

## Planning for consent on the UKCS

### Planning

When planning to undertake a drilling operation or to install a permanent structure (installation or pipeline) on the UKCS it is important to ensure that consent is obtained as specified under the Energy Act. Anatec has worked with Industry and the Regulator (DECC and its consultees) over the last 10 years to develop the necessary models, systems and templates to ensure this process is carried out in an efficient and cost effective manner.

### Consent to Locate

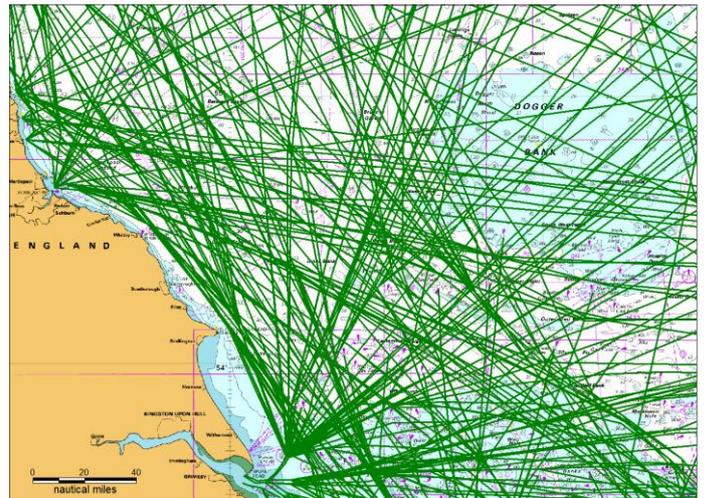
A consent to locate is a requirement, prior to locating an offshore installation on the UKCS, for both permanent and temporary installations. DECC evaluates the risk and obstruction, to shipping to ensure it is at an acceptable level.



Through cooperation with the DECC, Anatec has developed a sensitivity map for the UKCS to provide an immediate indication of the level of work required to support an application thereby reducing the likelihood of delays.

In order to make their judgment the department requires the following information:

- Evidence of shipping movements in proximity to proposed location;
- Likely changes in movements resulting from the installation;
- The constraints imposed upon local navigation by the installation;
- The danger of passing vessels colliding with the installation; and
- The increased danger of ships colliding with each other, and the mitigation measures available for reducing risk.



(Sample UK shipping routes)

The shipping data is extracted from Anatec's ShipRoutes database, which is also used in-house by DECC. Anatec has developed a suite of best-practice collision risk models which are used to perform this work. Anatec have worked alongside the majority of the oil and gas operators in the UK, guiding them through the consent to locate process, to ensure they have a thorough and acceptable application.

**Contact us below for more information.**

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