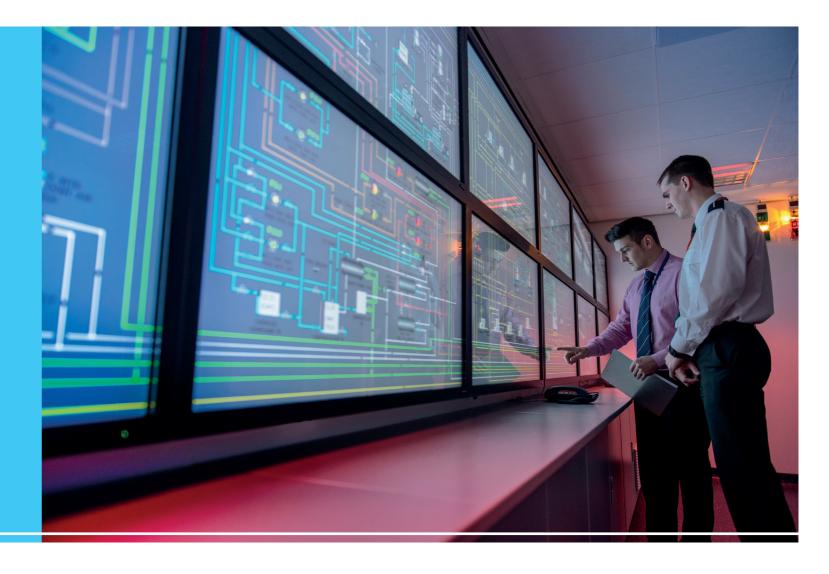
SAFER, SMARTER, GREENER



mytvas@dnvgl.com

About DNV GL

DNV GL is the world's largest ship and offshore classification society, the leading technical advisor to the global oil and gas industry, and a leading expert for the energy value chain, including renewables and energy efficiency. We are also one of the top three certification bodies in the world.

In the oil and gas industry, DNV GL enables safe, reliable and enhanced performance in projects and operations. We provide integrated services in technical and marine assurance and advisory, risk management advisory and offshore classification. Our 5,500 people combine industry expertise, multi-disciplinary skills and innovation to solve complex challenges for our customers. Together with our partners, we drive the industry forward by developing best practice and standards across the asset lifecycle.

Find out more at www.dnvgl.com



The digital Towing Vessel Approvability Scheme

MyTVAS - THE TOWING VESSEL APPROVABILITY SCHEME

DNV GL's Noble Denton marine services have established technical standards for towing vessels for the benefit of the marine and offshore industries. These standards form the basic criteria of our Towing Vessel Approvability Scheme, which provides owners and operators of towing vessels with criteria denoting the suitability of the vessel for differing operations in different operating areas.

The Towing Vessel Approvability Scheme is delivered through MyTVAS, an innovative digital platform for vessel owners, operators, charterers and surveyors.

Many charterers of towing vessels, in accordance with their quality management systems, prefer to contract vessels that are entered into the Towing Vessel Approvability Scheme. By doing so, they can be assured of contracting a well-founded and well-equipped vessel that has been surveyed recently and is being monitored to a consistent technical standard.

Objectives of the Towing Vessel Approvability Scheme

- To provide vessel owners, when presenting their vessels for towing services, with a Towage Approvability Certificate which confirms the vessels' acceptability to a published and recognized standard.
- To provide operators, charterers and surveyors with consistent levels of towing vessel suitability based on internationally acceptable criteria.

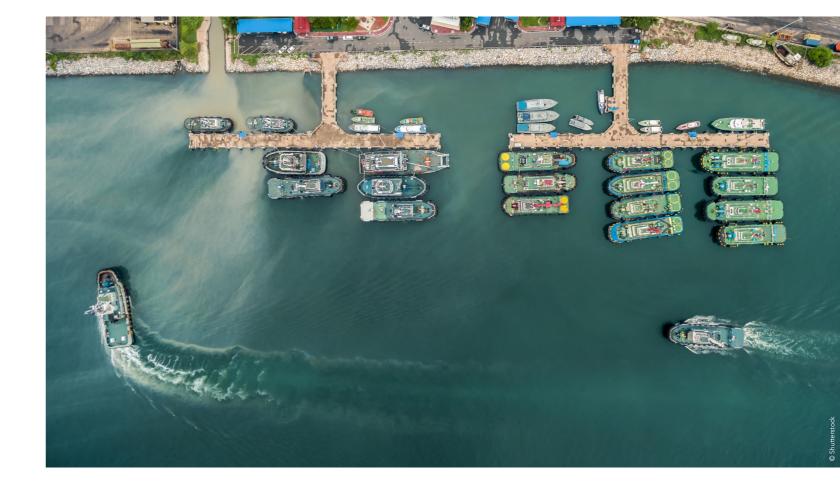
■ To provide interested parties with a reference register listing offshore towing vessels and identifying those vessels that have been accepted into the Towing Vessel Approvability Scheme.

MyTVAS - digital delivery of the Towing Vessel Approvability Scheme

MyTVAS is a fully-featured cloud-based application delivered through DNV GL's Veracity open industry data platform. Benefits of MyTVAS include:

- A dashboard where vessel owners and operators will be able to easily view and manage their fleet.
- Gives owners and operators the ability to enroll unregistered vessels via a simple wizard.
- A platform that enhances the interaction between DNV GL and customers by allowing direct communication through a chat-style interface and secure exchange of documentation.
- Facilitated annual re-validation of the MyTVAS certificate.
- Direct interaction with surveyors assigned to a specific vessel inspection.
- Can be accessed from any connected device, anywhere.





The MyTVAS database of Towing Vessels

A database of offshore towing and support vessels is available to everybody via the MyTVAS platform on DNV GL's Veracity platform and contains relevant data of all vessels and the designation of vessels entered into the Towing Vessel Approvability Scheme. This live database benefits operators, oil companies and other charterers, surveyors, ship brokers and underwriters in assessing vessel suitability for various towing operations.

MyTVAS digital certificate

Where acceptability is confirmed, the vessel will be issued with a digital certificate denoting either an

ocean-going salvage tug, unrestricted, coastal, or restricted designation. The Approvability Certificate will have a validity of five years and the entire lifecycle can be tracked through MyTVAS.

Guideline on the approvability of towing vessels

DNV GL's Noble Denton marine services have issued technical guidelines to enable operators and other interested parties to review a vessel's suitability for entry into the Approvability Scheme. It describes the various categories within the scheme. A standard towing vessel report form has been established which will be used during the initial and subsequent survey for approvability.

WHAT IS THE VERACITY MARKETPLACE AND HOW DO I SIGN UP?

Veracity is both a market place and data platform that enables digital innovation and collaboration.

To facilitate frictionless connections between different industry players, domain experts and data scientists, DNV GL has built an open and secure platform facilitating exchange of datasets and a series of available application programming interfaces (APIs).

Veracity creates an ecosystem, where value can be created between providers and consumers of data and services, and where developers and data scientists can be connected to further enrich the data. MyTVAS can be found in this marketplace and you can sign up for it by visiting; https://store.veracity.com