

## Paper for Consideration by S101PT

## New point symbol for reed beds

<b>Submitted by:</b>	Finland
<b>Executive Summary:</b>	Add new point symbol for Vegetation category of vegetation = 11 (reed)
<b>Related Documents:</b>	NCWG8-06.10A
<b>Related Projects:</b>	-

## Introduction / Background

Paper NCWG8-06.10A raised the issue of ENC encoding combinations currently included in S-101 ENCs that do not portray or provide any other indication in ECDIS. One outcome from NCWG8 consideration was for Finland to propose a new point symbol for Vegetation with category of vegetation 11 (reed) to be added in S-101.

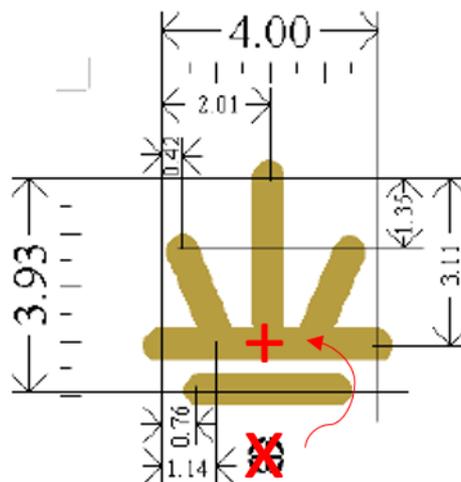
## Analysis/Discussion

Current ENC portrayal only has an area pattern visualisation for marshes. S-4 B-312.2 states that "Reed beds may be charted using the same symbol as marsh" making it unnecessary to differentiate marshes and reeds. The existing portrayal for marshes can therefore be used for reed beds of surface primitive as is, and it can also be used as basis for a new point symbol.

## Recommendations

Add point symbol for Vegetation with category of vegetation = 11 (reed) that is based on the existing area pattern symbol MARSHE1P.

To make the MARSHE1P into a new point symbol the pivot point should be moved to the position indicated by the red + in the image below.



There is no need to change the symbol dimensions or colour.

## Justification and Impacts

Adding a point new point symbols enables portraying the already existing reed beds with point geometry.

**Action Required of S-101PT**

The S-101PT is invited to:

- a. note this paper
- b. agree to add a new point symbol Vegetation with category of vegetation = 11 (reed) in S-101 as recommended