



Centre for International Law Singapore

UKCPC

Alasdair Wilkie

UKCPC – Chairman

Director, Marine & Projects – Hibernia Atlantic



UKCPC – Regional Practices

- Membership
- Area of Coverage
- Government Interaction
- Permitting Requirements
- Kingfisher Information Systems
- SubGroups
- Offshore Windfarms

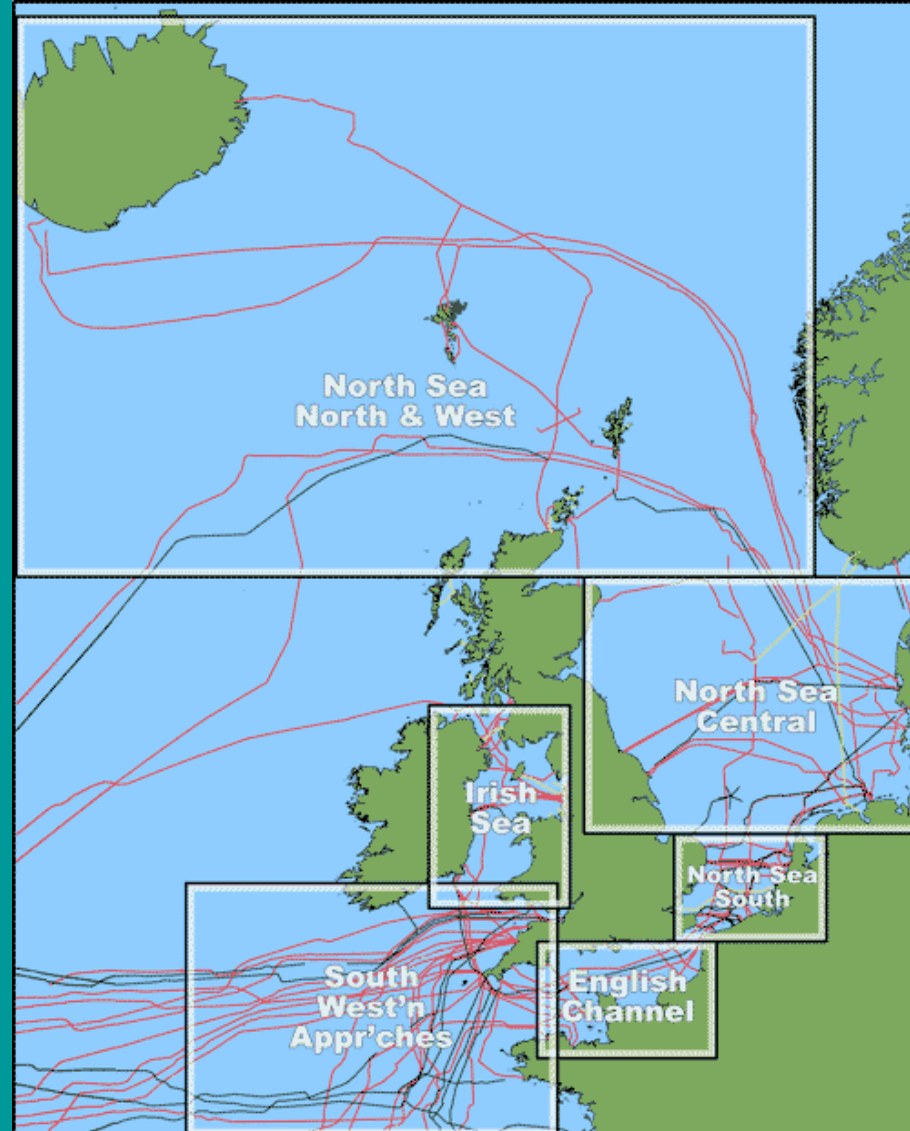


Membership

- Total of 42 members
 - 21 Telecommunication Cable Owners
 - 5 Power Cable Owners
 - 4 Windfarm Developers or Operators
 - 12 Associates including system suppliers, installers, survey companies and consultants
 - Military Cables are represented



Area of Coverage





Government Interaction

- Meet Regularly with
 - The Crown Estate (land owner within UK TW)
 - Marine Management Organisation – responsible for all permitting and licensing
 - Natural England and Joint Nature Conservation Council – Government body responsible for environmental issues within UK TW and EEZ
 - Department of Business Innovation and Skills – Government Department responsible for Telecommunications
 - Devolved Governments of Scotland, Northern Ireland & Wales



Permitting Requirements for Maintenance

COUNTRY	Permit	Approval	NOTIFICATION	SUBMISSION DURATION
France TW + EEZ	No	No	Yes	As far as possible in advance of operations
UK TW+EEZ	No	No	Yes	As far as possible in advance of operations
Iceland TW + EEZ	No	No	Yes & Notice to Mariners	As far as possible in advance of operations
Faroe Islands TW + EEZ	No	No	Yes	As far as possible in advance of operations
Ireland TW + EEZ	No	No	Yes	As far as possible in advance of operations
Germany TW + EEZ	No	No	Yes	As far as possible in advance of operations
Netherlands TW + EEZ	No	No	Yes	As far as possible in advance of operations
Belgium TW + EEZ	No	No	Yes	As far as possible in advance of operations
Denmark TW + EEZ	No	No	Yes	As far as possible in advance of operations

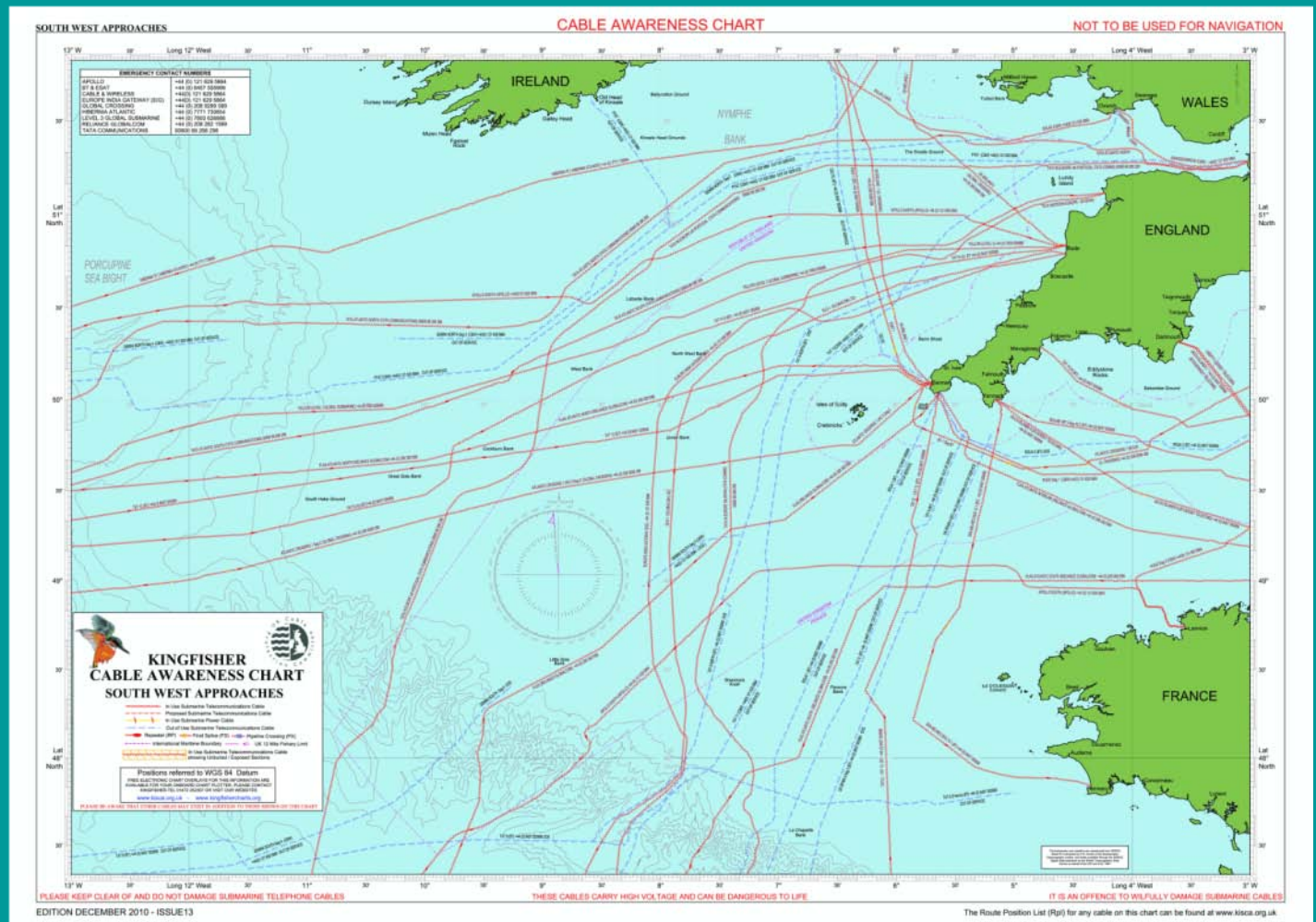


Kingfisher Information Systems

- Kingfisher Information Systems
Cable Awareness – KISCA
(www.kisca.org.uk)
 - Run by Seafish on behalf of the UKCPC, jointly funded by the cable owners and the European Union.
 - Provides cable awareness charts and disks to fishermen in many formats
 - Attend conferences and Expos to raise awareness of cables



KISCA



CIL Singapore
 April 2011



Subgroups

- Three subgroups as well as an Executive Committee exist within the UKCPC, each subgroup is responsible for a number of guidelines as well
 - Maritime Subgroup
 - KISCA, AIS & VMS, Fisheries Liaison
 - Renewables Subgroup
 - Windfarm Interaction, Other renewables
 - Technical and Regulatory Subgroup
 - Legislation, Technical Papers



Offshore Windfarms

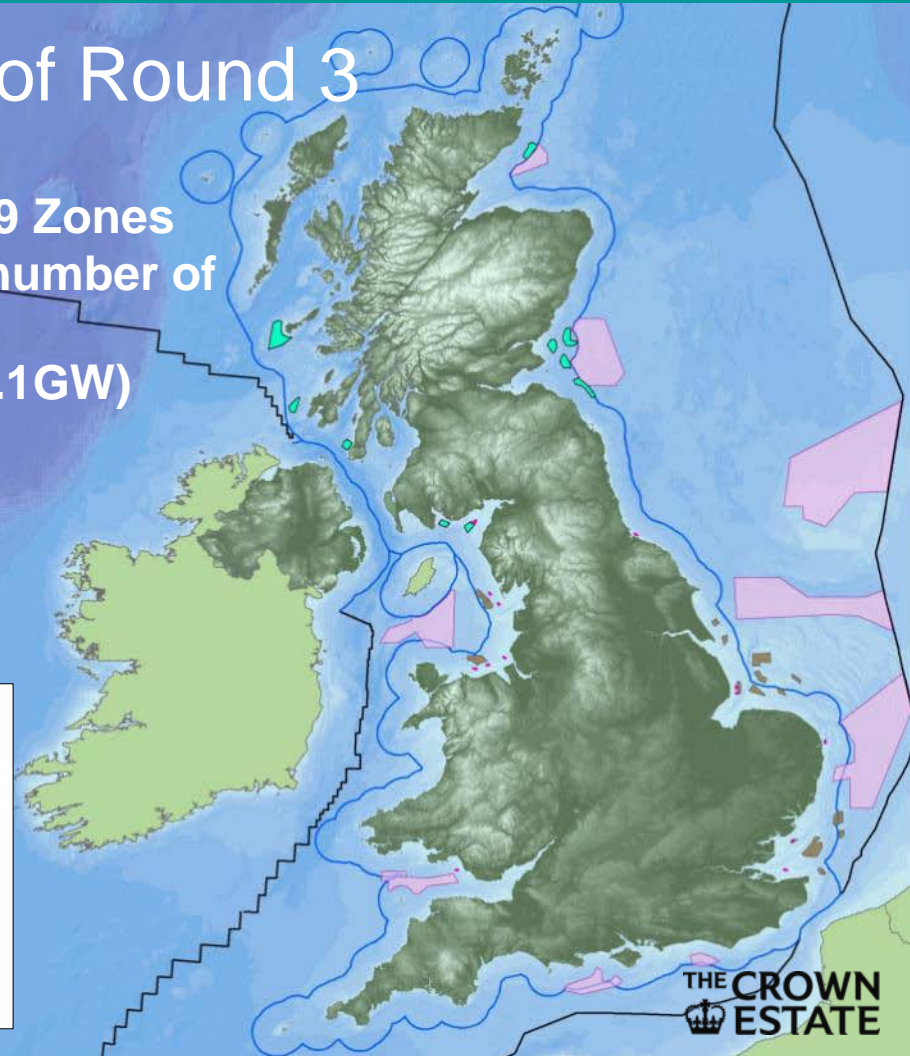
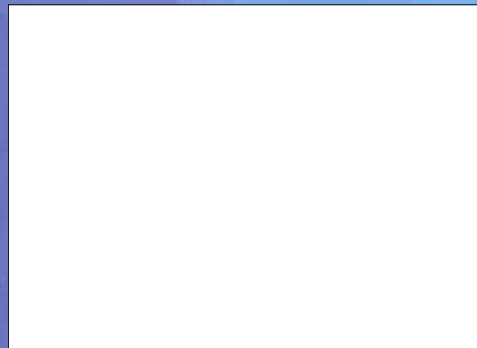
- Numerous new Windfarms are proposed off the coast of the UK and other European countries
- This has led to major interaction with existing cables
- UKCPC are leading the way with an Engineering Best Practice on separation and ensuring maintainability of current infrastructure, as well as leaving space for future cables.



Windfarms

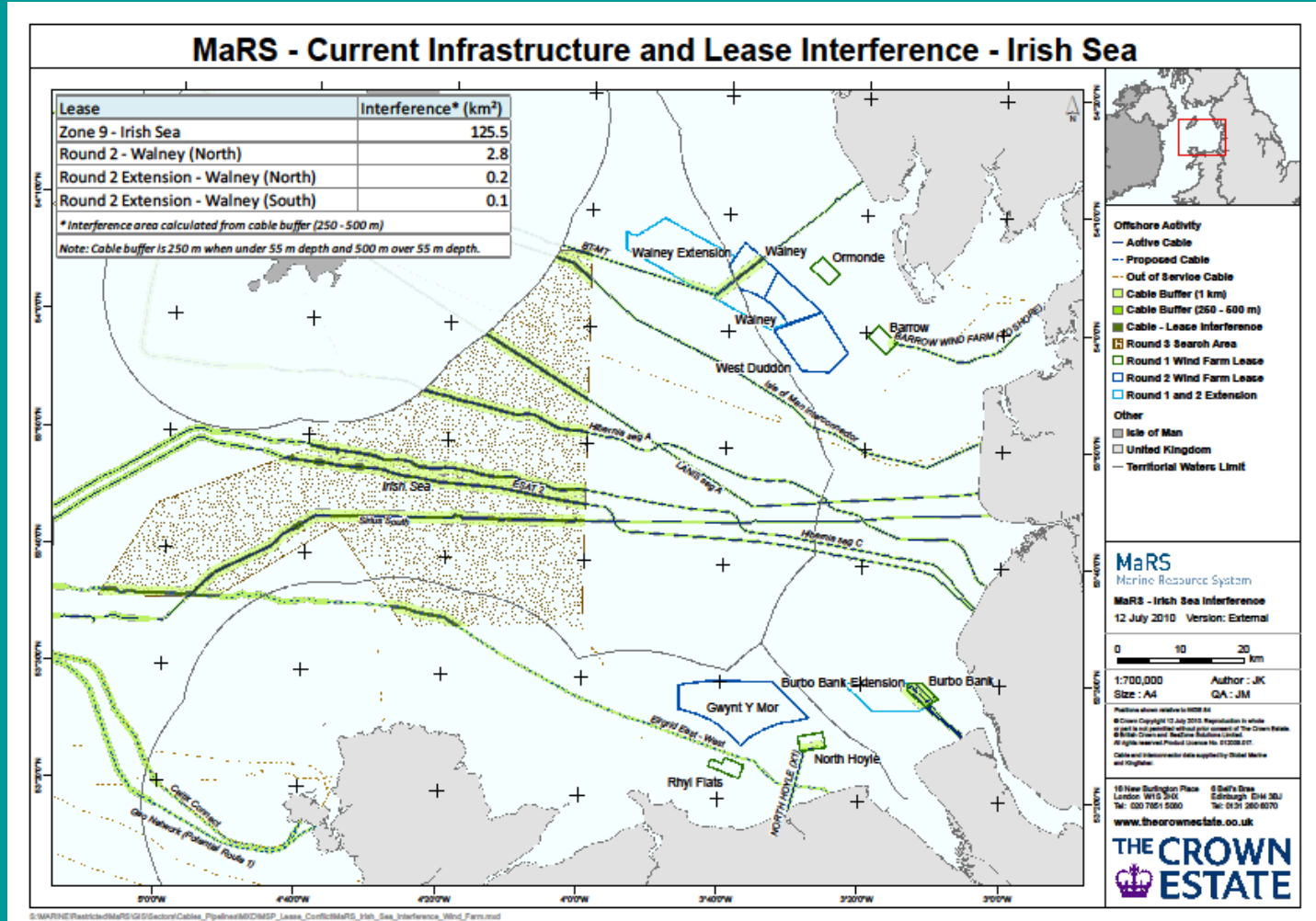
Relative scale of Round 3

R3 (32GW potential): 9 Zones
each consisting of a number of
projects
+ R1 (1.1GW) + R2 (7.1GW)
+ STW (5.7GW) + ext
(1.5GW)





With interactions in the Irish Sea



CIL Singapore
 April 2011

Courtesy of the Crown Estate



Windfarms - Consultation

- Consultation with new and existing seabed users and landlords has come up with a plan:-
 - early consultation is essential
 - sharing knowledge of the seabed where commercially possible
 - having due respect for the requirements of existing seabed users
 - agree an arbitration methodology



Any Questions?

www.ukcpc.org.uk

CIL Singapore
April 2011