

沃 旭 能 源 股 份 有 限 公 司 函

聯絡地址：110411 台北市信義區松智路1號19樓

聯絡人：戴品軒

電話：0905-529-721

電子信箱：vitai@orsted.com

受文者：交通部航港中部航務中心

435台中市梧棲區中橫十一路18號

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發文文號：2023-OTW-0013

附件：浮動式光達 Floating Lidar 規格說明文件

主旨：有關本公司擬於台中苗栗外海佈放浮動式光達 Floating Lidar 相關事宜，詳如說明，請查照。

說明：一、有關本公司與「沃能一號離岸風力發電股份有限公司籌備處」、「沃能二號離岸風力發電股份有限公司籌備處」之氣象觀測工作之相關團隊合作，因光達自先前佈放位置移位，緊急搶救後將光達托送回台中港。擬於112年4月30日前台中苗栗外海重新安置浮動式光達 Floating Lidar 進行資料蒐集。佈放座標等說明如下：

FLD 2(Akrocean WS18)原座標

經度：120°07'32.946"E

緯度：24°30'21.031"N *WGS84

FLD 2(Akrocean WS18)重新佈放座標

經度：120°7'32.95"E

緯度：24°30'4.85"N *WGS84

外觀：船型載具(長度5.1M，水面上高度約1.2M，寬度3M)

燈質：每20秒閃5次

見距：2-4海浬

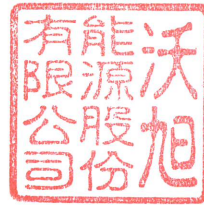
已裝設AIS，MMSI號碼：994161072

二、茲檢附浮動式光達 Floating Lidar 規格說明文件((詳附件)供貴局參考。敬請貴局協助佈航船佈告

三、 本案緊急聯絡人：大躍離岸運維股份有限公司 02-2531-8677

正本：交通部航港局中部航務中心

副本：台中區漁會、通苑區漁會、大躍離岸運維股份有限公司





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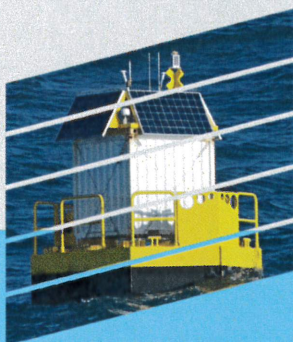
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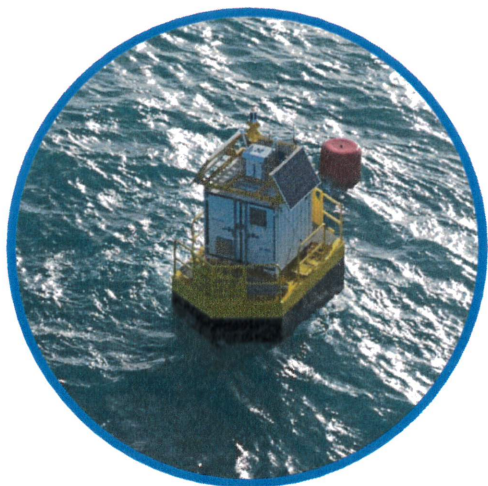


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- ┆ 365/7 monitored (via onshore center)
- ┆ Robust and Sea Proven
- ┆ Eco-Friendly (No diesel on board)
- ┆ High O&M and QHSE expertise
- ┆ Plenty of power available
- ┆ Safe work on-board

Offshore Wind Assessment

- ┆ 3D FlightTrack Radar from DIADES MARINE embedded
- ┆ Advanced Real-Time 3D Detection, positioning & tracking
- ┆ Maximum range 10km (birds) / 30 km (vessels)
- ┆ Passive and Active motion compensated
- ┆ 365/7 monitored (via onshore center) and migration alerts
- ┆ High Maritime & Environmental partners' expertise
- ┆ Eco-Friendly (No diesel on board)
- ┆ Turn-key data delivery
- ┆ Field Validation with ornithologist



Birds & Bats Assessment



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- ┆ Plug & Play data logging and management systems
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- ┆ Up/Down scaling of the system directly at sea
- ┆ 365/7 onshore monitored
- ┆ Sharable with WINDSEA or FLY'R SEA
- ┆ Eco-Friendly (No diesel on board)

Environmental Assessment