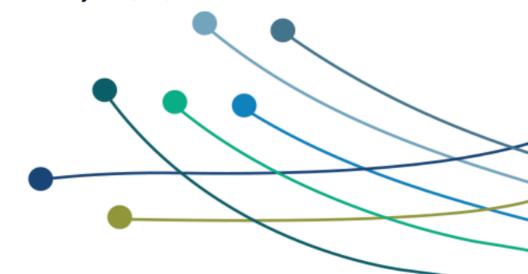
### Dublin bay prawn Surveys, Sampling, Assessment, Advice



### **Proposed agenda:**

- Welcome and round table introductions.
- FEAS Marine Institute Fishing Survey Assessment Advice cycle (JW)
- Nephrops FIP
- Review of UWTV surveys (JD)
- Sampling and data sources (MÓC)
- Review of assessments and ICES advice (JW)
- Discussion
- Close



### Jonathan White

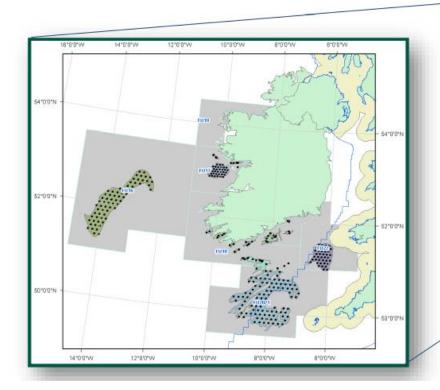
Jennifer Doyle Macdara O Cuaig Colm Lordan

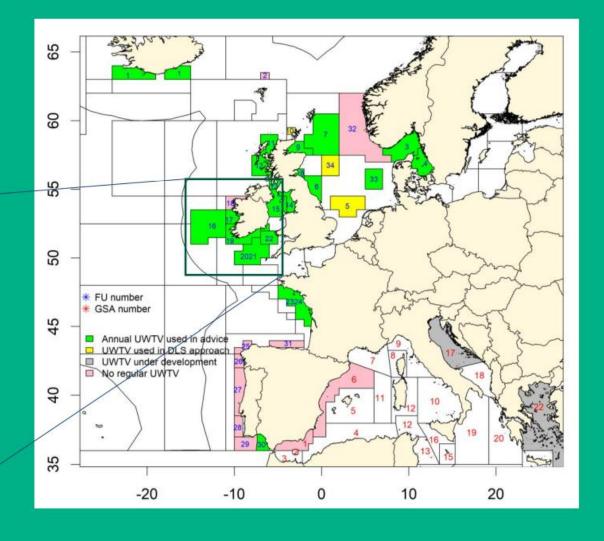
3<sup>rd</sup> Feb 2022



### Nephrops Functional Units in the N-E Atlantic

Red, Green, Yellow are in the ICES area

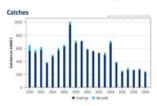


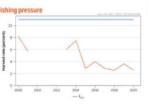


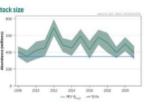
### FU14 East Irish Sea:

### Stock development over time

Fishing pressure on the stock is below F<sub>MBY</sub> and stock size is above MSY B<sub>trigger</sub>.





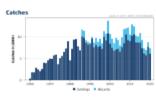


Norway lobster in Division 7.a, Functional Unit 14. Summary of the stock assessment. Catches, harvest rate (sum of landings and dead discards in numbers, divided by stock abundance), and stock abundance (underwater TV survey). No reliable harvest rate estimates exist for the period 2010–2012 because of insufficient catch sampling. The harvest rate in 2020 is derived from 2017–2019 sampling.

### FU15 West Irish Sea:

### Stock development over time

Fishing pressure on the stock is below Fasty, and stock size is above MSY Bulgar.





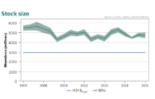
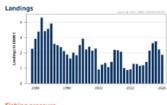


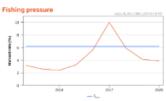
Figure 1 Norway lobster in Division 7.a, Functional Unit 15. Summary of the stock assessment. Catches (discard data are only available from 1986), hawset rate (sum of landings and dead discards in numbers, divided by stock abundance), and stock abundance (underwater 1V survey). Marvest rates between 2004 and 2006 may be underestimated because of underreporting of landings.

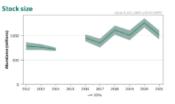
### **FU16 Porcupine:**

### Stock development over time

Fishing pressure on the stock is below FMSF, and no reference points for stock size have been defined for this stock.







ure 1 Norway lobster in divisions 7.b-c and 7.j-k, Functional Unit 16. Summary of the stock assessment. Landings (between 1979–2015 discarding is considered negligible; from 2016 onwards, discards are not quantified), harvest rate (sum of landings in numbers, divided by stock abundance), and stock abundance (underwater TV survey). The harvest rate in 2015 was calculated using an interpolated value for abundance, as no survey data are available for 2015.

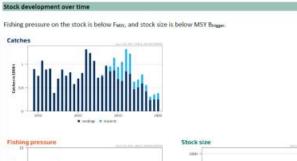
### FU17 Aran Grounds, Galway Bay & Slyne Head:

# Fishing pressure on the stock is below Fuer, and stock size is below MSY Bingger. Catches Fishing pressure Fishing pr

Figure 1 Moreary lobeter in Division 7.b, Functional Unit 17. Summary of the stock assessment. Catches (discard data are only availables since 2001), harvest rate (sum of landings and dead discards in numbers, divided by stock abundance), and stock abundance (underwater TV survey).



### FU19 SW and SE Coast:





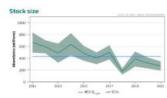


Figure 1 Norway lobster in divisions 7.a, 7.g, and 7.j. Functional Unit 19. Summary of the stock assessment. Catches (discards are only available from 2006 onwards), harvest rate (sum of landings and dead discards in numbers divided by stock abundance), and stock abundance (underwater 17 survey).

### FU20-21 Labadie, Jones & Cockburn:

https://www.ices.dk/cites/pub/Publication/SORemorts/Advice/7075/2075/pep-fu/2071.ndf

# Fishing pressure on the stock is below Fises, and stock size is above MSY Berger. Catches Fishing pressure Stock size Stock size Stock size

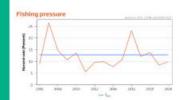
igure 1 Norway lobster in divisions 7,g and 7.h, functional units 20–21. Summary of the stock assessment. Catches (discard data only available from 2012), harvest rate (sum of landings and dead discards in numbers divided by stock abundance), and stock abundance (underwater TV survey).

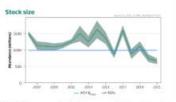
### **FU22 The Smalls:**

Stock development over time

Fishing pressure on the stock is below Figure and stock size is below MSY Brigger.

Catches





Norway lobster in divisions 7.g. and 7.f., Functional Unit 22. Summary of the stock assessment. Catches (discard data only available from 2003), harvest rate (sum of landings and dead discards in numbers, divided by stock abundance), and stock abundance (underwater IV source).

