

## Release Notes

The following features, improvements, and corrections are included in this major release of SROD Version 8.8.0, January 2022.

- [Enhancements](#)
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The version can be displayed by clicking **Help > About**.

## Enhancements

- SROD now includes an updated, state of the art 3D Wellbore View featuring:
  - A highly customizable 3D view, which supports rotation, panning and zooming
  - Display color coded, 3D rod tapers within the wellbore. Display of extended wellbore below the pump
  - User selectable wellbore components (Pump, Anchor, Wellbore, Rod Guides and Perforations)
  - Graphically overlay SROD calculated analysis, Dogleg severity, Min/Max axial loads, Buckling Tendencies, Side and Drag loads onto the 3D wellbore view
  - Printable report of current active 3D wellbore view
  - Enhanced the Deviated Info page with 2 dock-able panels (3D Wellbore view and Deviation Survey)
- Updated report fonts
- SROD now Supports an unlimited number of cases. (This was limited to 10 cases maximum)
- Option to create and save a new SROD STEEL ROD DESIGN case from the SROD STEEL ROD DESIGN case. Rod taper lengths rounded to allow for exact rod counts
- Added support of docking-panels for Pumping Units, Motors, Reports, Deviation Survey, and 3D Wellbore Views. Check online help (F1) for further information
- Added a depth marker onto the "Rod Diameter", "Axial Load" and "Buckling Tendency" Charts in the generated Axial/Buckling and Side/Drag Load reports
- Double clicking the motor and pumping unit will open their properties window, in the Well Data dialog
- Ensure visibility of the selected Motor and pumping unit tree control in the Well Data dialog
- Added the "most recently used" SROD data files option for quick access
- Clicking the LUFKIN logo in the tool bar will navigate to [www.Lufkin.com](http://www.Lufkin.com)
- Display Rod Guides/Suggested Rod Guides in a single page (default), two-page views and enable zooming
- Improved Network license function. The Import License function will import the license file to the path defined by Manage License Location
- Show the License expiry warning message 60 days before the expiration date.
- DB modifications:

- Updated the latest LUFKIN LONG STROKE pumping units' and CBAL catalogs
- Updated the latest LUFKIN LLS SLS SERIES pumping units' and CBAL catalogs
- Updated the latest LUFKIN LLS SLS TM SERIES pumping units' and CBAL catalogs
- Include the latest LUFKIN SPRINT CONVENTIONAL CBAL catalog
- Include the latest LUFKIN SPRINT REVERSE MARK CBAL catalog
- Renamed LUFKIN CHURCHILL pumping units to LUFKIN CHURCHILL BEAM BALANCE
- Added LUFKIN CHURCHILL CONVENTIONAL pumping units' catalog
- Renamed CHURCHILL Cranks to LUFKIN CHURCHILL CONVENTIONAL (CHURCHILL)
- Updated SHORES SLS SERIES Cranks to LUFKIN LLS (SHORES SLS) SERIES
- Updated the latest US-ROD Rods and US-Rod Bullet guides' catalogs
- Added Redhead pumping units' catalog
- Updated the LSI ENDLESS ROD catalog
- Included the latest RFG MP Poly guides' catalog
- Included the latest Tenaris Helix and TENFLOW guides' catalogs
- Renamed Weatherford MXIII pumping units to MAXIII

### Updates

- Corrected the 1-inch rod weights for the US Rod types (C, K, DS, DXS, HA and HS) from 2.2904 lb/ft to 2.904lb/ft
- Corrected Tenaris ALPHAROD HS, Tensile value from 150000psi to 145000
- Restored Weatherford Maximizer units' names (WEATHERFORD MAX INIII)
- Corrected loading MMFG/Petro/SuperRod Rods cases, display a disabled Rod String design table

### System Requirements

The following system requirements (hardware and software) are recommended for running SROD 8.8.0:

- 4 Core Intel® Xeon® E51603, 2.80 GHz equivalent or above
- 4 GB RAM or above
- 1 GB 3D video card or better
- Resolution of 1280 X 768 or higher (1600 X 1024 recommended), dpi small fonts for better visual effects. Using Windows "Scale and Layout" = 100%
- Microsoft .NET Framework 4.5.1 or later

### Installation Instructions

Refer to the SROD Installation Guide, section **Installation Instructions** for more details.

For any technical issues, contact SROD Technical Support at

[srod.technical.support@lufkin.com](mailto:srod.technical.support@lufkin.com)