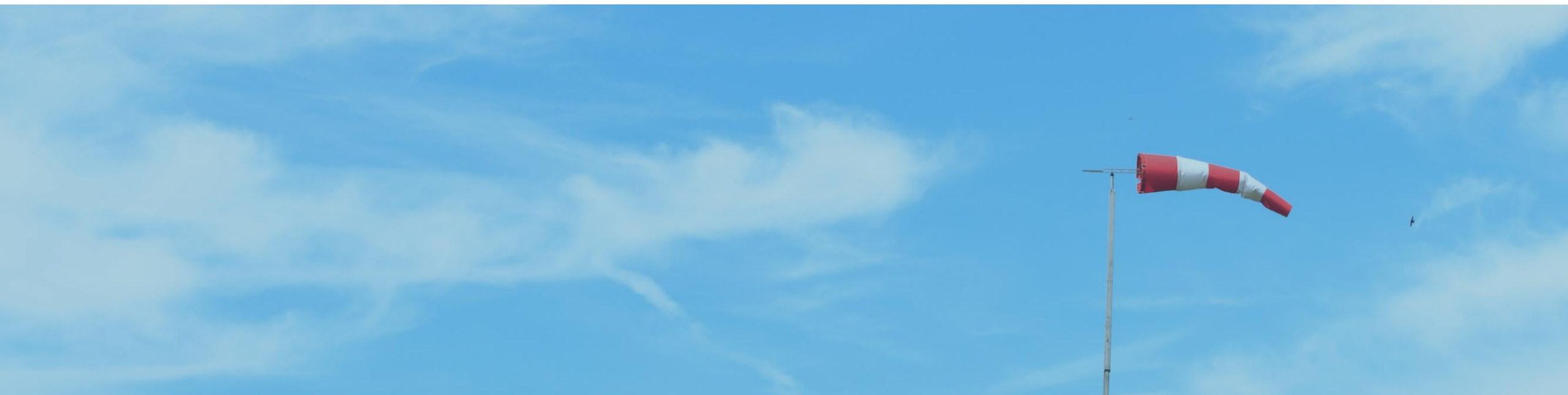




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Changing regulation – Example

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Block #1 Agenda pt. 3



Changing regulation - Identification

- ICAO ADOP JC 11
 - Clarify the use of the term “design value”

Current provision in Annex 14 Vol I, para 10.5.1 to replace light units when 50% of the "design value" is reached leaves authorities and aerodrome operators uncertain about how to exactly apply this provision due to a lack of a definition of the term "design value", leading to different interpretations.

Review, and where necessary, develop new provisions and/or guidance material to clarify the use of the term "design value" for the maintenance of aerodrome visual aids (Annex 14, Vol I, PANS-Aerodromes, Doc 9157 ADM)



Changing regulation – Contributors

- ICAO ADOP JC 11
 - Clarify the use of the term "design value"

Proposal for amended regulation to ICAO, developed through a close collaboration with multiple national aviation authorities, multiple aerodrome operators and with manufacturers of AGL.



Changing regulation – Contributors

- ICAO ADOP JC 11
 - Clarify the use of the term "design value"
 - Standard 10.5.1 has been amended and not longer uses the term "design value".
 - Guidance has been amended and extended to better explain how to apply the standard and the related figures and tables.
 - Loos ends have been dealt with, further limiting the possibility for false interpretation.



Changing regulation – Outcome

- *ADOP4 WP8 item 2.6 Proposed change to 10.5.1:

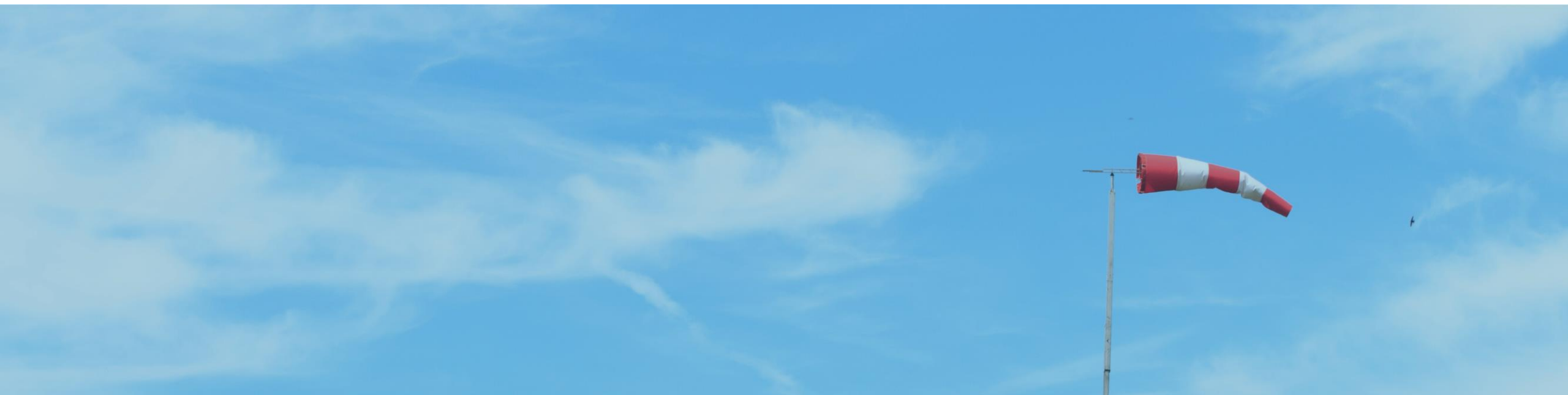
10.5.1 A light shall be deemed to be unserviceable when the main beam average intensity is less than 50 per cent of the value specified in the appropriate figure in Appendix 2. ~~For light units where the designed main beam average intensity is above the value shown in Appendix 2, the 50 per cent value shall be related to that design value.~~ For light units where the main beam average intensity is required to be higher than the value specified in the appropriate figure in Appendix 2, a light shall be deemed to be unserviceable when the main beam average intensity value is less than 50 per cent of this higher value and not the value specified in Appendix 2.

Note.- Guidance on maintenance criteria for aeronautical ground lights, on the use of a site standard and on using a higher main beam average intensity is contained in the Aerodrome Design Manual (Doc 9157), Part 4.

**Amendment proposal pending approval, for illustration purposes only*



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