Frontier
4.0 through 4.1
Non-financial

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May 2020

About this presentation

- What's New highlights, Frontier versions 4.0.x and 4.1.0.
  - Frontier 4.0.0 is the baseline
- **Does not include financials**
  - A financials-focused presentation is scheduled for Thursday 28 May
- Unless otherwise noted, everything here is **UI only** (no green screen)
- We'll tag the release the feature was introduced or will be available:
  - 4.1.0 GA: 3Q 2020, subject to co-development timelines in COVID-19 business environment

Cumulative releases	
4.0.1	June 2018
4.0.2	January 2019
4.0.3	February 2020

Base release	
4.1.0	3Q 2020 PROVISIONAL

General enhancements

Database and system function

Name and Address
Field size expansion

- Why?
  - Comply with industry standards for field lengths
  - Support address validation

Data element	4.0.X	4.1.0
Name	30 char	**50 char**
Address lines	30 char	**50 char**
City	18 char	**35 char**
Zip/postal code	10 char	**15 char**

Entities	Affected master and document files
Customer master information	CM1P CM3P
Vendor master information	VM1P ANP (1-time vendor)
Sales order addressing	O1P (contacts) O2P (override)
Purchase order addressing	POP

O2P (Sales order Override Name and Address): now has separate fields for CITY, ST, and ZIP
No longer buried inside ODADR5.

Address Validation
Internal and external

- Why?
  - Increase Sales Order accuracy and deliverability
  - Reduce shipping fees and Minimize shipping delays
- ST notefile has optional Country entry
  - Value valid only when specified Country code is also used
- Frontier interface to **U.S. Postal Service address validation service**
  - Address verification provides suggested address changes for customer addresses, customer override addresses and sales order addresses
    - Pop-up asks if corrected address should be used instead
  - Optional feature to update zip codes to 10 digit values

Product, Customer and Vendor Attributes

- What?
  - User-defined attributes attached to master entities (product, customer, vendor)
  - Rather like PCM option list and working segments
- Why?
  - Facilitate decision support and data warehousing efforts
  - Reduce need to explicitly change database (trailer files) and program logic.
- How?
  - Dynamically define attributes, group into categories
  - Attach attribute categories to products, customers or vendors
  - Populate attribute values for attributes assigned to products, customers or vendors during master maintenance
  - Can log changes made to attribute values

Master File Change Logging

- Why?
  - Track and monitor any changes made to customers, product or vendor master data to manage content and for ease of issue resolution
- How?
  - Indicate which fields from master files should be logged
  - Whenever changes are made to the selected master file fields using Frontier, an entry is logged with a record of who updated the data, when and how the update was made, and the before and after master field values.
  - History of changes visible in UI Master file maintenance, as well as in stand-alone UI inquiry.

Navigation Enhancements

- iGL Summary Journal Entry link to journal

General Ledger Journals

Displaying all entries within module Customer Order Close, f

Revise Search

Display Options

Period	Journal	Description	Journal Sourc
01			
19/02	SA001	SALES TRANSFER	

General Ledger Summary Journal Entries

Displaying all entries related to journal SA001, found between fiscal periods 1902 and 1902.

Revise Search | Show Filters | Show Display Options

Display Options **Filter Options** Clear Filters

8 entries found. Displaying all entries.

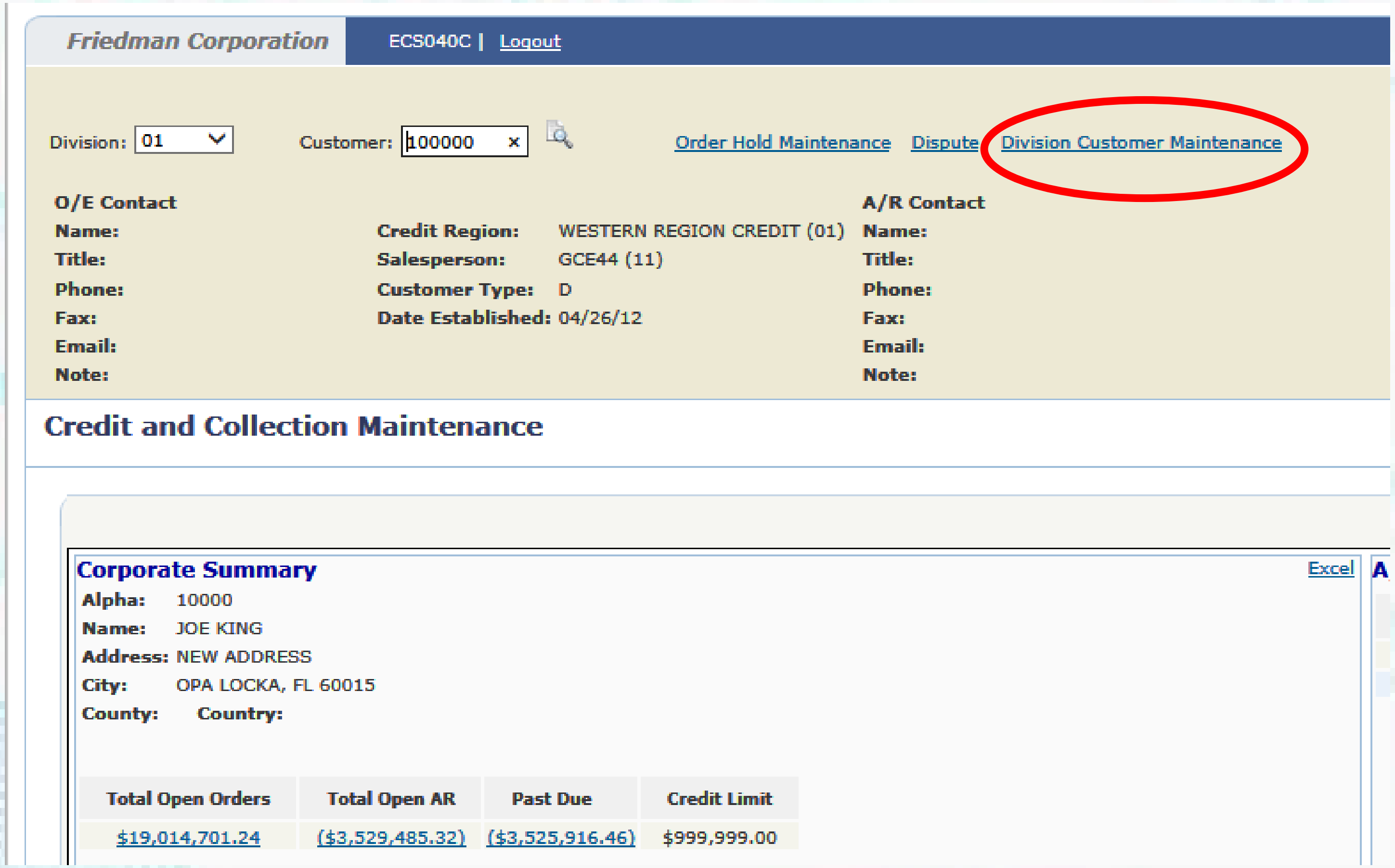
View: Browse View

GL Account	Period	Journal	Account Description
01.000.117.101	1902	SA001	SEASONAL PROMOTIONS
01.000.117.201	1902	SA001	COMPETITIVE CONTRACT
01-00-110-000	1902	SA001	ACCOUNTS RECEIVABLE-TRADE
01-00-118-101	1902	SA001	PRICING PROMOTION ACCOUNT
01-00-550-000	1902	SA001	SHIPPING 01
01-00-940-100	1902	SA001	SALES TAX
01-10-400-000	1902	SA001	SALES-TRADE SALE 01
01-10-500-000	1902	SA001	COST OF GOODS SOLD COST 01

4.0.2

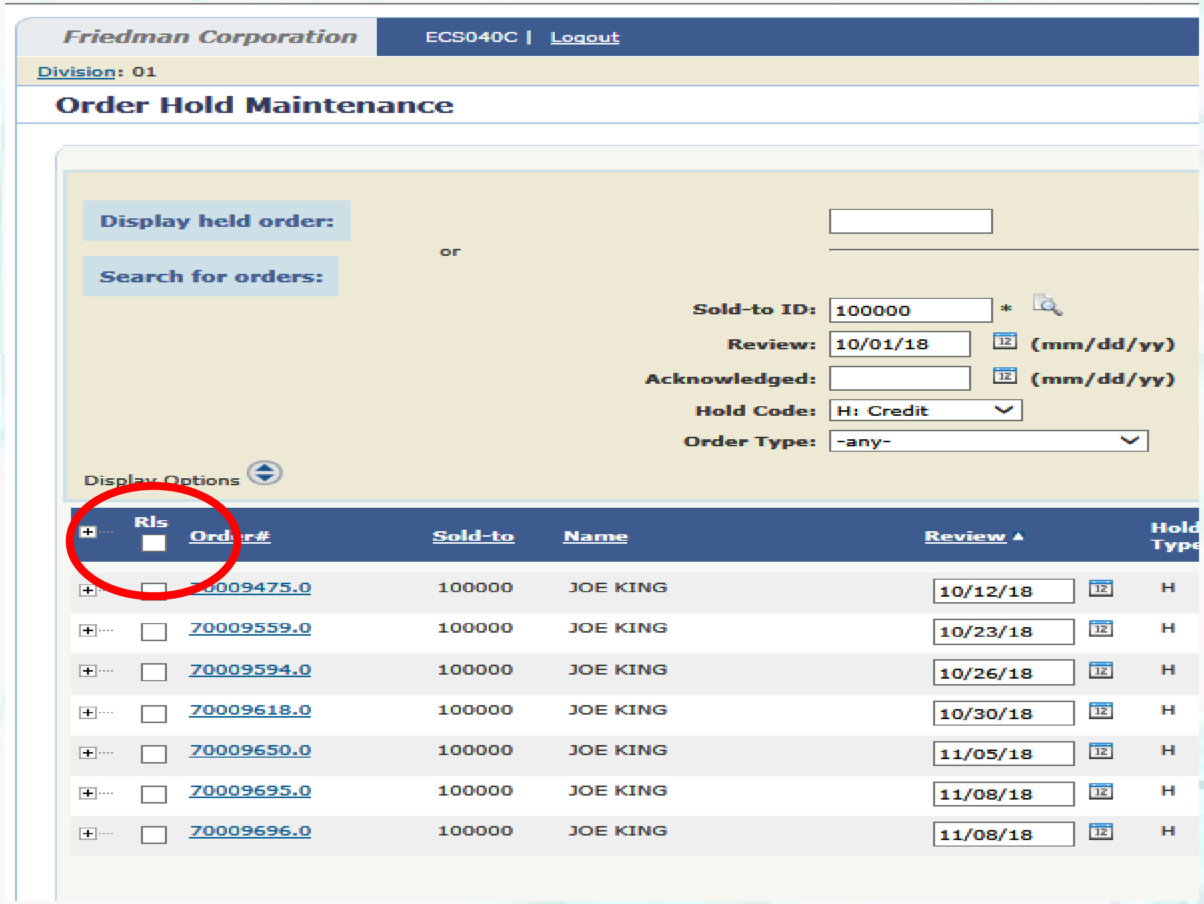
Navigation Enhancements

- Customer Credit link to Division Master Maintenance



Navigation Enhancements

- Sales Order Hold Maintenance – select all



Custom inquiries (Forward looking)

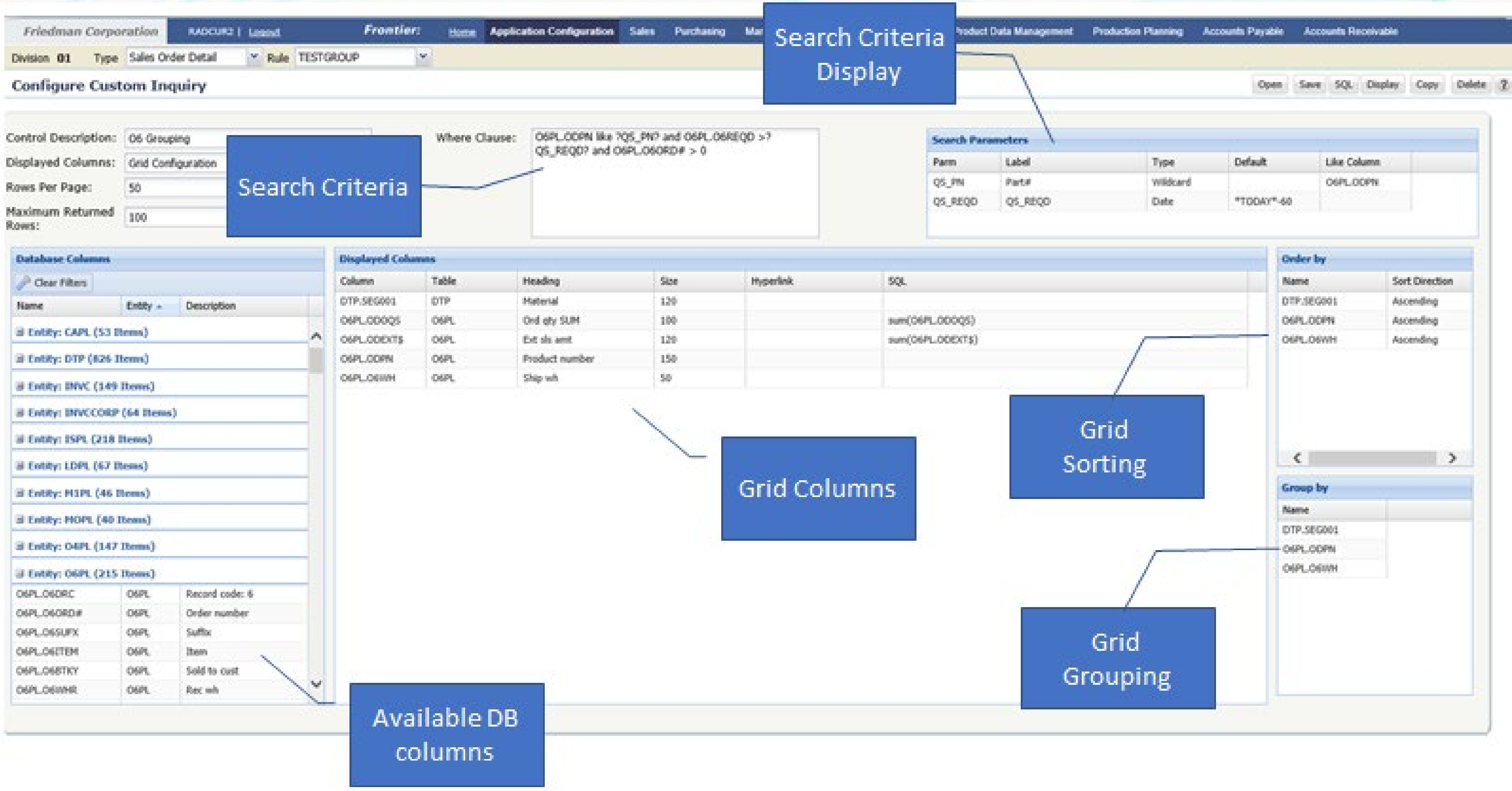
- What?
  - User-defined inquiries integrated into the Frontier UI
- Why?
  - Address long-standing usability issues in iInquiry
- How?
  - Wrap user-written SQL statements in the Frontier UI infrastructure
    - Provide a pre-packaged "data models" (views) to help
  - Runtime UI provides rich set of further manipulations
    - Show/hide/re-arrange columns
    - Dynamic sorting
  - Hyperlinks to other existing Frontier applications

Custom inquiries (Forward looking)

Prototype “design view”

Incorporates concepts form both iSchedule and MasterFile UI

This is targeted for 4.1.0 GA



PCM enhancements

Configurator function

PCM Reusable option lists

- What?
  - An option list can be included “in-line” in the current option list; like a BOM phantom
- Why?
  - Minimize option list maintenance
- How?
  - New control-type of “SUBL” indicates that the option is really a pointer to a separate option list which is to be embedded “in line”
- Example
  - Most models need to ask for HEIGHT, WIDTH, and THICKNESS
  - Make an option list DIMENSIONS that asks for HEIGHT, WIDTH and THICKNESS
  - Include DIMENSIONS as a [SUBL] on your option lists
    - Will show as HEIGHT, WIDTH, and THICKNESS to the user

PCM Configuration Page “Expand all” property

4.0.1

- What?
  - On initial configurator display, show all frames expanded.
- Why?
  - Some users like to use F3 (Find) to search for specific options
- How?
  - A new **iProduct property** has been introduced which will allow an installation to indicate that all frames on the configuration page should appear expanded upon entry into the page
    - This is environment-wide

PCM Option Value Inheritance (4.0.1)

- What?
  - Allow selected options to inherit from the previous line item on the order
- Why
  - Improve configuration process, reduces option selection and improves consistency
- How
  - An option may be defined to have the value automatically inherited from the previous line item on the order
  - Inheritance may be specific to model (inherit from the previous line item with the same model only)

Configuration Page
Maintainable order quantity

- What?
  - Change the on-order quantity while maintaining the configuration
- Why?
  - Minimize keystrokes and navigation when entering or maintaining a configured sales order line item
- How?
  - The sales order line item on-order quantity is now maintainable on the configuration page
  - No need to go back to the sales order detail page to fix the quantity

PCM Model Change on Sales Order Lines

- What?
  - Change the model on existing sales order line items
- Why?
  - Improve ease of sales order entry;
  - No need to delete and re-add.
- How?
  - Model (product) on existing sales order line items can be changed on either on
    - the Sales Order Detail page or
    - the Configuration page.
  - Restrictions: same as when changing the quantity or configuration
    - E.g. Not allowed if the associated work order is released.
  - Configuration segment values will be carried into the configuration of the new model, where the segment names match.
  - Model changes trigger reconfiguration of the line item.

PCM Condition As Cache

- What?
  - Cache “condition-as” model logic separately from the “order entry” models
- Why?
  - Performance and storage benefits
  - Model logic far more likely to remain in cache for most customers.
- How
  - New iProduct Property indicates that PCM Condition As models should be compiled and cached separately, rather then being “baked-into” each PCM model.
  - Requires that configuration segments assigned to the PCM model and the PCM Condition As model are consistent
    - You are doing this anyway, right?

PCM Retain Option Value (4.0.3)

- What?
  - Prevent selected option values form being cleared on re-configuration
    - Normally, segment values associated with hidden options or frames are cleared
- Why?
  - Ease of option list maintenance
  - Important for &USERTYPE processing (next slide)
- How?
  - New option list detail field “Keep”
  - When set, associated segment value should not be cleared, even if option is hidden.

4.0.3

PCM Keyword &USERTYPE

- What?
  - New &USERTYPE keyword for use in conditions
- Why?
  - Control available configuration options based on “external” *versus* “internal” order applications
    - “Internal” users might have access to ‘unsafe’ options
- How?
  - New keyword of &USERTYPE for use in model conditions
    - Value INTERNAL when using the Frontier UI
    - Value EXTERNAL when using Frontier eQuote or Frontier WebServices
  - Intended for use in conditioning option lists; not recommended for use elsewhere!

4.0.3

PCM Additional SVG Images (4.0.3)

- Why
  - Supports generating more variations of SVG images such as a top view or a side view or different images for dealers to view, architects to use, etc.

- How
  - Additional 5 user-defined image fields have been added to the PRODIMAGES file

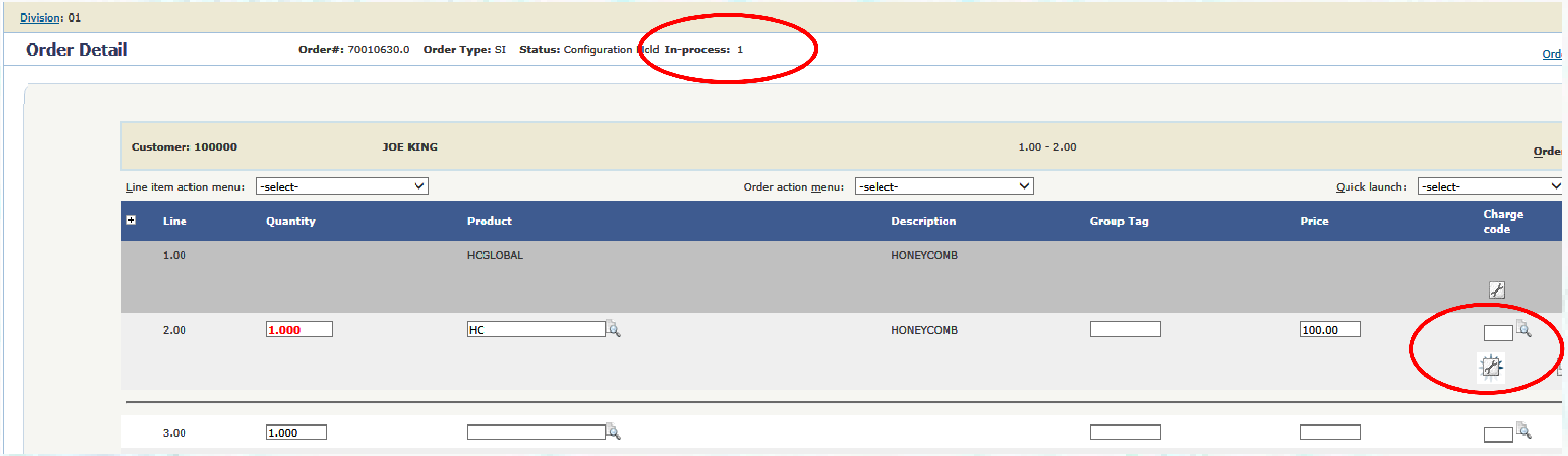
PCM Option notes

- What?
  - Requite additional free-form text for certain options or option-selections
- Why?
  - Details are required for a configuration option or a specific option selection
    - Specifications, descriptions, what-have-you
  - Exceeding usual 50-character limit
- How?
  - New “note” flag added to PCM Option List
  - When set, user MUST enter some text during configuration
  - Up to 1,600 characters can be entered
  - New Order Option Notes File (O5XP)
  - Visible in: Order Detail, iSchedule, AME, iSales

4.0.2

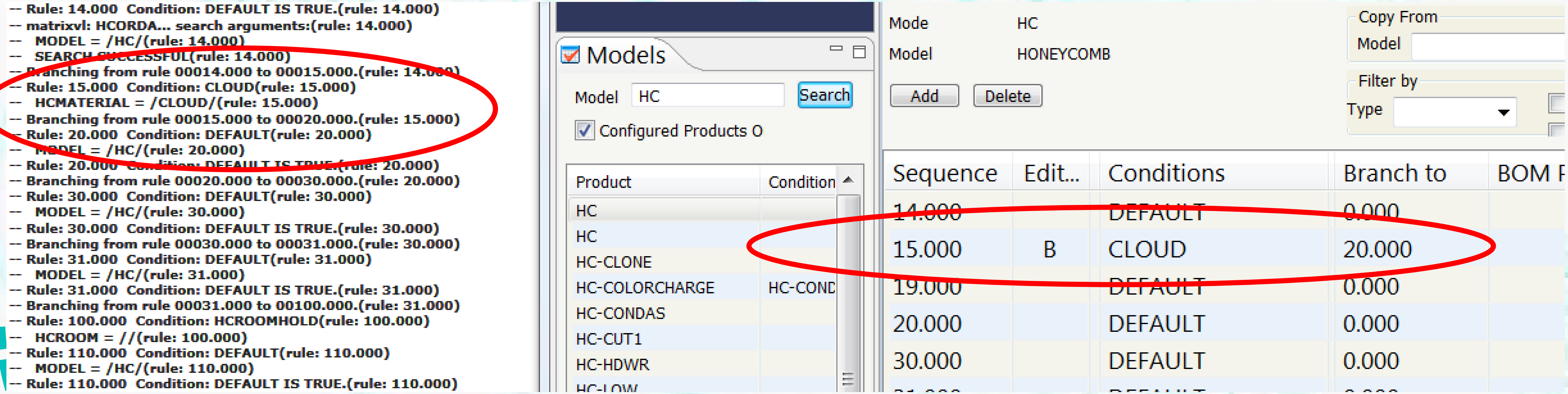
Configuration processing
Show total in process “spinners”

- Order Detail – indication that lines are in process – helpful for multi-page orders



PCM debugging Branch-to (4.0.2)

- Branch-to now included in PCM Trace



4.0.2

PCM rules *INITWSALL

- Single rule to clear all working segments – INITWSALL
  - Rather than using *INITWS with names

12.000		DEFAULT	CPYHWD	HCHARDWARE
13.000		DEFAULT	HCORDN	HCORDN
14.000		DEFAULT	HCORDA	HCORDA
15.000	B	CLOUD		
19.000		DEFAULT	INITNOTE	*INITWS
20.000		DEFAULT	COPYNOTE	HCNOTE

Formul: INITNOTE

Descriptio: INIT

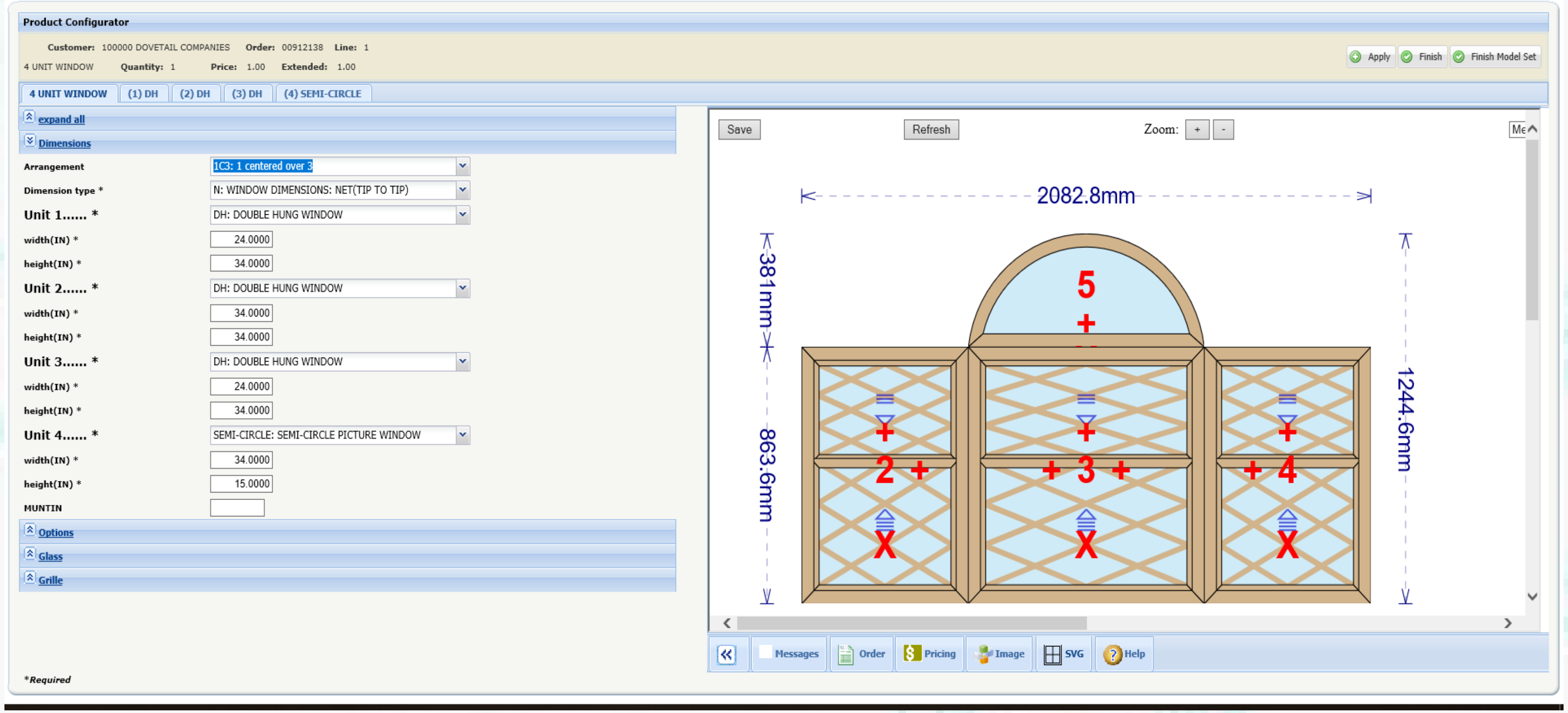
Operand	Operator	Func	Segment
*INITWSALL		S	

PCM Option lists
Secured options

- What?
  - Secure individual options using existing CONFIGUREx UI security roles
    - CONFIGUREx security roles were introduced with 3.3 “error bypass” capability
- Why?
  - Useful in environments with heavily-engineered products.
- How?
  - Two new attributes in option list
    - Level require to UPDATE
    - Level required to VIEW (read-only)
  - Level:
    - 0 = highest authority (CONFIGURE0 UI role)
    - 9 or blank = lowest authority (CONFIGURE9 role, or nothing)

PCM Configuration page
Show SVG in same page

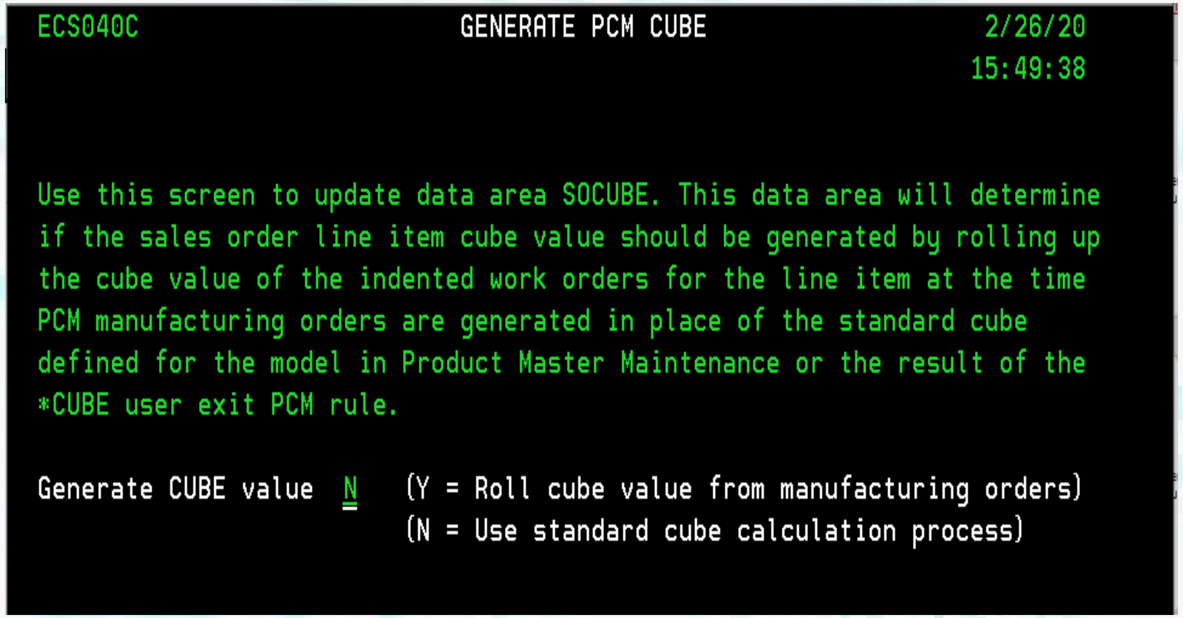
- SVG rendering now shows within the configuration page as opposed to on a new page



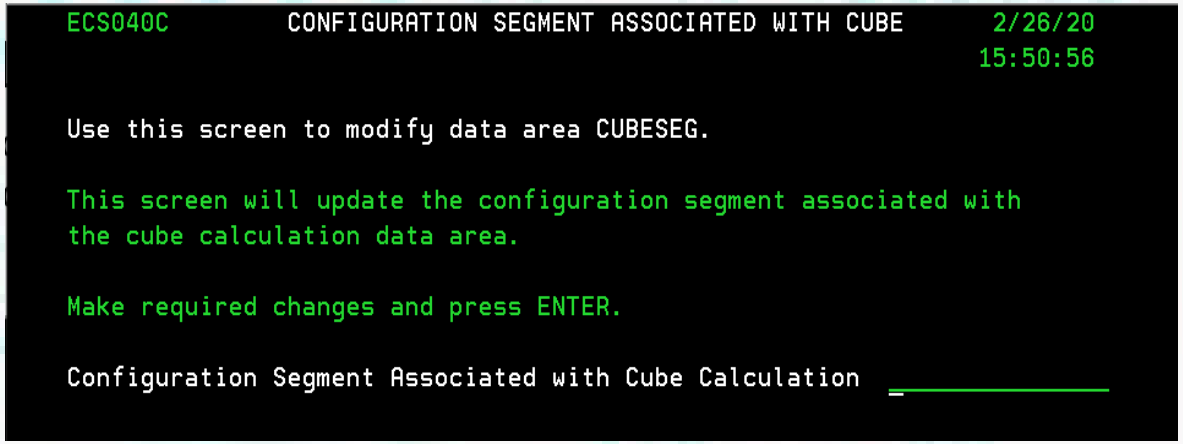
PCM Sales Order Line Item Cube Calculation

4.0.3

- Ability to tell the system to calculate line item cube value from first level work orders and purchase orders



- Low level and purchase order cube values should be calculated and stored in the segment defined here:



PCM Miscellaneous (4.0.2)

- PCM Performance Improvements
  - Only store segments in work file WFWKP if they contain a value
  - Copy SVG drawings when copying an order or item instead of redrawing
- Global Model Inheritance: All segments (default) or just option list segments
  - MOMENUD2 option 18, AT34 “Global Model Settings”

Sales order processing

4.0.3

iSales
Display sales order contacts

Shipping Information

Shipping Warehouse:	01
Carrier:	UPS
Tracking Number:	
Source:	
Required Delivery Time:	0
Ship-To PO:	
Shipping Instructions:	
Backorder Code:	Y
Acknowledged Flag:	T
Shipper Print Flag:	N
Cartons Packed:	0.000
Freight Terms Code:	

Date Information

Entered:	2/26/20
Ordered:	2/26/20
Required:	2/26/20
Req Delivery:	2/26/20
Promised:	3/11/20
Promised Delivery Date:	3/11/20
Printed:	
Picked:	
Shipped:	
Adv Ship Notice:	
Acknowledged:	
Invoiced:	
Cancel By:	

Sales Information

Division:	01
Payment Terms:	15
Credit Card Authorization:	
Sales Territory:	
Credit Reference:	
Sold-To PO:	
Credit Region:	01
Credit Reason:	
User:	ECS040C

Load Information

Load:	
Load Sequence:	0.00
Load Status:	
Pro Number:	
Trailer Id:	

Contact Information

Name	Customer	Contact Type	Title	Email Address	Phone	Ext	Fax	Note
Sheryl Wilson	100000	FXORD	Purchasing manager	SWILSON@COMPANY.COM	555-222-1212		555-111-1212	
Joan Smith	100000	FXORD	shipping manager	JSMITH@COMPANY.COM	222-555-1212		111-555-1212	
Jean Blue	100000	FXORD	Plant manager	JBLUE@COMPANY.COM	555-333-1313		555-222-1313	

Sales order contacts (03P) now visible in iSales Sales Order Details

Item	Pro	Ordered Qty	Sales Unit of Measure	Allocated Qty	Pick / Ship Qty	No Charge Code	Unit Amount	Ext Amount	C
1.00	F3	1.000	EA	0.000	0.000		$ 50.00	$ 7.50	$ 3,

Total Charges	$ 0.00
Sub Total	$ 7.50
Total	$ 7.50
Cost	$ 3,748.89
Margin	$ -3,741.39
Margin %	-885.20

Sales Order Activity Logging

- What?
  - Track changes on selected data elements of sales order
  - Includes configuration segments values
- Why?
  - Issue resolution, blame, potential change-management improvemnt
- How?
  - Indicate which data elements and/or configuration segments should be logged
  - Determine if system events should be logged
    - System events: normal actions taken by the system e.g. changes made by OEPR
  - Based on database triggers; system manages triggers
  - Change logs visible in iSales Inquiry for a specific order, or new UI application across multiple orders

Sales order activity notes
Activity note type

- What?
  - Optionally require the entry of a valid **note type** when adding a new activity note (O3P)
- Why?
  - Classify notes for later analysis
  - Control which notes are exposed to the customer
- How?
  - New note file "O3"
    - Defines note types and WO/PO/Ack flags with note
  - When adding a note, type is required unless an entry of "*" exists
  - Using a note type locks print flags

LODER NOTE TYPE MAINTENANCE 5/18/20
Type O3 ORDER ACTIVITY NOTE TYPES 15:57:00

Numb	Sfx	Description	Prnt code 1	2	3	4	Chg-dt	By
*		DEFAULT					60818	
MISC		MISCELLANEOUS ACTIVITY	N	N	N		60818	
QUEST		QUESTION TO CUSTOMER	Y	N	N		60818	
SHOP		MESSAGE TO SHOP	N	Y	N		60818	
SPEC		SPECIAL ORDER INFORMATION	Y	Y	Y		60818	
WARR		WARRANTY COMMENTS	N	Y	N		60818	

Order promising
Automatically lock promise dates

- What?
  - Optionally:
    Lock promise date as soon as system has assigned a valid promise date
- Why?
  - Honor promise date communicated to customer
  - Prevent inadvertent changes of promise dates
- How?
  - RSMENU Option 56 “Order Promise Lock Date” RS41
    - By Warehouse
  - Valid date(s) locked when orders booked
  - Subsequent order maintenance prompts
    asking if order should be re-promised

Contract pricing accounting Expense discounts

- What?
  - For specific contract price regimes, allow discounts to be booked (expensed) to the GL separately
- Why?
  - Isolate contract pricing discounts into appropriate GL account
- How?
  - NF68 “CP” Contract Price Reason code: attach GL alpha code
  - Reason code selected when locking a Contract Price on an order assigns GL account alpha to adjusted/discounted line items
    - Discount 1 alpha code gets set
  - Month End accounting distributes discount amount to GL account
    - Credit gross revenue SALE_wh
    - Debit sell discount CP reason code alpha code
      - This is existing 4.0.0 function (EC50775)

Pricing
Price based on net model price (*BASENETPR)

- What?
  - Compute price-adder pricing based on NET of parent model
    - Current *BASEPR works on gross before discount
- Why?
  - Many PCM price adders need to share parent model discounting; they do not discount separately
- How
  - *BASENETPR formula exit prices adder based on net parent model price as opposed to *BASEPR which prices adder based on gross parent model price

Pricing
New price list rounding value of “H”

- New value of **H** added to Price List Rounding when applying the result of the formula against the normal price specified
  - D - round down to the nearest dollar
  - N - round down to the nearest penny
  - P - round up to the nearest penny
  - U - round up to the nearest dollar
  - **H – round to the dollar (standard rounding, like half-adjust)**

4.0.3

Order entry
New order action “Verify Order”

- New action performs “order completion validation” without completing and exiting the order
- Validation includes executing the Order Completion User Exit (OE34) if applicable
  - User exit program gets told if this is “verify only”
- Allows an order to be “checked” prior to actual completion

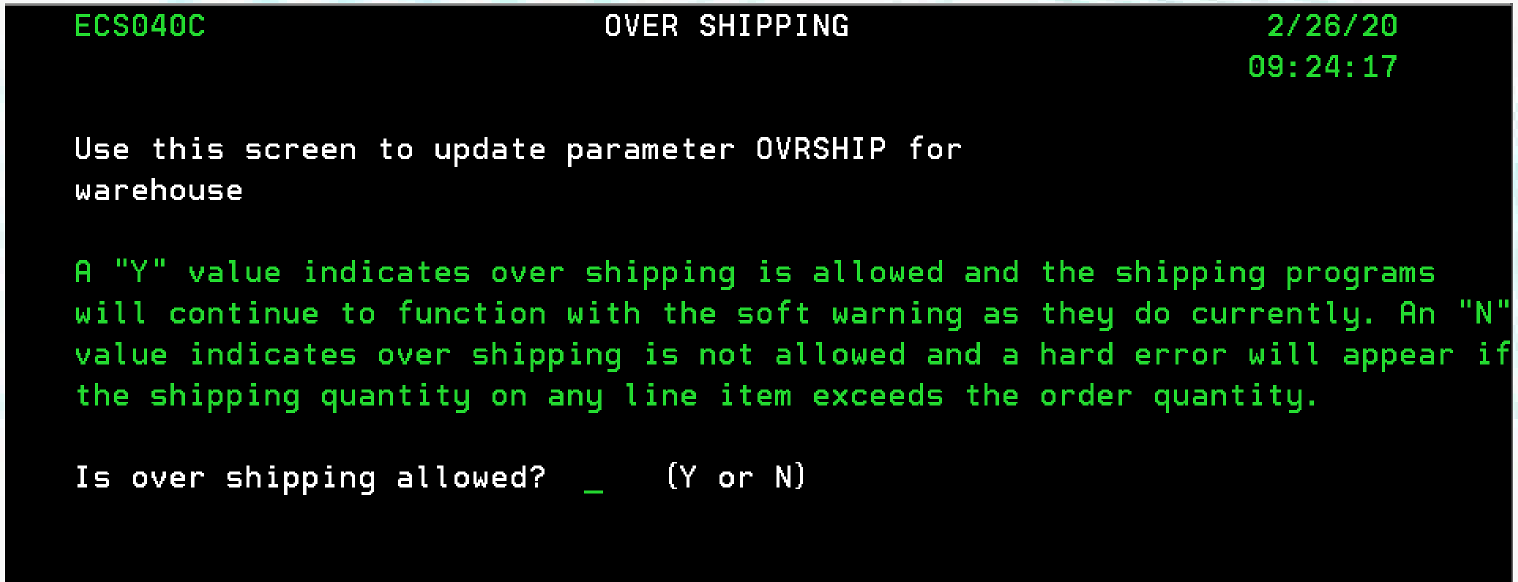
Order Entry Completion User exit was added in **4.0.0.**
It is a user-written program which can perform arbitrary checking and modification of the sales order.

```
ECS040C        ORDER ENTRY ORDER COMPLETION USER EXIT NAME       2/26/20
                                                                09:01:51

Use this screen to modify data area OEUFNOC.

Use this data area to indicate a user-written RPGLE program which
is invoked just prior to a sales order being submitted for booking
in OEPR.

User exit routine name   TOEUFNOCFH
```

Order processing
Over-ship can now be a hard error

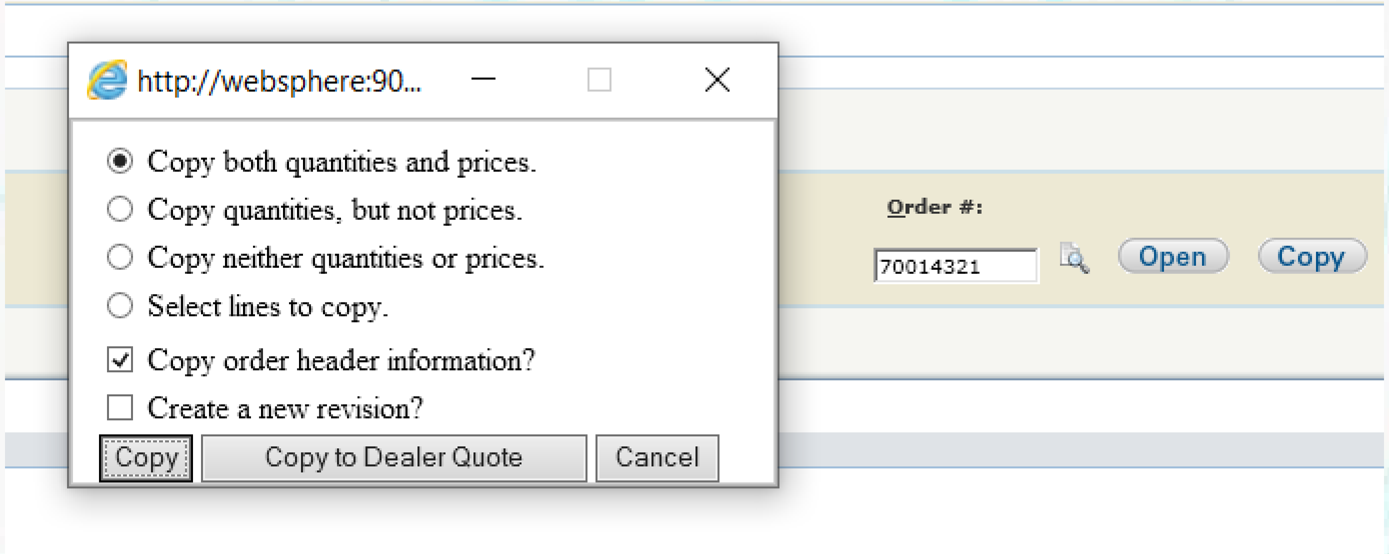
- Over Shipping was previously a soft warning, now can be made a hard error
  - Default is Y – allow overship
- Eliminates problem of accidentally inflating on-order quantity due to keying errors

OEMENUD Option 62
Over shipping Default (OE36)
By warehouse



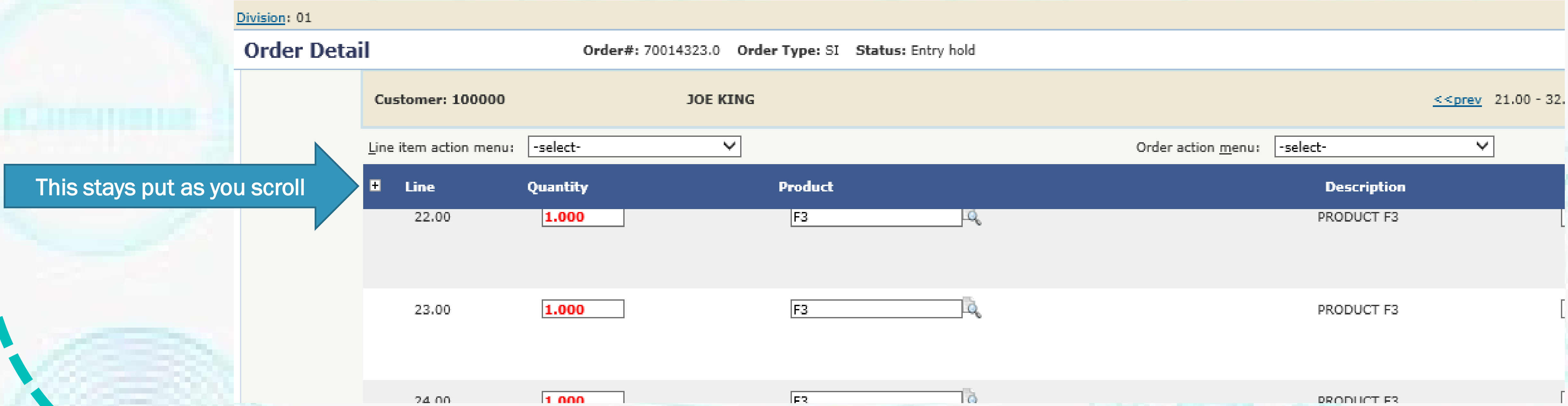
Order entry
Sales order copy includes Order Contacts

- When “copy header information” is selected, order contacts will be included in the copy



Order entry
Fixed headings on detail pages

- The column headings on the sales order and RMA detail pages will remain fixed when scrolling through an order with many lines

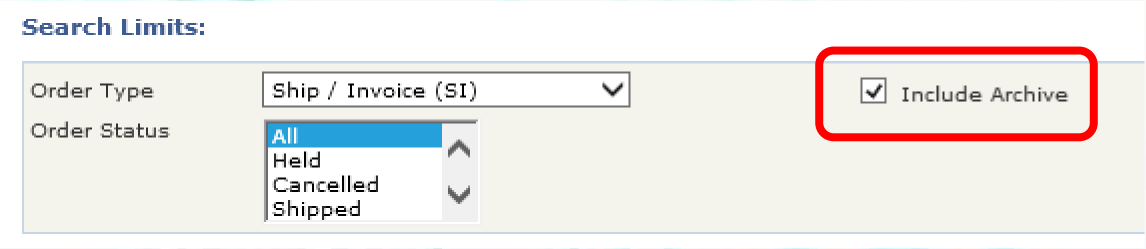


Sales Order Archiving

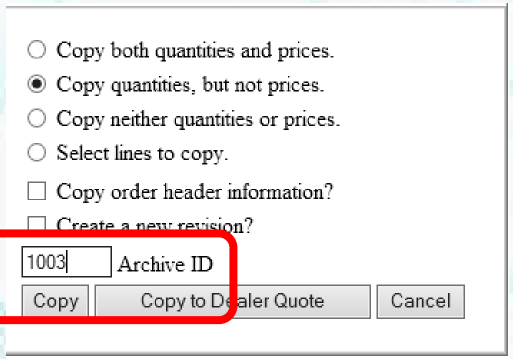
- What?
  - Move fully-invoiced and completed sales orders to a separate set of database tables
  - Sales orders remain visible as read-only copies
  - Sales order numbers can roll over across archives
- Why?
  - Improve database performance
  - Reduce amount of data copied when creating a test environment
  - Reduce backup window
- How?
  - New Sales Order Archiving Process
  - Moves selected sales orders to archive files
    - AX_OHP, AX_O4P, AX_O6P etc
  - Orders get an archive ID in addition to order number
  - Archived orders can be searched and copied...

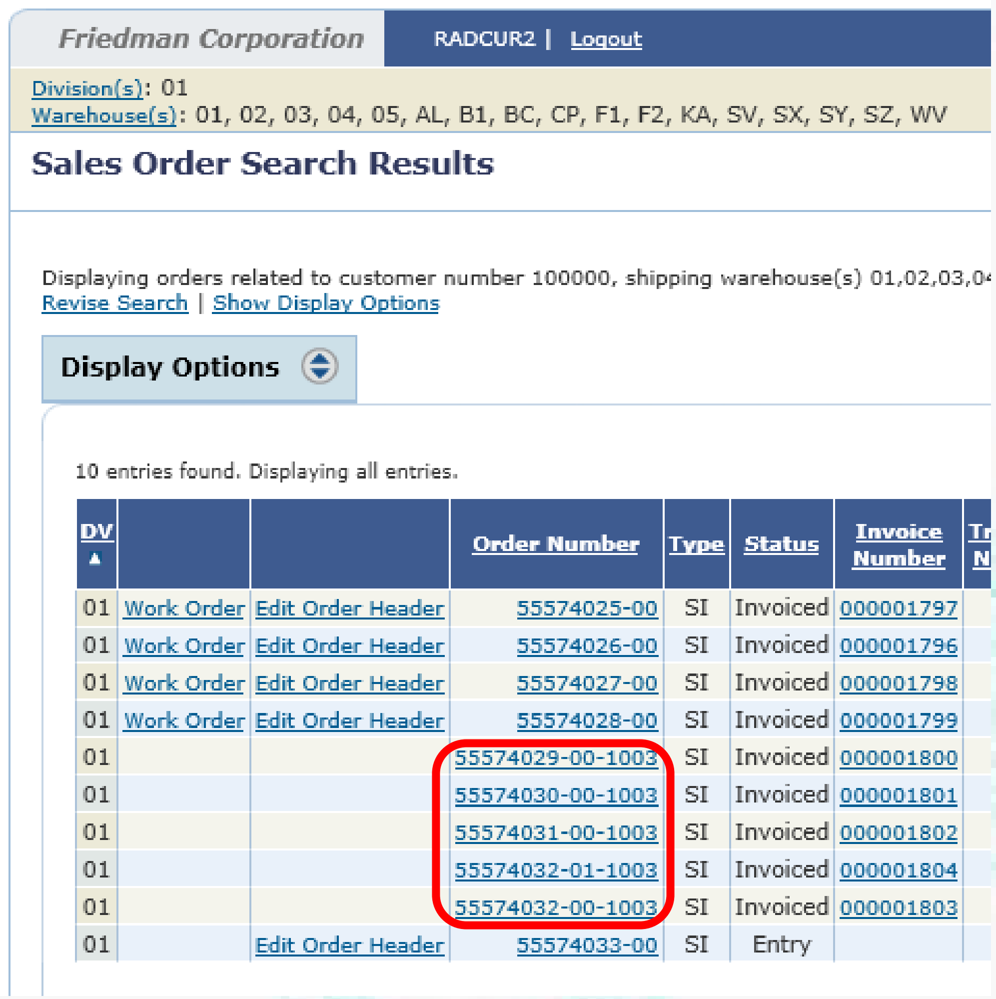
Sales Order Archiving *continued*

- iSales Inquiry: request search to include archives



- Results show **archive id**
- Can copy full or partial archived order





Sales Order Attributes

- What?
  - User-defined attributes attached to sales order
  - Rather like PCM option list and working segments
- Why?
  - Downstream decision support
- How?
  - Dynamically define sales order attributes and sales order categories
  - Attach attributes to the appropriate sales order categories
  - Attributes are automatically added to sales order header processing
    - From customer attributes

Customer order sales tax Avalara AvaTax support

- What?
  - Provides support for **Avalara Avatax** as an alternative to traditional Frontier sales tax processing
    - Cloud-based
    - Supports US and Canadian tax regimes in all jurisdictions
    - Streamlines Sales Tax (SST) fully supported
    - Optional certificate management
    - Optional tax return filing
- Why?
  - Anyone selling across state boundaries needs sophisticated tax calculation and compliance solutions.
- How?
  - Sales tax substantially reworked in Frontier 4.1
  - New “plugin” architecture
    - Existing Frontier sale stax is now just another plugin

4.0.3

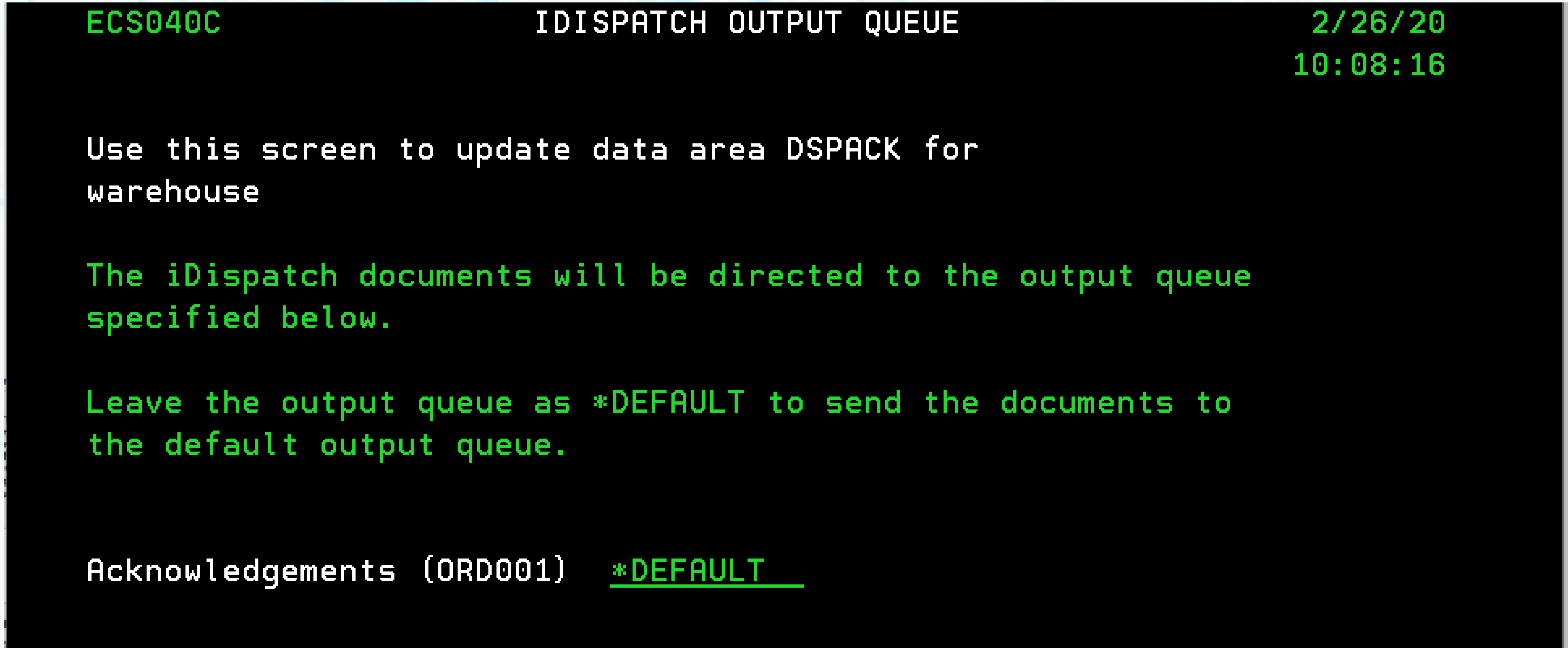
Dealer quotes
Force converted quotes to be read-only

- What?
  - Optionally prevent convcerted dealer quotes from being opened for maintenance in regular order entry
- How?
  - New **iProduct property** can be used to prevent a user from opening the converted quote in Order Header or Order Detail
  - Instead, the system will open the converted quote in iSalesHow:

```xml
<property>
  <property-name>
    isShowConvertedQuoteAsReadonly
  </property-name>
  <description>
    Opening a converted quote in order entry will
    re-direct to iInquiry as read only
  </description>
  <value>true</value>
</property>
```

iDispatch Acknowledgement

- Acknowledgements printed from within iDispatch can be directed to their own output queue



iDispatch execution Missing items report shows location

- Location has been added to the iDispatch Missing Items report

Missing Items

Truck Load ID: 01ANY200304.1

Print

Sales Order	Line Item	Product	Description	Location	Ordered Qty	Picked Qty	Allocated Qty
70014329.0	1.01	F4	F BUY4 LOCATION SENSITIVE		2.0	0.0	0.0
70014329.0	2.0	F4	F BUY4 LOCATION SENSITIVE	LOC2	2.0	0.0	2.0
70014329.0	2.01	F4	F BUY4 LOCATION SENSITIVE		3.0	0.0	0.0

Cancel

Frontier 4.0.0.0A

Friedman Corporation

Inventory and Manufacturing

ECN
Master File Maintenance UI

- What? ECN green screen function migrated to UI:
  - PM80 – ECN Master
  - PM83 – ECN Authority/Comments
- Why?
  - Remove the requirement to access green screens to perform this function
- How?
  - Under *Product Data Management*
    - NOTE:
      PM80 and PM83 continue to exist in green screen as of 4.1.0. No guarantees for future releases

ECN
Master maintenance UI enhancements

- Multiple products may be added to an ECN by copying the list of products into a new popup as opposed to adding each individually
  - E.g. copy list from Excel spreadsheet

Inventory control
Preserve allocated inventory

- What?
  - ST26 and UN01 should not consider allocated inventory as available to move
  - Issues warning if *move_quantity > (on_hand – allocated)*
    - Previously was *move_quantity > on_hand*
- Why?
  - Avoid moving location sensitive inventory that has been allocated to sales orders
- How?
  - ST26 and UN01 changed to issue warnings above
  - **iSales Inquiry** enhanced to allow for searching open sales orders by location so allocated orders can be found
  - A link between UI Inventory Lot/Location Availability to iSales has been added

Work Order BOM maintenance UI UI improvements

4.0.3

- What?
  - Copy-and-paste component changes from spreadsheet
  - Open and close work order from BOM maintenance
  - Column headings fixed (do not scroll)
- Why?
  - Improve performance and ease-of-use
  - Wean users off WO30
- How?
  - Underlying API behind Work Order BOM Maintenance UI substantially reworked
  - New functionality to copy and paste component changes, additions and deletions from a spreadsheet into a work order's BOM
  - The ability to CLOSE or OPEN a work order has been added
  - Column headings have been set to be fixed in place while scrolling

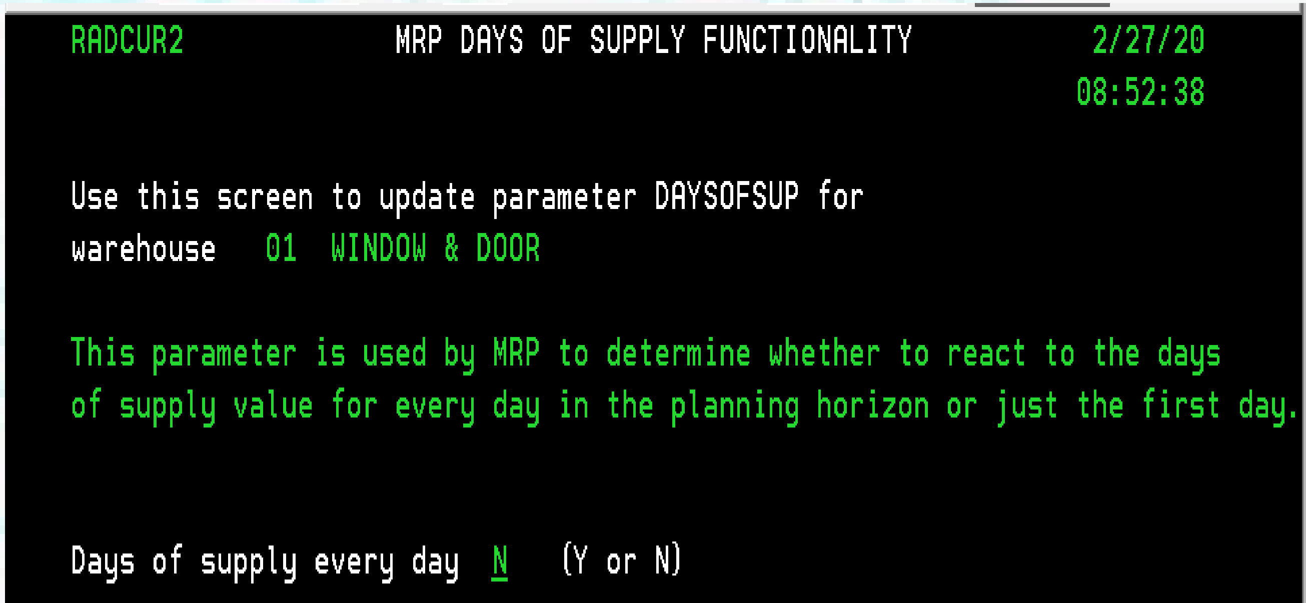
Work Order Operation maintenance UI UI improvements

4.0.3

- What?
  - Copy-and-paste operation changes from spreadsheet
  - Column headings fixed (do not scroll)
- Why
  - Improve usability and performance of the application
- How
  - Underlying API behind Work Order Operations maintenance UI substantially reworked
  - New functionality incorporated which provides the ability to copy and paste operation changes, additions and deletions from a spreadsheet into a work order
  - Column headings have been set to be fixed in place while scrolling

MRP
Rolling days of supply (DOS)

- Control how days of supply (ISDSLY) in inventory segment is planned:
  - **Existing:** Quantity planned in first period of planning horizon
    -OR-
  - **New:** Quantity calculated on *every* day of planning horizon
- New data area
  PCMENUD Option 62
  MRP DOS Functionality (MP11)
  - Default is just the first day


RADCUR2 MRP DAYS OF SUPPLY FUNCTIONALITY 2/27/20
08:52:38

Use this screen to update parameter DAYSOFSUP for
warehouse 01 WINDOW & DOOR

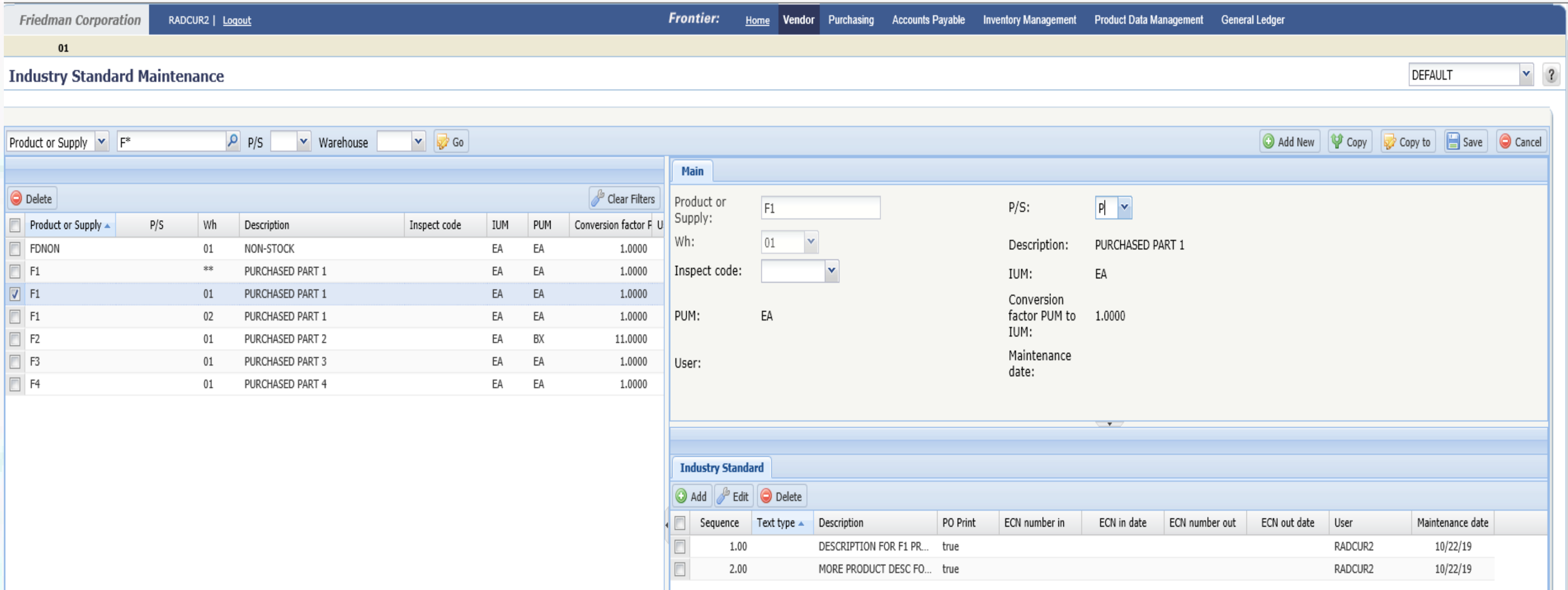
This parameter is used by MRP to determine whether to react to the days
of supply value for every day in the planning horizon or just the first day.

Days of supply every day N (Y or N)

Purchasing and Receiving

Vendor quote maintenance UI Industry standard descriptions

- Maintenance for the Industry Standard Description (VIP) file added to the UI
    - The “missing piece” from QM11.



4.0.3

Purchasing Inquiry
Vendor name and PO Input

- Vendor Name has been added to the results page
- New field to input PO number allows display without leaving page

Purchasing Order Headers

Due 02/01/20 - 02/26/20 , All Orders.

00104741 × Open

Revise Search

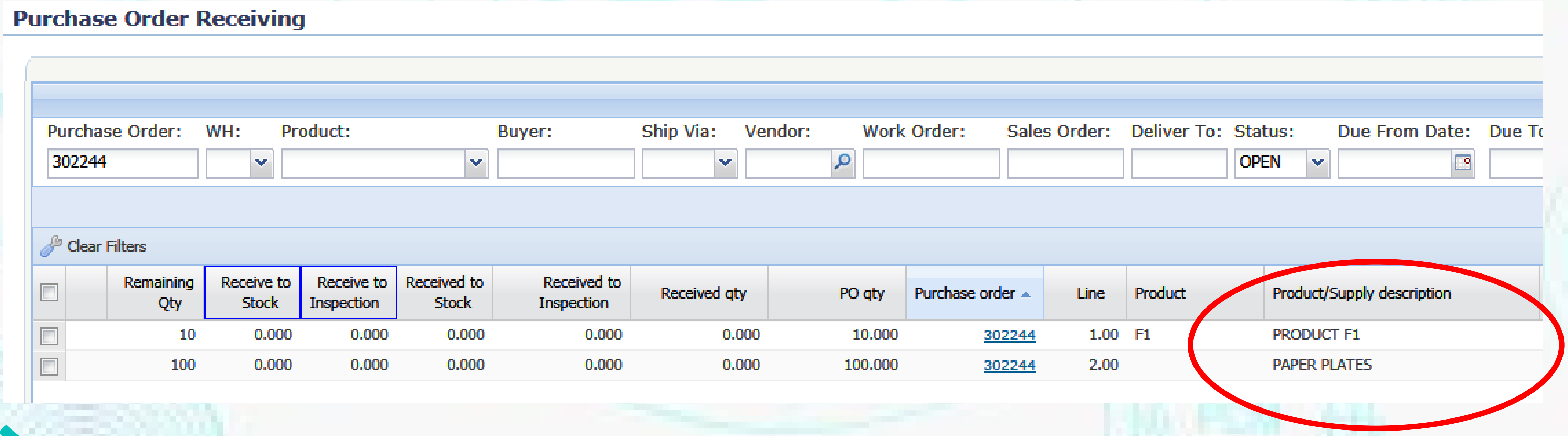
Display Options

DV	WH	Order Type	Order Number	Line Item	Product	Supply Item	Product Description	Vendor Number	Vendor Name
01									
01	01	R	104741	1.00	BWC.PURCH.LL		LOWER LEVEL PURCHASE...	BWCREQ	BWC REQUISITIONER
01	01	R	104741	2.00	BWC.PURCH.LL2		LOWER LEVEL PURCH CO...	BWCREQ	BWC REQUISITIONER
01	01	R	104773	1.00	MRG.PCMBUY		TEST	MGRAY	MIKE
01	01	R	104774	1.00	MRG.PCMBUY2		TEST	MGRAY	MIKE
01	01	R	104777	1.00	MRG.PCMBUY		TEST	MGRAY	MIKE
01	01	R	104778	1.00	MRG.PCMBUY2		TEST	MGRAY	MIKE
01	01	R	104779	1.00	MRG.PCMBUY		TEST	MGRAY	MIKE
01	01	R	104780	1.00	MRG.PCMBUY2		TEST	MGRAY	MIKE
01	01	R	104781	1.00	MRG.PCMBUY		TEST	MGRAY	MIKE
01	01	R	104782	1.00	MRG.PCMBUY2		TEST	MGRAY	MIKE

4.0.2

Purchase Order Receiving Supply description (4.0.2)

- Combined column for product/supply description



Frontier 4.0 through 4.1 Non-financial

Dehn Loder
May 2020