

**6th CSPCWG MEETING
IHB, Monaco, 1-3 December 2009**

Paper for Consideration by CSPCWG

Floating waste bin

Submitted by:	France (SHOM)
Executive Summary:	To define a symbol for floating waste bin.
Related Documents:	included in this paper
Related Projects:	/

Introduction / Background

Some floating waste bins are moored on French coasts. How should we represent these floating objects ?

Analysis / Discussion

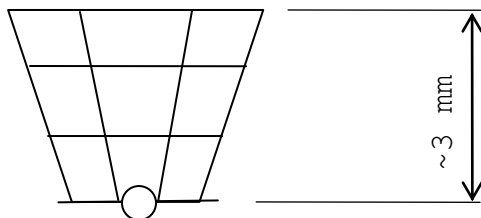
This kind of object can be assimilated to a buoy.

Conclusions

It should be drawn on the charts at the largest scale.

Recommendations

A symbol based on MARPOL's symbol ("Keep your waterways clean") as this draft version:



The colour could be in magenta.

Justification and Impacts

The use of an existing symbol of buoy as Q22 is enough to warn navigators but is not enough to advertise on the purpose of the object.

It does not require any supplementary expertise.

The CSPCWG seems to be the adequate body of IHO to adopt or reject this proposal.

Action required of CSPCWG

The CSPCWG is invited to:

- a. endorse this symbol to depict floating waste bin

A simple and intelligent gesture

5 yachtsmen generate 2 kilos of waste per day!
Without having to go ashore, you can dispose of the rubbish bags in the OBELL, a floating waste container.

Floating waste bins

OBELL offers an intelligent solution with its Champagne cork shaped floating waste bin. The OBELL is shaped like this famous cork for the following reasons : the wide base insures the floatability as well as the stability and the high and tapered neck enables an easy waste collection. Located at port entrances and other places visited by yachtsmen, with 2.20 metres diameter for 200 kilos gross weight, their 1,200 litres capacity allows to collect the waste of about 100 yachts. The 1,200 litres capacity is made up of six 200 litres compartments meaning that, should future laws oblige, OBELL can be used for selective waste sorting as well. Hundreds of OBELL are already in use. Very tough tests confirmed OBELL's high stability under bad weather. OBELL resists to winds up to 150 kph, to currents up to 4 knots and to a swell of up to 2 metres. Night security is also assured: an autonomous light beacon warns sailors about the position of the obstacle. The waste bag collection is also simple and economical. One man aboard a light boat can do it without any special skills or training. The fact that you have to replace only six 200 litres bags avoids the use of complicated and expensive lifting equipment.

Description

OBELL is a 2.20 metres diameter buoy, measuring 1.65 metres above sea level and which can contain the waste of 80 to 120 yachts.
OBELL is moored by a chain boom, an anchoring screw or a dead weight (dolphin), and can be installed either in natural harbours or in organised anchorages, in ports or in port entrances.
OBELL allows yachtsmen to dispose of their rubbish without having to go ashore or to store the waste onboard for too long.

Diameter: 2.20 m
Hull height: 1.85 m
Height above water level: 1.65 m
Overall height: 2.65 m
Capacity: 1,200 l
Gross weight: 200 kg
Hull material: composite

Anchorage system

Fastener Stainless steel
Chain 14 mm Æ links
Dead weight (Dolphin) 1,500 kg
Markings Battery operated beacon recharged by solar cells



