	Dealer Data Exchange **JDPrism**
![John Deere logo]	

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Overview

DPM (Dealer Parts Management) is an optional, service offered by Deere to manage dealer stocked part inventory. JDPrism is a tool that DPM uses to generate stock replenishment orders, suggested inter-store stock transfers between two dealer stores on the same dealer system, and the return of surplus parts to Deere using sophisticated, configurable business rules.

There is provision in the file formats and rules to support non-John Deere parts, sometimes referred to as vendor parts. At this time however, JDPrism does not support non-John Deere parts.   Therefore, structure your interfaces to allow for non-John Deere parts in the future, but there is no need to develop full support at this time.

There are five DTF-based interfaces that support JDPrism listed below. Interfaces 1 and 2 are required. For most dealer systems, interface 3 is also required. **We strongly recommend that interfaces 1-4 be implemented by the dealer system vendor and integrated into the dealer system processes if possible**. Please carefully read the detailed information below if you are considering not developing interfaces 3, 4 or 5. **Contact the JDPrism support team when planning interface development**.

Dealer-to-Deere (Inbound)
1. **Dealer Parts Data** (in this document)
   - Through this interface, Deere will receive the necessary parts detail from the dealer system

Deere-to-Dealer (Outbound)
2. **Orders** (in this document)
   - Through this interface, the dealer system will learn of the orders that were created by JDPrism on behalf of the dealer
3. **Transfers** (in this document)
   - Through this interface, the dealer system will learn of inter-store transfers that JDPrism suggests. This interface is required for dealer systems that support the transfer of parts inventory between two dealer stores that share the same dealer system.
4. **Schedule** (in this document)
   - Through this interface, the dealer system will be 'invited' to start sending data to JDPrism at a scheduled time. In addition, JDPrism generates dealer orders based on a schedule that must be synchronized between the dealer system and JDPrism. The schedule interface allows DPM to synchronize the two systems remotely as schedules change, which happens reasonably often. Without the schedule interface, the dealer system would have to be manually updated. If that would require a call to the dealer system support organization you should strongly consider implementing this interface to save yourself and the dealer time.
5. **Authorized Part Returns** If your system is for countries other than the United States, Canada, Australia, New Zealand, or South Africa please contact Deere related to this requirement. There may be additional restrictions concerning the Authorized Part Return interface. (see: http://dlrdoc.deere.com/en_US/dde/DTF/Exchanges/Authorized_Part_Returns.pdf)
   - JDPrism will prepare a list of requested parts to return and send it to Deere with no dealer system interaction. Through this interface,

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the dealer system will learn of the excess parts that Deere has <u>approved</u> for return. If the dealer system provides <u>no</u> process to manage part returns to the manufacturer, the interface is not required. If the dealer system does provide a process to manage part returns to the manufacturer, here are two options to consider. Option 1 is to support this interface, and to load the parts approved for return into the dealer system when the approved list arrives through DTF. Option 2 would be to download a spreadsheet of the parts approved for return from Deere to load to the dealer system. Option 2 is more manual but may be viable

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Terminology

Term	Description
Conditional	When a field is marked as conditional it is required (must be included) when the conditions described for the field are met. Please read the ***Delimiter, Field*** Special Considerations section.
DBS	Acronym for ***D***ealer ***B***usiness ***S***ystem; the system that manages the dealer business; synonymous with DMS
Daily Record	An extract file record that contains a subset of the fields found on an Initialization Record. Daily Records will only be in Delta Files and never in Initialization Files. See the Delta File Business Rules Special Consideration entry.
Delta File	An extract file sent from the DBS to Deere that contains only parts that have had changes significant to JDPrism since the previous extract. Both Daily Records and Initialization Records may exist in a Delta File. See the Delta File Business Rules Special Consideration entry.
DMS	Acronym for ***D***ealer ***M***anagement ***S***ystem; the system that manages the dealer business; synonymous with DBS
Download	The act of the dealer DTF client pulling a file to the dealer system from the DTF server at Deere
DPM	Acronym for ***D***ealer ***P***arts ***M***anagement a parts management service, offered by Deere, that dealers can subscribe to
DTF	Abbreviated acronym for John Deere ***D***ata ***T***ransfer ***F***acility which is proprietary client/server software used to move files between dealer systems and Deere.
Franchise (synonymous with warehouse)	A dealer-defined code which identifies a grouping of parts that are managed together for a dealer location, generally for a specific manufacturer. It is highly recommended that the franchise/warehouse values sent from the DMS to JDPrism be unique across all the dealer locations using the DMS and that they be recognizable to the dealer as belonging to a particular dealer location and as applying to a particular group of parts for a manufacturer.
Hits (synonymous with Demands)	A "hit" is a sales request for a part. For a parts invoice or a service work order, one part sales line equals one hit. If one customer comes in and wants 5 of a part, that is one hit. If 5 customers come in, and they each want one of the same part, that would be 5 hits.
Inbound	Files moving from the dealer system to Deere via DTF. i.e. Dealer-to-Deere
Initialization File	An extract file sent from the DBS to Deere that contains an Initialization Record for every part.
Initialization Record	An extract record that contains all data fields for a part. Initialization Records will be in Initialization Files and sometimes in Delta Files. See the Delta File Business Rules Special Consideration entry.
MTD	Abbreviation for Month-To-Date
Optional	When a field is described as Optional, it means that it is up to the dealer system's discretion whether to send it or not. Our recommendation would be to send optional fields that are readily available in the dealer system. Please read the ***Delimiter, Field*** Special Considerations section.

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Outbound	Files moving from Deere to the dealer system via DTF. i.e. Deere-to-Dealer
Parts Per Package (PPP)	Parts per package (PPP) indicates the number of <u>whole</u> retail units the dealer assumes from 1 manufacturer unit. Sometimes a dealer may choose to "sub-divide" manufacturer parts for retailing. Classic examples of parts that would be sub-divided are bulk containers of fluids like lubricants and coolant, and reels/spools of hose. The dealer may order a 100 meter spool of hose but sell it by the meter. There are two known ways for a dealer system to sub-divide manufacturer parts. Some business systems let the dealer assign a factor to the part to identify the number of whole retail units they create from one manufacturer unit. For the hose example, the factor would be set to 100. This would result in the dealer system showing 100 whole retail units on hand for a single spool of hose. When 30 meters of the spool are sold, they would show 70 whole units remaining on hand. Some business systems may retain the manufacture units but let the dealer sell it in fractional quantities. In this approach, 1 full spool of hose would reflect as one on hand unit. The dealer could record a sale of .01 for each meter of hose sold. When 30 meters of hose are sold, they would show .70 units remaining on hand. The methods vary but the goal is the same; to accurately reflect the sales history and on hand quantities of the sub-divided parts for inventory management. In the first approach, PPP is 100 because the dealer treats 1 manufacturer unit as 100 retail units. After the dealer has sold 30 meters of hose, the on hand is 70. In other words, 70/100 (or 70%) of a manufacturer unit remains on hand. In the second approach, PPP is 1 because the dealer treats 1 manufacture unit as 1 retail unit. After the dealer has sold 30 meters of hose, the on hand would be .70. In other words, .70/1 (or 70%) of the manufacturer unit remains on hand. i.e. The results come out the same.
Required	When a field is marked Required in this document, valid data must be included between the tabs for the process to work properly. For example, a pair of tabs is not assumed to be zero for a required numeric field. Instead the dealer system is expected to send the 0 between the tabs.
Tab-delimited	A file format where each data field is separated by a tab special character (hex 09)

Upload	The act of the dealer DTF client pushing a file from the dealer system to the DTF server at Deere.
Warehouse (synonymous with Franchise)	A dealer-defined code which identifies a grouping of parts that are managed together for a dealer location, generally for a specific manufacturer. It is highly recommended that the franchise/warehouse values sent from the DMS to JDPrism be unique across all the dealer locations using the DMS and that they be recognizable to the dealer as belonging to a particular dealer location and as applying to a particular group of parts for a manufacturer.

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JOHN DEERE	**JDPrism**

Special Considerations

Consideration	Description
Adding Parts	There are multiple scenarios where a part will be ordered in JDPrism for a location that has not previously loaded that part. One simple scenario is that the dealer simply chooses to add and order a part in JDPrism for any reason. Another more complex scenario is when the JDPrism corporate stocking rules find enough demand across multiple corporate locations for a non-stocked part to order and become stocked for the corporation, but the part is not on file at the location where corporate stock is physically stored. **In any case, when JDPrism orders a part that is not already in the DBS, it is necessary for the DBS to add the part when it arrives in the JDPrism DPMORD file and to log the on-order quantity.** This will enable efficient receipting of that part when it physically arrives at the dealership it will cause the part and the corresponding on-order quantity to be in the next extract sent from the DBS to JDPrism, preventing duplicate orders that will inflate the dealer's inventory. It is possible that the part ordered in JDPrism may be one that the dealer has never received from Deere in a price file. The dealer will either have to manually add the other required data attributes or the DBS may be able to add them later from the part receipt record sent by Deere when the part ships.

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Consideration	Description
Average Cost	For all JDPrism replenishment decisions and for most reports, a part's wholesale price, which Deere obviously knows, is used. However, for JDPrism to match any DBS accounting reports that are based on the dealer's average cost, the dealer's average cost must be sent to JDPrism. The basic average cost concept is to track all costs for a part and then to calculate an average of those costs for the parts on hand. An example would be that a dealer buys 5 parts at $9 each then later buys 5 more at $10 each. If the dealer still has all ten parts, the average cost is $9.50 per part. Deere will not provide a specific definition of part average cost. We want whatever your DBS uses as part average cost so that we can match your DBS accounting reports. If the dealer's DBS is tracking part average cost, include the part average cost in that dealer's JDPrism extract, else include no average cost in the extract. If the DBS offers a dealer option to track part average cost or not, only send average cost in the JDPrism extracts of those dealers who choose to track it.
Data formats – Char(x)	The field may contain any combination of printable characters with a maximum length of "x". Example: Char(5) could be 11111 or a1 or &5$ or abcde

Data formats – Date(10)	The field contains a date in the format *YYYY-MM-DD*:
	     YYYY = numeric Year (2010-9999)
	     - = static value
	     MM = numeric month (01-12)
	     - = static value
	     DD = numeric Day (01-31)
	
	 Example: 2012-03-22 is March 22, 2012

Consideration	Description
Data formats – Dec(x,y)	The field may contain a fractional number with a maximum of "x" bytes to the left of the decimal marker (.) and a maximum of "y" numeric bytes to the right of the decimal marker (.) A leading "-" indicates a negative number. The negative sign, if present, is not counted as part of the maximum length. The only decimal supported is the decimal point (.). If there is no significant number after the decimal mark, omit the decimal mark and the digits that follow it from the number. Other punctuation, like currency signs and thousands separators, is not valid. Example: Dec(5,2) could be -99999.99 or 99999.99 or .01 or 12.34 or 833.1 or 23 or 23.01 or 0
Data formats – Int	The field may contain a whole number only with no decimal marker and with no maximum length defined A leading "-" indicates a negative number. The negative sign, if present, is not counted as part of the maximum length. Other punctuation, like thousands separators, is not valid. Example: 0 or 32211 or 8887636562552 or -56, etc.
Data formats – Int(x)	The field may contain a whole number only with no decimal marker and with a maximum length of "x" A leading "-" indicates a negative number. The negative sign, if present, is not counted as part of the maximum length. Other punctuation, like thousands separators, is not valid. Example: Int(5) can be values in the range of -99999 through 99999 or 1 or 822 or 0, etc.
Data formats – Time(8)	The field contains a time in the format **HH:MM:SS** **HH** = Hour (00-24) **:** = static value **MM** = Minute of the hour (00-59) **:** = static value **SS** = Second of the minute (00-59) Example: 14:15:23 is 1400 hours 15 minutes and 23 seconds

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Consideration	Description
Decimal Mark	The only decimal mark that is supported in this interface is the decimal point ".".
Delimiter, field	Each field on a line / record should be separated by a tab character (hex 09). Because tab is the field delimiter, it must never be included in a data value. If an Optional or Conditional field is not sent, the tab should still be included to maintain the proper field sequencing within the record with the following exceptions that pertain to the DBS data extract Part Detail Record only: 1) If a Daily record is being sent for the part, the Daily record should be terminated immediately prior to the start of the initialization record fields. I.e. Do not send tabs to hold the position of the initialization fields on a Daily record. 2) If an Initialization record is being sent for the part, the initialization record should be terminated after the final set of history fields that is applicable to the part. I.e. Do not send tabs to hold the position for sets of monthly history data that are older than the history available for the part.
Delimiter, line / record	Each line / record should be terminated by the carriage return and line feed characters (hex 0D0A). Because carriage return (hex 0D) and line feed (hex 0A) are line delimiters, they must never be included in a data value.

Consideration	Description

Delta File Business Rules	<mark>Deere plans to allow the option of JDPrism support without the support of Delta Files, as a means to lower the development effort for the dealer business system team, balanced against volume considerations for Deere. Please contact JDPrism support to determine if it is necessary for you to support Delta Files.</mark>
	
	When building a Delta extract, check and apply the rules below in sequence to each eligible part. Once a rule applies, do not check subsequent rules. For example, if rule 1 does not apply, then check rule 2. If rule 2 applies, then there is no need to check rules 3 and higher.
	1) If a part was added after the previous extract, send an initialization record.
	2) If historical sales changed since the previous extract, for any reason other than the normal fiscal month–end history processing, send an initialization record. i.e. ***Do not send an initialization record for every part just because the fiscal month-end process was run!***
	3) If there was no change in any of the fields listed below since the previous extract, send no record.
	4) If there was a change in any of the fields listed below since the previous extract AND it is the first extract after the dealer fiscal month-end, send an initialization record. Note: There is a timing issue that makes this necessary. If a sale is recorded for the part in the DBS just prior to fiscal month end and after the previous extract, JDPrism will never receive that sale unless a full initialization record is sent.
	5) If there was a change in any of the fields listed below since the previous extract, send a daily record.
	   • Available Quantity
	   • On Order Quantity
	   • Reserve Quantity – Work Orders
	   • Reserve Quantity – Part Tickets
	   • Current MTD Sales
	   • Current MTD Hits
	   • Current MTD Lost Sales
	   • Current MTD Lost Hits
	   • Dealer PPP (Parts Per Package)
	   • Bin Location
	   • Alternate Bin Location
	   • Pricing base (JDParts)
	   • Pricing additive (JDParts)
	   • Dealer price (JDParts)
	   • Order Formula Code (OFC)
	   • Delete Indicator
	   • Average Cost
	In addition, for eligible **non-Deere** parts, changes to the following fields should also be checked.
	   • Vendor part cost
	   • Vendor package quantity
	   • Vendor Code
	   • Vendor substitution information

Consideration	Description
Historical Sales Data – Part Detail Initialization Record	Sales history is crucial input to accurately predict future inventory needs. In the **part detail initialization record**, monthly sales history is a set of four fields: **Sales**, **Hits**, **Lost Sales** and **Lost Hits**. If a part is currently active in the DMS and monthly history is retained for any of the four fields, then the monthly sales history should be included for each contiguous past month that the part was on file, up to 36 months total. Field 31 indicates how many contiguous past months that the part was on file. Stated another way, field 31 indicates how many sets of the four history fields are present on the record. For a sales history field that the DMS retains by month, a number is expected in every occurrence of that field for each past month that the part was on file as indicated by field 31. There can be no gaps. For a sales history field that the DMS does not retain by month, a tab is expected to maintain field positioning. The record should be terminated with hex 0D0A After the last set of four sales history fields.. Example: 1) Part T19044 is active and has been on the dealer file for the past 11 months. 2) The DMS retains monthly **Sales** and **Hits.** 3) The DMS does not retain monthly **Lost Sales** and **Lost Hits.** On the part initialization record for T19044 ... 1) Field 31 will equal 11 2) The first 11 occurences of **Sales** history will contain a number representing the sales for that past month 3) The first 11 occurences of **Hits** history will contain a number representing the actual hits for that past month 4) The first 11 occurences of **Lost Sales** history will only have a tab to retain field positioning 5) The first 11 occurrences of **Lost Hits** history will only have a tab to retain field positioning 6) The record will be terminated after the 11th set of four monthly sales history fields Note: If the DMS retains no monthly sales history, then no monthly sales detail should be sent, field 31 should be 0 and the DMS can send any annual historical sales totals that are available in fields 177-192 instead.

Consideration	Description
Inbound Process on DBS	It is a minimum requirement for the DBS to support the inbound (dealer-to-Deere) interface. If the DBS supports the outbound Orders and Transfers interfaces then, immediately before extracting data from the dealer business system for the inbound interface, a DTF download must be run and all Orders and Transfers must be processed in the sequence that they were received, to limit the exposure to data synchronization issues.
Numeric Values	Numbers should contain no leading zeroes and negative numbers should be represented by a leading "-" sign. i.e. Positive number: 123 Negative number: -123. If there are no significant values after the decimal mark in a field defined as decimal, send only the whole number portion with no ".00" appended to it.
Part piece quantities	All part piece count fields, including on order quantities, sent from the DBS to Deere should be represented in the dealer's retail units. Although the 'on order' quantity is to be sent in dealer retail units, because you can only order in whole units, the expectation is that 'on order' would always be a whole number.
Part Quantities	Part quantities should be represented in the dealer's retail piece count, unless specified otherwise.
Parts Locator Interface	The inbound (dealer to Deere) interface described in this document can replace the Parts Locator interface. However, it will only replace the parts locator interface for dealers that subscribe to the DPM service and use JDPrism. When a dealer subscribes to DPM and begins sending the JDPrism inbound interface, the Parts Locator interface should be turned off on their dealer system. I.e. The DBS must provide a way to turn off the Parts Locator interface to avoid sending duplicate data.
Surplus Returns Interface	JDPrism will generate the monthly surplus returns for dealers that subscribe to that level of DPM service. Dealer systems should not send a surplus returns file from the dealer system when DPM generates that file for them. So, the dealer system needs to be able to turn that interface off. Also, it may be important for the dealer system to implement the Authorized Part Returns interface when JDPrism is used to generate part returns. That way the dealer system receives a digital list of the parts that are on the authorized return list. From that file, the list can be created in the dealer system, ready to be processed when the return pick tags are received. If your system is for countries other than the United States, Canada, Australia, New Zealand, or South Africa please contact Deere related to this requirement. There may be additional restrictions concerning the Authorized Part Return interface. The Authorized Part Returns interface is not in this document. It is at the following link (Deere user ID required). http://dlrdoc.deere.com/en_US/dde/DTF/Exchanges/Authorized_Part_Returns.pdf
Unicode Character set	The Unicode UTF-8 character set is supported for the JDPrism interfaces.

Consideration	Description
Warehouses (Franchises)	Many dealer systems support multiple 'logical' parts warehouses at one physical dealership location. The logical warehouse is part of the 'key' in these interfaces and must be consistently used in the dealer system and in JDPrism. It permits JDPrism to manage multiple groupings of parts from one manufacturer for a single dealership location and also to manage non-Deere parts. There logical warehouse names are defined by the DBS. It may be a field that exists in the DBS today (like the legacy JDIS warehouse field), or a combination of fields from the DBS (like a combined branch/franchise). In the DBS and in the JDPrism system the user will define the attributes of each logical warehouse. For example, one attribute would indicate if the logical warehouse is used for Deere or non-Deere parts. It is highly recommended that the franchise/warehouse values sent from the DMS to JDPrism be unique across all the dealer locations using the DMS and that they be recognizable to the dealer as belonging to a particular dealer location and as applying to a particular group of parts for a manufacturer.

Dealer Parts Extract (DPMEXT)

Business Rules

This interface sends the current dealer parts information from the dealer's system to Deere via DTF.

One parts data extract file should be created and uploaded for the entire DBS / DTF group per the predefined schedule as set by JDPrism and it should include all the data for all the dealers sharing that DBS. If the DBS / DTF group includes dealers with different stock order cutoff times, the timing of the extract will be determined based on the earliest cutoff time for the group. One exception to this rule will be where one DBS is used to manage multiple dealerships, each with their own independent set of data. In that case, one DTF client will support the DBS but there will be a separate extract processes run for each set of data and therefore there will be separate files.

There are three record types in this interface; the file header, the account/warehouse (franchise) header and the part detail record. The part detail records include two types; the daily record and the initialization record. The initialization record is simply the daily record with additional data fields appended to it. The file header record must be the first record in the file. A block of records for each account / warehouse should come next and be comprised of the account/warehouse header record followed by a part record for each part that is being uploaded for that account/warehouse. No special sequence is required for the individual part records. So for a DBS that is sending data for three different account / warehouse combinations, the generic sequence of data would be as follows:

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File Header
    Account/Warehouse Header for _first_ Account/Warehouse
      Part record 1 for first account/warehouse
      Part record 2 for first account/warehouse
      ...
      Part record n for _first_ account/warehouse
    Account/Warehouse Header for _second_ Account/Warehouse
      Part record 1 for second account/warehouse
      Part record 2 for second account/warehouse
      ...
      Part record n for second account/warehouse
    Account/Warehouse Header for _third_ account/Warehouse   *<= Send account/warehouse header even if no parts changed!*
    Account/Warehouse Header for _fourth_ account/Warehouse
      Part record 1 for fourth account/warehouse
      Part record 2 for fourth account/warehouse
      ...
      Part record n for fourth account/warehouse
  EOF

For an extract meant to initialize all the dealer data in JDPrism, an initialization record should be created for every part in the warehouses that are selected for upload. *Due to the massive amount of data it generates, the DBS should send a full set of initialization records in just two cases; once when the dealer first goes on JDPrism and once thereafter only when Deere specifically requests it.*

For daily (Delta) extracts, records should be sent per the Special Considerations – **Delta Files Business Rules** entry. Deere plans to allow the option of JDPrism support without the support of Delta Files, as a means to lower the development effort for the dealer business system team, balanced against volume considerations for Deere. Please contact JDPrism support to determine if it is necessary for you to support Delta Files.

If the Schedule interface is supported, Deere will be able to update the scheduled run time for the extract process and if the next extract should use initialization records. If the Schedule interface is not supported, then the DBS needs to provide the option of running an initialization file, one time, on request, via some other method of control.

The DBS must provide a way for the dealer to select which warehouses they include in their extract. Every warehouse that the dealer wants to include in Deere's parts locator must be selected and uploaded. The dealer should be allowed to indicate if the particular warehouse is being sent for parts locator purposes only, JDPrism order replenishment purposes only or for both parts locator and JDPrism order replenishment. The dealer's selection will then be included on the warehouse header record.

JDPrism offers order replenishment logic based on dealer part cost. For non-Deere parts, dealer cost will be required from the DBS. To manage the sensitive nature of dealer cost without revealing actual dealer cost to Deere, the DBS would need to convert the dealer cost of the non-Deere parts to some common value that falls within the corresponding range setup for the dealer in JDPrism. For example, if there is a dealer cost range of $0-$10 the dealer cost sent on all parts in that range could be converted to and sent as $5 by the DBS.

When sending initialization records, the DBS should send as many months of historical sales data (up to 36 months) as is available. If no monthly history buckets are available on the DBS, any past year totals should be sent as indicated in the detail record definition.

If the DBS supports the JDPrism Orders and/or Transfers interfaces, it is a requirement for the DBS to *download* all Orders and Transfers and to process them in the sequence that they were created immediately before extracting the DBS data for JDPrism to limit the dealer's exposure to data synchronization issues.

It is a requirement for the DBS to *upload* the extract file to Deere immediately after it is created to minimize the dealer's exposure to data synchronization issues.

Lost Sales and Lost Hits Reporting

It's JDPrism's preference, when the DMS is capable of doing so, to have monthly lost sales/hits reported separately and to exclude them from the regular monthly sales/hits. If the DMS is incapable of reporting monthly lost sales/hits separately but instead includes them as regular monthly sales/hits, report them that way.

Sales and Hits Reporting – Superseded (Substituted) Parts

Historical sales and hits are key inputs to replenishment order calculations. It is critical that sales history transfers correctly from the old (superseded) part to the new (superseding) part(s). If the dealer system manages the transfer of sales history as Deere requires, Deere will use the sales history for the new part as sent from the dealer system. If the dealer system does not correctly manage the transfer of sales history, Deere's process will be used to transfer the sales history. Deere's system will have a switch that will indicate whether or not Deere's process should be used for a given dealer system. When a new dealer system prepares to use these interfaces, someone from Deere will analyze how that dealer system manages sales history transfers and set the switch accordingly.

File Naming Convention

These files must follow the naming convention of: **DLR2JD_DPMEXT_ToE_xxxxxx_YYYYMMDD_HHMMSS.DPM**

DLR2JD	Static value indicating dealer-to-Deere file
_	Static value (underscore)
DPMEXT	Static value to identify the file contents
_	Static value (underscore)
ToE	Type of Extract code. Use the same value as the Type of Extract field in the header record in the file.
_	Static value (underscore)
xxxxxx	The DTF/poll group main account
_	Static value (underscore)
YYYYMMDD	The date (YYYY=Year, MM= Numeric month of year, DD=Numeric day of month) that the file was created
_	Static value (underscore)
HHMMSS	The time (HH=hour, MM=Minute, SS=Second) that the file was created
.	Static value (period)
DPM	File suffix that tells DTF where to route the file

Dealer Parts Data: File Header Record

This record identifies the sourcing dealer and the data that applies across all accounts in the DTF group. This should always be the first record in the file.

Ver 1.0/1.1/1.2	Ver 1.3	Name	Criticality	Format	Description
1	1	Record Code	Required	Char(8)	"~xxxxxx~" where the xxxxxx is replaced by the dealer's main/lead DTF account
2	2	Date of extract	Required	Date(10)	The local dealer date when the extract was run
3	3	Time of extract	Required	Time(8)	The local dealer time when the extract was run
4	4	Type of extract	Required	Char(2)	D = Delta Any value other than D will be assumed to be an initialization file. If the DBS supports the Schedule interface, the 'next run type' field from that interface should be returned in this field the <u>first</u> time the extract is run after receiving a new Schedule record. Then, the DBS should revert to the "D" (Delta) extract again. If the Schedule interface is not supported, send an "I" in this field when it is an initialization extract. If your DBS has been allowed to only send Initialization files this field must always be "I".
5	5	Interface Version	Required	Char(10)	Valid values: "1.0", "1.1", "1.2", "1.3"
6	6	DBS Name	Required	Char(50)	A value identifying the DBS. Examples would be "JDIS Legacy", EQUIP", PFW, "Charter", etc. All business systems of a common type should send the same value in this field. This will allow JDPrism to take unique action based on DBS.
7	7	DBS version	Optional	Char(10)	A value identifying the version of DBS software the dealer has installed. This will allow JDPrism to take unique action based on the DBS software version.
8	8	Order Coordination data	Conditional	Int	If the Orders interface is supported, then return the Order Coordination data field from the <u>most recent</u> Order file header record that the DBS processed in this field, no matter the type of extract. No value would be expected in this field the very first time this file is sent from the dealer system, even if the Orders interface is supported.

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Ver 1.0/1.1/1.2	Ver 1.3	Name	Criticality	Format	Description
9	9	Transfer Coordination data	Conditional	Int	If the Transfers interface is supported, then return the Transfer Coordination data of the <u>most recent</u> Transfer file header record that the DBS processed in this field. no matter the type of extract. No value would be expected in this field the very first time this file is sent from the dealer system, even if the Transfers interface is supported.
	10	Order and transfer files processed	Conditional	Int (each one)	Include all coordination numbers from files processed since the last extract. It is possible to have two or a large number of entries during normal operation. Note fields 8 and 9 are still always needed. The entry for fields 8 and 9 are also needed in this set of fields. This data assists JDPrism in detecting if a file was 'lost' somehow.

Dealer Parts Data: Account / Warehouse Header Record

An account/warehouse header should be sent for every account / warehouse that the dealer has opted to send in every scheduled extract file, even if there are no parts that changed for that account / warehouse. For example, if a scheduled extract was run and no parts detail had changed since the last extract, the extract file would contain the file header and an account / warehouse header for each account / warehouse that the dealer opted to send to JDPrism and nothing more.

Seq	Name	Criticality	Format	Description
1	Record Code	Required	Char(3)	"~H~"
2	Dealer Account	Required	Char(6)	John Deere dealer account number under which the inventory being uploaded is managed.
3	DBS Warehouse/Franchise	Required	Char(10)	Identifier of the logical parts grouping the part belongs to on the dealer's system.
4	Fiscal Month	Required	Int(2)	This field indicates the month of the dealer's fiscal year represented in the current MTD Sales and Hits fields. It is <u>not</u> the relative month of the dealer fiscal year but the actual fiscal month that the dealer is in at the time the extract was run. For example, if a dealer closes their January parts business on January 28th, the file they send to Deere on January 29th would have 02 in this field because the dealer is now reporting MTD Sales and Hits for his fiscal February. Valid values: **01**=January **02**=February **03**=March **04**=April **05**=May **06**=June **07**=July **08**=August **09**=September **10**=October **11**=November **12**=December
5	Next parts month-end date	Conditional	Date(10)	For JDPrism, the next parts month-end date is defined as the final day of parts sales history that will be included in the dealer system's current month-to-date sales bucket before the sales history buckets are 'rolled' to start a new month at 0 sales. This date should be included only if the dealer system is certain of the date.
6	Warehouse / franchise type	Required	Int(1)	This code is meant to indicate the manufacturer of the parts in the warehouse / franchise. Initially, only Deere parts will be accepted. **1** = Deere Parts **2** = Non-Deere Parts
7	Where data is to be loaded	Required	Int(1)	This code will indicate which Deere processes the warehouse / franchise data is meant to support. **1** = Parts Locator (JDParts, Dealer Locator, D2D) **ONLY** **2** = JDPoint Order Replenishment (JDPrism) **ONLY** **3** = Parts Locator **AND** JDPoint Order Replenishment

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Dealer Parts Data: Part Detail Record
For an initialization extract, one of these records should be sent for each part including the initialization fields after the red row below!
For a non-initialization extract, one of these records should be created for each part where certain field's values changed since the previous extract (see Special Considerations).

Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
1	1	1	Record Code	Required	Char(3)	"~P~"
2	2	2	Part Number	Required	Char(18)	Packed (no imbedded spaces) for Deere parts.
3	3	3	Available Quantity	Required	Dec(6,2)	Number of pieces currently available for sale, in dealer retail units - Exclude from this number pieces that are reserved for work orders and not yet counted as a sale - Exclude from this number pieces that are reserved for parts tickets and not yet counted as a sale - Exclude from this number pending outbound internal transfers
4	4	4	On Order Quantity	Required	Dec(6,2)	The number of <u>pieces</u>, in dealer retail units, which are <u>inbound</u> to this dealer location, through either an open order with the manufacturer or through a pending transfer from another of the dealership locations, which are <u>intended for stock replenishment</u>. Orders - Count all on order pieces, regardless of order type (emergency, stock, etc.) <u>except</u> those pieces that are on order for a specific customer. Transfers - Count all pending internal transfer pieces <u>except</u> those that are already allocated to a specific customer such as on a part counter ticket or on a work order.

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
5	5	5	Reserve Quantity – Work Orders	Conditional	Dec(6,2)	Send the actual value in dealer retail units if the DBS tracks the pieces reserved for work orders and it is not yet counted as a sale, else send only the tab to retain the proper field positioning in the record.
6	6	6	Reserve Quantity – Part Tickets	Conditional	Dec(6,2)	Send the actual value in dealer retail units if the DBS tracks the pieces reserved for parts tickets and it is not yet counted as a sale, else send only the tab to retain the proper field positioning in the record.
7	7	7	Current MTD Sales	Required	Dec(6,2)	The pieces sold to-date for this part in the current month, in dealer retail units.
8	8	8	Current MTD Hits	Required	Int(6)	The hits to-date for this part in the current month
9	9	9	Current MTD Lost Sales	Conditional	Dec(6,2)	Send the actual value in dealer retail units if the DBS tracks MTD Lost Sales, else send only the tab to retain the proper field positioning in the record.
10	10	10	Current MTD Lost Hits	Conditional	Int(6)	Send the actual value if the DBS tracks MTD Lost Hits, else send only the tab to retain the proper field positioning in the record.
11	11	11	Dealer PPP (Parts per Package)	Required	Dec(6,2)	See Terminology section for more definition of this field! This field should always contain a whole number. A value of 1 indicates that the part is sold in manufacturer units and a value greater than 1 indicates the number of whole retail units the dealer creates from a manufacturer unit.
12	12	12	Bin location	Conditional	Char(12)	Main bin location where the part is kept at this dealer location. If the dealer system has assigned no bin location for the part, send only the delimiters.
13	13	13	Alternate (secondary) bin location	Conditional	Char(12)	Alternate (secondary) bin location where the part is kept at this dealer location. If the dealer system has assigned no alternate bin location for the part, send only the delimiters.
14	14	14	Vendor part cost	Conditional	Dec(13,4)	*For non-Deere parts only.* This field can be used to apply the correct cost-based reorder parameters, for non-Deere parts, based on cost ranges defined for the dealer in JDPrism.

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
15	15	15	Vendor package quantity	Conditional	Int(5)	*For non-Deere parts only.* The increment in which the vendor requires the part is ordered. I.e. If this value is 6, then the order quantity can only be in increments of 6 (6, 12, 18, etc.).
16	16	16	Vendor Code	Conditional	Char(20)	*For non-Deere parts only.* A code that identifies the supplier of the part within the dealer system. Ordering rules can be set in JDPrism based on this code.
17	17	17	Vendor substitution information	Conditional	Char(100)	*For non-Deere parts only.* If this part has been replaced by one or more other parts (subbed), this field is used to indicate the replacing quantities and parts. The format is one or more pairs of quantity and sub-to part number separated by commas (,) as illustrated below. Note how fractions are used to indicate replacement by an assembly. Replacement (sub) Description How Reported Replaced by 1 part abc 1,abc Replaced by 3 part abc 3,abc Replaced by 1 part abc and 3 part def 1,abc,3,def Replaced by 1 assembly xyz with 3 of this parts in it 1/3,xyz
18	18	18	Pricing base (JDParts)	Conditional	Char(1)	*For Deere parts only* This code identifies a base price value that is used to calculate the default selling price of a part. L = List C = Cost to dealer

Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
19	19	19	Pricing additive (JDParts)	Conditional	Dec(3,3)	*For Deere Parts only* Required if Pricing base is included. 0 is valid. A percentage applied to the Pricing base value to determine the default selling price for a part. 0 = +0 5 = +5% 5.2 = 5.2% -5 = -5% 10.33 = +10.33% -10.5 = -10.5%
20	20	20	Dealer Price (JDParts)	Optional	Dec(13,4)	This field lets the dealer provide their default selling price for a part. It is intended for use only when the DBS does not support pricing by Pricing base / Pricing additive
21	21	21	Order Formula Code (OFC)	Optional	Char(3)	The Deere OFC assigned to the part in the dealer's system. For dealers who are sending the inbound data to support parts locator functionality <u>only</u>, the Deere OFC should be included, if it is maintained in the DBS, to support Deere's D2D (dealer-to-dealer) order fulfillment process. For dealers that have subscribed to the DPM service, the OFC will be maintained and sent to D2D for the dealer by DPM.
22	22	22	Delete Indicator	Conditional	Char(1)	"D" = Deleted Sending a "D" in this relative record position indicates that the dealer has deleted the part from their part file. **When this field is "D" the only other required fields on this record are the record code and the part number!**
n/a	23	23	Reserved Hits – Work Orders	Conditional	Int(6)	Send the number of hits that make up "Reserve Quantity – Work Orders" (field 5) <u>if</u> the DBS has not already counted those work order lines as sales hits, else send only the tab to retain the proper field positioning in the record. If there is no value in "Reserve Quantity – Work Orders" there should be no value in this field.

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
n/a	24	24	Reserved Hits – Part Tickets	Conditional	Int(6)	Send the number of hits that make up "Reserve Quantity – Part Tickets" (field 6) <u>if</u> the DBS has not already counted those part ticket lines as sales hits, else send only the tab to retain the proper field positioning in the record. If there is no value in "Reserve Quantity – Part Tickets" there should be no value in this field.
n/a	n/a	25	Average Cost	Conditional	Dec(13,4)	Include the average cost, as calculated by the DBS, for one piece of the part only if the DBS tracks average cost for this dealer, else provide no average cost value. See additional Average Cost detail in Special Considerations.
23	25	26	Start of initialization record fields	Required	Char(3)	"%%%" This field is the first field of the initialization record fields. It is intended to enable future expansion of daily fields
24	26	27	Part Description	Conditional	Char(100)	Required for a non-Deere parts. For Deere parts populate this field <u>only</u> if the DBS has a description that is different than the description provided by Deere, else leave empty.
25	27	28	Dealer part note	Optional	Char(250)	If DBS has a part note that they want displayed in the Deere JDPrism application, include it here.
26	28	29	Order Indicator	Optional	Char(4)	Codes used to control stocking status in the dealer system. The dealer system should send their codes. The dealer system vendor, or the dealer if the system allows dealer-defined values, will have to work with a JDPrism technical contact to map their values into JDPrism.

Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
27	29	30	Date Added	Required	Date(10)	Use the first option that is available from the dealer's system. **Option 1**: Send the date that the part was first receipted into this dealer warehouse. **Option 2**: If Option 1 is unavailable, send the date that the part was first ordered from the manufacturer for this warehouse. **Option 3**: If Option 1 and Option 2 are unavailable, send the date that the part was first added to this warehouse. **Option 4**: If Option 1 and Option 2 and Option 3 are all unavailable, send **1900-01-01**.
28	30	31	Dealer Group Code	Optional	Char(20)	A part grouping code for managing orders. Ordering rules can be set in JDPrism based on this code.
29	31	32	Minimum Order Quantity	Optional	Dec(6,2)	Minimum threshold from the dealer's Min/Max ordering system used to override a calculated order quantity in dealer retail units.
30	32	33	Maximum Order Quantity	Optional	Dec(6,2)	Numeric maximum threshold from the dealer's Min/Max ordering system used to override a calculated order quantity in dealer retail units.

Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
31	33	34	Number of monthly history buckets included in this <u>record</u>	Required	Int(2)	0 (no monthly history) – 36 (36 months of history) It is important to know the actual number of monthly sales <u>history</u> buckets that is included so that the sales history can be accurately incorporated into the rules for determining replenishment order quantities. This field indicates how many sets of historical monthly Sales, Hits, Lost Sales and Lost Hits fields are provided for this part in this record in fields 33-176. In other words, how many months, prior to the current month, has this part been a valid part in the dealer's system. For example, if the DBS is capable of storing 36 months of sales history but, due to the part being recently added, there are only 7 months of history available, then this field should be 7 for the part and only 7 months of sales history data would be expected on the record. The <u>current</u> month-to-date sales should not be counted in this figure. ***If the DBS stores no monthly sales history, this field should be 0 and no monthly sales history data will be expected on the record.***
32	34	35	Pieces in Set	Optional	Integer	Indicates how many pieces are typically sold to a customer each time a sale is made for the part.
33	35	36	`Sales 1 month ago`	Conditional	Dec(6,2)	Send the actual value in dealer retail units <u>if</u> the DBS retains monthly Sales history <u>and if</u> the part was on file during this historical month (as indicated by field 31), else send only the tab to retain the proper field positioning in the record.

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
34	36	37	Hits 1 month ago	Conditional	Int(6)	Send the actual value in dealer retail units if the DBS retains monthly Hits history and if the part was on file during this historical month (as indicated by field 31), else send only the tab to retain the proper field positioning in the record.
35	37	38	Lost Sales 1 month ago	Conditional	Dec(6,2)	Send the actual value in dealer retail units if the DBS retains monthly Lost Sales history and if the part was on file during this historical month (as indicated by field 31), else send only the tab to retain the proper field positioning in the record.
36	38	39	Lost Hits 1 month ago	Conditional	Int(6)	Send the actual value in dealer retail units if the DBS retains monthly Lost Hits history and if the part was on file during this historical month (as indicated by field 31), else send only the tab to retain the proper field positioning in the record. If this is the final set of monthly sales history data for the part, terminate the record after this field with hex 0D0A and omit the remaining fields on the record.
37	39	40	Sales 2 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
38	40	41	Hits 2 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
39	41	42	Lost Sales 2 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
40	42	43	Lost Hits 2 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
41	43	44	Sales 3 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
42	44	45	Hits 3 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
43	45	46	Lost Sales 3 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
44	46	47	Lost Hits 3 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
45	47	48	Sales 4 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
46	48	49	Hits 4 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
47	49	50	Lost Sales 4 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
48	50	51	Lost Hits 4 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
49	51	52	Sales 5 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
50	52	53	Hits 5 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
51	53	54	Lost Sales 5 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
52	54	55	Lost Hits 5 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
53	55	56	Sales 6 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
54	56	57	Hits 6 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
55	57	58	Lost Sales 6 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
56	58	59	Lost Hits 6 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
57	59	60	Sales 7 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
58	60	61	Hits 7 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
59	61	62	Lost Sales 7 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
60	62	63	Lost Hits 7 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
61	63	64	Sales 8 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
62	64	65	Hits 8 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"

Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
63	65	66	Lost Sales 8 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
64	66	67	Lost Hits 8 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
65	67	68	Sales 9 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
66	68	69	Hits 9 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
67	69	70	Lost Sales 9 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
68	70	71	Lost Hits 9 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
69	71	72	Sales 10 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
70	72	73	Hits 10 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
71	73	74	Lost Sales 10 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
72	74	75	Lost Hits 10 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
73	75	76	Sales 11 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
74	76	77	Hits 11 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
75	77	78	Lost Sales 11 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
76	78	79	Lost Hits 11 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
77	79	80	Sales 12 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
78	80	81	Hits 12 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
79	81	82	Lost Sales 12 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
80	82	83	Lost Hits 12 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
81	83	84	Sales 13 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
82	84	85	Hits 13 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
83	85	86	Lost Sales 13 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
84	86	87	Lost Hits 13 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
85	87	88	Sales 14 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
86	88	89	Hits 14 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
87	89	90	Lost Sales 14 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
88	90	91	Lost Hits 14 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
89	91	92	Sales 15 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
90	92	93	Hits 15 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
91	93	94	Lost Sales 15 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
92	94	95	Lost Hits 15 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
93	95	96	Sales 16 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
94	96	97	Hits 16 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
95	97	98	Lost Sales 16 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
96	98	99	Lost Hits 16 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
97	99	100	Sales 17 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
98	100	101	Hits 17 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
99	101	102	Lost Sales 17 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
100	102	103	Lost Hits 17 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
101	103	104	Sales 18 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
102	104	105	Hits 18 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
103	105	106	Lost Sales 18 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
104	106	107	Lost Hits 18 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
105	107	108	Sales 19 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
106	108	109	Hits 19 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
107	109	110	Lost Sales 19 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
108	110	111	Lost Hits 19 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
109	111	112	Sales 20 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
110	112	113	Hits 20 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
111	113	114	Lost Sales 20 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
112	114	115	Lost Hits 20 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
113	115	116	Sales 21 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
114	116	117	Hits 21 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
115	117	118	Lost Sales 21 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
116	118	119	Lost Hits 21 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
117	119	120	Sales 22 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
118	120	121	Hits 22 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
119	121	122	Lost Sales 22 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
120	122	123	Lost Hits 22 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
121	123	124	Sales 23 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
122	124	125	Hits 23 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
123	125	126	Lost Sales 23 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
124	126	127	Lost Hits 23 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
125	127	128	Sales 24 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
126	128	129	Hits 24 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
127	129	130	Lost Sales 24 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
128	130	131	Lost Hits 24 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
129	131	132	Sales 25 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
130	132	133	Hits 25 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
131	133	134	Lost Sales 25 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
132	134	135	Lost Hits 25 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
133	135	136	Sales 26 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
134	136	137	Hits 26 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
135	137	138	Lost Sales 26 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
136	138	139	Lost Hits 26 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
137	139	140	Sales 27 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
138	140	141	Hits 27 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
139	141	142	Lost Sales 27 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
140	142	143	Lost Hits 27 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
141	143	144	Sales 28 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
142	144	145	Hits 28 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
143	145	146	Lost Sales 28 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
144	146	147	Lost Hits 28 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
145	147	148	Sales 29 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
146	148	149	Hits 29 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
147	149	150	Lost Sales 29 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
148	150	151	Lost Hits 29 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
149	151	152	Sales 30 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
150	152	153	Hits 30 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
151	153	154	Lost Sales 30 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
152	154	155	Lost Hits 30 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
153	155	156	Sales 31 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
154	156	157	Hits 31 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
155	157	158	Lost Sales 31 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
156	158	159	Lost Hits 31 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
157	159	160	Sales 32 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
158	160	161	Hits 32 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
159	161	162	Lost Sales 32 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
160	162	163	Lost Hits 32 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
161	163	164	Sales 33 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
162	164	165	Hits 33 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
163	165	166	Lost Sales 33 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
164	166	167	Lost Hits 33 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
165	167	168	Sales 34 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
166	168	169	Hits 34 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
167	169	170	Lost Sales 34 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
168	170	171	Lost Hits 34 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
169	171	172	Sales 35 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
170	172	173	Hits 35 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"

Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
171	173	174	Lost Sales 35 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
172	174	175	Lost Hits 35 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
173	175	176	Sales 36 months ago	Conditional	Dec(6,2)	See description of field "Sales 1 month ago"
174	176	177	Hits 36 months ago	Conditional	Int(6)	See description of field "Hits 1 month ago"
175	177	178	Lost Sales 36 months ago	Conditional	Dec(6,2)	See description of field "Lost Sales 1 month ago"
176	178	179	Lost Hits 36 months ago	Conditional	Int(6)	See description of field "Lost Hits 1 month ago"
177	179	180	Total Sales 1-12 months ago	Conditional	Dec(6,2)	Send this 12-month total, in dealer retail units, only if the dealer system is sending ***no monthly data whatsoever*** (no monthly sales and no monthly hits and no monthly lost sales and no monthly lost hits) and if the part was in the dealer's system for the entire 12-month period identified in the field name and if the dealer system has the total for the 12-month period identified in the field name. For example, if sending monthly sales and monthly hits, then send none of the 12-month total sales/hits/lost sales/lost hits fields, even if it is available.
178	180	181	Total Hits 1-12 months ago	Conditional	Int(6)	See description of field 177/179.
179	181	182	Total Lost Sales 1-12 months ago	Conditional	Dec(6,2)	See description of field 177/179.
180	182	183	Total Lost Hits 1-12 months ago	Conditional	Int(6)	See description of field 177/179.
181	183	184	Total Sales 13-24 months ago	Conditional	Dec(6,2)	See description of field 177/179.
182	184	185	Total Hits 13-24 months ago	Conditional	Int(6)	See description of field 177/179.
183	185	186	Total Lost Sales 13-24 months ago	Conditional	Dec(6,2)	See description of field 177/179.

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Ver 1.0	Ver 1.1	Ver 1.2	Name	Criticality	Format	Description
184	186	187	Total Lost Hits 13-24 months ago	Conditional	Int(6)	See description of field 177/179.
185	187	188	Total Sales 25-36 months ago	Conditional	Dec(6,2)	See description of field 177/179.
186	188	189	Total Hits 25-36 months ago	Conditional	Int(6)	See description of field 177/179.
187	189	190	Total Lost Sales 25-36 months ago	Conditional	Dec(6,2)	See description of field 177/179.
188	190	191	Total Lost Hits 25-36 months ago	Conditional	Int(6)	See description of field 177/179.
189	191	192	Total Sales 37-48 months ago	Conditional	Dec(6,2)	See description of field 177/179.
190	192	193	Total Hits 37-48 months ago	Conditional	Int(6)	See description of field 177/179.
191	193	194	Total Lost Sales 37-48 months ago	Conditional	Dec(6,2)	See description of field 177/179.
192	194	195	Total Lost Hits 37-48 months ago	Conditional	Int(6)	See description of field 177/179.

Schedule (DPMSCHED)

Business Rules

This file is sent from JDPrism to the DBS. It serves two purposes.
1. It will tell the DBS when to schedule the extract / upload processes.
2. It will indicate to the DBS when the next extract should include initialization records.

When this record is received, the current extract / upload schedule in the DBS should be replaced with the schedule in the new record. Extracts should only be run based on the schedule established for the dealership by JDPrism.

The schedule applies to the entire DBS. I.e. when an extract file is created, it should contain all the data for the accounts on the DBS. One to eight extracts may be requested in a single day. The schedule record is designed to request up to 8 day / time pairs and the DBS should accommodate the scheduling of multiple day / time pairs. i.e. JDPrism may require multiple extracts scheduled per day.

This interface is structured to allow a schedule to be sent that varies by day of the week. However, JDPrism will currently only send schedule files that apply to every day of the week. In other words field two will always contain "All".

File Naming Convention

These files must follow the naming convention of: **JD2DLR_DPMSCHED_YYYYMMDD_HHMMSS.DAT**

JD2DLR	Static prefix indicating a Deere-to-dealer file
_	Static value (underscore)
DPMSCHED	Static value to identify the file contents
_	Static value (underscore)
YYYYMMDD	The date (YYYY=Year, MM= Numeric month of year, DD=Numeric day of month) that the file was created
_	Static value (underscore)
HHMMSS	The time (HH=hour, MM=Minute, SS=Second) that the file was created
.	Static value (period)
DAT	Static Suffix

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Schedule: Detail Record

Seq	Field Name	Criticality	Format	Field Description

1	Type of extract to send	Required	Char(2)	"D" or null = Delta extract
				
				If "D" or null is sent in this field, the DBS should send delta extracts per the new schedule and send "D" to Deere in the extract file's header record 'type of extract' field.
				
				If <u>any</u> value other than "D" or null is sent to the DBS in this field, the DBS should do the following.
				  1) Send an <u>initialization</u> extract <u>the very next time</u> an extract is run per the new schedule
				    a. Return the code that was sent in this field to Deere in the extract file's header record 'type of extract' field.
				    b. This code may be used by Deere to identify the reasons initialization extracts are being requested. The DBS doesn't have to know what the codes mean.
				  2) Then, for subsequent extracts, revert to sending Delta extracts per the new schedule until a new schedule record is received
				    a. Return "D" to Deere in the extract file's header record 'type of extract' field.

2	Day(s) of dealer's week(1)	Required	Char(3)	"All" = Every day of the week. <mark>This is currently the only value that will be sent by JDPrism.</mark> "Su" = Sunday only "M" = Monday only "T" = Tuesday only "W" = Wednesday only "Th" = Thursday only "F" = Friday only "S" = Saturday only

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Seq	Field Name	Criticality	Format	Field Description
3	Time of Day (1)	Required	Char(4)	This field will indicate the time of day, in local dealer time, when the DBS should run the extract and upload the extracted data to Deere. The format used is HHMM. **HH** = two-digit hour of day (00 through 23) **MM** = two-digit minute of hour (00 through 59)
4	Day(s) of week(2)	Optional	Char(3)	See previous "Day" definition
5	Time of Day (2)	Optional	Time(4)	See previous "Time" definition
6	Day(s) of week(3)	Optional	Char(3)	See previous "Day" definition
7	Time of Day (3)	Optional	Time(4)	See previous "Time" definition
8	Day(s) of week(4)	Optional	Char(3)	See previous "Day" definition
9	Time of Day (4)	Optional	Time(4)	See previous "Time" definition
10	Day(s) of week(5)	Optional	Char(3)	See previous "Day" definition
11	Time of Day (5)	Optional	Time(4)	See previous "Time" definition
12	Day(s) of week(6)	Optional	Char(3)	See previous "Day" definition
13	Time of Day (6)	Optional	Time(4)	See previous "Time" definition
14	Day(s) of week(7)	Optional	Char(3)	See previous "Day" definition
15	Time of Day (7)	Optional	Time(4)	See previous "Time" definition
16	Day(s) of week(8)	Optional	Char(3)	See previous "Day" definition
17	Time of Day (8)	Optional	Time(4)	See previous "Time" definition

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Orders (DPMORD)

Business Rules

For Deere parts, this file will pass part order lines to the DBS that were added, changed or deleted outside the DBS. All order line updates for Deere parts must be applied in the DBS immediately to prepare for subsequent business processes like receipting. The records in this file represent a collection of order lines that may be part of one or more orders in the Deere parts system.

Some general rules about the Order file ...
- One file may contain lines from multiple orders
- One file may contain multiple order types
- One file may contain multiple orders of the same order type
- All lines from the same order will have the same unique value in Order Number
- All lines from the same order will be contiguous
- The lines in the file will be sorted by Order Number in ascending order
- All lines with the same Order Number will be the same order type and, in the case of special terns orders, the same program and requested ship date
- All lines for any given Order Number will be in the same file. i.e. The same Order Number will not be in multiple files
- The file may contain parts that are not already in the DBS – see the Special Consideration statement about **Adding Parts**

Deere may send 0 or more of these files to the dealer business system daily. The 'coordination' value from the most recently downloaded order file should be retained in the business system and returned to Deere on the next upload of dealer data to DPM.

File Naming Convention

These files must follow the naming convention of: **JD2DLR_DPMORD_YYYYMMDD_HHMMSS.DAT**

JD2DLR	Static prefix indicating a Deere-to-dealer file
_	Static value (underscore)
DPMORD	Static value to identify the file contents
_	Static value (underscore)
YYYYMMDD	The date (YYYY=Year, MM= Numeric month of year, DD=Numeric day of month) that the file was created
_	Static value (underscore)
HHMMSS	The time (HH=hour, MM=Minute, SS=Second) that the file was created
.	Static value (period)
DAT	Static Suffix

Orders: File Header Record

Seq	Field Name	Criticality	Format	Field Description
1	File Header ID	Required	Char(6)	"ORDER"
2	Order Coordination	Required	Int	Unique file identifier exchanged for data verification. The DBS should always retain the most recently downloaded Order Coordination value and return it in the header records of the next extract/upload. Deere will then assume that all earlier order files were received, and that the DBS processed them in order.

Orders: Detail Record

Seq	Field Name	Criticality	Format	Field Description
1	Dealer Account	Required	Char(6)	The Deere dealer account number that owns the order.
2	DBS Warehouse/Franchise	Required	Char(10)	Identifier of the logical parts grouping the part belongs to on the dealer's system.
3	Order Activity	Required	Char(1)	"O" = Ordered (for Deere parts only) "S" = Suggested
4	Order Date	Required	Date(10)	Moline date when order was created.
5	Order Time	Required	Time(8)	Moline time when order was created.
6	Order Type	Required	Char(3)	"MD" = Machine Down (next day delivery) "MDP" = Machine Down Plus (ordered after cutoff / next day delivery) "SO" = Stock Order "ST" = Special Terms (Deere-sourced) "TS" = Special terms (Vendor-sourced) "IS" = Initial Stock Order
7	Order Source	Required	Int(1)	1 = JDPrism Stock Replenishment 2 = Other

Seq	Field Name	Criticality	Format	Field Description
8	Original Order Line ID	Required	Char(17)	An ID associated with the original order line. We recommend that the DBS store this value for each new order line to support the following processing in the DBS. For Deere parts, this value will be passed to the DBS in the Part Receipt record 2 "Original Order Line ID" field for each packing list line Deere sends to fulfill the order line, enabling the DBS to directly receipt the packing list line(s) against the correct order line in the DBS. Order line changes and deletions are not yet included in this interface. When they are, this value will enable the DBS to directly change or delete the correct order line in the DBS. If this ID starts with R, the order line originated from JDPrism, else it originated outside JDPrism.
9	Part Number	Required	Char(18)	
10	Order Quantity	Required	Int	This quantity will be in manufacturer units. i.e. It will not have the dealer parts-per-package factor applied.
11	Order Reference ID	Required	Char(10)	An ID associated with all the lines of an order. It may contain significant leading zeroes. The DBS may optionally store this value to support the following processing in the DBS. However, it is preferable to use the order line unique ID instead as it supports more precise receipting in the DBS as well as order line changes and deletions. For Deere parts, this value will be passed to the DBS in the Part Receipt record 1 "(Dealer) Reference" field, enabling the DBS to associate the packing list line to an order but not to the specific order line.
12	Special Term Program Number	Conditional	Char(2)	Required for Deere parts, order types "TS" or "ST" only. This is the 'special terms' program number under which the order was placed.
13	Requested Ship Date	Conditional	Date(10)	Required for Deere parts, order types "TS" or "ST" only. Date when shipment of the 'special term' order has been requested (Moline date).

Seq	Field Name	Criticality	Format	Field Description
14	Line Activity	Conditional	Char(1)	For Deere part orders / not for suggested orders of non-Deere parts "A" = Added (new)order line "C" = Changed order line "D" = Deleted order line

Transfers (DPMXFER)

Business Rules

This file will be used pass part transfers that the dealer has approved in JDPrism to the DBS. A transfer refers to when one store in a dealer group has an overstock of a part and another store in the same dealer group needs to replenish its inventory of the same part. A transfer from one store to the other store can align the stock at both stores. The dealer will be able to manage which of their stores are eligible for transfers in JDPrism. The dealer must approve a transfer in JDPrism before it is sent to the DBS. So, Deere recommends that the DBS accepts and processes the transfer file immediately upon arrival but allow for exception handling in cases where inventory availability has changed such as when a part to be transferred was sold in the meantime, a part to be transferred is not in the bin where it was supposed to be, etc.

JDPrism proposes transfers based on a DBS data snapshot. The dealer then approves proposed transfers in JDPrism and they are sent to the DBS. Because this is not a real-time process, the quantity available in the DBS can change before the JDPrism approved transfer record is processed. Therefore, the DBS needs to compare the approved transfer quantity from JDPrism to the quantity available in the DBS and ensure that the available inventory is not driven negative as the result of processing a JDPrism transfer record. For example, if the JDPrism transfer record says to transfer 5 but there is only 4 available at the time the transfer record is processed, 4 or less (i.e. no more than 4) should be transferred.

JDPrism may send 0 or more transfer files daily. The 'coordination' value from the most recently downloaded order file should be retained in the business system and returned to Deere on the next upload of dealer data to DPM.

File Naming Convention

These files must follow the naming convention of: **JD2DLR_DPMXFER_YYYYMMDD_HHMMSS.DAT**

JD2DLR	Static prefix indicating a Deere-to-dealer file
_	Static value (underscore)
DPMXFER	Static value to identify the file contents
_	Static value (underscore)
YYYYMMDD	The date (YYYY=Year, MM= Numeric month of year, DD=Numeric day of month) that the file was created
_	Static value (underscore)
HHMMSS	The time (HH=hour, MM=Minute, SS=Second) that the file was created
.	Static value (period)
DAT	Static Suffix

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Transfers: File Header Record

Seq	Field Name	Criticality	Format	Field Description
1	File Header ID	Required	Char(6)	"TRNSFR"
2	Transfer Coordination	Required	Int	Unique file identifier exchanged for data verification. The DBS should always retain the most recently downloaded Transfer Coordination value and return it in the header records of the next extract/upload. Deere will then assume that all earlier order files were received, and that the DBS processed them in order.

Transfers: Detail Record

Seq	Field Name	Criticality	Format	Field Description
1	Part Number	Required	Char(18)	
2	Transfer Quantity	Required	Decimal(6,2)	The quantity to be transferred
3	Transfer Date	Required	Date(10)	Moline date when suggested transfer was created. Informational only.
4	Transfer Time	Required	Time(8)	Moline time when suggested transfer was created. Informational only.
5	From Dealer Account	Required	Char(6)	The over stocked dealer account
6	From Warehouse	Required	Char(10)	The over stocked warehouse
7	To Dealer Account	Required	Char(6)	The under stocked dealer account
8	To Warehouse	Required	Char(10)	The under socked warehouse

Document Change Log

Date	Description
25 Jan 10	Initial rough draft of document.
05 Feb 10	General clean-up after a few reviews.
16 Feb 10	Insert field for sub information (for non-Deere parts) in inbound interface and a description of how Deere will process the sales and demands for subbed parts in the inbound interface overview. Realigned sequence numbers in inbound interface and corrected sequence numbers in outbound interfaces. Made file naming convention unique qualifiers consistent. Other minor corrections.
02 Mar 10	Inserted new Fiscal Month field at position 7 in the inbound 'daily' fields for the dealer to indicate the month that the MTD values represent. Corrected a typo in the field sequencing. Changed blurb about negative numbers to indicate that the sign (-) should be leading instead of trailing. This was based on DBS feedback that a leading sign was more common.
18 Mar 10	Move Fiscal Month field from daily record to header record since it is a data element applying to the file. Renumbered field sequences...
30 Mar 10	Add more detailed explanation of how Deere will accumulate sales and demands for superseded parts plus add a couple examples, added a version tag to the inbound header, and removed old highlighting. Changed the statements "The DBS must permit the dealer to select which parts to extract and upload based on the dealer's warehouses. The dealer may only want to use DPM for selected groups of parts." To "The DBS must permit the dealer to select which parts to extract and upload based on the dealer's warehouses. Every warehouse that is to be included in parts locator must be included. Until non-Deere parts are supported by DPM and/or locator, the dealer should not send that data to Deere."
09 Apr 10	Change PPP field to reference Terminology section instead of Special Considerations section.
20 Apr 10	Removed highlighting from previous updates. Added clarification that orders uploaded from the DBS would not be returned to the DBS as 'new' orders.
30 Jun 10	Add 8th scheduling occurrence in the Schedule record to accommodate one "All" schedule and up to 7 (one for each day of the week) additional independent daily extracts.

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	Dealer Data Exchange
JOHN DEERE	**JDPrism**

Date	Description
20 Aug 10	1) Added alternate bin to inbound record 2) Added manufacturer indicator (Deere / non-Deere) to inbound record 3) Added Locator/PRISM/Both indicator to inbound record 4) Clarified definition of quantities on inbound record 5) Added OFC to inbound record 6) Added header record on outbound Order interface and put Order Coordination field there 7) Added Order Source to detail outbound Order record 8) Removed Order Coordination field from the outbound order detail record 9) Added header record on outbound Transfer interface and put Transfer Coordination field there 10) Removed Transfer Coordination field from detail transfer record 11) Remove special considerations section requesting JDIS to make a special estimate for providing attachment data from the DBS complete goods system.
08 Sep 10	Add most current inbound quantity field definitions and add second reserve quantity. Renumber inbound fields.
13 Sep 10	Add "Exclude pending outbound internal transfers" to definition of 'available quantity' per e-mail from Rajesh
14 Sep 10	1) Add instructions for DBS to send *Delta* instead of complete sets of records except on an initialization request. 2) Add definition of MTD acronym 3) Add next fiscal month end-date field to inbound header 4) Add a few additional clarifications
14 Sep 10	1) Add file header on inbound interface 2) Pare down data on inbound account/warehouse header 3) Remove account/warehouse from inbound detail records 4) Add record type to all inbound records
15 Sep 10	Update the basic description of the order and transfer files. Added notes about coordination data and that Deere could send multiple files daily.
17 Sep 10	1) Added a field at the end of the 'daily' portion on the Inbound Part Detail Record so that the DBS could indicate when they delete a part. This is necessary because the Delta is now being calculated on the DBS. 2) Added field size info in new "Format" column. 3) Repeated table headers when tables span multiple pages. 4) Removed older highlights. 5) Other minor clean-up.
27 Sep 10	Corrected typos in the illustration of the general record sequencing located in the Business Rules section for the inbound Dealer Parts Data file.
28 Sep 10	Added comment waiving the 'required' status of most inbound detail record fields when the part is being deleted.

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Date	Description
07 Oct 10	1) Made day field definition 3 bytes in schedule record. 2) Made note that the outbound Orders interface must now also be implemented by a DBS for a dealer using that DBS to subscribe to the DPM service. 3) Added notes about initialization records being required in the daily delta files in the case of a new part and in the case of an existing part where historical sales data changed. Generally cleaned up explanations of what records to send and when. 4) Removed note stating that ascending part sequence was required for the inbound part records and specifically stated that the sequence was unimportant.
15 Oct 10	1) Set Order number to character length of 10. 2) Added additional definition of PPP in terminology section and also on PPP field. 3) Added comments about on order always being a whole number
18 Oct 10	Cleaned up old comments about trailing negative signs. Leading negative signs should be used.
19 Oct 10	Revised *Field Format Definitions* in the Special Considerations section to be more definitive and to incorporate the Date and Time field format descriptions.
25 Oct 10	1) Changed description on the total annual history buckets which are to be used if monthly history detail is unavailable. 2) Added blurb in Transfers about validation on the DBS being required before the transfer is processed there. 3) Removed account number from and added time stamp to the file names.
26 Oct 10	1) Added the main DTF/poll account back into the inbound extract file name. It is required in the inbound file name because the process being used on the DTF server will result in files from multiple dealers residing in a common folder. Having the main DTF/poll account in the file names practically eliminates any chance for a duplicate file name. 2) Change length of the schedule record's 'type of extract' field from 4 bytes to 2 bytes. 3) Clarified the process that the DBS should follow based on the values in the schedule record's 'type of extract' field.
15 Nov 10	Try to add clarity in descriptions of historical sales buckets and to the available/on order and reserved fields.

01 Dec 10	1) Changed criticality of following fields from 'required' to 'conditional' (i.e. send only if you have them).
	   a. Current MTD Lost Sales
	   b. Current MTD Lost Demands
	2) Changed all fields defined as Date(8) format 'YYYYMMDD' to Date(10) format 'YYYY-MM-DD'.
	3) Change definition of the 'time of day' field in the schedule record to provide the time of day, in Moline, when the DBS should extract and upload their data.

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Date	Description
21 Dec 10	1) Changed the Order Coordination data field in the Extract file header record from Required to Conditional and embellished the description to explicitly state that the field would be empty in the very first upload even if the dealer system supports the Orders interface.
	2) Changed the Transfer Coordination data field in the Extract file header record from Required to Conditional and embellished the description to explicitly state that the field would be empty in the very first upload even if the dealer system supports the Transfers interface.
	3) Changed the description of the Bin location field in the Extract file detail record to instruct the dealer system to send N/A if no bin location is assigned for the part.
	4) Changed the Alternate bin location name to Alternate (secondary) bin, changed the field from Required to Conditional and added a statement in the description that the field should be sent if it exists in the dealer system.
05 Apr 11	1) Add statement in Special Considerations section about the field delimiter that a tab can never be included as data and indicated that the record can be terminated after the last field with data (rather than sending a bunch of tabs).
	2) Changed reserve Quantity – Work Orders and Reserve Quantity – Part Tickets from Required to Conditional.
	3) Use one definition for each full year history field and refer to that common definition.
	4) Indicate that a daily record should not be sent if the sales buckets changed only because of a monthly process to roll the sales history buckets.
	5) Various other clarifications.
	6) Change Demand to Hits at request of DPM team.
26 May 11	1) Removed ??? from Int definition of order coordination tag.
28 Jun 11	1) Removed annual history fields for years 4-5 (fields 192-196) from the inbound records
	2) Removed comment on Part Added field that indicated that it is used to control adding the part to Deere's database
	3) Removed highlighting from previous two updates.
	4) Added clarification that Order Date and Order Time are expressed as local Moline date/time
	5) Reworded (simplified) statement about history transfers for subs and removed the diagram.
	6) Changed length of order line unique ID to 17 and added note in description about the 1st byte meaning.
7 Jul 11	1) Change code references for JDPrism-generated unique ID from P to R.
25 Jul 11	1) Remove the statement to 'exclude ST/TS' order types from the On Order total. i.e. ST/TS order types should now be counted as On Order.
	2) Change the file naming convention for the dealer extract file to add the ToE (Type of Extract) indicator.
26 Jul 11	1) Remove erroneous spaces in dealer extract file naming convention.
28 Jul 11	1) Change blurb about this interface replacing parts locator to indicate that is true only if a dealer subscribes to DPM.

Date	Description
03 Nov 11	1) Put JDPrism back in document header. 2) Added statements to notify the dealer system vendors that the Authorized part Returns interface must be implemented to provide the dealer full functionality when JDPrism is used since JDPrism will generate the returns file (not the DBS) and the only way that the DBS will get a digital list of the parts is through that interface.
20 Dec 11	1) Changed bin field lengths to 12 to align with JDPOINT; made primary bin conditional and removed requirement to send "N/A" in primary bin field is no bin is assigned in the DBS. 2) Changed Pieces in Set (PIS) definition from decimal to integer. 3) Added comment on Transfer Date & Transfer Time that it is Moline date/time. 4) Added comment on Order Date & Order Time that they are Moline date/time. 5) Added comment on Requested Ship Date that it is a Moline date. 6) Corrected sequence numbers on last two fields of the order detail record. 7) Added comment that Next Parts Month-End Date is the Dealer's date. 8) Added comment that Date Added is the Dealer's date. 9) Changed Time of Day in schedule record to be simple hour/month (HHMM) in the local dealer time. 10) Added comment to Day of Week in schedule record that it is dealer's day.
23 Jan 12	1) Change order number from 'required for Deere' parts to static value of JDPrism for Deere parts.
9 Feb 12	Series of updates from meeting. 1) Change character set from ASCII to Unicode UTF-8 2) Added statements indicating the requirement of an account/ warehouse in all cases when a scheduled extract is run; even if no parts records 3) Added definition to Next parts month-end date 4) Changed vendor group code to vendor code and added definition. 5) Corrected examples of pricing additive to put negative sign as leading instead of trailing. 6) Added definition to order indicator and removed Y/N options for dealer systems that do not have such a field. 7) Shortened length of dealer group code and added definition to the field. 8) Added statement on schedule record that the extracts should only be run as scheduled by JDPrism.
14 Mar 12	Corrected length of time field occurrences 2 – 8 from 8 bytes to 4 bytes.
22 Mar 12	1) Split out each data format definition into its own row in special considerations. 2) Identified the decimal point "." As the only allowable decimal mark 3) Identified that no other punctuation, like thousands separators and currency symbols, is permitted in numeric values. 4) More clearly noted that the decimal point and the digits trailing the decimal should be excluded if the digits are insignificant (zero). i.e. Send 123 not 123.00. 5) Made the vendor part cost field definition more clear.

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Date	Description
19 Apr 12	1) Add clarification around monthly historical sales reporting. 2) Added clarity to definition of required.
24 Apr 12	1) Changed some references from "DPM" to "JDPrism" where it made sense, 2) Changed the business rules for transfers to remove the 'suggested' terminology and to recommend that the DBS processes the transfer file from JDPrism immediately since they have already been approved by the dealer in JDPrism.
08 May 12	1) Put field 192 (Total Lost Hits 37-48 months ago) back into the DBS extract file. It was deleted in error in June 2011. 2) Changed reference to annual history fields from 177-191 to 177-192.
09 May 12	1) Removed comments about JDPrism not yet supporting non-Deere parts due to plans to add that ability late in calendar 2012. 2) Expand order type field from 2 to 3 bytes on the PMORD file and add "IS" and "MDP" order types to the list of values on that field.
14 May 12	1) Create version 1.1 of inbound file to add two new fields to inbound file for reserved repair order hits and reserved part ticket hits.
30 May 12	1) Added "Lost Sales and Lost Hits Reporting' paragraph to the Business Rules section for the Dealer Pars Extract to clarify how this data should be sent. 2) Changed field definition on new reserved 'hit' fields from Dec (6,2) to Int(6).
31 May 12	1) Clarify that the annual total sales/hits fields should be sent only when no monthly data is available whatsoever.
3 Jul 12	1) Added clarity that the extract file needs to be uploaded to Deere immediately after it is created. 2) Added clarity to the field descriptions of the Order file.
08 Aug 12	1) Some small clarifications. 2) Add information to document new format of Order Number field. 3) Add note for DBS to send 1900-01-01 in Date Added field if the actual data is unavailable 4) Change note on unique order line ID to indicate that ANY first byte other than R means that the order originated outside JDPrism.
14 Aug 12	1) Add note that line feed and carriage return should never be included in a data value because they are line delimiters.
09 Oct 12	1) Add clarification that warehouse should identify location and part group and be recognizable to the dealers.
15 Mar 13	1) Clarify the unique line number and unique order number values and how they might be used.
16 Apr 13	1) Clarify description of On Order Quantity.
24 Jun 13	1) Add blurbs about adding parts from a DPMORD file that are not already in that DBS warehouse. 2) Clarify business rules for delta file records
27 Jun 13	1) Add business rule to transfer about not driving on hand negative by processing a JDPrism transfer record. Change all occurrences of "JDPRISM" to "JDPrism". Add file names on interface header.

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Date	Description
09 Jul 13	1) Add additional blurb identifying the scenario where a new part in the DPMORD file may not have previously been on a Deere price file.
15 Nov 13	1) New wording used in Overview to emphasize the value of using all interfaces.
18 Dec 13	1) Add verbiage on Order Line Unique ID description to indicate that Deere can send multiple packing list lines to fulfill one order line.
04 Mar 14	1) Rename Change 'Original Line Unique ID' to 'Original Order Line ID'. 2) Added clarification in Delimiter, Line Special Considerations section about the exceptions to sending tabs to mark every field position on a record.
24 Mar 14	1) Add new extract file version 1.2 to include Average Cost
28 Mar 14	1) Add more detailed definition of Average Cost.
07 Apr 14	1) Change Order Number to Order Reference ID in DPMORD file to more closely associate it with the dealer reference field in the part receipts record.
23 Apr 14	2) Corrected spelling error (whole to whole) and (q to a).
6 May 14	Changed 'Date Added' field description to include a preferred option hierarchy to follow.
23 Jan 15	Changes were made in the following areas: 1. Deere's intention to support selected JDPrism/DBS interfaces that do not support delta files and only send init extract files. 2. Changes to indicate importance of various interfaces and the importance of contacting JDPrism support when development begins. a. One specific point: The Authorized Returns Interface is only available in certain countries. 3. Stating that non-John Deere parts are currently not supported. 4. Stating current limitations in the support of the schedule interface by JDPrism. 5. Created a version 1.3 of the interface in support of additional coordination data to be included in extract header records.

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