**NIPWG 4-17.1**

## Paper for Consideration by NIPWG

## Addition of Shore-based Under Keel Clearance Management Systems and Preliminary

**Mapping to the Traffic Management Test Data Set**

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| ***Submitted by:*** | United States (NGA) |
| ***Executive Summary:*** | Request by the Chair of the Under Keel Clearance Management Project Team to include information concerning shore-based Under Keel Clearance Management Systems in nautical publications. |
| ***Related Documents:*** | NIPWG 3-48.1 (Shore-based Under Keel Clearance Management Systems and Nautical Publications)—Submitted by Under Keel Clearance Management Project Team  Seafarers Handbook for Australian Waters  International Convention for the Safety of Life at Sea (SOLAS) |
| ***Related Projects:*** | NIPWG Traffic Management Test Data Set  NIPWG Traffic Management Test Data Set—Preliminary Mapping |

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| **Introduction/Background**   |  | | --- | | A proposal was submitted to NIPWG 3 by the Chair of the Under Keel Clearance Management Project Team (UKCMPT) to include information on shore-based Under Keel Clearance Management Systems (UKCMS) in the appropriate nautical publications. The UKCMPT was concerned information about shore-based UKCMS was available to the mariner via local port guides or handbooks but not available in mandatory publications required under SOLAS. For example, information about the Torres Strait UKMS is available in the *Seafarers’ Handbook for Australian* *Waters* produced by the Australian Hydrographic Service, which is not a mandatory publication under SOLAS. | |

## Analysis/Discussion

The UKCMPT considers shore-based UKCMS to be an Aid to Navigation (AtoN) and, as such, information on these systems should be provided to mariners in a similar manner to other AtoNs.

The paper discussed the availability of such information with respect to SOLAS carriage requirements, the incorporation of UKCM System into nautical publications, what type(s) of UCKM System information should be included in nautical publications, and the impact of developing UKCM system information by NIPWG for inclusion in nautical publications.

The UKCMPT requested NIPWG to take the following into account:

1. The appropriateness of including shore-based UKCM System information in nautical publications.
2. Agree that shore-based UKCM System information should be included in nautical publications.
3. Decide which nautical publications are appropriate for the inclusion of UKCM Systems information.
4. Agree to include the UKCM Systems information as listed in the Analysis section of NIPWG 3-48.1.

Annex A—New Underkeel Clearance Management System section for the Traffic Management Test Data Set.

Annex B—Preliminary Mapping for the new Underkeel Clearance Management System section.

## Conclusions

A section titled Underkeel Clearance Management System will be developed for and added to the Traffic Management Test Data Set. A preliminary mapping of this new section will also be developed and added to the existing preliminary mapping for the Traffic Management Test Data Set.

## Recommendations

NGA will develop the New Underkeel Clearance Management System section for the Traffic Management Test Data Set

The NIPWG Chair is requested to forward the revised Traffic Management Test Data Set and its associated Preliminary Mapping to the IHO for inclusion in the **List of NIPWG Product Specifications** in the NIPWG section of the IHO web site.

## Action Required of NIPWG

The NIPWG is invited to:

1. Note this paper
2. Provide any comments that may improve the Underkeel Clearance Management System section of the Traffic Management Test Data Set.