Cefas/IMARES/RWS - joint delivery of Dutch IBTS survey 2015





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Rijkswaterstaat Ministry of Infrastructure and the Environment IMARES

Institute for Marine Resources and Ecosystem Studies



This is the context...

- IMARES requirement to deliver North Sea International Bottom Trawl Survey (IBTS) in Jan/Feb 2015
- RWS are vessel provider to IMARES
- Regular vessel (Tridens) not available due to major re-fit
- Suitable vessel replacement required
- IMARES/Cefas scientific links
- RWS speak to Cefas in relation to Cefas
 Endeavour June 14
 Cefas

Tridens

- Length 73.00 m
- ICES compliant
- Beam 14 m
- Draught 5m
- Gross Tonnage 2199
- Commissioned 1990
- Maximum scientific complement 13
- Winches Suite of fishing and survey winches
- Side Gantry
- Stern Gantry

RV Cefas Endeavour

- Length 73.00 m
- ICES compliant
- Beam 15.80 m
- Draught 5.5m (8.2m with drop keel)
- Gross Tonnage 2983
- Commissioned 2003
- Maximum scientific complement 17
- Propulsion System AC/DC Diesel Electric
- Thrusters Bow and stern thrusters (DP0)
- Winches Suite of fishing and survey winches
- Side Gantry
- Stern Gantry





Good match

Survey planning

- Initial RWS/IMARES visit Cefas Endeavour June 14 to view vessel
- Technical survey meeting between Cefas and IMARES– July 14
 - GOV survey daytime
 - MIK net overnight
 - Survey team combined RWS x 4 /IMARES x 4 /Cefas x 2 /P&OMS (vessel managers and crew)
 - 44 GOV and 90 MIK net sites proposed

Second RWS/IMARES visit - Nov 14

- IMARES nylon GOV trawl
- Cefas trawl doors and Scanmar
- IMARES MIK nets
- Cefas CTD
- Cefas USBL







Cefas

Admin/contracting/H&S

- Agreed a BIMCO supplytime charter party agreement
- Risk Assessments, Standard Operating Procedures, COSHH adapted and signed
- Sea survival certs and ENG1 medical equivalents agreed
- International survey permissions



Procedures and Guidance (PaG) 28 FIELDWORK (INCLUDING WORKING IN, ON OR NEAR TO WATER)

Survey delivery

- 28th Jan 13th Feb 2015
- Transit Lowestoft to Scheveningen
 and return
- Mob/demob Scheveningen (1 day either end)
- IMARES/Cefas/RWS/P&OMS crew
- 44 GOV fishing stations
- 90 MIK net stations
- All aims completed
- Zero weather down time for fishing activity





Dirk van Rijn, IMARES

Ralph van Hal, IMARES





Ralph van Hal, IMARES

Dirk van Rijn, IMARES



Post survey

- Wash up discussions
- Looking to work with RWS/IMARES to deliver further survey work
- Potential for more strategic partnership with RWS
- Exploring partnership working with others



Maurits Heijden, RWS



Endeavour schedule – 15/16

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