

Version(s)	Status	Release Notes
PTG0100S	Released 11/29/2005	<ol style="list-style-type: none"> 1. Initial system specific to Pilot which supports Tokheim (primary with DPT's) and Gilbarco (secondary with OPT's).
PTG0102S	Released 04/19/06	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ':' through 'D' so the ANDI can continue to use single character identification. 2. Created the "DIS v" and "DIS u" commands to accept a two character value in the Record Count field. 3. Created the "DPT r" and "DPT s" commands to accept a two character value in the Record Count field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT's. 5. Added support for keypad type "L." This is specific to Pilot. 6. Modified "Please See Cashier" and "One Moment Please" prompting per Retailix specifications. 7. Added the Sales Display Mode and Sales Display Delay fields to the Fueling Point Configuration message (DIS M). 8. Added support for the Post Pay Timeout field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PTG0104S	Released 08/07/2006	<ol style="list-style-type: none"> 1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PTG0105S	Released 10/12/2006	<ol style="list-style-type: none"> 1. Made a change to allow the CANCEL key to cancel the prompt response in all conditions and not just when <i>MIN Keys = 0</i>. A <i>DPT X</i> response is returned. 2. Addressed a timing issue that was causing errors if the DPT did not reset the keypad <i>before</i> another keypad command was issued. 3. OPT messages have been returned to Line 1 of the OPT display screen. 4. Included all fixes surrounding "ERFC" errors. 5. Addressed a timing issue that was causing errors when the DPT did not reset the keypad before another keypad command was issued.
PTG0201S	Internal QA	<ol style="list-style-type: none"> 1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality.
PTG0203S Rev. 2	Internal QA	<ol style="list-style-type: none"> 1. Added logic to enable POS generated display screens in conjunction with Keyboard/Card/Soft keys. 2. Included the correction to the DPT "x" message response so that it returns the correct lower case 'x' in the response message. 3. Addressed lock-up issues on ANDI channel 7 and 12. 4. Added support for attendant cards with magnetic stripe data that

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PTG0203S Rev. 2 (cont.)	Internal QA		<p>contains either 5 or 8-digit attendant ID fields.</p> <ol style="list-style-type: none"> 5. Added support to prevent drive-off scenarios from occurring at certain points during a card reader transaction. 6. Added support for allowing discount rules as part of the DPT Q (DPT Authorize Card) message. 7. Fixed issue with POS Formats Receipt flag that caused the printing of mixed SSC/POS receipts if the POS provided receipt text with carriage returns. 8. 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. 9. Fixed problem that prevented the downloading of image files to FP's 25 and 26. 10. Enhanced code to prevent multiple "DPT Auth Card" (DPT R) messages in a single transaction. 11. Added support for the alpha-numeric keypad type 'K' enabled with enhanced soft key functionality. 12. Added support for values 'A' and 'B' of the <i>Dispenser Model</i> field of the DIS M message. Value 'A' represents a diesel island dispenser with printer support capability. Value 'B' represents a diesel island dispenser without printer support. 13. Added "ScreenXXX" support for custom Pilot screens. 14. Added custom idle screen support with keyed entry support. 15. Added "end-of-sale" message suppression. 16. Fixed JB Hunt "CANCEL" issue. 17. Added support for Screen008 for CRIND's and Petrovend OPT's. 18. Enhanced code to prevent the CRIND from returning to an IDLE state without sending the DPT C message. 19. Added support for remote Warm and Cold Start. 20. Added enhancement to split the DIS "N" response message if the message overflows the response buffer. 21. Expanded FIM support for up to 16 tanks. The <i>Number of Tanks</i> field will be ASCII value "1" thru "@". 22. Added generic modifications allow the use of <i>ScreenXXX</i> messages to access the TED prompts. This change is not Pilot specific. 23. Pilot specific changes include an offset so TED prompt messages are referenced beginning with <i>Screen501</i> through <i>Screen599</i>. 24. <i>Prompt Mode</i> must be set to "Mode 2" to utilize the <i>ScreenXXX</i> TED access.4. 25. The <i>Prompt Mode</i> flag must be set to a value of "3" to utilize the SCREENxxx TED encrypted prompts (i.e. PIN).

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Gilbarco/Tokheim Systems

Version(s)	Status	Release Notes
PGT0100S	Released 12/29/05	1. Initial system specific to Pilot which supports Gilbarco (primary with CRIND's) and Tokheim (secondary with OPT's).
PGT0102S	Released 04/19/06	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ':' through 'D' so the ANDI can continue to use single character identification. 2. Created the "DIS v" and "DIS u" commands to accept a two character value in the Record Count field. 3. Created the "DPT r" and "DPT s" commands to accept a two character value in the Record Count field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT's. 5. Added support for keypad type "O." This is specific to Pilot. 6. Modified "Please See Cashier" and "One Moment Please" prompting per Retalix specifications. 7. Added the Sales Display Mode and Sales Display Delay fields to the Fueling Point Configuration message (DIS M). 8. Added support for the Post Pay Timeout field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PGT0104S	Released 08/07/2006	1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PGT0201S	N/A	1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality.
PGT0203S Rev. 2	Internal QA	<ol style="list-style-type: none"> 22. Added logic to enable POS generated display screens in conjunction with Keyboard/Card/Soft keys. 23. Included the correction to the DPT "x" message response so that it returns the correct lower case 'x' in the response message. 24. Addressed lock-up issues on ANDI channel 7 and 12. 25. Added support for attendant cards with magnetic stripe data that contains either 5 or 8-digit attendant ID fields. 26. Added support to prevent drive-off scenarios from occurring at certain points during a card reader transaction. 27. Added support for allowing discount rules as part of the DPT Q (DPT Authorize Card) message. 28. Fixed issue with POS Formats Receipt flag that caused the printing of mixed SSC/POS receipts if the POS provided receipt text with carriage returns. 29. 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.

Version(s)	Status	Internal Revision	Release Notes
PGT0203S Rev. 2 (cont.)	Internal QA		<ul style="list-style-type: none"> 30. Fixed problem that prevented the downloading of image files to FP's 25 and 26. 31. Enhanced code to prevent multiple "DPT Auth Card" (DPT R) messages in a single transaction. 32. Added support for the alpha-numeric keypad type 'K' enabled with enhanced soft key functionality. 33. Added support for values 'A' and 'B' of the <i>Dispenser Model</i> field of the DIS M message. Value 'A' represents a diesel island dispenser with printer support capability. Value 'B' represents a diesel island dispenser without printer support. 34. Added "ScreenXXX" support for custom Pilot screens. 35. Added custom idle screen support with keyed entry support. 36. Added "end-of-sale" message suppression. 37. Fixed JB Hunt "CANCEL" issue. 38. Added support for Screen008 for CRIND's and Petrovend OPT's. 39. Enhanced code to prevent the CRIND from returning to an IDLE state without sending the DPT C message. 40. Added support for remote Warm and Cold Start. 41. Added enhancement to split the DIS "N" response message if the message overflows the response buffer. 42. Expanded FIM support for up to 16 tanks. The <i>Number of Tanks</i> field will be ASCII value "1" thru "@".

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Wayne Direct/Tokheim Systems

Version(s)	Status	Release Notes
PDT0101S	Released 03/17/2006	<ol style="list-style-type: none"> 1. Initial system specific to Pilot which supports Wayne dispensers (non-PIB) on the primary loop with CAT's and Tokheim dispensers on the secondary loop with OPT's. The number of dispenser cannot exceed 30.
PDT0102S	Internal QA	<ol style="list-style-type: none"> 1. Added logic for fuel grades 10 – 20 which will follow the ASCII table beginning with ':' through 'D' so the ANDI can continue to use single character identification. 2. Created the "DIS v" and "DIS u" commands to accept a two character value in the Record Count field. 3. Created the "DPT r" and "DPT s" commands to accept a two character value in the Record Count field. 4. Added support for 10 -12 lines (i.e. 185 character support) for Petrovend OPT's. 5. Added support for keypad type "L." This is specific to Pilot. 6. Modified "Please See Cashier" and "One Moment Please" prompting per Retailix specifications. 7. Added the Sales Display Mode and Sales Display Delay fields to the Fueling Point Configuration message (DIS M). 8. Added support for the Post Pay Timeout field in the Station Wide Configuration (DIS O) message. 9. Added Pilot SOW Fuel Grade expansion updates.
PDT0104S	Released 08/07/2006	<ol style="list-style-type: none"> 1. If the OPT was power cycled during fueling, the ANDI would not report the sales completion message (DPT C) at the end of the transaction and result in an incomplete pay-at-pump transaction. Logic was added to properly handle this scenario.
PDT0201S	N/A	<ol style="list-style-type: none"> 1. Added modifications to allow receipt printing up to 44 lines of text using the <i>POS Formats Receipt</i> functionality. 2. Fixed dispenser "Link Up" issue.
PDT0203S	Internal QA	<ol style="list-style-type: none"> 1. Rev 1: Includes all fixes and enhancements from other Pxx0203S versions. 2. Rev 2: Added support for warm/cold start functionality.

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Schlumberger Systems

Version(s)	Status	Release Notes
PSA0104S	Released 03/16/2007	<ol style="list-style-type: none"> 1. Initial Schlumberger system specific to Pilot. <i>This system DOES NOT contain OPT support.</i> 2. Following a cold start, DIS D commands would be refused with a completion code of 'B' (busy). This was present in all SW systems but would only be noticed if the DPT 'M' command was used to change the Idle Prompt. A side-effect of fixing this causes the "configuring" message to take a little longer to show on the LCD once configuration starts.