



# JBR 3.0.21 End User Upgrade Training



**Scott Nonken**  
**August 2020**




## Learning Objectives

**❖ At the end of this training the students will be able to:**

- Describe the major functionality changes in JEDMICS Baseline Release 3.0.21.
- Discuss the changes to the WebJPC.

August 2020 2





## Contents

- ❖ New Menus
- ❖ Global Changes
- ❖ WebJPC
- ❖ ORS
- ❖ Import

August 2020 3

## New Menus





## New Menu

- ❖ New Perm Menu Options
  - Parts
  - WSC
  - All Objects
- ❖ New Tools/Template Menu Options
  - TDB and TDB Node (renamed from WBS)
  - Part/WSC

Perm > Pend > Sets > Working List > Q

- Document/Part/WSC
- AccDocs
- Permanent/Pending
- Parts
- WSC
- All Objects

Queue > Tools > ORS > Help >


- New WebJPC Window
- Password
- Import
- Export
- Preferences
- Migrate
- Template
  - Dwg Field Templates
  - DCS Field Templates
  - DCS SDR Field Templates
  - TDB Field Templates
  - TDB Node Field Templates
  - Part/WSC Field Templates
- User Maintenance
- Manage Alert List
- View Notification(s)
- Logout

August 2020

5

## Global Changes






## Global Changes Overview

- ❖ Adds Part and Part Revision Objects
- ❖ Adds WSC object
- ❖ Extends Ability to Specify Relationships Between Objects
- ❖ Alters References from WBS (Work Breakdown Structure) to TDB (Top Down Breakdown)
- ❖ Adds a Type Field to the TDB Object
- ❖ Alters TDB Security Model to Treat a NULL Distribution Code Value as Distinct from an A Distribution Code Value


August 2020 7



## Global Changes Overview

- ❖ Adds Multiline Text Input Support for a Specific Field Template Value
- ❖ Adds New File Type of DEL
- ❖ Dropped 3.0.20 Functionality

August 2020 8




## Global Changes – Part and Part Revision Objects

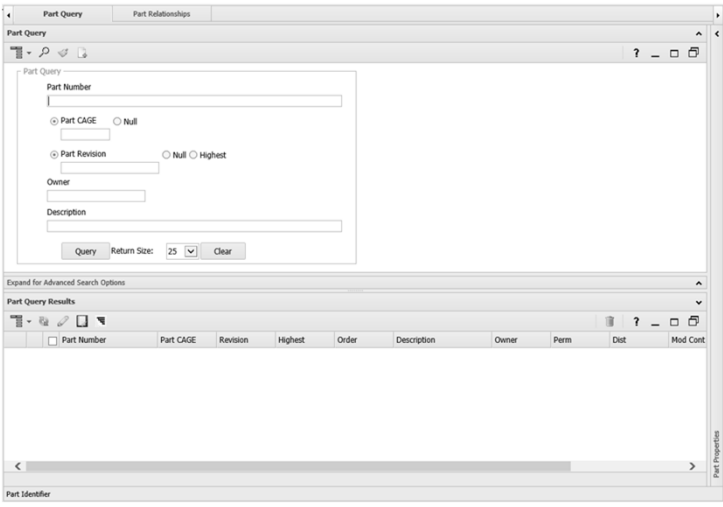
- ❖ Adds a Part object and a Part Revision object.
  - Part Object Defined by: Part Number; Cage
  - Part Revision Object Defined by: Part Number; Cage; Revision

*Note: any standard Rev Order can be used*
- ❖ Existing Part data will be converted during 3.0.21 installation into a Part Revision object with a null revision and linked to the associated Drawing Revision / AccDoc object.
- ❖ Adds a Part/WSC Field Template
- ❖ Part Access Permissions set by Part Owner

August 2020
9



## Global Changes – Part and Part Revision Objects (cont.)



August 2020
10

### Global Changes – Part and Part Revision Objects (cont.)

Part Query

Part Properties

Part Query Results

Part Number	Part CAGE	Revision	Highest	Order

Part Identifier

August 2020

11

### Global Changes – Part and Part Revision Objects (cont.)

Part Query

Part Properties

Part Query Results

Part Number	Part CAGE	Revision	Highest	Order	Description	Owner	Perm	Dist	Mod Cont	Mod Prop
<input type="checkbox"/> SCOTTPART1	JNGT			SUBREV	Scott Training Part	NONKESC	WWW	A	Y	Y

Part Properties

August 2020

12

### Global Changes – Part and Part Revision Objects (cont.)


August 2020

13

### Global Changes – Part and Part Revision Objects (cont.)

August 2020

14



## Global Changes – Part and Part Revision Objects (cont.)

Relationship - Microsoft Edge  
<https://www.webjedmics.net/webjedmics/relationship/relationshipFrameSet.htm>

Relationship Query

Identifier:

DWG  
  DWGREV  
  PART  
  PARTREV  
  WSC  
  TDB  
  DCS

Query   Return Size: 25   Clear

---

Expand for Advanced Search Options


Relationship Query Results

	Object	Identifier	CAGE	Doc Type	Revision	Acc Num	Acc CAGE	Acc Doc Type	Acc Rev Num	Batch Num	Batch Seq	Description	Has P
1	<input type="checkbox"/> DWG	SCOTT&TEST	JNGIT	SPL									N
2	<input type="checkbox"/> DWG	SCOTT-2020	JNGIT	SCH									Y
3	<input type="checkbox"/> DWG	SCOTT-PDF1	JNGIT	DD									Y
4	<input type="checkbox"/> DWG	SCOTT-REG-2	12345										Y
5	<input type="checkbox"/> DWG	SCOTT-REG-2	JNGIT	DD									Y
6	<input type="checkbox"/> DWG	SCOTT-TDP-2	12345	SN12									N
7	<input type="checkbox"/> DWG	SCOTT 8-21-19	12345										Y
8	<input type="checkbox"/> DWG	SCOTT REG B14	JNGIT	DD									Y
9	<input type="checkbox"/> DWG	SCOTT 08252019	JNGIT	DD									Y
10	<input type="checkbox"/> DWG	SCOTT REG2 B14	JNGIT	DD									Y
11	<input type="checkbox"/> DWG	SCOTT-JMP-08-1	JNGIT										Y
12	<input type="checkbox"/> DWG	SCOTT DRAWING V198	12345	DD									Y
13	<input type="checkbox"/> DWG	SCOTT DRAWING V19 1	JNGIT										Y
14	<input type="checkbox"/> DWG	SCOTT DRAWING V19 1A	JNGIT										N

First   Prev   Rows 1 to 25 of 40   Next   Last   Page 1   25 rows per page

Select to query for results

August 2020 15



## Global Changes – Part and Part Revision Objects (cont.)

Part Revision - Microsoft Edge  
<https://www.webjedmics.net/webjedmics/part/partFrameSet.htm>

Part Query   Part Relationships

Part Relationships Query

Identifier: SCOTTPART1 CAGE:JNGIT Revision:

Results Filter

DWG  
  DWGREV  
  PART  
  PARTREV  
  WSC  
  TDB  
  DCS  
  ACCREV

---

Part Relationships Results

	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Acc Num	Acc CAGE	Acc Doc Type	Acc Rev	Description	Other
1	<input type="checkbox"/> Related to	PARTREV	DWG	SCOTT-REG-2	JNGIT	DD							Y

Rows 1 to 1 of 1   Page 1   500 rows per page

Select to query for results

August 2020 16

## Global Changes – Part and Part Revision Objects (cont.)

Perm: [Pend] Sets Working List Queue Tools: [ORS] Help

Document Query [NONKESC] Training Server

Rows 1 to 1 of 1 Toggle +/-

Row	Detail	Plot	Drawing Number	CAGE	Doc Type	Rev Type	Chg Type	High Rev	Dwg Rev	In Set	Has Part	Dist Stmt	Sec For	Nuc	Sub Safe	High Rights	Max Size	File Ext	Has NIOF	Image Count	Source Site	Ctrl Code	Record Date	Field Template	
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SCOTT-REG-2	JNGIT	DD	SUBREV	DR	C	C	Y	N	Y	A	N	N	N	U	A	C+	N	2	MCLEAN	MCLEAN	27-MAY-2020-08:47:17	

Image List Attributes MSS Fields Relationships Move BulkEdit PI NI PD NO PA NA

DWG SCOTT-REG-2 CAGE JNGIT DocType DO Rev c

Rows 1 to 2 of 2

Row	Active	View	Plot	TOC	Sheet Number	Number Sheets	Frame Number	Number Frames	Sheet Rev	Rights	QA Status	Size	Sub Sheet	File Ext	ET Num	Source Site	File Size	Last ODMs Date
1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0001	0001	0001	0001	C	U	P	A		C4	1	MCLEAN	0.68 KB	02-SEP-2016-12:12:01
2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0001	0001	0001	0001	C	U	P	A		PDF	49996	MCLEAN	1.51 KB	10-AUG-2019-10:55:07

August 2020
17

## Global Changes – Part and Part Revision Objects (cont.)

Relationship Query

Identifier: DWG Dwg Num: SCOTT-REG-2 CAGE: JNGIT DocType: DD Revision: %

Object Type(s):

DWG  DWGREV  PART  PARTREV  WSC  TDB  DCS  RDS  ACCREV  PENDING

Relationship Type(s):


Parent  Child  Related To  Supersedes  Superseded by  Modifies  Modified by  Equivalent to  Replaces  Replaced by

Query Clear Cancel

Relationship Query Results Total Relationship Rows: 1

Det Objects	Source	Object	Relationship	Identifier	CAGE	Doc Type	Revision	Title/Desc
related To			Related To					
related To	PARTREV	SCOTT-REG-2	Related To	SCOTTPART1	JNGIT			Scott Training Part
related To	WSC	TEST2	Related To	TEST2				
related To	WSC	DWG	Related To	SCOTT-PDF1	JNGIT	DD	%	
related To	WSC	DWG	Related To	SCOTT-8-21-19	12345		%	
related To	WSC	DWG	Related To	TEST-139FILETYPE	LOCAL		%	
related To	PENDING	WSC	Related To	SCOTT-REG-1	JNGIT	DD	B	Test Drawing for Regression Test where Title
related To	PENDING	WSC	Related To	SCOTT-REG-1	JNGIT	DD	B	Test Drawing for Regression Test where Title
related To	PENDING	WSC	Related To	SCOTT-REG-1	JNGIT	DD	B	Test Drawing for Regression Test where Title
related To	PENDING	WSC	Related To	SCOTT-REG-1	JNGIT	DD	B	Test Drawing for Regression Test where Title
related To	PENDING	WSC	Related To	SCOTT-REG-1	JNGIT	DD	B	Test Drawing for Regression Test where Title
related To	PENDING	WSC	Related To	SCOTT-TEST2	JNGIT	A		scott test.dwg
related To	PENDING	WSC	Related To	SCOTT-8-21-19	12345	C		Scott for Training
related To	PENDING	WSC	Related To	TEST-139FILETYPE	LOCAL	E		GOVERNMENT FURNISHED PART
related To	PENDING	WSC	Related To	TEST-139FILETYPE	LOCAL	E		GOVERNMENT FURNISHED PART
modified by			Modified by					
Equivalent to			Equivalent to					

August 2020
18



## Global Changes – Part and Part Revision Objects (cont.)

52	<input checked="" type="radio"/>	52	Y	Part History Report - Part	Part History Report, TXT	Report	USER
53	<input type="radio"/>	53	Y	WSC History Report - WSC	WSC History Report, TXT	Report	USER
54	<input type="radio"/>	54	Y	Permanent Security Profile Update - File	Permanent Security Profile Update, TXT	Update	USER
55	<input type="radio"/>	55	Y	Permanent Verification Check - File	Permanent Verification Check, TXT	Report	USER
56	<input type="radio"/>	56	Y	Pending Verification Check - File	Pending Verification Check, TXT	Report	USER
57	<input type="radio"/>	57	Y	ECO Update Report - Date	ECO Update Report, TXT	Report	USER
58	<input type="radio"/>	58	N	On Demand Marked /PDF (MCLB) - File	Permanent On Demand Creation Of Marked /PDF (MCLB), to pending, TXT	Import/Export	USER

**Part History Report - Part**

ORS Options

Max Items: unlimited    Multiple Retrievals:     Priority: 5    Result Permission: Private

To generate an Action request, enter values for the following prompts and press Submit.

Part Identifier:  Required, Wildcards No

Part CAGE:  Optional, Wildcards No

CAGE: NULL?  Required


Revision:  Optional, Wildcards No

Revision: NULL?  Required

Owner:  Optional, Wildcards No

Earliest Date:  Optional, Wildcards No

August 2020
19



## Global Changes – Part and Part Revision Objects (cont.)

net\_part-4122-9579-20200813144611 (1)log - Notepad

File Edit Format View Help

Part Id: SCOTTPART1 CAGE: JNGIT Revision Date: - Owner: NONKESC Earliest: -

**PART Changes:**

PART Id: SCOTTPART1 CAGE: JNGIT

Action	Date	User	Field	From	To
Insert	13-AUG-2020:13:49:54	NONKESC			

**PART Template Changes:**

**PARTREV Changes:**

PART Id: SCOTTPART1 CAGE: JNGIT Rev:

Action	Date	User	Field	From	To
Insert	13-AUG-2020:13:49:54	NONKESC			

**PARTREV Relationship Changes:**

PART Id: SCOTTPART1 CAGE: JNGIT Rev:

Action	Date	User	Object Id
Insert	13-AUG-2020:14:33:19	NONKESC	IRLTD DWG SCOTT-REG-2 JNGIT DD

**PARTREV Field Changes:**

Completed: 13-AUG-2020:14:46:13

August 2020
20

### Global Changes – Part and Part Revision Objects (cont.)

The screenshot displays the 'Part Query' application window. The main area is divided into a search criteria section on the left and a results table on the right. The search criteria include fields for Part Number, Part CAGE, Part Revision, Order, and Description. The results table shows a single entry for 'SCOTTPART1' with a description of 'Scott Training Part'. The interface also includes a 'Part Properties' panel on the right side with various fields and a 'Part Field Templates' panel at the bottom.

Part Number	Part CAGE	Revision	Highest	Order	Description
SCOTTPART1	JNGJT			SUBREV	Scott Training Part

August 2020 21

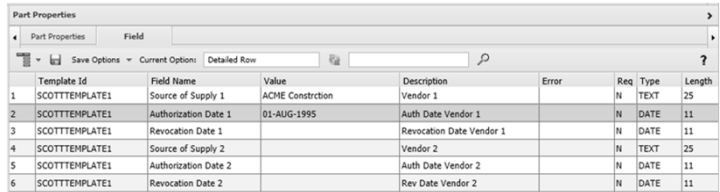
### Global Changes – Part and Part Revision Objects (cont.)

The screenshot displays the 'PART Field Template Query' application window. The main area is divided into a search criteria section on the left and a results table on the right. The search criteria include fields for Field Template ID and Description. The results table shows a single entry for 'SCOTTTEMPLATE1' with a description of 'Training Template'. The interface also includes a 'PART Template Query Results' panel on the right side.

Field Template ID	Description
SCOTTTEMPLATE1	Training Template

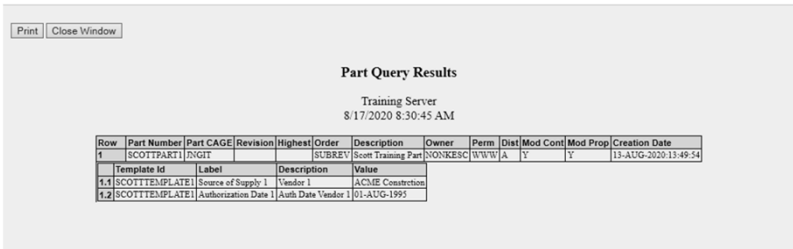
August 2020 22

## Global Changes – Part and Part Revision Objects (cont.)




August 2020
23

## Global Changes – Part and Part Revision Objects (cont.)




August 2020
24



## Global Changes – WSC Object

- ❖ Adds WSC Object
  - Defined by WSC ID
- ❖ Existing WSC data will be converted into a WSC object with a 'Related To' link to the associated Drawing(s) and/or RDS(s).
- ❖ Adds a Part/WSC Field Template
- ❖ Functional Access permissions associated with WSC Object
  - Read
  - Write (*includes ability to Modify / Insert / Delete*)

August 2020
25



## Global Changes – WSC Object (cont.)



August 2020
26

### Global Changes – WSC Object (cont.)

The screenshot shows the WSC Query interface with the following details:

- WSC Query** section: WSC Identifier and Description fields are empty. Return Size is set to 25.
- WSC Properties** section: WSC Identifier is SCOTTWSC1 and Description is Scott WSC for Training.
- WSC Query Results** section: A table with columns WSC and Description. The status below the table reads "No Records Found".
- WSC Field Templates** section: A table with columns Template Id and Description. The status below the table reads "No Records Found".

August 2020 27

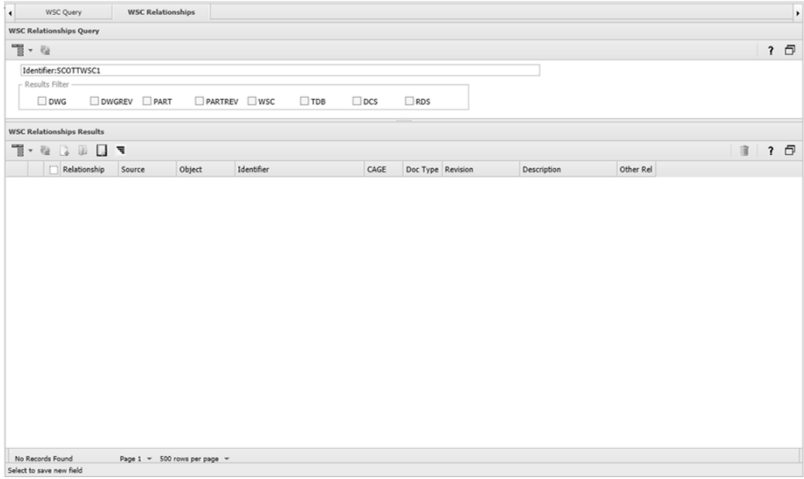
### Global Changes – WSC Object (cont.)

The screenshot shows the WSC Query interface with the following details:

- WSC Query** section: WSC Identifier is SCOTTWSC1 and Description is Scott WSC for Training. Return Size is set to 25.
- WSC Query Results** section: A table with columns WSC and Description. It contains one record: SCOTTWSC1 | Scott WSC for Training.

August 2020 28

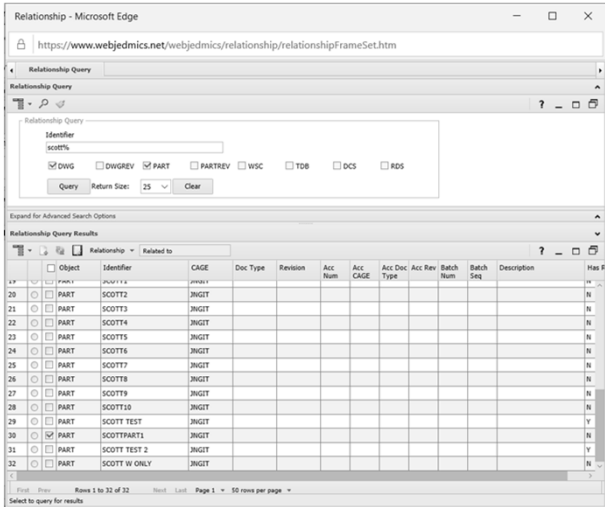
### Global Changes – WSC Object (cont.)



The screenshot shows a web application window titled "WSC Relationships". The "WSC Relationships Query" section has an "Identifier" field containing "SCOTTWSC1" and a "Results Filter" section with checkboxes for DWG, DWGREV, PART, PARTREV, WSC, TDB, DCS, and RDS. The "WSC Relationships Results" section shows an empty table with columns: Relationship, Source, Object, Identifier, CAGE, Doc Type, Revision, Description, and Other Rel. The status bar at the bottom indicates "No Records Found" and "Page 1 - 500 rows per page".

August 2020 29

### Global Changes – WSC Object (cont.)




The screenshot shows the same web application window, but now displaying a table of results. The "Identifier" field contains "scott%". The "Results Filter" section has "PART" checked. The table below has columns: Object, Identifier, CAGE, Doc Type, Revision, Acc Num, Acc CAGE, Acc Type, Acc Rev, Batch Num, Batch Seq, Description, and Has F. The table contains 12 rows of data.

Object	Identifier	CAGE	Doc Type	Revision	Acc Num	Acc CAGE	Acc Type	Acc Rev	Batch Num	Batch Seq	Description	Has F
PART	SCOTT2	JNGT										N
PART	SCOTT3	JNGT										N
PART	SCOTT4	JNGT										N
PART	SCOTT5	JNGT										N
PART	SCOTT6	JNGT										N
PART	SCOTT7	JNGT										N
PART	SCOTT8	JNGT										N
PART	SCOTT9	JNGT										N
PART	SCOTT10	JNGT										N
PART	SCOTT TEST	JNGT										Y
PART	SCOTT PART1	JNGT										N
PART	SCOTT TEST 2	JNGT										Y
PART	SCOTT W ONLY	JNGT										N

August 2020 30

## Global Changes – WSC Object (cont.)



The screenshot shows a web application window titled "WSC Relationships". It contains a search form with the identifier "SCOTTWSC1" and several checkboxes for filtering results (DWG, DWGREV, PART, PARTREV, WSC, TDB, DCS, RDS). Below the form is a table of results with columns: Relationship, Source, Object, Identifier, CAGE, Doc Type, Revision, Description, and Other Rel. Two rows are visible, both showing a "Related to" relationship between WSC and DWG/PART objects.

August 2020
31

## Global Changes – WSC Object (cont.)

53	<input checked="" type="radio"/>	53	Y	WSC History Report - WSC	WSC History Report, TXT
54	<input type="radio"/>	54	Y	Permanent Security Profile Update - File	Permanent Security Profile Update, TXT
55	<input type="radio"/>	55	Y	Permanent Verification Check - File	Permanent Verification Check, TXT
56	<input type="radio"/>	56	Y	Pending Verification Check - File	Pending Verification Check, TXT
57	<input type="radio"/>	57	Y	ECO Update Report - Date	ECO Update Report, TXT
58	<input type="radio"/>	58	N	On Demand Marked JPDF (MCLB) - File	Permanent On Demand Creation Of Marked JPDF (MCLB), to pending, TX

**WSC History Report - WSC**

ORS Options


Max Items: unlimited    Multiple Retrievals:     Priority: 5    Result Permission: Private

To generate an Action request, enter values for the following prompts and press Submit.

WSC Identifier:  | WSC Required, Wildcards No

Earliest Date:     Optional, Wildcards No

August 2020
32



## Global Changes – WSC Object (cont.)

WSC Changes:

WSC Id:SCOTTWSC1

Action	Date	User	Field	From	To
Insert	17-AUG-2020:09:09:12	NONKESC			

WSC Relationship Changes:

WSC Id:SCOTTWSC1


Action	Date	User	Object Id
Insert	17-AUG-2020:09:20:07	NONKESC	RLTD DWG SCOTT-REG-2 12345
Insert	17-AUG-2020:09:20:07	NONKESC	RLTD PART SCOTTPART1 JNGIT
Insert	17-AUG-2020:10:04:43	NONKESC	RLTD DWGREV SCOTT-REG-2 JNGIT DD C

WSC Template Changes:

WSC Field Changes:

Completed:18-AUG-2020:07:29:20


August 2020 33



## Global Changes – Object Relationships

- ❖ Adds Support for Establishing Relationships between the following Objects
  - Parts (PART)
  - Part Revisions (PARTREV)
  - Weapon System Code (WSC)
  - Drawing (DWG)
  - Drawing Revision (DWGREV)
  - Accompanying Document Revision (ACCREV)
  - Dynamic Collection Set (DCS)
  - Top Down Breakdown Structure (TDB)
  - Repository Data Set (RDS)
  - Pending Record (PENDIMG)


August 2020 34



## Global Changes – Object Relationships (cont.)

- ❖ Existing Relationship Types
  - Related To
  - Supersedes / Superseded By
  - Modifies / Modified By
  - Equivalent To
- ❖ New Relationship Types
  - Parent / Child
  - Replaces / Replaced By


August 2020 35



## Global Changes – Object Relationships (cont.)

- ❖ Relationship Restrictions
  - RDS objects can only be related to WSC objects.
  - AccDoc Revision objects can only be related to Part Revision objects.
  - Drawing Revision objects in pending (as contrasted to Drawing Revision objects in permanent) can only be related with the following objects:
    - » Part
    - » Part Revision
    - » WSC
    - » Drawing
    - » Drawing Revision

August 2020 36



## Global Changes – Object Relationships (cont.)

SOURCE	TARGET
PART	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	DCS
	TDB
	<b>RDS</b>
	PENDING

SOURCE	TARGET
WSC	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	DCS
	TDB
	RDS
	PENDING


SOURCE	TARGET
DWGREV	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	DCS
	TDB
	<b>RDS</b>
	PENDING

SOURCE	TARGET
PARTREV	PART
	PARTREV
	WSC
	DWG
	DWGREV
	AGGREV
	DCS
	TDB
	<b>RDS</b>
	PENDING

SOURCE	TARGET
DWG	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	DCS
	TDB
	<b>RDS</b>
	PENDING

SOURCE	TARGET
PENDING	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	<b>BGS</b>
	<b>TDB</b>
	<b>RDS</b>
	<b>PENDING</b>

August 2020
37



## Global Changes – Object Relationships (cont.)


SOURCE	TARGET
AGGREV	<b>PART</b>
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	<b>BGS</b>
	<b>TDB</b>
	<b>RDS</b>
	<b>PENDING</b>

SOURCE	TARGET
TDB	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	DCS
	TDB
	<b>RDS</b>
	<b>PENDING</b>

SOURCE	TARGET
RDS	<b>PART</b>
	<b>PARTREV</b>
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	<b>BGS</b>
	<b>TDB</b>
	<b>RDS</b>
	<b>PENDING</b>

SOURCE	TARGET
DCS	PART
	PARTREV
	WSC
	DWG
	DWGREV
	<b>AGGREV</b>
	DCS
	TDB
	<b>RDS</b>
	<b>PENDING</b>

August 2020
38



## Global Changes – Object Relationships (cont.)

Item	Parent	Set	Working List	Queries	Tools	DRS	Help	...													
8	SCOTT DRAWING V19 1	INGIT	HUBREV	DR	B	Y	N	Y	A	N	N	N	N	N	U	A	DOF	Y	1	MCLEAN	11-SEP-2019 09:00:34
9	SCOTT DRAWING V19 14	INGIT	ZZ	DR		Y	N	Y	A	N	N	N	N	N	U	A3	C4	N	1	INGIT	16-APR-2020 09:48:05
10	SCOTT DRAWING V19 14	INGIT	ZZ	DR	B	Y	N	Y	A	N	N	N	N	N	U	A3	C4	N	2	INGIT	16-APR-2020 09:48:18
11	SCOTT DRAWING V19 14	INGIT	ZZ	DR	B	Y	N	Y	A	N	N	N	N	N	U	A3	C4	N	2	INGIT	16-APR-2020 09:48:18
12	SCOTT REG B14	INGIT	DD	HUBREV	DR	C	Y	N	Y	A	N	N	N	N	U	A	C4	N	1	INGIT	18-FEB-2020 10:02:40
13	SCOTT REG B14	INGIT	DD	HUBREV	DR	C	Y	N	Y	A	N	N	N	N	U	A	C4	N	2	MCLEAN	21-MAY-2020 08:47:17
14	SCOTT REG B14	INGIT	DD	HUBREV	DR	C	Y	N	Y	A	N	N	N	N	U	A	C4	N	2	MCLEAN	21-MAY-2020 08:47:17
15	SCOTT REG B14	INGIT	DD	HUBREV	DR	C	Y	N	Y	A	N	N	N	N	U	A	C4	N	2	MCLEAN	18-FEB-2020 10:02:42
16	SCOTT REG B14	INGIT	DD	HUBREV	DR	A	Y	N	Y	A	N	N	N	N	U	A	C4	N	2	MCLEAN	21-MAY-2020 08:47:17
17	SCOTT TEST	INGIT	HPL	HUBREV	DR	A	Y	N	Y	A	N	N	N	N	U	A	C4	N	1	MCLEAN	21-MAY-2020 08:47:17
18	SCOTT-2020	INGIT	SCM	HUBREV	DR	A	Y	N	Y	A	N	N	N	N	U	A	C4	N	1	MCLEAN	13-FEB-2020 10:07:03
19	SCOTT-SUP-DR-1	INGIT	HUBREV	DR	A	Y	N	Y	A	N	N	N	N	N	U	A	C4	N	3	MCLEAN	08-FEB-2020 10:02:40


Image List Attributes MISS Fields Relationships Move BackGrid PI NI PD ND PA NA
Document Query

Rows 1 to 4 of 4
 All Relationships on Delete
Merge Prev Revision

DWG 
  DWGREV 
  PART 
  PARTREV 
  WSC 
  TDB 
  DCS
 
Refresh | Popup Relationships | Create DCS | Traverse Relationships

Row	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Description	Other Rel
1	Related to	DWGREV	DWGREV	SCOTT REG B14	INGIT	DD	A	Drawing for Regression Test Y	Query
2	Related to	DWGREV	DWGREV	SCOTT REG B14	INGIT	DD	B	Drawing for Regression Test Y	Query
3	Related to	DWG	PARTREV	SCOTT PART1	INGIT			Scott Training Part	N
4	Related to	DWG	WSC	TEST2					Y

August 2020
39



## Global Changes – Object Relationships (cont.)

DWGREV Relationships
DWGREV Relationships Query

Identifier: SCOTT-REG-2 CAGE: JNGIT DT: DD Revisions: C


Results Filter

 DWG 
  DWGREV 
  PART 
  PARTREV 
  WSC 
  TDB 
  DCS

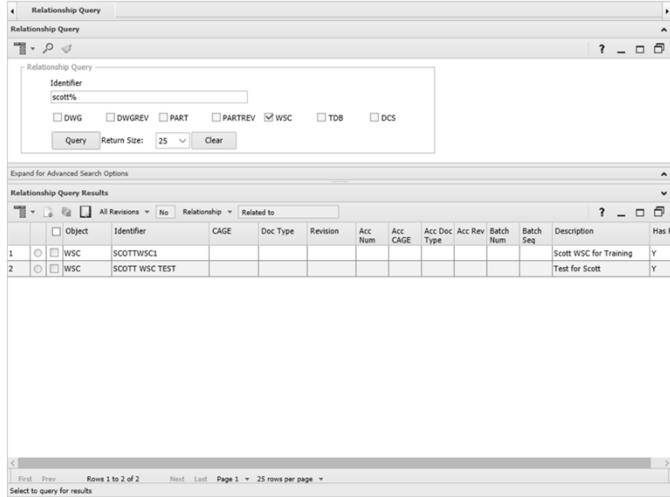
Row	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Description	Other Rel
1	Related to	DWGREV	DWGREV	SCOTT REG B14	INGIT	DD	A	Drawing for Regression Test Y	Query
2	Related to	DWGREV	DWGREV	SCOTT REG B14	INGIT	DD	B	Drawing for Regression Test Y	Query
3	Related to	DWG	PARTREV	SCOTT PART1	INGIT			Scott Training Part	N
4	Related to	DWG	WSC	TEST2					Y

August 2020
40

20




## Global Changes – Object Relationships (cont.)

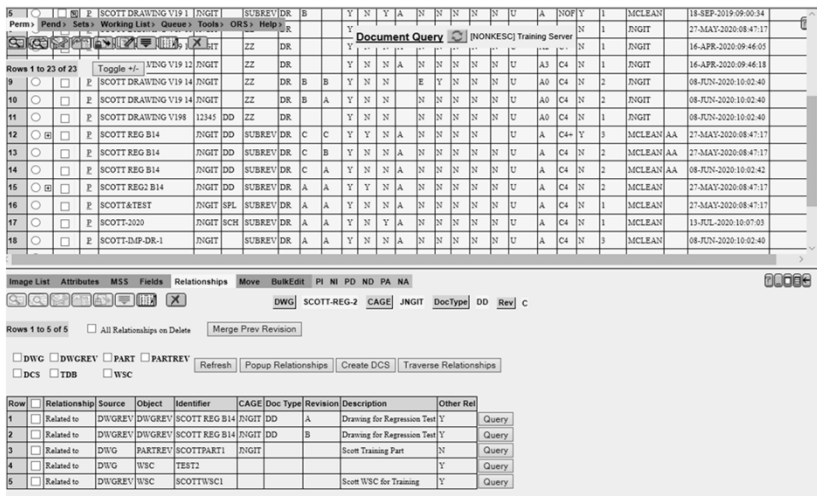


Object	Identifier	CAGE	Doc Type	Revision	Acc Num	Acc CAGE	Acc Doc Type	Acc Rev	Batch Num	Batch Seq	Description	Has R
<input type="checkbox"/>	WSC	SCOTTWSC1									Scott WSC for Training	Y
<input type="checkbox"/>	WSC	SCOTT WSC TEST									Test for Scott	Y

August 2020
41




## Global Changes – Object Relationships (cont.)

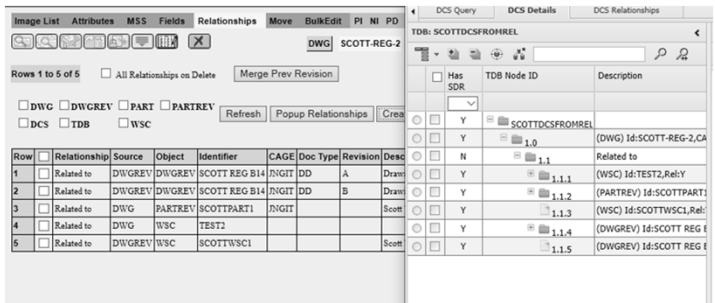


Row	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Description	Other Rel
1	Related to	DWGREV	DWGREV	SCOTT REG B14	NGIT	DD	A	Drawing for Regression Test	Y Query
2	Related to	DWGREV	DWGREV	SCOTT REG B14	NGIT	DD	B	Drawing for Regression Test	Y Query
3	Related to	DWG	PARTREV	SCOTTPART1	NGIT			Scott Training Part	N Query
4	Related to	DWG	WSC	TEST2					Y Query
5	Related to	DWGREV	WSC	SCOTTWSC1				Scott WSC for Training	Y Query

August 2020
42




## Global Changes – Object Relationships (cont.)



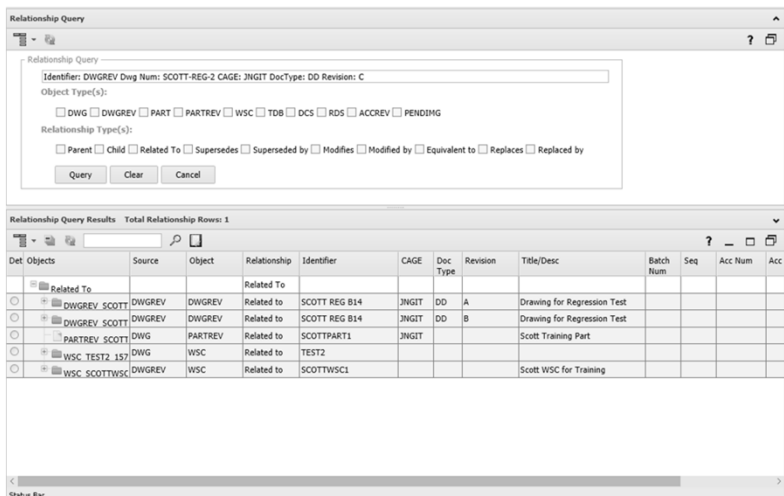
The screenshot displays a software window with a menu bar (Image List, Attributes, MSS, Fields, Relationships, Move, BulkEdit, PI, NI, PD) and a toolbar. Below the toolbar, there are checkboxes for 'All Relationships on Delete' and 'Merge Prev Revision'. A sub-menu is open for 'DWG | SCOTT-REG-2', showing options for DWG, DWGREV, PART, PARTREV, DCS, TDB, and WSC. A table lists relationships between source and object identifiers.

Row	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Desc
1	Related to	DWGREV	DWGREV	SCOTT REG B14	JNGIT	DD	A	Draw
2	Related to	DWGREV	DWGREV	SCOTT REG B14	JNGIT	DD	B	Draw
3	Related to	DWG	PARTREV	SCOTTPART1	JNGIT			Scott
4	Related to	DWG	WSC	TEST2				Scott
5	Related to	DWGREV	WSC	SCOTTWSC1				Scott

August 2020
43



## Global Changes – Object Relationships (cont.)



The screenshot shows a 'Relationship Query' dialog box with search criteria and a 'Relationship Query Results' table. The dialog box includes fields for Identifier, Object Type(s), and Relationship Type(s). The results table lists relationships between DWG and WSC objects.

Det	Objects	Source	Object	Relationship	Identifier	CAGE	Doc Type	Revision	Title/Desc	Batch Num	Seq	Acc Num	Acc
	Related To			Related To									
	DWGREV_SCOTT	DWGREV	DWGREV	Related To	SCOTT REG B14	JNGIT	DD	A	Drawing for Regression Test				
	DWGREV_SCOTT	DWGREV	DWGREV	Related To	SCOTT REG B14	JNGIT	DD	B	Drawing for Regression Test				
	PARTREV_SCOTT	DWG	PARTREV	Related to	SCOTTPART1	JNGIT			Scott Training Part				
	WSC_TEST2_157	DWG	WSC	Related to	TEST2								
	WSC_SCOTTWSC	DWGREV	WSC	Related to	SCOTTWSC1				Scott WSC for Training				

August 2020
44

## Global Changes – Object Relationships (cont.)


Row	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Description	Other Ref
1	Related to	DWGREV	DWGREV	SCOTT REG B14	INGIT	DD	A	Drawing for Regression Test	Y
2	Related to	DWGREV	DWGREV	SCOTT REG B14	INGIT	DD	B	Drawing for Regression Test	Y
3	Related to	DWG	PARTREV	SCOTTPART1	INGIT			Scott Training Part	N
4	Related to	DWG	WSC	TEST2					Y
5	Related to	DWGREV	WSC	SCOTTWSC1				Scott WSC for Training	Y

August 2020
45

## Global Changes – TDB (Top Down Breakdown)

❖ Alters references from WBS (Work Breakdown Structure) to TDB (Top Down Breakdown)


August 2020
46



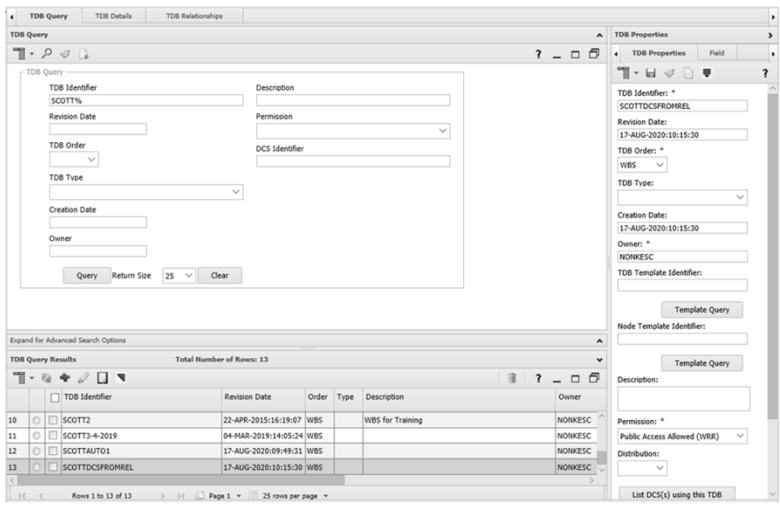
## Global Changes – TDB Type Field

- ❖ To allow a clear indication of the usage of a TDB object, a cross reference table driven field will be added to the TDB object called Type. This new field is descriptive only (i.e. it is not being added as a new key index field for TDB object).
- ❖ Initially, the following values will be available for entry into this field:
  - WBS (Work Breakdown Structure)
  - BOM (Bill of Materials)
  - DL (Data List)
  - TDP (Technical Data Package)
  - TCO (Technical Change Order)
  - ECO (Engineering Change Order)
  - <null>

August 2020
47




## Global Changes – TDB Type Field (cont.)



The screenshot shows the 'TDB Query' window with the 'TDB Type' dropdown menu open. The results table below shows the following data:

TDB Identifier	Revision Date	Order	Type	Description	Owner
SCOTT2	22-APR-2015:16:19:07		WBS	WBS for Training	NOHKESC
SCOTT3-4-2019	04-MAR-2019:14:05:24		WBS		NOHKESC
SCOTTAUTO1	17-AUG-2020:09:49:31		WBS		NOHKESC
SCOTTDCSFROMREL	17-AUG-2020:10:15:30		WBS		NOHKESC


August 2020
48



## Global Changes – TDB Security

- ❖ Alters TDB security model to treat a null Distribution Code value as distinct from an A Distribution Code value


August 2020 49



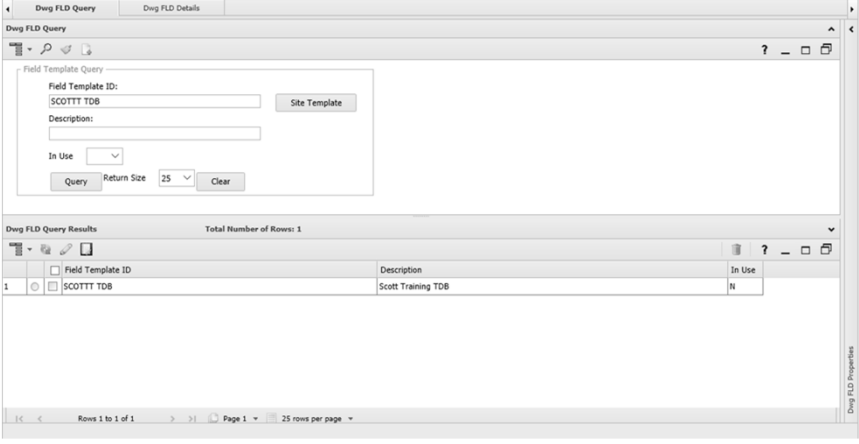
## Global Changes – Multiline Field Template Field Value Entry

- ❖ Adds multiline text input support for a specific Field Template value to allow multiple entries
  - Currently, a Field Template value defined as TEXT will wrap the data for long text entries. However, there is no way to manually enter carriage returns between entries in the value to allow easy distinctions between separate values in a specific Field Template value.
  - A new Field Template type of MULTI will be added. This will allow entry of carriage returns in to the input value and subsequent display

August 2020 50




## Global Changes – Multiline Field Template Field Value Entry (cont.)



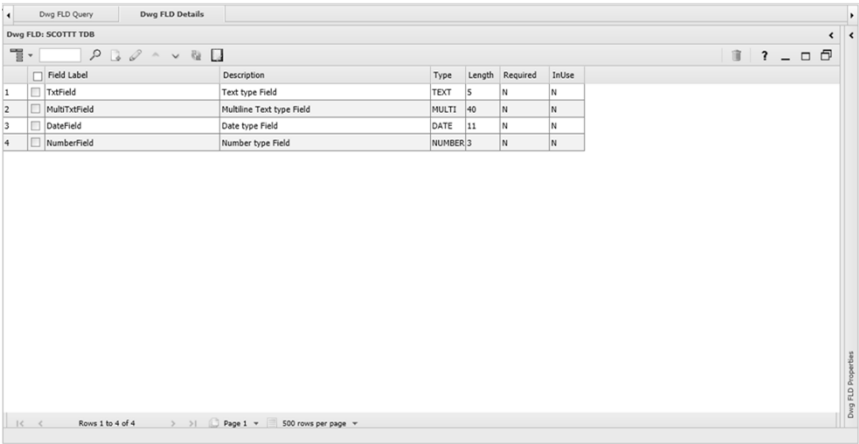
The screenshot shows the 'Dwg FLD Query' window. The 'Field Template ID' is set to 'SCOTT TDB'. The 'Description' is 'Scott Training TDB'. The 'In Use' status is 'N'. The results table below shows one row with the same information.

Field Template ID	Description	In Use
SCOTT TDB	Scott Training TDB	N

August 2020
51



## Global Changes – Multiline Field Template Field Value Entry (cont.)



The screenshot shows the 'Dwg FLD: SCOTT TDB' window. It displays a list of field types with their descriptions, types, lengths, and required/in-use status.

Field Label	Description	Type	Length	Required	InUse
<input type="checkbox"/> TxtField	Text type Field	TEXT	5	N	N
<input type="checkbox"/> MultiTxtField	Multiline Text type Field	MULTI	40	N	N
<input type="checkbox"/> DateField	Date type Field	DATE	11	N	N
<input type="checkbox"/> NumberField	Number type Field	NUMBER	3	N	N

August 2020
52

## Global Changes – Multiline Field Template Field Value Entry (cont.)

The screenshot shows a software interface with a data table at the top and a field value entry form below. The table has columns for various attributes and a 'Value' column. The form below the table is titled 'Field Value Entry' and contains several input fields for different data elements.


Row	Field	Description	Value	Type
1	<Managing Site>	Site organization responsible for the management of this data	<input type="text"/>	TEXT
2	<Effective Date>	Effective date for the data element	DD-MMM-YYYY <input type="text"/>	DATE
3	<FOIA Status>	Has the record been evaluated for FOIA release	<input type="text"/>	TEXT
4	<FOIA tracking ID>	FOIA evaluation package tracking ID	<input type="text"/>	TEXT
5	<ODA>	Original Design Authority	<input type="text"/>	TEXT
6	<CDA>	Current Design Authority	<input type="text"/>	TEXT
7	TextField	Text type Field	<input type="text"/>	TEXT
8	MultiTextField	Multiline Text type Field	Line 1 Line 2	MULTI
9	DateField	Date type Field	DD-MMM-YYYY <input type="text"/>	DATE

August 2020
53

## Global Changes – New File Type

- ❖ Adds new File Type of DEL to Allow User to Specifically Leave a Placeholder for a Deleted Sheet (which will keep Drawing Book Algorithm from Picking up a Previous Revision of the Sheet).
- ❖ New File Type will not have an Associated Image File.

August 2020
54




## Global Changes – New File Type

### Example: From Revision C to D Sheet 2 was Deleted

- ❖ **DWG 123 Revision C**
  - Sheet 1 Rev C
  - Sheet 2 Rev C
  - Sheet 3 Rev B
- ❖ **DWG 123 Revision D**
  - Sheet 1 Rev D
  - Sheet 2 (deleted)
  - Sheet 3 Rev B
- ❖ **JEDMICS Drawing Book (Rev D)      With new DEL file Type**
  - Sheet 1 Rev D
  - Sheet 2 Rev C
  - Sheet 3 Rev B
  - Sheet 1 Rev D
  - Sheet 2 Rev D (DEL)
  - Sheet 3 Rev B


August 2020 55



## Global Changes – Dropped Functionality

- ❖ Removes support for DLF format output via BOS or EXP.
- ❖ Drops support for RDS tags in the RST File Generated During Output Operations. The Images from the RDS can still be Output but the RDS Structure can not.

August 2020 56



## WebJPC – Permanent

- ❖ Adds a new generic query / results screen which allows a query for Drawings, Parts, TDB, and DCS objects.

August 2020

58

**WebJPC – Permanent (cont.)**

The screenshot shows the 'All Object Query' window. The 'Identifier' field is empty. The 'Query' button is visible. Below the search options, the 'All Object Query Results' table is empty.

August 2020 59

**WebJPC – Permanent (cont.)**

The screenshot shows the 'All Object Query' window with 'scott' entered in the 'Identifier' field. The 'Query' button is visible. Below the search options, the 'All Object Query Results' table displays 11 rows of data.

	Object	Identifier	CAGE	Doc Type	Revision	Acc Num	Acc CAGE	Acc Doc Type	Acc Rev	Batch Num	Batch Seq	Description	Has Rel
1	ACCREV	SCOTT REG B14	JNGIT	DD	C	SCOTT R	JNGIT	PL	-			Test drawing 250 sheets	N
2	ACCREV	SCOTT REG2 B14	JNGIT	DD	A	SCOTT R	JNGIT	WD				Test Drawing 2	N
3	ACCREV	SCOTT DRAWING V19 1	JNGIT		B	SCOTT I	JNGIT	EO				Test Drawing Scott	N
4	DCS	SCOTT			11-SEP-2019								N
5	DCS	SCOTT			22-APR-2015							DCS for Training	N
6	DCS	SCOTT2			22-APR-2015								N
7	DCS	SCOTT BIKE			05-MAR-2020								N
8	DCS	SCOTT DAVE			11-DEC-2018							Test Input File	N
9	DCS	SCOTT DCS1			06-DEC-2017								N
10	DCS	SCOTT DCS2			06-DEC-2017								N
11	DCS	SCOTT DCS3			06-DEC-2017							test	N

First Prev Rows 1 to 25 of 178 Next Last Page 1 of 25 rows per page

August 2020 60



**WebJPC – Permanent (cont.)**

All Object Relationships Query

Identifier: SCOTT-REG-2 CAGE: JNGIT DocType: DD Revision:

Results Filter

DWG  DWGREV  PART  PARTREV  WSC  TDB  DCS

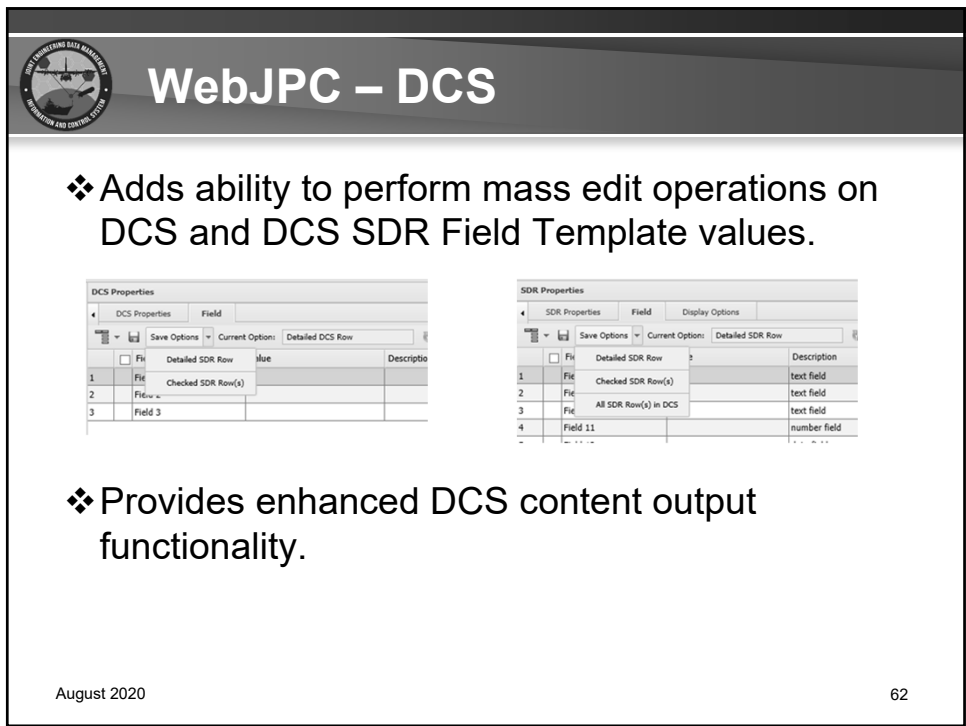
All Object Relationships Results

	Relationship	Source	Object	Identifier	CAGE	Doc Type	Revision	Acc Num	Acc CAGE	Acc Doc Type	Acc Rev	Batch Num	Batch Seq	Description	Ha
1	Related to	DWG	PARTREV	SCOTTPART1	JNGIT									Scott Training Part	N
2	Related to	DWG	WSC	TEST2											Y

Rows 1 to 2 of 2 Page 1 - 500 rows per page

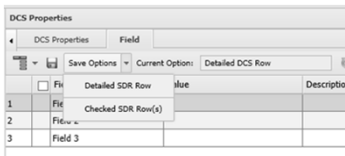
Object Identifier

August 2020 61



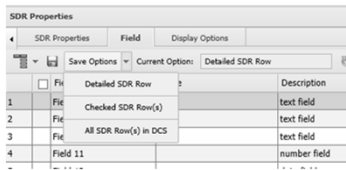
**WebJPC – DCS**

- ❖ Adds ability to perform mass edit operations on DCS and DCS SDR Field Template values.



DCS Properties

	Field	Detailed SDR Row	Description
1	Field 1	Checked SDR Row(s)	
2	Field 2		
3	Field 3		



SDR Properties

	Field	Detailed SDR Row	Description
1	Field 1	Checked SDR Row(s)	text field
2	Field 2		text field
3	Field 3	All SDR Row(s) in DCS	text field
4	Field 11		number field

- ❖ Provides enhanced DCS content output functionality.

August 2020 62

## WebJPC – DCS (cont.)

DCS Query
DCS Details
DCS Relationships

DCS Identifier:

Revision Date:

Creation Date:

Owner:

Description:

SDR Drawing Number:

SDR Description:

All SDR Fields:

TDB Identifier:

TDB Type:

Expanded for Advanced Search Options

DCS Query Results: Total Number of Rows: 24

DCS Identifier	Rev Date	Description	TDB Identifier	Owner	Perm	Det	Rev Opt	AccRev Opt	Mod Cont	Mod Prop	Create Date
<input type="checkbox"/> SCOTT FOR DAIVE	19-DEC-2018:11:47:26			NONWESC	W-		Specified	All	Y	Y	19-DEC-2018:11:47:26
<input type="checkbox"/> SCOTT RAVE	09-MAR-2020:16:06:43			NONWESC	W-		Highest	Highest	Y	Y	09-MAR-2020:16:06:43
<input type="checkbox"/> SCOTT REG FLAT B14	29-AUG-2017:14:04:46			NONWESC	W-		Highest	Highest	Y	Y	29-AUG-2017:14:04:46
<input type="checkbox"/> SCOTT REG STRUCT B14	29-AUG-2017:13:57:44	Structured DCS for test	SCOTT REG B14	NONWESC	WRR		Highest	Highest	Y	Y	29-AUG-2017:13:57:44
<input type="checkbox"/> SCOTT REG2 B14	29-AUG-2017:14:55:59			NONWESC	W-		Specified	None	Y	Y	29-AUG-2017:14:55:59
<input type="checkbox"/> SCOTT TEST 2	18-SEP-2019:13:40:51		SCOTT TEST 2	NONWESC	W-		Specified	All	Y	Y	18-SEP-2019:13:40:51
<input type="checkbox"/> SCOTT TRAINING DCS	28-MAR-2019:11:39:26		SCOTT TRAINING WBS	NONWESC	W-		Specified	All	Y	Y	28-MAR-2019:11:39:26
<input type="checkbox"/> SCOTT-2020-DCS	07-JUL-2020:09:38:47		SCOTT-2020-DCS	NONWESC	WRR		Specified	All	Y	Y	07-JUL-2020:09:38:47
<input type="checkbox"/> SCOTT-2020-DCS2	07-JUL-2020:09:40:49		SCOTT-2020-DCS2	NONWESC	WRR		Specified	All	Y	Y	07-JUL-2020:09:40:49
<input type="checkbox"/> SCOTT2	22-APR-2015:16:46:52		SCOTT2	NONWESC	W-		Highest	Highest	Y	Y	22-APR-2015:16:46:52
<input type="checkbox"/> SCOTTAUTO1	17-AUG-2020:09:49:31		SCOTTAUTO1	NONWESC	WRR		Specified	All	Y	Y	17-AUG-2020:09:49:31
<input checked="" type="checkbox"/> SCOTTDCSFRHREL	17-AUG-2020:10:15:30		SCOTTDCSFRHREL	NONWESC	WRR		Specified	All	Y	Y	17-AUG-2020:10:15:30

Rows 1 to 24 of 24    Next    Last    Page 1 of 1    25 rows per page

August 2020
63

## WebJPC – DCS (cont.)

DCS Query
DCS Details
DCS Relationships

TDB ID:

Rev Date:

Total Number of Rows: 16

DCS Identifier:

Description:

DCS Identifier	TDB Node ID	Description	TDB Node Type	Description	Dwg #/ID	CAGE	Disc	Rev	Acc Num
<input type="checkbox"/>	1		WSC		TEST2				
<input type="checkbox"/>	2		DWG		TEST 1	53711	[Null]	0	
<input type="checkbox"/>	3		WSC		TEST1				
<input type="checkbox"/>	4		DWG		TEST	55915	[Null]	[Null]	
<input type="checkbox"/>	5		WSC		LMCI				
<input type="checkbox"/>	6		DWG		TEST-139FLETYPE		LOCAL	[Null]	%
<input type="checkbox"/>	7		WSC		TEST1				
<input type="checkbox"/>	8		WSC		TS-3-H				
<input type="checkbox"/>	9		DWG		SCOTT-POP1		JNGIT	DD	%
<input type="checkbox"/>	10		WSC		TEST1				
<input type="checkbox"/>	11		WSC		TESTWSC2				
<input type="checkbox"/>	12		WSC		RT-1159/A				
<input type="checkbox"/>	13		DWG		SCOTT-REG-2		JNGIT	DD	%
<input type="checkbox"/>	14		PART		SCOTTPART1		JNGIT	[Null]	[Null]
<input type="checkbox"/>	15		DWG		SCOTT 8-21-19	12345	[Null]	%	
<input type="checkbox"/>	16		WSC		TESTWSC2				

Rows 1 to 16 of 16    Next    Last    Page 1 of 1    25 rows per page

August 2020
64

32

## WebJPC – DCS (cont.)


August 2020 65

## WebJPC – DCS (cont.)

```
Report: 11-08-2020 11:00:00
Report Only: 0, Exception Report: N, Output: RST, Filetype: 0
Report Date: 11-08-2020 11:00:00
Report File: 11-08-2020 11:00:00
Report Path: 11-08-2020 11:00:00
Report Type: 0, Exception Report: N, Output: RST, Filetype: 0
Report Date: 11-08-2020 11:00:00
Report File: 11-08-2020 11:00:00
Report Path: 11-08-2020 11:00:00
Report Type: 0
```

Message No.	Message Date	Description	Priority No.	Type/Output	WSC	OR	ORP	ORP/WSR
11-08-2020 11:00:00	11-08-2020 11:00:00		11-08-2020 11:00:00					

August 2020 66



## WebJPC – TDB

❖ Adds ability to perform mass edit operations on TDB and TDB Node Field Template values.

**TDB Properties**

TDB Properties | Field

Save Options | Current Option: Detailed TDB

	FK	Detailed TDB	Value
1	FK	Checked TDB(s)	
2		Field 2	
3		Field 3	

**TDB Node Properties**

Node Properties | Field | Display

Save Options | Current Option: TDB Detailed Node

	FK	TDB Detailed Node	Descri
1	Qu	TDB Detailed Node/Children	Part Qua
2	da	TDB Checked Nodes	20 verified
3	qu	TDB Checked Nodes/Children	reason

TDB All Nodes


August 2020

67

# ORS




The logo is circular with a black border. Inside, there's a stylized illustration of a satellite in orbit above a globe, with a ship and a plane below. The text 'JOINT ENGINEERING DATA MANAGEMENT' is written along the top inner edge, and 'INFORMATION AND CONTROL SYSTEM' is written along the bottom inner edge.



## ORS

- ❖ Alters Bulk Export / ORS output operations to group output images in a minimal set of subdirectories.
- ❖ Extends the Drawing Revision exception reporting capability provided by ORS to include a completeness check.
- ❖ Alters ORS Action 50 output report to refer to rows not processed by design as SKIPPED rather than INVALID.

August 2020 69



## ORS

- ❖ Corrects issue where ORS Action 50 will not capture an input RST line that is too long for the buffer.
- ❖ Corrects issue with ORS Action 5 with Single Directory set on and Use Original Filename set on produces redundant output files.
- ❖ Creates ORS Action 55 to check Drawing Revision sheet completeness (perm).
- ❖ Creates ORS Action 56 to check Drawing Revision sheet completeness (pend).

August 2020 70



## ORS

- ❖ Creates ORS Action 54 to perform bulk updates of permanent Drawing Revision or AccDoc security profiles.
- ❖ Corrects issue with ORS Action 36 and AccDoc SDR rows.
- ❖ Creates ORS Action 57 to report Engineering Change Notice creation activity.

August 2020

71