Spreadsheet for assessment of corroded pipelines in compliance with DNV-RP-F101

Valid from program version 1.0
Sesam Release Note

RP-F101

Date: 20 May 2015

Valid from RP-F101 version 1.0

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1 DOCUMENTATION

The purpose of this document is to inform users about new features and changes in the RP-F101 May 2015 release (v1.0).

The RP-F101 May 2015 release (v1.0) is supported by three additional documents:

- User Manual
- Verification document
- DNV-RP-F101 (2015), Corroded pipelines

The User Manual provides an overall introduction of the program, the established features, and step-by-step guidance on how to use it. The RP-F101 Verification document contains verification of the RP-F101 spreadsheet output in terms of independent calculations of a set of case studies. The final document, DNV-RP-F101 (2015), is a DNV Recommended Practice which the software is based on.

All documentations listed above can be found at:

- [Your RP-F101 Installation Path]\doc\n
In addition, the DNV-RP-F101 (2015) Recommended Practice is freely available to all from the DNV GL website, www.dnvgl.com.

2 FEATURES

The RP-F101 spreadsheet is a Microsoft Excel VBA spreadsheet developed by DNV GL for assessment of corroded pipelines in compliance with DNV-RP-F101 (2015) “Corroded pipelines” Part A. The RP-F101 spreadsheet contains modules for assessment of

- Single defects using relative and absolute depth measurements
- Single defect under combined loading (internal pressure and compressive stress)
- Interacting defects
- Complex shaped defects
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