

## Shell releases its 'Standard Legend' to industry and academia

27th January 2014



Maps continue to be one of the industry's most important communication tools and are used in many aspects of the upstream business from exploration through to development, production and decommissioning.

Cartographic symbol standards are considered important to aid interpretation and understanding, and are welcomed by many discipline experts, but are not used consistently across the industry. OGP works to promote the development of such standards and it recently published a Seabed Survey Data Model (available through OGP's Geomatics Committee website: <http://info.ogp.org.uk/geodesy>) which provides a cartographic standard for the map representation of seabed features interpreted from offshore hydrographic, geophysical and geotechnical surveys.

Similarly, Shell has developed a comprehensive cartographic symbol set to support hydrocarbon exploration and petroleum engineering, and can trace its origins back some 95 years. The so-called 'Shell Standard Legend' is now available for sharing with industry and academia. The Legend is available in two separate publications (as PDF's), one supporting the convention oil=red, and one oil=green, recognizing that these two mapping conventions are in use around the world by different Operators and governments. Each publication consistently uses one of these colour conventions throughout the document and categorizes the symbols according to:

- Hydrocarbons (such as fields, prospects and shows)
- Topography (control points, markers, offshore structures, contours, road symbols)
- Geology (morphology, lithology, faults, chronostratigraphy)
- Geochemistry (source rock, maturity)
- Geophysics (seismic stratigraphy)
- Wells (well symbols by hydrocarbon type and status)

OGP's Executive Director, Michael Engell-Jensen, has welcomed Shell's offer to release these documents to industry and is pleased to make them

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available for download:

[Shell Standard - Red](#)

[Shell Standard - Green](#)

In addition to the standard documents Shell also makes available files to support the Shell Standard Legend on Esri ArcGIS:

[SSL2012\\_Stylesheets.zip](#)

[SSL2012\\_TTF.zip](#)

The first zip file SSL2012\_Stylesheets.zip contains the style sheets: SSL2012\_GreenOil.style and SSL2012\_RedOil.style. Depending on your standard colour scheme copy the required style sheet to the stylesheet folder C:\program files\ArcGIS\Destop10.x\styles or to an alternative location.

Many marker symbols and some of the line and fill symbols in these style sheets make use of font characters not available from the standard font set. For these characters additional font files have been created that can be found in the SSL2012\_TTF.zip file. This zip file contains 22 TrueTypeFont files that need to be copied to the folder C:\windows\fonts. System administrator rights are required for this. The style sheets will automatically pick up the correct characters from the font files when these are available. If the fonts are not placed in this folder the symbols will not display correctly.

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