

# Reducing the disturbance from maritime activities on breeding Yelkouan Shearwater in Malta



LIFE Arċipelagu Garnija LIFE14 NAT/MT/991  
Securing the Maltese Islands for the Yelkouan Shearwater  
Project Closing Webinar 9-10 July 2020

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BirdLife Malta





How bad is disturbance?




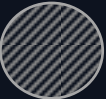



How bad is disturbance?





# Where is it happening?

-  Yelkouan Shearwater breeding colony
-  Seabird seaward extension
-  Bunkering area



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



What is happening?





What is happening?



What is happening?





How often does it happen?





# Mitigation efforts: Enforcement

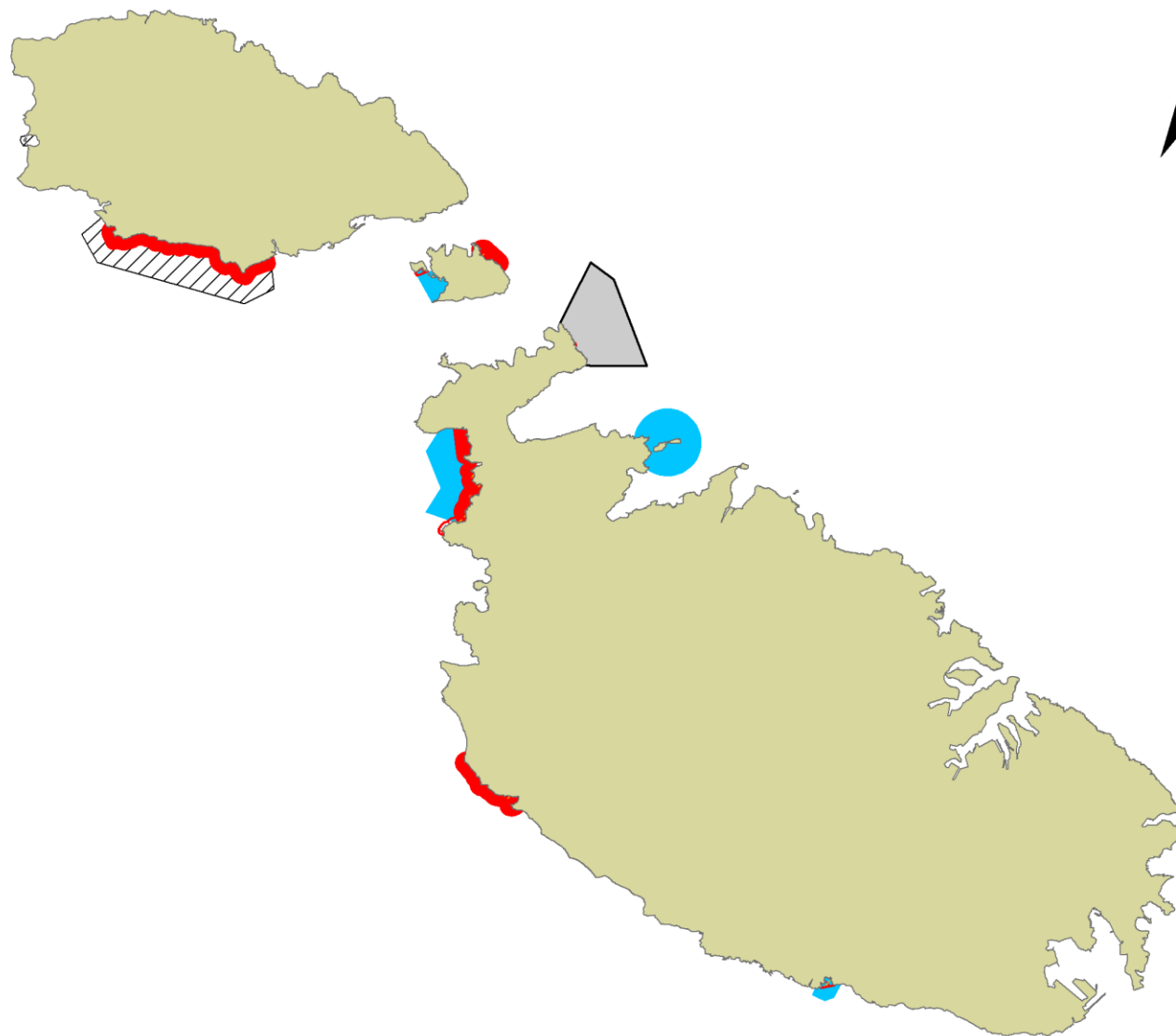




# Notice to Mariners Proposals 2019



0 5 10 Nautical Miles



## ZONE 1:

1.1NM no stopping zone  
except for fishing and diving vessels  
no lights, no sound, no firework.  
All year, all times.



## ZONE 2:

No navigation and anchoring  
except for fishing and diving vessels.  
All year, all times.



## ZONE 3:

No navigation and anchoring  
except for fishing  
(category MFA, MFB, MFC)  
and diving vessels.  
All year, all times.



## ZONE 4:

Restricted area:  
Maximum speed 10Kn.  
Only compulsory lights, sound.  
All year, all times.



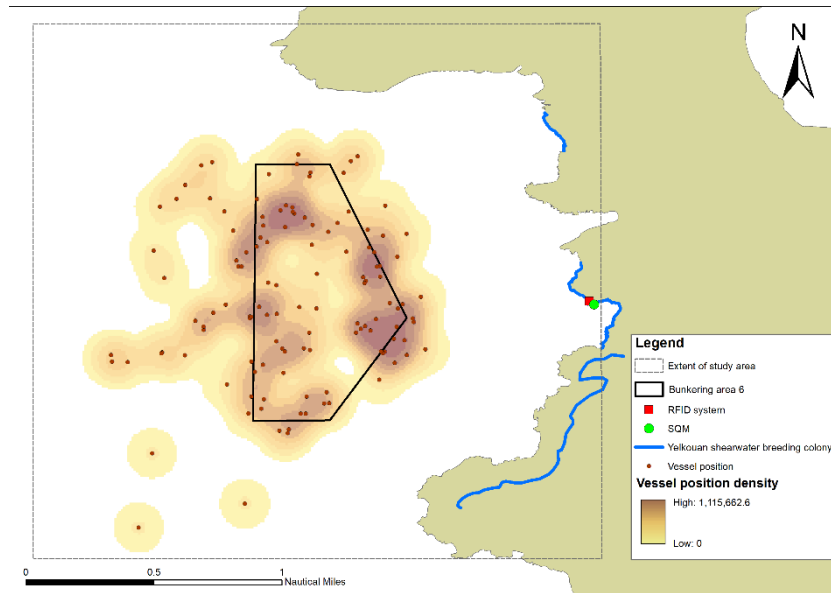
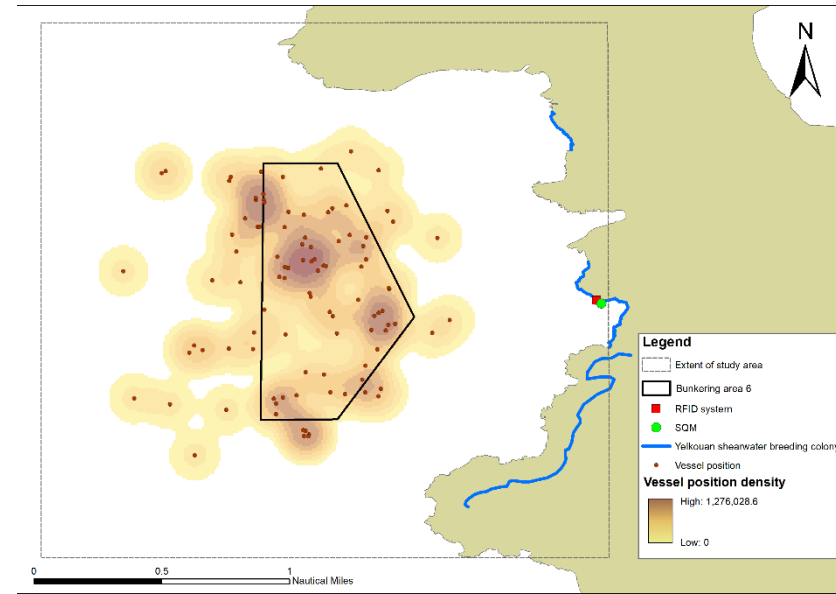
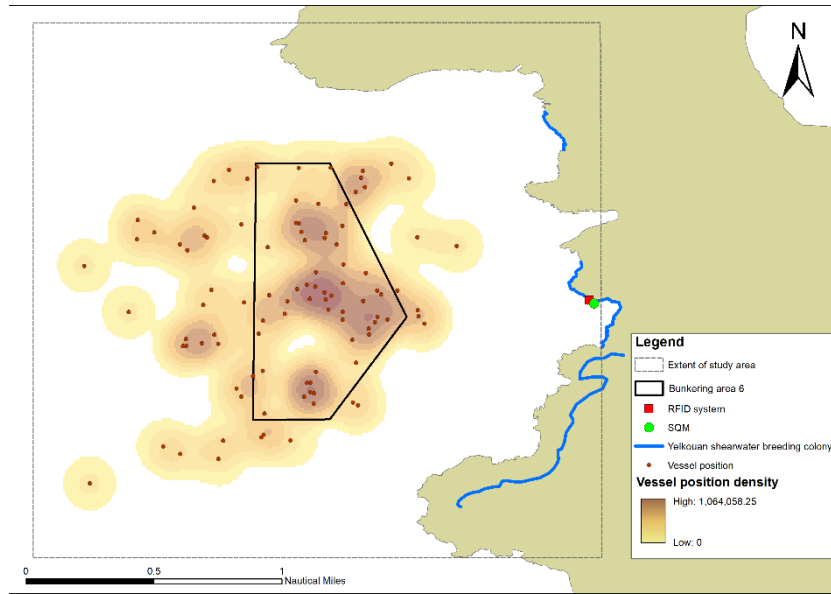
## ZONE 5:

Restricted area:  
Only compulsory lights, sound.  
All year, all times.





# Mitigation efforts: AIS analysis





# Results and conclusions





Questions?

