

**31ST MEETING OF THE GEBCO SUB-COMMITTEE ON UNDERSEA FEATURE NAMES
(SCUFN)**

Paper for Consideration by SCUFN

Proposal for the Development of a Beta-Gazetteer Management Plan

Submitted by:	KHOA (Korea Hydrographic and Oceanographic Agency)
Executive Summary:	This document introduces the plan on the improvements to and operations of the SCUFN integrated webpage and the Beta-Gazetteer developed by KHOA.
Related Documents:	SCUFN30-07.3A, Action items SCUFN30/148 and 149, Arrangement between the IHO and KHOA on Technical Cooperation regarding the IHO Service System (Feb. 2018)
Related Projects:	GEBCO Gazetteer, SCUFN integrated webpage

1. Introduction / Background

The Korea Hydrographic and Oceanographic Agency (KHOA) developed three systems respectively for proposals, review by members and terms and definitions upon request of the IHO Secretariat and they have been in use since 2015. At the 30th SCUFN meeting in 2017 KHOA demonstrated a system which integrates the three and the Beta-Gazetteer. This document introduces the plan on the improvements to and operations of the SCUFN integrated webpage of the system and the Beta-Gazetteer.

2. Analysis/Discussion

KHOA embarked on improving the system to enhance the efficiency and convenience of reviewing and managing Undersea Feature Names. In addition the Arrangement between the IHO and KHOA on Technical Cooperation regarding the IHO Service System signed in February 2018 provided grounds for stable operation of the SCUFN integrated webpage and the Beta-Gazetteer. The following table summarizes the management plan for the SCUFN integrated webpage of the system and the Beta-Gazetteer.

Item	Description	Status
Goal and Role	<ul style="list-style-type: none"> • Facilitate efficient review and management of Undersea Feature Names • Provide support for stable operation of the SCUFN integrated Webpage and Gazetteer 	Continuous
Responsibility	KHOA supports the maintenance and operation of the system.	Continuous
Maintenance	Continuously reflect user feedback to improve the systems.	Continuous
Function	<ul style="list-style-type: none"> • Web-based systems • Compatible with multi Web browsers (Internet Explorer, Chrome, Safari, Firefox, etc.) • Support polar coordinate • Support various APIs and provide export functions • Support S-100 	Done Done Done Ongoing Ongoing
Security	<ul style="list-style-type: none"> • Periodic security patch update • Provide security solution by running a web vulnerability scanner 	Continuous
Acceptance test	Run an acceptance test	Once a year
Backup Plan	Periodic backup of the system and the database	Continuous

3. Conclusions

KHOA is pleased that the SCUFN integrated webpage can be used when conducting reviews and we will continue to improve and maintain the SCUFN integrated webpage and the Beta-Gazetteer to support the work of SCUFN.

4. Recommendations

The IHO Secretariat and members of SCUFN are welcome to inform us on problems they may encounter when using the system and suggest ideas for improvement.

5. Action required of SCUFN

SCUFN is invited to:

- a) Note this paper
- b) Provide feedback on the improvements to the SCUFN integrated webpage and the Beta-Gazetteer