



VESSEL INFO

# SW EMPRESS

## SENTINEL STREAMERS

IMO 9687370 / YEAR BUILT: 2015 / FLAG: NORWAY (NIS)

LENGTH

113 M

BREADTH

21.5 / 25.8 M

DRAFT

7.1 M

SPREAD

TOWED

CLASSIFICATION

DNV : 1A1 BIS CLEAN(DESIGN) COMF(V-2)  
DK(+) E0 HELDK(S, H) ICE(1A\*) NAUT(AW)  
RP SPS TMON VIBR

PROPULSION

DUAL SHAFT LINE MECHANICAL. 9.6 MW  
PER PROPELLER

FUEL TYPE

MGO

GROSS TONNAGE

10,146

ENDURANCE AT SEA

53 DAYS

PULLING CAPACITY @ 5KTS

185 TONNES

COMMUNICATIONS

STARLINK AND DUAL VSAT

MAX. TRANSIT SPEED

18.5 KNOTS



SEISMIC INFO

206 KMS of Sercel Sentinel solid streamer

Simultaneous streamer handling 4+ streamers

Powerful Barovane  
412 deflection system

500 MB seismic data per shot

Infield geophysics capacity Reveal  
software including 1920 cores, 1.9 PB  
disk storage, and 10 tape drives

Illustration

Nautilus streamer steering

Nautilus streamer positioning

TRINAV 6 Positioning System

Spread width 1,800 M

Calibrated source with SHarpsig

Gunlink 4000 source control system

Steerable Sources

Summary as of June 2025  
Shearwater reserves the right to alter specifications without prior notice

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# BUILT FOR SAFETY WORLDWIDE



RP propulsion and steering system. In the event of any single failure, vessel continues to be in full control without any disruption.

SPS: Special Purpose Ship. Fully compliant with worldwide offshore safety standards.

Comfort class vessel. Quality hotel accommodation isolated from work areas. Accommodation includes a total of 70 berths within 70 cabins.

# BUILT FOR EFFICIENT OPERATIONS



High Transit speed

Super Wide Streamer spreads with Barovane 412 diverters

Layout enabling efficient ship to ship operations with minimal restrictions (offshore supplies, crew change and bunkering).

Enables efficient management of seismic spread including deployment and recovery.

Full redundancy on components in the seismic spread.

Powerful Diesel propulsion system with 185ton pull at 5 knots

Remote support with 24/7 direct connectivity to vessel acquisition systems.

Dual Westplast high efficiency workboats, one on each side of the vessel.

# BUILT FOR SEISMIC



Propulsion built for maximum fuel efficiency at acquisition speeds.

Ability to expand operational window with deep streamer spreads.

Full and multi azimuth acquisition through single and multivessel acquisition techniques. Rich 4D with steerable streamer and steerable source technology.

Efficient seismic through wide streamer and wide source, triple source and SimSource techniques.

Reveal Seismic Software used onboard every Shearwater vessel.

“Clean Class” and “Clean Design”.  
Overall reduction in gas emissions  
and no overboard discharge

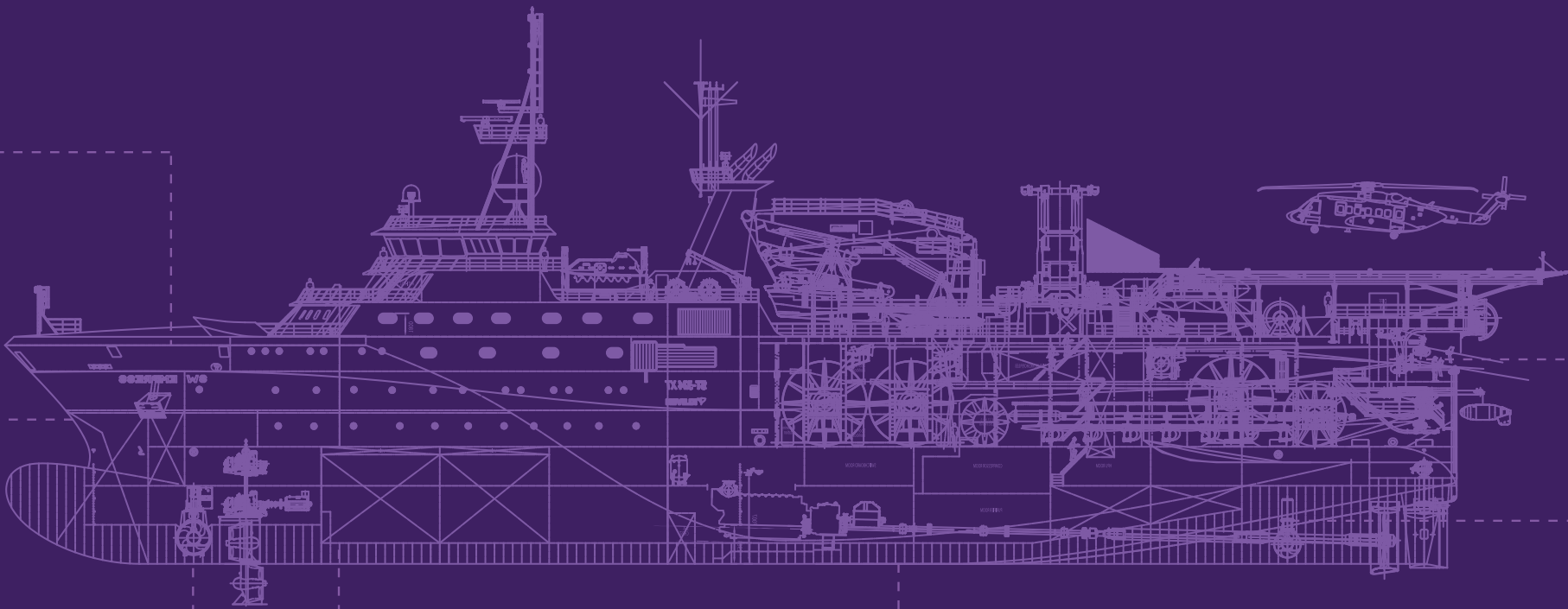
**DNV CLASS**

Winterized and safe  
for Arctic operations

**ICE-1A\*  
CLASS**

Wider Weather  
operational window

**STABLE**



**5** | Knots Hull Efficiency

**53** | Production days fuel capacity  
(MGO Clean Fuel)

**18** | Streamer  
capable

**2** | Independent propulsion and  
steering system RP Class



**SW EMPRESS**

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