



1 of 1
Clear

SD NORTHERN RIVER Sailing
as NORTHERN RIVER
Platform Supply Ship



Watching ShipDetail AIS Detail



Status Track Notes

IMO	9179323
MMSI	235090402
Callsign	2FDV4
Last Seen	Live
Last port	Portland (United Kingdom) 15 Apr 2022
Position	50°48'26.15" N 1°06'16.25" W
Destination	Portsmouth United Kingdom
ETA	30 Apr 2022 8:00 UTC
Heading	89°
Speed	0.0 knots (service 12.0 knots)
Status	Moored
Length	83.80 m
Breadth	18.00 m
Draught	5.0 m (max 6.3m)
Deadweight	4,550 t
Gross	3,612 t
Age Of Ship	24 years
Operator	Serco Ltd
Technical Mgr	Serco DES&AFBI

more buttons fewer buttons

VOO Assurance Service



ISSUE

How ready are Nations to host a Global Flyaway Submarine Rescue System?

Can Nations reliably achieve an effective Time To First Rescue (TTFR)?

To host a flyaway Submarine Rescue System, a nation will more than likely require a Vessel of Opportunity (VOO). Suitable and available VOOs could be difficult to find in the time of need.

An ongoing and proactive approach to the assessment of VOOs is an excellent way in which Navies can reduce the risk of challenges faced in identifying and mobilising onto a VOO in an emergency. JFD provides a VOO Assurance Service, which helps Navies across the world to proactively do this.

SOLUTION

JFD's VOO Assurance Service encompasses the following:

- **VOO Tracking and Initial Suitability Assessment**
JFD tracks VOOs globally using a custom database. Updated continuously, the database lists the last known position of thousands of commercial offshore vessels, such as Platform Supply Vessels (PSV), Anchor Handling Tugs (AHTS) or other suitable candidate vessels. This is linked to a comprehensive encyclopaedia, which provides rapid access to important information such as working deck area, onboard cranes and handling systems, dynamic positioning capability and contact details for vessel owner/operator.

JFD works with Nations to determine the criteria needed for VOOs for the flyaway rescue systems and provides regular reports to inform operating authorities of the best VOO for an emergency.

- **VOO/MOSHIP Compatibility Investigation and Vessel Engagement**
In support of Bronze Category Status for a VOO, JFD provides a proactive service to engage with vessel owners and acquire initial information to help determine (with confidence) suitability of VOOs for Submarine Rescue Systems.



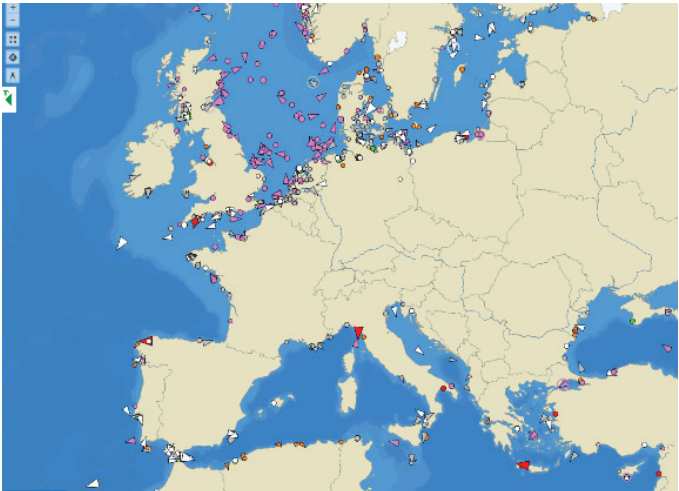
JFD MOSHIP Categorisation

Gold

Silver

Bronze

Uncategorised



- **Vessel Survey**
In support of achieving a Silver Category Status for a VOO, JFD Naval Architects can survey vessels. Utilising James Fisher Asset Information Service, Return to Scene (R2S), JFD can complete a full capture of the vessel creating a digital twin of the vessel that can aid future validation.
- **Embarkation Engineering Data Pack (EEDP)**
To secure Silver Category Status for a VOO and enable a Submarine Rescue System to be successfully embarked, an EEDP is required. JFD can produce the EEDP for Navies and gain approval by the Rescue System Authority and Vessel classification societies.

BENEFITS

JFD VOO Database

- JFD's VOO Database is continuously managed and updated (not relying on volunteer input) - information can be considered to be more relevant and up to date.
- JFD's VOO Database does not rely on a broad set of high-level requirements, it is specific to realistic requirements for Submarine Rescue Systems to feasibly mobilise onto a vessel, and accommodates a larger number of known Submarine Rescue Systems.

R2S VOO Capture

- Greater ability to debrief and provide clarification on the VOO survey and any issues/challenges to overcome for an EEDP.
- In an emergency, if the vessel was to be used then it will assist with planning and the National response to mobilising to the VOO.
- JFD can revisit the vessel again in the future and capture any modification to the system – these can be uploaded to maintain an up-to-date digital twin of the vessel.