



NHV

OFFSHORE WINDFARM OPERATIONS IN THE NORTH SEA - OBSTACLE DATABASES

AMSTERDAM

04/11/2024

OFFSHORE WINDFARM OPERATIONS IN THE NORTH SEA

OBSTACLE DATABASES

01 Obstacle data

02 HTAWS

03 EFB – moving map

04 Conclusion



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OBSTACLE DATABASES – OBSTACLE DATA

THE OBSTACLE DATA IS ACQUIRED FROM THE IAP'S FOR USE IN BOTH HTAWS AND MOVING MAPS

HTAWS DATA REQUIREMENT

- THE DAT PROVIDER SHALL USE DATA AND INFORMATION THAT IS RELEASED BY AN AUTHORITATIVE SOURCE
- IN SPECIFIC CASES THE DATA MAY BE ORIGINATED BY THE DAT PROVIDER ITSELF.
- WHEN SO REQUESTED THE DAT PROVIDER MAY PROCESS TAILORED DATA PROVIDED BY THE AIRCRAFT OPERATOR OR ORIGINATING FROM OTHER DAT PROVIDERS FOR USE BY THAT AIRCRAFT OPERATOR.
THE RESPONSIBILITY FOR THIS DATA AND ITS SUBSEQUENT UPDATE SHALL REMAIN WITH THE AIRCRAFT OPERATOR.

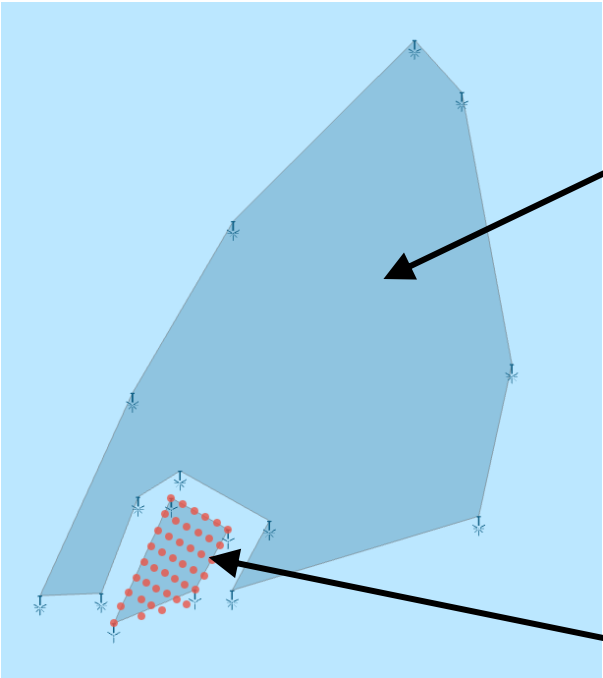
REF: COMMISSION IMPLEMENTING REGULATION (EU) 2017/373 DAT.OR.100



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OBSTACLE DATABASES – OBSTACLE DATA

DATABASES ARE BASED ON OBSTACLE DATA PUBLISHED IN THE IAIP’S, THIS INFORMATION IS NOT IDENTICAL IN EACH COUNTRY.



Designation		Type of obstacle	Co-ordinates	HGT/ELEV in FT		OBST LGT Type/Colour
ID	Location			AGL	AMSL	
1		2	3	4		5
424	Aalten	8 wind turbines (area)	515755N 0063155E - 515803N 0063212E - 515735N 0063326E - 515723N 0063314E - 515755N 0063155E	459	525	OBST/R

ID	TIPO TYPE	ELEVACIÓN ELEVATION	ALTURA HEIGHT	COORDENADAS (*) COORDINATES (*)
07-570-1	Turbina Eólica/Windmill	980.17	123	384024.1718N 0012443.6229W
07-570-10	Turbina Eólica/Windmill	1052.07	123	384123.8391N 0012403.0565W



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OBSTACLE DATABASES - HTAWS

BELOW THE REALITY WHEN THE IAIP DOESN'T CONTAIN CORRECT INFORMATION:



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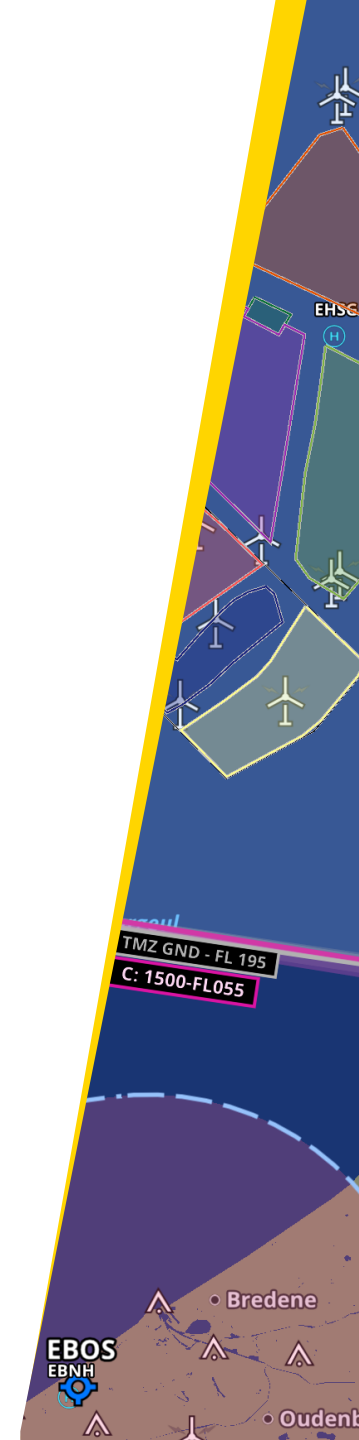
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OBSTACLE DATABASES - EFB – MOVING MAP

BELOW A SCREENSHOT WITH AND WITHOUT THE USER MAP LAYER



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OBSTACLE DATABASES - CONCLUSION

YOU CAN HAVE THE BEST SYSTEM IN THE WORLD,
IT IS USELESS WITHOUT A CORRECT AND COMPLETE
DATA SET.





Thank you for
your attention!