

# 5. Reports

## NEW REPORTS:

- The **Drawing\_Revision\_History.rpt** report has been modified to show previous revisions to drawings as well as the current revision.

Drawing Name	Rev	Date	Description	Rev	Date	Description	Rev	Date	Description
B.1	A	7/02/2011	note added						
B.2	B	7/02/2011	DIMENSION ADDED	A	7/02/2011	note added			
B.3	C	8/02/2011	NOTE REMOVED	B	7/02/2011	DIMENSION ADDED	A	7/02/2011	note added


- We have added a **Drawing\_ID\_list.rpt** report to all 3 roles.

```

TEKLA STRUCTURES DRAWING LIST F                               Date: 08.02.2011 Page: 1
TITLE:                                                         Time: 16:33:44

A- =ASSEMBLY DR'G      W- =WORKSHOP(SINGLE PART)DR'G      G- =GENERAL(G.A)DR'G
-----
DR'G NAME/No.  DRG'TITLE  DRG'SIZE (h*b)  CREATED  PLOTTED  PLOTFILE
-----
A  [B.1]      BEAM           287*410      1297123200  D00000001137.dg
-----
A  [B.2]      BEAM           287*410      1297123200  D00000001115.dg
-----
A  [B.3]      BEAM           287*410      1297123200  D00000001095.dg
-----
W  [M.1]      BEAM           200*287      1297123200  D00000001213.dg
-----
W  [M.2]      BEAM           200*287      1297123200  D00000001194.dg
-----
W  [M.3]      BEAM           200*287      1297123200  D00000001175.dg
-----
W  [p.1]      PLATE          200*287      1297123200  D00000001156.dg
-----
    
```

- We have added a bar code report named **Material-PieceTag.html.rpt** to list out the assemblies with their corresponding bar code tags.

Tekla Structures Bar Code		Date: 08.02.2011	
Project: Project Name		Time: 16:56:59	
<b>ProjNum</b>	<b>Assembly</b>	<b>Phase</b>	<b>Weight</b>
100	B/1	1	207
			
1 0 0 - B / 1 - 1 - 2 0 7			



**MODIFIED REPORTS:**

- We have updated the **Part\_holes.rpt** to not display parts without holes.
- We have fixed the **Assembly\_List.rpt** which now replaces the old Assembly\_List.rpt and the MultiAssemblyList.rpt. It now displays in the same way as it used to, but also shows Sub-Assemblies. The MultiAssemblyList.rpt has now been removed.

```

-----
Tekla Structures Assembly List for contract No.: 100      Page: 1
Project:Project Name                                   Date: 09.02.2011
-----
Assembly mark      Qty      Profile                Area (m2)      Weight (kg)
-----
B/1                1       UB360*51              15.1           562.6
  1 x Subassembly B/6                UB360*51           177.8 kg
  1 x Subassembly B/7                UB360*51           177.8 kg
B/4                1       UB360*51              2.0           76.2
B/5                1       UB360*51              6.8           253.9
C/1                1       UC310*97              8.5           462.4
C/2                1       UC310*97              9.8           535.4
-----
                        Total for 5 assemblies:      42.3           1890.4
-----

```

- We have removed the OM1\_Transmittal\_TE3-2.rpt from the Steel and Engineering report folders and copied in the **OM1\_Transmittal\_TE3-3.rpt** from the concrete role into these other 2 so all have the latest version 3-3.
- We have modified the **Excel\_part\_list.rpt** to change the WEIGHT\_NET to WEIGHT to match the part list reports etc.
- The **Go-data** reports have been updated to work better following user feedback.
- The **Drawing\_Creation\_Check.rpt** has been updated to be more streamlined and look more presentable. This will show those members that do not have drawings created for them.

```

-----
Tekla Structures Drawing Creation Check                Page: 1
Listed below are Parts & Assemblies that do not have drawings created yet
-----
Drawing Type      Mark      Part Name      Profile
-----
Assembly Dwg      B/5       BEAM           UB360*51      Id: 1397
Assembly Dwg      B/6       BEAM           UB360*51      Id: 393
Assembly Dwg      B/7       BEAM           UB360*51      Id: 682
Single Part Dwg   M/4       BEAM           UB360*51      Id: 1390
Single Part Dwg   M/6       COLUMN         UC310*97      Id: 1354
-----

```

### MODIFIED TEMPLATES:

- We have added a line to the DXK\_SYMBOLPATH to include the FIRM folder in the search path. This means that the user can put images (jpg, png etc.) into the "Customised\_Files" folder and use them in drawing templates.

```
set XS_FIRM=C:\TEKLA\Structures\Customised_Files\
set DXK_SYMBOLPATH=%XSDATADIR%\environments\common\symbols\;%XS_DIR%\nt\TplEd\bitmaps\;%XS_FIRM%\
rem * Additional directory for templates
```

- The **Assembly\_Call\_Off.tpl** will now include the camber information and the preliminary mark information but only if data is put into these particular attributes. Left blank the assembly call off template will look the same.

**1 BEAM[S] REQ'D AS DRAWN MK B/5**  
 Camber = 20 mm  
 Preliminary Mark = CB1

- We have added an **Assembly\_Stud\_List.tpl** to the assembly.lay file. This will show up only if there are studs added to the assembly. It also has colour now and not black and white which it used to be so it now fits well with the rest of the drawing.

TEKLA STRUCTURES STUD LIST FOR ASSEMBLY								No. 0	
Name	Qty	Site/ Workshop	Grade	Stud		Head		kg/one	kg/all
				len.	diam.	thick.	diam.		
B/5	1								
STUDM20*10	10	Site	STUD	100	20	13	35	0.46	4.6

- The **PC-cast-unit-info.tpl** info has been updated. The width and thickness fields have been corrected (they were previously the other way around) and "tonne" added to the weight field.

<b>NOTES:</b>			
1. General notes for cast unit fabrication.			
2.			
3.			
LENGTH (mm)	3000	VOLUME (m <sup>3</sup> )	2.10
THICKNESS (mm)	200.00	AREA NET (m <sup>2</sup> )	10.50
HEIGHT/WIDTH (mm)	3000.2	AREA GROSS (m <sup>2</sup> )	10.50
WEIGHT (tonne)	5.25	GRADE (N/mm <sup>2</sup> )	N40
FINISH			
TOTAL NUMBER REQD. - 1		MARKED A/1	

- The **Erection\_Bolt\_List.rpt** has been improved. It now won't list assemblies without bolts.
- The **Workshop\_part\_list.tpl** was corrected so that the revision field now works. Previously the revision mark was not appearing.