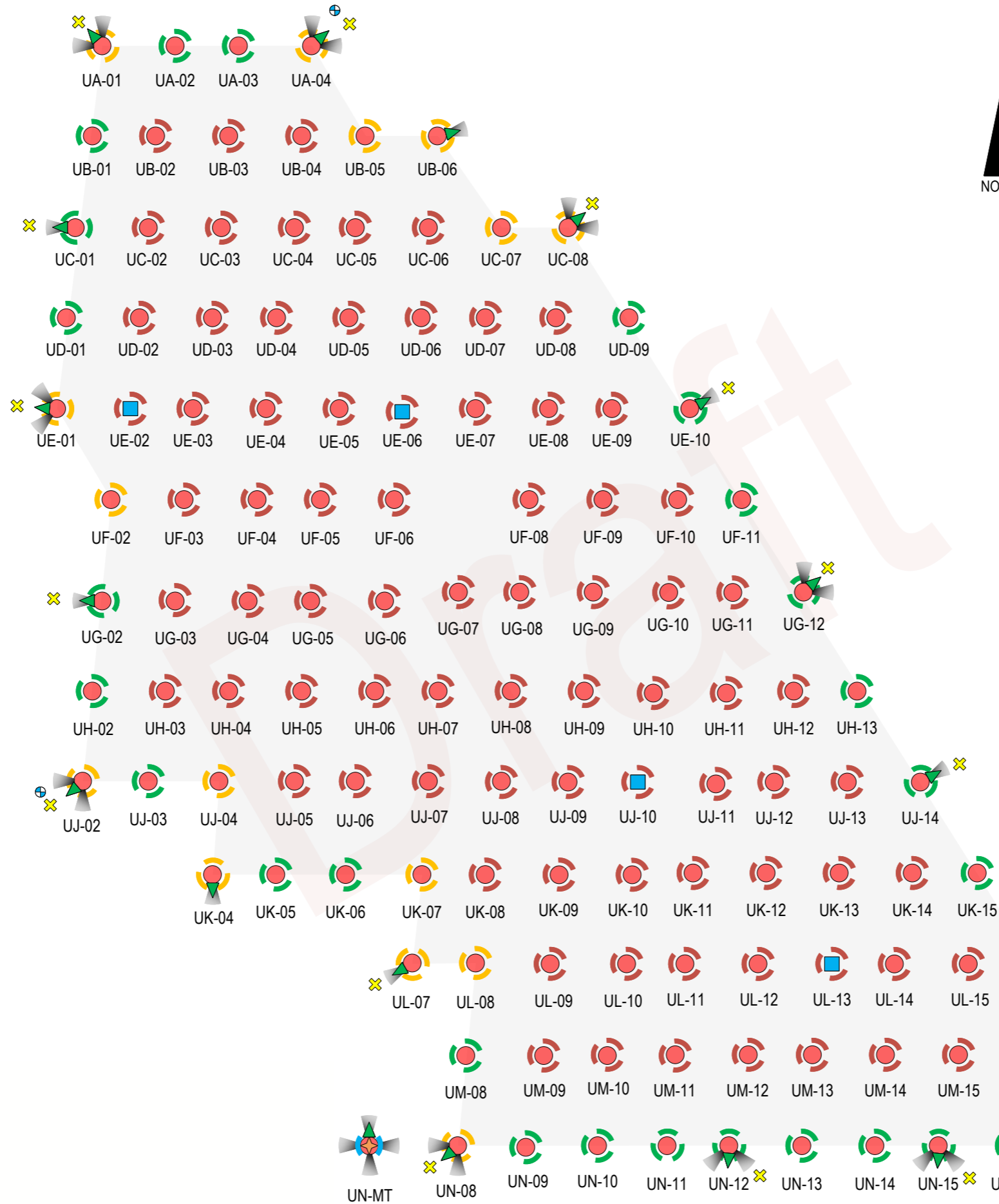


Note: Wind farm layout is subject to national authority approval.



LEGEND

- Turbine
- Medium intensity obstruction lights (x2)
+ low intensity obstruction tower lights (x4)
+ helicopter hoist status light
- Significant Peripheral Structures (SPS)
Synchronised yellow lights (QY, 0.3s on, 0.7s off, 60 fpm)
Visible range 360° horizontally up to 9.3 km (5 NM)
- Peripheral Structures (PS)
Synchronised yellow lights (FL 2.5s, 1.0s on, 1.5s off, 12 fpm)
Visible range 360° horizontally up to 5.6 km (3 NM)
- Inner Structures (IS)
Synchronised yellow lights (FL 10s, 1.0s on, 9.0s off, 6 fpm)
Visible range 360° horizontally up to 3.7 km (2 NM)
- White lights (10 NM)
- Directional 2 NM fog signal
Sound blast range 3.7 km (2 NM)
Sound blast every 30s (4s on, 26s off)
- Mariner Radio Activated Sound Signal (MRASS)
Activation with VHF radio frequency 83A, 5 times within 10s.
+ marine visibility meter
- Automatic Identification System (AIS)
- Aviation visibility meter
- Offshore substation (OSS)
- Met mast



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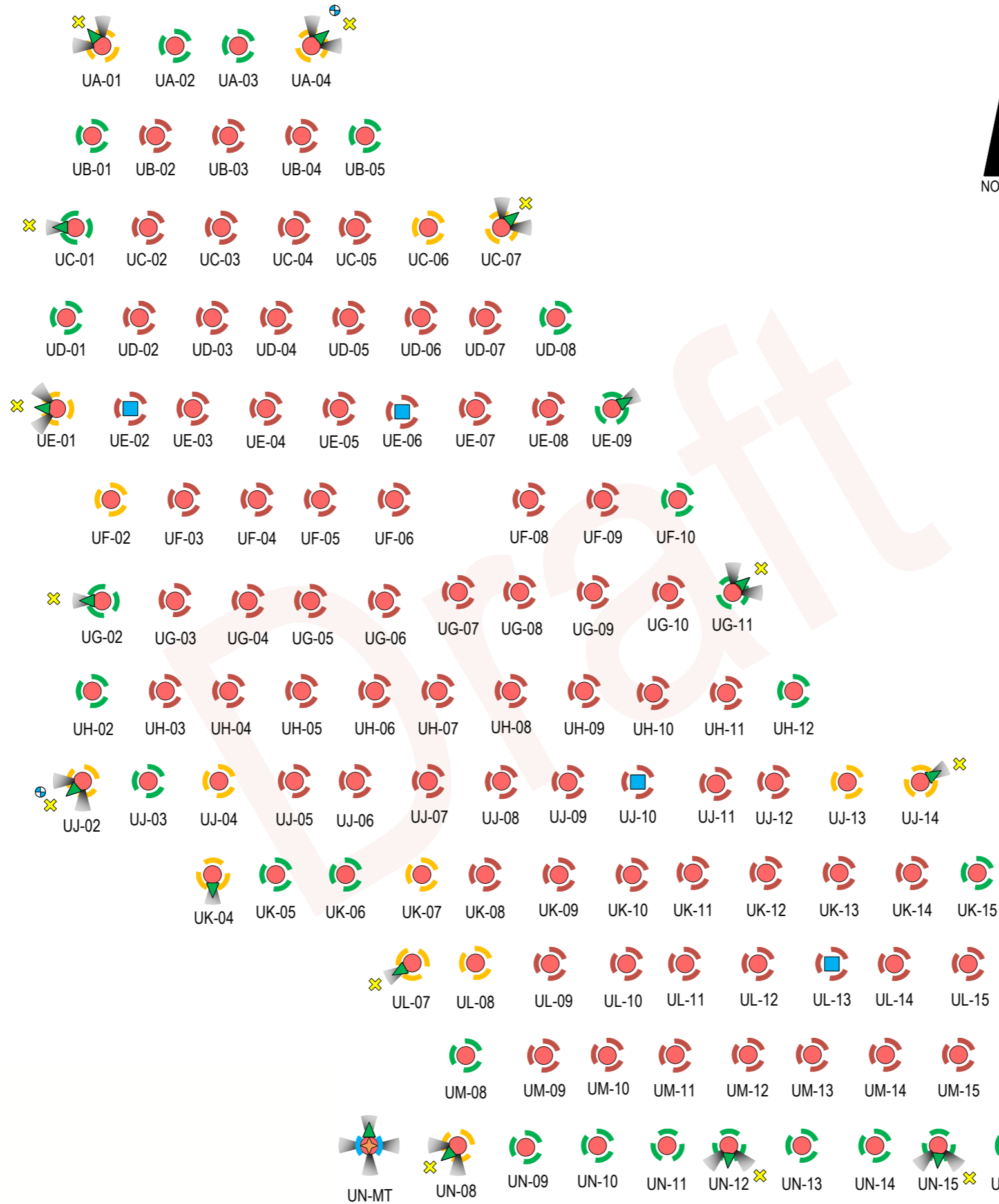
PROJECT NAME: **Marland**
Standard Layout

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EMPLOYER	US Wind	PROJECT REF.	MLD	DOCUMENT TYPE	ELD	CLASSIFICATION	RESTRICTED	REVISION	01	DOC. NO.	MLD-WTG-USW-ELD-003
PART NO. / RDS-PP	-	PREPARED BY	DP	CHECKED BY	-	APPROVED BY	-	CREATE DATE	24/10/2022	CHANGE DATE	24/10/2022
									SHEET	1 / 2	

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Note: Wind farm layout is subject to national authority approval.



LEGEND

- Turbine
- Medium intensity obstruction aviation lights (x2)
+ low intensity obstruction tower lights (x4)
+ helicopter hoist status light
- Significant Peripheral Structures (SPS)
Synchronised yellow lights (QY, 0.3s on, 0.7s off, 60 fpm)
Visible range 360° horizontally up to 9.3 km (5 NM)
- Peripheral Structures (PS)
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PROJECT NAME: **Marland**
 TITLE: **Layout 1NM TSS setback**

EMPLOYER	US Wind	PROJECT REF.	MLD	DOCUMENT TYPE	ELD	CLASSIFICATION	RESTRICTED	REVISION	01	DOC. NO.	MLD-WTG-USW-ELD-003
PART NO. / RDS-PP	-	PREPARED BY	DP	CHECKED BY	-	APPROVED BY	-	CREATE DATE	24/10/2022	CHANGE DATE	24/10/2022
									SHEET	2 / 2	

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