**2.1.3 Jussland Underkeel Clearance Management System (UCMS)**

The Jussland UCMS, operated by Jussland MRCC, is a 24-hour web-based system using accurate vessel information to estimate a ship’s underkeel clearance (UKC). The vessel’s underkeel clearance is derived from hydrodynamic modelling utilizing tidal, current, wind, and wave sensors The system is designed to complement other measures to protect the marine environment and to deliver enhanced safety of navigation in Jussland. Vessels must have a UKC of at least 1m or 10% of the vessel’s draft, whichever is greater. The operational area of the system is bound by the coast and lines joining the following positions:

a. 32°18.2'S, 061°03.2'E. (coast)

b. 32°18.2'S, 061°09.6'E.

c. 32°36.4'S, 061°09.6'E.

d. 32°36.4'S, 060°55.7'E. (coast)

The following vessels are required to participate in the Jussland UCMS:

1. All vessels with a draft of 9m and over.
2. All vessels carrying petroleum products, chemicals, radioactive materials, or dangerous cargo, regardless of draft.

Vessels are required to register in the Jussland UCMS via the system’s web site no later than 96 hours prior to arrival at the pilot boarding position. The vessel will create a userID and Password for future access into the system and will be provided with a UCMS Identification Number. The following information will be required for initial registration into the system:

1. Vessel name.
2. Vessel flag.
3. Vessel call sign.
4. IMO number.
5. Maximum draft.
6. Dangerous cargo carried on board, if any.
7. Vessel contact information (telephone, facsimile, and e-mail address).
8. Confirmation the vessel’s AIS is on and functioning properly.

Vessels are required to provide the following information via the system’s web site no later than 4 hours prior to arrival at the pilot boarding position:

1. Vessel name.
2. UCMS Identification Number.
3. Draft (fore and aft).
4. Confirmation the vessel’s AIS is on and functioning properly.

The Jussland UCMS can be contacted, as follows:

1. Telephone: 999-1-467345961
2. Facsimile: 999-1-467345962
3. E-mail: jusslanducms@jussland.gov.js
4. Web site: http://www.jusslanducms.js