

Additional information from the Netherlands on Reversing Alarms

Position:

The Netherlands welcomes the initiative from Germany and Japan to standardize and limit the sound emission from Reversing Alarms as given in informal document 64-05, 64-06, 65-06 and 65-07.

We propose to further increase the performance and meanwhile reduce the annoyance of these alarms by requiring a so called “white noise alarm” instead of a “tonal noise alarm”.

Clarification on white noise alarms

Old fashioned reversing alarms have a tonal noise (beeping). Modern variants have a broad band noise or white noise.

White noise alarms were introduced to GRB by CLEPA in 2010 with informal document 52-08 and a consecutive spectacular demonstration in the gardens of the Palais de Nations. White noise alarms are superior to tonal noise alarms in two aspects:

- Superior detection by people surrounding the alarming machine, because white noise alarms can be located, while tonal noise alarms cannot
- Reduced annoyance to the environment

White noise alarms are nowadays massively available on the market. Multiple cities (like New York, London and Amsterdam) are requiring or upgrading these alarms in favor of the existing tonal noise alarms.

See for instance <http://www.bunkerportsnews.com/News.aspx?ElementId=17998e10-c93a-4494-bb99-fc59bdebdf4> or

<https://www.youtube.com/watch?v=k2XxJuAZMKk>

Proposal to update the text of informal doc 64-05

-paragraph 1.2 remove the words "(so called beeper)"

-paragraph 6.2.7.3. amend to read:

“6.2.7.3. In addition, the sound-spectrum of AWD of class III shall have a white noise character without dominant tones”

-paragraph 6.2.7.4. amend to read:

“6.2.7.4. In addition, the sound-spectrum of AWD of class IV shall have a white noise character without dominant tones”

-paragraph 6.3.1: remove the word "beeping"