

8th CSPWG MEETING
Turku, Finland, 29 November – 2 December, 2011

Paper for Consideration by CSPCWG

New symbol for FPSO/Tanker/Tug set

| | |
|---------------------------|--|
| Submitted by: | Directorate of Hydrography and Navigation (DHN – BRAZIL) |
| Executive Summary: | New symbol for FPSO, tanker and a tug boat. |
| Related Documents: | S-4, items B-445.5 and B-445.6 |
| Related Projects: | Discussion at International Maritime Organization (IMO). |

Introduction / Background

FPSO, being a very specific type of floating structure, sometimes may have a tanker and a tug boat associated with it, in order to keep the production flow and the whole set in place, respectively. Despite the caution note usually associated with this situation, the set may increase significantly the safety area, and a new symbol representing it could make the understanding of this particular situation clearer.

During the 56th Session of the IMO Safety of Navigation Subcommittee (NAV), there was an agreement about the necessity of establishing and representing FPSO and associated ships (tanker and tug boat). At the occasion, the IHO representative said that a specific symbol for a rotating FPSO set (constituted by itself, a tanker and a tug) would be created.

This paper is an initiative to this process.

Analysis / Discussion

The symbol for FPSO presented in S-4 does not imply the existence of a tanker and a tug associated with it, despite the almost obvious need for them, since FPSO does not have unlimited storage capability, nor the set will maintain itself in position. However, safety of the navigation can't afford not to be obvious, and if it is necessary to reinforce the idea depicted by a possibly misunderstood (or even ignored) caution note, then a symbol might come in handy.

But FPSOs are used present in very deep waters, where the scale of the chart will not allow representation of the set constituted by itself, a tanker and a tug. Nevertheless, the enlargement of the safety area caused by the three-ship set can raise up to a two-mile radius circle, centered on the FPSO, plus the usual 500m.

Thus, the Directorate of Hydrography and Navigation, interested in the best for the safety of the navigation and users, has come up with a single symbol for the FPSO-tanker-tug set, derived from the original FPSO one, so to allow user to quickly understand it. This symbol, despite its intuitive representation, should only be used along with its caution note.

Conclusions

The symbol could reinforce the idea depicted in a caution note, and its likelihood to the FPSO symbol draws the necessary attention for the particular situation shown here.

Recommendations

Discuss this paper.

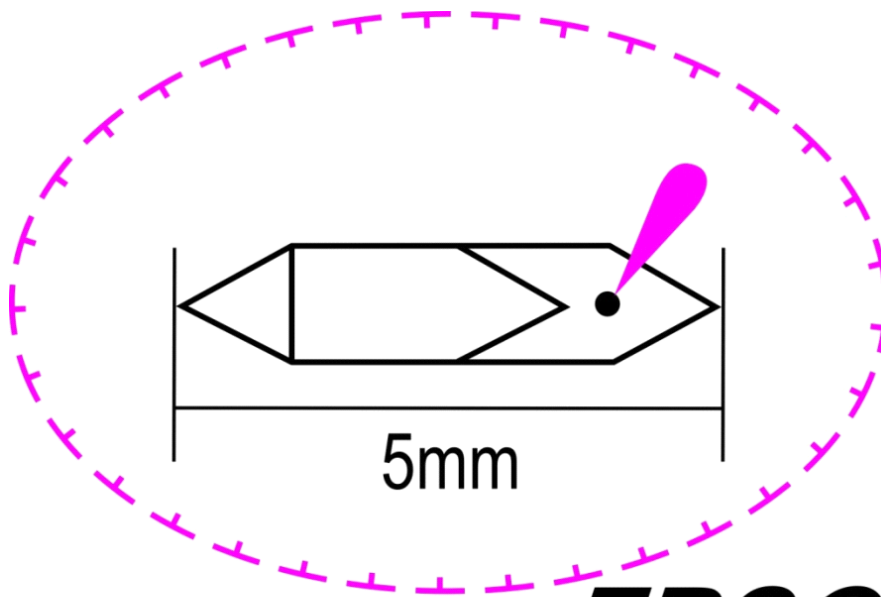
Justification and Impacts

Will cause impacts on S-4 and INT1.

Action required of CSPCWG

The CSPCWG is invited to:

- a) note the paper and the symbol presented herewith for further discussions before next editions of INT 1, and
- b) ask CSPCWG members to provide any ideas on whether or not they support the proposal and make additional contributions.



FPSO (mod)
SEE NOTE