**S-101 FEATURE CATALOGUE DEVELOPMENT**

**SUMMARY OF CHANGES TO BE APPLIED MANUALLY WITHIN THE FEATURE CATALOGUE XML**

Within the document, any additions to information included in the IHO GI Registry entry for the Concept are shown in red text; and deletions are shown in ~~red strike-through~~ text.

**orientation (complex attribute):** Amend definition as follows:

~~(1~~) The angular distance measured from true north to the major axis of the feature. ~~(2) In ECDIS, the mode in which information on the ECDIS is being presented. Typical modes include: north-up - as shown on a nautical chart, north is at the top of the display; Ships head-up - based on the actual heading of the ship, (e.g. Ships gyrocompass); course-up display - based on the course or route being taken.~~

**Daymark (feature):** Amend definition as follows:

~~(1)~~ The identifying characteristics of an aid to navigation which serve to facilitate its recognition against a daylight viewing background. On those structures that do not by themselves present an adequate viewing area to be seen at the required distance, the aid is made more visible by affixing a daymark to the structure. A daymark so affixed has a distinctive colour and shape depending on the purpose of the aid. ~~(2) An unlighted navigational mark.~~

**Bridge (feature):** Amend definition as follows:

~~(1) an elevated structure extending across or over the weather deck of a vessel, or part of such a structure. the term is sometimes modified to indicate the intended use, such as navigating bridge or signal bridge. (2)~~ A structure erected over a depression or an obstacle such as a body of water, railroad, etc., to provide a roadway for vehicles or pedestrians.

**waterwayDistance (simple attribute):** Amend definition as follows:

~~[1] The distance measured from an origin of a river or canal. [2]~~ The length of the space between two points along a waterway.

**waterwayDistance (simple attribute):** Remove Alias ~~wtwdis~~ (not relevant to S-101).

**horizontalClearanceWidth (simple attribute):** Remove Alias ~~horclw~~ (not relevant to S-101).

**categoryOfFogSignal / reed (enumerate value):** Amend definition as follows:

~~[1]~~ A reed uses compressed air and emits a weak, high pitched sound. ~~[2] any of various water or marsh plants with a firm stem. (concise oxford english dictionary).~~

**categoryOfLandmark / bridge (enumerate value):** Amend definition as follows:

~~(1) an elevated structure extending across or over the weather deck of a vessel, or part of such a structure. the term is sometimes modified to indicate the intended use, such as navigating bridge or signal bridge. (2)~~ A structure erected over a depression or an obstacle such as a body of water, railroad, etc., to provide a roadway for vehicles or pedestrians.

**categoryOfSeaArea / hill (enumerate value):** Amend definition as follows:

~~[1] a small isolated elevation, smaller than a mountain. [2]~~ A distinct elevation generally of irregular shape, less than 1000m above the surrounding relief as measured from the deepest isobath that surrounds most of the feature.

**categoryOfShorelineConstruction / ramp (enumerate value):** Amend definition as follows:

~~(1)~~ A sloping structure which may include rails that can either be used, as a landing place, at variable water levels, for small vessels, landing ships, or a ferry boat, or for hauling a cradle carrying a vessel. ~~(2) an accumulation of snow that forms an inclined plane between land or land ice elements and sea ice or ice shelf. also called drift ice foot.~~

**categoryOfSlope / hill (enumerate value):** Amend definition as follows:

~~[1]~~ A small isolated elevation, smaller than a mountain. ~~[2] A distinct elevation generally of irregular shape, less than 1000m above the surrounding relief as measured from the deepest isobath that surrounds most of the feature.~~

**categoryOfVegetation / reed (enumerate value):** Amend definition as follows:

~~[1] A reed uses compressed air and emits a weak, high pitched sound. [2]~~ Any of various water or marsh plants with a firm stem. ~~(concise oxford english dictionary).~~

**colour / white (enumerate value):** remove definition: ~~the achromatic object colour of greatest lightness characteristically perceived to belong to objects that reflect diffusely nearly all incident energy throughout the visible spectrum.~~

**colour / black (enumerate value):** remove definition: ~~the achromatic color of least lightness characteristically perceived to belong to objects that neither reflect nor transmit light.~~

**colour / red (enumerate value):** remove definition: ~~a color whose hue resembles that of blood or of the ruby or is that of the long-wave extreme of the visible spectrum.~~

**colour / green (enumerate value):** remove definition: ~~of the color green.~~

**colour / blue (enumerate value):** remove definition: ~~a color whose hue is that of the clear sky or that of the portion of the color spectrum lying between green and violet.~~

**colour / grey (enumerate value):** remove definition: ~~of the color grey.~~

**colour / brown (enumerate value):** remove definition: ~~any of a group of colors between red and yellow in hue, of medium to low lightness, and of moderate to low saturation.~~

**colour / amber (enumerate value):** remove definition: ~~a variable color averaging a dark orange yellow.~~

**colour / violet (enumerate value):** remove definition: ~~any of a group of colors of reddish-blue hue, low lightness, and medium saturation.~~

**colour / orange (enumerate value):** remove definition: ~~any of a group of colors that are between red and yellow in hue.~~

**colour / magenta (enumerate value):** remove definition: ~~a deep purplish red.~~

**colour / pink (enumerate value):** remove definition: ~~any of a group of colors bluish red to red in hue, of medium to high lightness, and of low to moderate saturation.~~

**Reference direction / east (enumerate value):** remove definition: ~~078.75-101.25 degrees.~~

**Reference direction / west (enumerate value):** remove definition: ~~258.75-281.25 degrees.~~