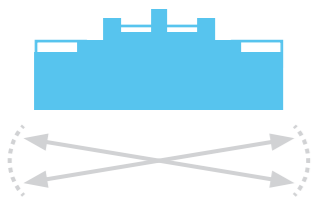


RAMFORM Titan-Class

Engineered for Geoscience



Stability

The Titan design ensures better performance and room for growth. The ultra-broad delta shaped hull provides fantastic seakeeping capabilities and also means a smooth ride.



Endurance

120 days without re-fueling.

Dry docking interval 7.5 years.

Maintenance at sea lowers operating costs.



Redundancy

3 CP propellers, each with 2 motors - fully operational with 2 propellers.

2 engine rooms, each with 3 generators - fully operational with 1 engine room.



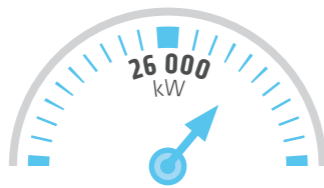
All Weather

Widening the weather window and extending the seasons in northern and southern hemispheres without compromising HSEQ.



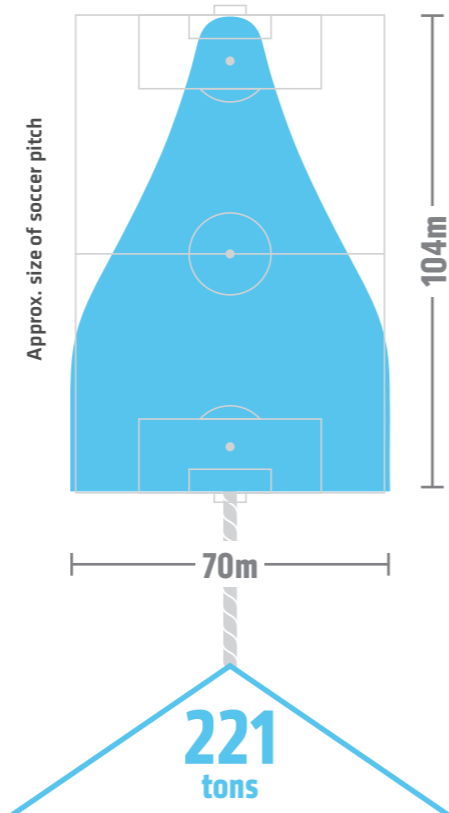
Fuel Capacity

Providing flexibility and endurance.



Power

Additional power enables more in-sea and onboard equipment.



Wire Pull @ 4.5 kts

This measures towing force through the water and is a more realistic representation of towing capability than bollard pull.

Space = Flexibility

Three times larger than modern conventional vessels, the Titans offer a highly efficient work environment with ample space for equipment, maintenance and accommodation.



Towing Capacity

24 reel and streamer capacity provides flexibility and rapid deployment and retrieval.

HSEQ



Health

Social zones, gym, stability - rested crews perform better.



Safety

Stable platform minimizes risk of fatigue, trips and falls. Space to work, redundancy in power and propulsion, 2 stern-launched workboats, back-deck automation. One Culture - closer cooperation between seismic and maritime crew.



Environment

Larger spreads and faster turnaround mean fewer days on each job and leaves a smaller environmental footprint. DNV GL Clean(Design) - max SO_x content of <2.5%. Reactive catalysts reduce NO_x emissions by 90%.

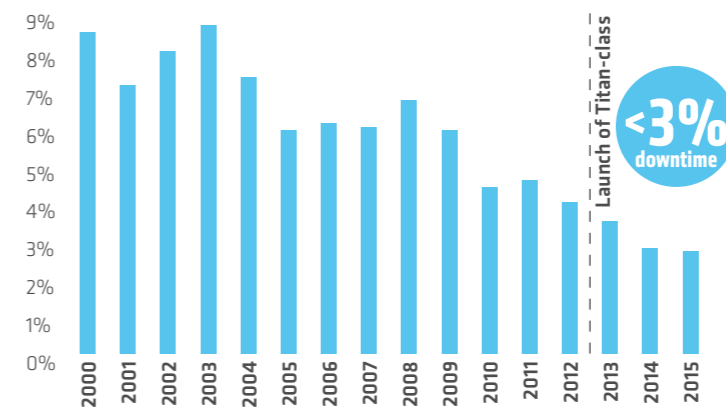


Quality

Superior platform to deploy the best dual-sensor technology - 100% GeoStreamer. Equipped with streamer and source steering.

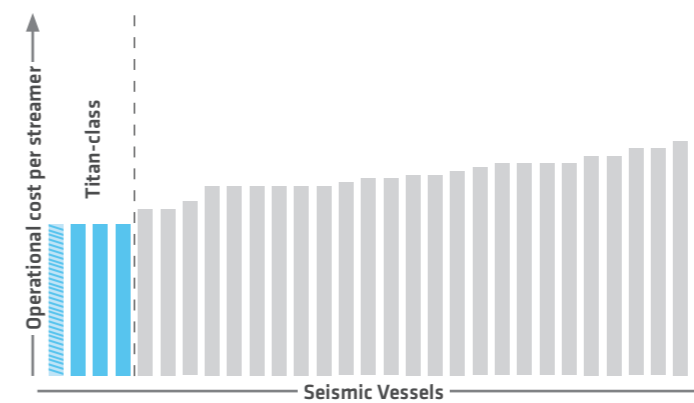
Performance Results

Downtime



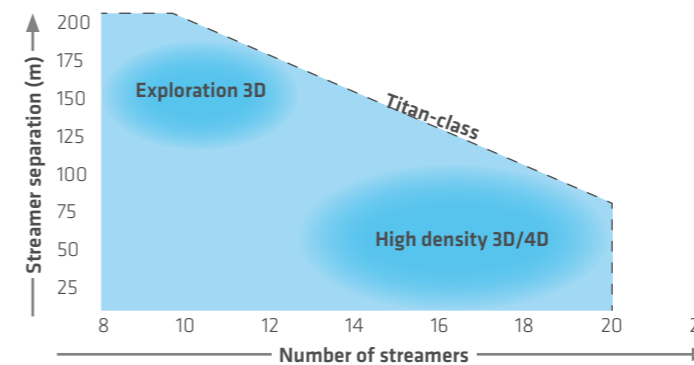
Ramform Titan - Zero maritime downtime and only 2.7% seismic downtime to date. Total sq.km acquired by Titan-class vessels is 89,712 sq. km.

Cost



Ultra high capacity seismic vessels are more cost effective.

Survey Type Flexibility



Titan-class vessels cover all the bases from highly efficient reconnaissance exploration surveys to the detailed resolution required for 4D production seismic.

Records

:: Ramform Titan ::
:: Bay of Bengal ::



18 Streamers

13.75 sq.km fan spread 18 streamers x 7.05 km with 100 m separation (2.2 km wide at tail)

Coverage

Highest ever production 175.03 sq.km/day (average for this survey = 139 sq. km/day).

Future Proof



25 Lifespan

Setting the benchmark for this generation of seismic vessels and the next.

Size
POWER
flexibility

