



# CSD 8.1 Release Notes

## Create new part in database from a generic part

You can now create a new part in the database from a generic item, with the same specifications. This is useful if you want to attach a part to a specific part number. Press the "Create New Part From This Data" button and give the part a part number.

**Item Properties**

Item Data | Control Line | Ins. Equip. | R.A. Tag | Clamp | Bandit

Description: 7" 29# Vam Top Pup Joint

Length: 2.560 m | Tag Joint number: 0

Manufacturer: - ? - | Stinger length: m

Supplier: - ? - | Fixed depth: m

CSD Scale OD: 7.000 inch | Symbol: Pup Joint - generic item

Nom. weight: 29.00 lb/ft | Matl. spec.: L-80

Length (joint): m | Serial Number:

Max. OD: 7.680 inch | Threads: Vam Top B X P

Min. ID: 6.184 inch | Threads OD Top: 7 inch

Drift ID: 6.059 inch | Threads OD Bottom: 7 inch

Comment:

Buttons: Detach | Attach To Part | Create New Part From This Data | OK | Cancel | Help

### Attach/Change a generic part to an existing part in the database

It is now possible to attach or change a generic part with an existing part from the part database. Press the "Attach To Part" button and choose part from the database.

The screenshot shows the 'Item Properties' dialog box with the following fields and values:

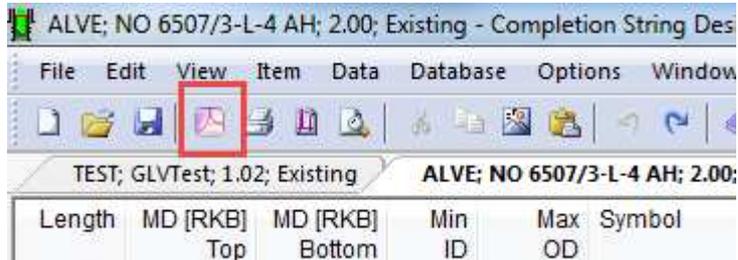
Field	Value	Unit
Description	7" 29# Vam Top Pup Joint	
Length	2.560	m
Manufacturer	- ? -	
Supplier	- ? -	
CSD Scale OD	7.000	inch
Nom. weight	29.00	lb/ft
Length (joint)		m
Max. OD	7.680	inch
Min. ID	6.184	inch
Drift ID	6.059	inch
Tag Joint number	0	
Stinger length		m
Fixed depth		m
Symbol	Pup Joint - generic item	
Matl. spec.	L-80	
Serial Number		
Threads	Vam Top B X P	
Threads OD Top	7	inch
Threads OD Bottom	7	inch

Buttons at the bottom: Detach, Attach To Part, Create New Part From This Data, OK, Cancel, Help.

## Built in PDF Printer

CSD now has a built in PDF printer, making it easier to print the schematics to PDF, as you no longer need to install a third party PDF printer.

Simply press the PDF icon or Ctrl+F8, and a PDF will be created of the view you are in. This can be the Schematic, Well path or Sketch view. This also works from terminal server.



## Well Data Explorer

The User interface has been improved with easy access to well data in the Well data explorer.

The screenshot shows the 'Well Data Explorer' window with the 'Well & Completion Data' dropdown menu open. The 'Main wellbore' is selected in the tree view. The Properties panel below shows the following data:

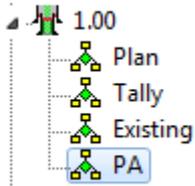
Property	Value
Wellbore	Main wellbore
RKB-TBGH [m]	31.484 m
RKB-MSL [m]	74.200 m
RKB-Skid Deck [m]	
PBTD [m]	5001.160 m
TD [m]	5021.000 m
Fill (Top) [m]	
Max Deviation	
Degree [Deg]	83.7 Deg
MD [m]	3604.740 m
Max Dogleg	
Degree [Deg]	4.7 Deg
MD [m]	1610.000 m
Avg. Angle through Pay	
Degree [Deg]	60.0 Deg
Completion Info	
Rig	Heidrun
Status	Water Injector

The screenshot shows the 'Well Data Explorer' window with the 'Casing' dropdown menu open. The 'Well Hole' is selected in the dropdown. The Properties panel below shows the following data:

Property	Value
Size [inch]	30.000 inch
MD Top [m]	412.900 m
MD Bottom [m]	518.700 m
TVD Top [m]	
TVD Bottom [m]	
Nom.Weight [lb/ft]	309.70 lb/ft
MaxOD [inch]	32.000 inch
MinID [inch]	28.000 inch
DriftID [inch]	26.875 inch
Matl. spec.	X-52
Threads	DQ SL-60
Liner	<input type="checkbox"/>
Top of PBR [m]	
Comments	

## New mode – P&A

In addition to plan, tally and existing modes, CSD now has a P&A mode to be used when the well has been plugged and abandoned.



## Get TD, Deviation and Dogleg data directly from the survey

In the depths tab in Well & Completion Data, you will now find a button called "Get from Survey". When you press this; CSD will get TD, Max Deviation with depth and Max Dogleg with depth directly from the registered survey data.

Well & Completion Data - NO 6506/12-H-2 HT2

General Data | Depths | History

RKB  
Change the value for RKB-Tubing Hanger to recalculate depths according to new RKB

RKB-Tubing Hanger 305.950 m	RKB-MSL 23.000 m	RKB-Skid Deck m
--------------------------------	---------------------	--------------------

PBT

MD m	TD MD 5626.980 m	Fill (Top) MD m
TVD m	TVD 4230.206 m	TVD m
		Date dd.MM.yyyy

Max Deviation

Degree 84.5 Deg	MD 5279.980 m
--------------------	------------------

Average Angle through Pay  
55.0 Deg

Max Dogleg

Degree 3.7 Deg/30 m	MD 4959.980 m
------------------------	------------------

Get From Survey

OK Cancel Help

### Improved inserted equipment functionality

It is now possible to search in the Part Explorer for a gas lift valve, or other equipment that is going inside another part, and drop it inside of a part in the schematic. This is done by pressing and holding the Ctrl key while you drag and drop the item over the part it is going inside of e.g. a Side Pocket Mandrel.

**Ctrl + Drag&Drop**

Part Number	Symbol Name	Description	DriftL...	Nom....	Manufacturer	Matl. spec.	MaxO...	Threads	MiniD...	...
100820285	Inserted Gas Lift Valve	Gas lift valve			Schlumberger	- ? -				
100737045	Inserted Gas Lift Valve	1.5" Gas Lift Valve			- ? -	- ? -				
NA_PTCGLV...	Inserted Gas Lift Valve	1.5" PTC SafeLift Gas Lift...			- ? -	- ? -				
NA_valveptc...	Inserted Gas Lift Valve	1 1/2" Valve PTC			Schlumberger	- ? -				
1409971	Inserted Gas Lift Valve	Gas lift Valve RQ-2Q			Schlumberger	- ? -				
H860190004...	Inserted Gas Lift Valve	1.5" Chemical Injection ...			Schlumberger	13 Cr	1.531			
90003-000-0...	Inserted Gas Lift Valve	1 3/4" Gas lift valve W/...	5.870		Schlumberger	13 Cr L-80	9.375		5.900	

You can also set a flag in Part Explorer to exclude expired parts when loading the part database.

Part Explorer

-- Enter search text here -- 206

Part Number Show/hide Name

<general Show/hide expired parts table

G-43\_015 Adjustable Uni

### Latitude and Longitude

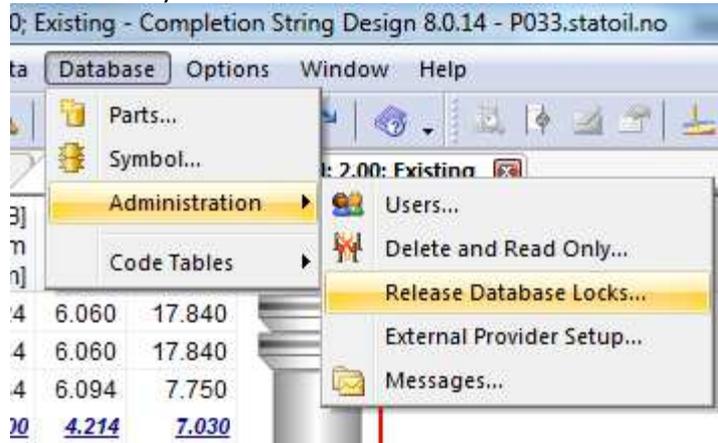
When you create a new well it is now possible to include the exact location of it, in form of Latitude and Longitude.

The screenshot shows a 'Well' dialog box with the following elements:

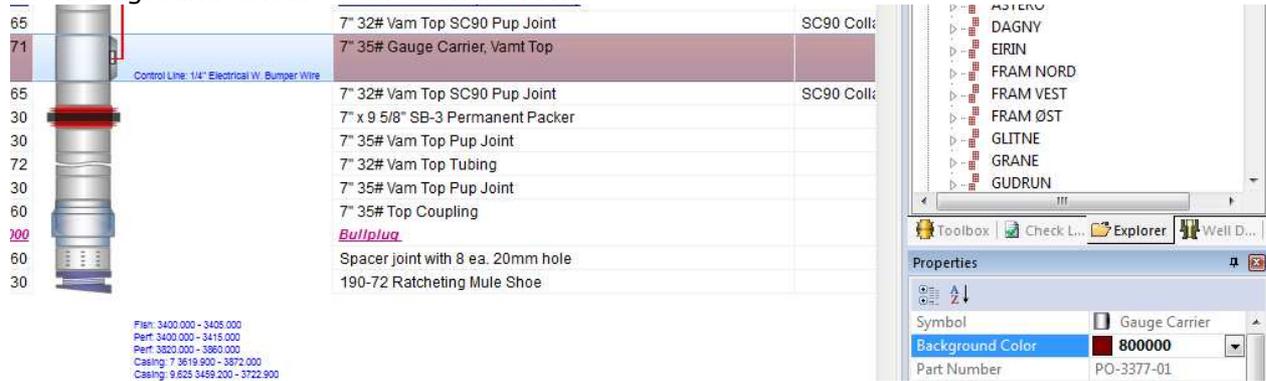
- Field:** A dropdown menu currently showing 'BLUESHAWK'.
- Table:** A table with two columns: 'WELL\_ID' and 'Well'. It lists three wells: 'Can Ex', 'Flying V', and 'Les Paul', each preceded by a red tree icon.
- Well:** A text input field containing 'Can Ex' and a 'Wellbore...' button to its right.
- Latitude:** An empty text input field.
- Longitude:** An empty text input field.
- Expired Date:** A text input field with the placeholder text 'dd.MM.yyyy'.
- Documents...:** A button for selecting a file.
- Buttons:** 'New', 'Update', 'Delete', 'OK', and 'Cancel' buttons are located at the bottom of the dialog.

**Miscellaneous:**

Removed the Unlock icon and renamed the menu item, to avoid mix with the Read Only functionality.



Set background colour to an element row.



**Listing:**

8.1.0.0 – new: Less memory overhead when loading symbols

8.1.0.0 – new: Make sure the text "Existing" always refer to the codetable text

8.1.0.0 – new: Separate data box for control lines

8.1.0.0 – new: Show control lines and ratags for inner string components

8.1.0.0 – new: Add support for specifying language id in registry and command line

-----  
 8.0.14.0 - new: Check List configuration: added available native methods to drop down list

8.0.14.0 - new: added tag <well> in odc files when run from a well document. Will be replaced by the well id (number)

8.0.14.0 - fixed bug: element accessor functions changed to reflect xpart or not: GetOD\_MAX, GetOD\_NOM, GetID\_, GetPART\_ID\_DRIFT and GetNOMINAL\_WEIGHT

8.0.14.0 - fixed bug: when changing connection, the document tree in well explorer caused a crash

8.0.14.0 - new: added native check list function diameter (RunDiameterCheck); a per element check that diameter fits within casing

8.0.14.0 \_ fixed bug: when deleting a document in a sub-folder, the tree was incorrectly populated from the root folder

8.0.14.0 - fixed bug: when check list do not return value in result, error is set when value contains data

8.0.14.0 - fixed bug: When changing Country on a field, press Update, change country back and press Update, the ODBC driver gives message "Function sequence error"

8.0.14.0 - fixed bug: When updating a check list item (code table), and then doing another update, the ODBC driver gives message "Function sequence error"

8.0.14.0 - fixed bug: casing and other objects are clipped if it's outside a registered well hole

8.0.14.0 - fixed: UseTrustedConnection og Trusted\_Connection = False|No|0 forces ODBC login box

-----

8.0.13.0 - new: if debug flag is set, any person can be promoted to sysadm

8.0.13.0 - fixed bug: when detaching a part in item properties, the Default symbol is now at top of the list

8.0.13.0 - new: can set flag to exclude expired parts when loading part database

8.0.13.0 - new: can set flag to not load part database at startup

8.0.13.0 - new: can have sketch in cell in report header

8.0.13.0\*- new: with the dropdown menu in page setup toolbar button, choose which parts to print (schematic, sketch, wellpath, databoxes)

8.0.13.0 - new: can have sketch included in print of schematic (as separate page)

8.0.13.0 - new: when saving, also store F12 sketch state (linear mode)

8.0.13.0 - new: when pc hibernates, a controlled disconnect from the database is performed, as is connect when waking up

-----

8.0.12.0 - fixed bug: when having shallow wells, perforations and casing shoes now look normally scaled

- 8.0.12.0 - fixed bug: during adding of new symbol, the New button is not disabled
  - 8.0.12.0 - new: added buttons in item data (properties) dialog for attaching and "converting" to part
  - 8.0.12.0 - new: when copying rows from schematic to the clipboard, it will always contain "mandatory" columns
  - 8.0.12.0 - fixed bug: message when deleting users is now correct
  - 8.0.12.0 - fixed bug: when "hiding" a column in dual mode, it now hides both dual columns of this type, and also from single string mode
  - 8.0.12.0\*- new: import of completion elements from excel spreadsheet
  - 8.0.12.0 - fixed bug: when loading a .str-file containing check list data, and no check list is defined in the database, CSD crashed
  - 8.0.12.0 - fixed bug: Cement is sorted by md top
  - 8.0.12.0 - improvement: access to delete button in CDlgCompletionDelete for accesslevel==1 now follows the read only flag
  - 8.0.12.0 - improvement: access to set/clear read only have been formalized. New setup flags: ReadOnlyClearByPersonRights and ReadOnlyClearLevel
  - 8.0.12.0 - fixed bug: when loading cement, symbol loading caused a multiple result set, so when not using MARS, this gave error
- 
- 8.0.11.0 - fixed bug - data boxes: height calculation was based on the bold version of the font
  - 8.0.11.0 - data boxes: partially fixed the drawing problem when spanning over multiple pages
  - 8.0.11.0 - improvement: moved the button "Get From Survey" inside a group of the fields that actually gets data
  - 8.0.11.0 - improvement: changed name of property "Color" on elements to "Background Color"
  - 8.0.11.0 - improvement: all dialog resources now use consistent font/size (MS Shell Dlg 8)
  - 8.0.11.0 - new: messages when deleting operator, field, well, wellbore from Codetable menu
  - 8.0.11.0 - fixed bug: show fish and other attributes in laterals which do not have casings
  - 8.0.11.0 - new: create backup xml in temporary folder when doing save
- 
- 8.0.10.0 - new: merging of codes in code tables

8.0.10.0\*- new: import of parts from excel spreadsheet

8.0.10.0 - new: added logging of changes in codetable for thread od top and bottom

8.0.10.0 - fixed bug: when having an inventory mapped to elements in tally mode, saving the plan mode no longer clears the inventory

8.0.10.0 - improvement: renamed "Ass" to "Assy"

8.0.10.0 - new: matching of AD group members to PERSON table content

8.0.10.0 - new: auto create of users (added to PERSON table) who actually have database access

8.0.10.0 - fixed bug: open read only with double click from explorer or open dialog

8.0.10.0 - fixed bug: when dropping down type in xmas tree, type was not correctly filtered

8.0.10.0 - new: can set color to an element row

8.0.10.0 - new: "upgrade" tasks for new versions (the Version folder in registry)