

Under Keel Clearance Management (UKCM) Product Specification

1st IHO UKCM Project Team Meeting

Venue

[Orchard Parade Hotel](#)
[1 Tanglin Road, Singapore](#)

Tuesday 30 August
 0900 to 1700

Wednesday 31 August
 0900 to 1700

Thursday 1 September
 0900 to 1600

Chair: Nick Lemon (AMSA)

Time	Tuesday	Time	Wednesday		Thursday
0900-1200	Informal welcome Technical Tour (optional) Singapore VTS 1000-1200	0900-1030	Session 3 Current and in-development S-1XX product specifications In-development product specifications and their applicability to UKCM	0900-1030	Session 7 Development of a UKCM product specification (continued)
		1030-1050	Break	1030-1050	Break
		1050-1300	Session 4 Separating UKC information between S-101 and a UKCM product specification Scope of the UKC product specification	1050-1300	Session 8 Team meeting summary Review of draft output paper
1200-1300	Lunch	1300-1400	Lunch	1300-1400	Lunch
1300-1430	Session 1 Welcome Safety briefing Program for the week Organisational introductions and meeting expectations	1400-1530	Session 5 Scope of the UKCM product specification (continued)	1400-1600	Session 9 Review of draft output paper (continued) Comments on draft report Close of Meeting
1430-1450	Break / PT Photograph	1530-1550	Break		
1450-1700	Session 2 Transas presentation FAMOS presentation OMC presentation UKCM – Pros and cons of different methods	1550-1700	Session 6 Development of a UKCM product specification		

Transas Presentation – Konstantin Ivanov

Konstantin will deliver a presentation on an in-use system that provides UKC services within the St. Lawrence Seaway, Canada.

FAMOS Presentation – Caroline Johansson

Caroline will present on the Finalising Surveys for the Baltic Motorways of the Sea (FAMOS), that aims to improve safety, increase shipping efficiency and provide better depth accuracy for UKC awareness within the Baltic Sea.

OMC Presentation – Chris Hens

TBA.

UKCM - Pros and cons of different methods – Hannu Peiponen

Hannu will discuss three different methods of UKC management and what their differing advantages and disadvantages are.

Current and in-development S-1XX Product Specifications

The group will discuss approved and in-development product specifications that are currently being developed by the IHO, IALA and WMO.

In-development product specifications and their applicability to UKCM

The group will discuss the S-101 ENC Product Specification, S-102 Bathymetric Surface Product Specification and S-112 Dynamic Water Level Data Product Specifications, and how they might apply to the UKCM Product Specification.

Separating UKC information between S-101 and a UKC product specification

This agenda item will discuss if a S-101 UKCM feature is required and what the desired attributes would be to alert the mariner to an area where a regulated UKCM system may be in place and required for passage.

Scope of the UKCM Product Specification

The team will discuss the scope of the UKCM Product Specification to determine what can be encapsulated with the specification, if there are any limitations within the current S-100 framework and how the information will be presented and interpreted by the mariner.

Project team members are requested to provide comments or proposals on any of the agenda items to the PT Chair, Vice-Chair by no later than 19 August 2016, indicating the relevant Agenda item.

PT Chair – Nick Lemon (AMSA) – nick.lemon@amsa.gov.au

PT Vice-Chair – Alec Millett (AMSA) – alec.millett@amsa.gov.au

Draft Agenda for the 1st IHO UKCM Project Team Meeting

Technical Tour – Tuesday 0900-1200

- TT1 Informal welcome
- TT2 Visit to Singapore VTS (1000-1200)

Session 1 – Tuesday 1300-1430

- 1.1 Welcome and introductions
- 1.2 Safety briefing
- 1.3 Apologies
- 1.4 Adoption of the agenda
- 1.5 Program for the week
- 1.6 Organisational introductions and expectations for the meeting

Session 2 – Tuesday 1450-1700

- 2.1 Transas Presentation
- 2.2 FAMOS Presentation
- 2.3 OMC Presentation
- 2.4 UKCM – pros and cons of different methods

Session 3 – Wednesday 0900-1030

- 3.1 Current and in-development S-1XX product specifications
- 3.2 In-development product specifications and their applicability to UKCM

Session 4 – Wednesday 1050-1300

- 4.1 Separating UKC information between S-101 and a UKC product specification
- 4.2 Scope of the UKCM Product Specification

Session 5 – Wednesday 1400-1530

- 5.1 Scope of the UKCM Product Specification (4.2 continued)

Session 6 – Wednesday 1550-1700

- 6.1 Development of a UKC product specification

Session 7 – Thursday 0900-1030

- 7.1 Development of a UKC product specification (6.1 continued)

Session 8 – Thursday 1050-1300

- 8.1 Team meeting summary
- 8.2 Review of draft paper output

Session 9 – Thursday 1400-1600

- 9.1 Review of draft output paper (continued)
- 9.2 Comments on draft report
- 9.3 Close of meeting