SEASPAN SHIPYARDS

A recognized leader in ship design, shipbuilding & ship repair

John McCarthy, CEO, Seaspan Shipyards

seaspan

SEASPAN SHIPYARDS: ONE COMPANY, THREE SHIPYARDS, 5300 EMPLOYEES

VANCOUVER DRYDOCK

FULL VESSEL SERVICE AND REPAIR

Employees: 300

VANCOUVER SHIPYARDS

LARGE, COMPLEX VESSEL DESIGN AND CONSTRUCTION

Employees: 3,600

VICTORIA SHIPYARDS

COMPLEX NAVY AND COMMERCIAL VESSEL REPAIR AND OVERHAUL

Employees: 1,400

Seaspan is Canada's largest shipbuilding, design and repair company - sustaining/creating 11,000 jobs/year.

Seaspan's Book of Work under the National Shipbuilding Strategy

3 Offshore Fisheries Science Vessels

✓ Delivered

1 Offshore Oceanographic Science Vessel

✓ Delivered

2 Joint Support Ships

Under Construction
JSS1: Sea Trials Q4 2026
JSS2: Launch Q4 2026

1 Polar Icebreaker

Under Construction
Cut Steel in April 2025
Progressing on schedule

16 Multi-Purpose Icebreakers

Initial flight (6) in Construction Engineering
Design on schedule & under budget
Cut Steel April 2027

We continue to achieve major milestones on an exceptionally complex book of work – five first-of-class ships in our first eight deliveries.

Polar Icebreaker Summary

Polar Icebreaker	
Length	158m
Breadth	28m
Displacement	~26,000 tonnes
Installed Power	~46 MW
Propulsion	~ 34 MW
Complement	100
Performance	
Speed (Open Water)	18 knots
Speed (2.5m Ice)	3 knots
Range @ 12 knots	20,000 nautical miles
Class Notations	
✠100A1 Icebreaker(+), Ice Class PC 2, LA, Winterization H(-50) D(-50) ✠LMC, NAV 1, IBS, DP(AM), UMS, CCS, ICC, PSMR	
Missions	
• Year round high and sub-Arctic presence • High Arctic science research support • Search and Rescue • Ice Breaking	• Canadian Sovereignty • Support to Northern communities • Arctic maritime emergency response • Pollution & Environmental Response

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Multi Purpose Icebreaker

The backbone of the Canadian Coast Guard's future maritime capability

Finnish concept, engineered in Canada

16x Ships for Canada

3 flights (6+5+5)
All built by Seaspan in North Vancouver

Concept Design

Aker Arctic ARC 146
3x concepts designed in 2021

Basic, Functional and Production Design

Executed in house by Seaspan
Largest ship design team in Canada

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Multi Purpose Icebreaker – Canadian Variant

MPI	
Length	99.92m
Breadth	20.3m
Displacement	~9000 tonnes
Installed Power	10,100 kW
Propulsion	2x3600kW Azimuth Thrusters
Complement	50
Performance	
Speed (Open Water)	16 knots
Speed (1.0m Ice)	4.0 knots
Range	12,000 nautical miles
Dynamic Positioning	<10m radius SS4
	<100m radius SS6
Class Notations	
✠100A1 *IWS Ice Class PC4, Icebreaker(+), Winterisation D (-30) ✠LMC UMS DP(AM) NAV1 IBS PSMR	
Missions	
• Aids to Navigation • Ice Breaking • Search and Rescue	• Conservation & Protection • Arctic Resupply • Pollution Response

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Polar Icebreaker

Cut steel April 2025

~30 blocks built

Main engines built & tested

95% COTS parts commonality, 50% common non-COTS

Multi Purpose Icebreaker

Build start April 2027

Engineering complete

Full ship detail design complete before build

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Arctic Security Cutter – Product of the National Shipbuilding Strategy

ASC represents the first export of a major NSS project, signaling the return of Canadian shipbuilding to the global market after a decade of reconstruction.

Aker Arctic The Ice Technology Partner | RAUMA MARINE CONSTRUCTIONS | Bollinger SHIPYARDS | seaspan SHIPYARDS

International collaboration has been intrinsic to this journey to the forefront of icebreaker design. Finland and the US have been central to Seaspan's growth.

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INDUSTRIAL PARTNERSHIP FOR ARCTIC SECURITY

RMC & Bollinger in the ASC Program

BOLLINGER HIGHLIGHTS

Bollinger SHIPYARDS

1st
LARGEST PRIVATELY OWNED SHIPBUILDER IN THE UNITED STATES

3850
VESSELS BUILT FOR COMMERCIAL & GOVERNMENT CUSTOMERS

80
YEARS OF OPERATION

20
YEARS RECOGNIZED AS THE SAFEST SHIPYARD

3700
COMPANY-WIDE EMPLOYEES

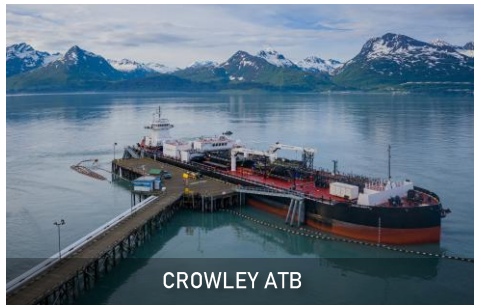
GOVERNMENT & COMMERCIAL HIGHLIGHTS

CURRENT & PAST PROGRAMS

USCG FAST RESPONSE CUTTER

USCG MARINE PROTECTOR CLASS CUTTER

USCG ISLAND CLASS CUTTER


CROWLEY ATB

NAVY T-AGS 66 OCEANOGRAPHIC

NAVY T-ATS

GDEB FLOATING DRY DOCK

USCG POLAR SECURITY CUTTER (PSC)

NAVY AUXILIARY PERSONNEL LIGHTER (APL)

ULA R/S SPACESHIP

NSF RCRV

SPACE X AUTONOMOUS ROCKET LANDING

ROCKETLAB LANDING PLATFORM

NAVY MCM-USV

LSV (LOGISTICAL SUPPORT VESSEL)

PROVEN TEAM

FULFILLING THE URGENT NEED FOR THE ARCTIC SECURITY CUTTER

Seaspan SHIPYARDS

- U.S. owned company
- 21 ice-class vessels for Canada
- World-class icebreaker engineering

Rauma Marine Constructions

- Consistently delivered ice-capable vessels in under 36 months
- Immediate capability to build two (2) ASC's
- Comprehensive shipyard with in-house steel production

THE MULTI-PURPOSE ICEBREAKER

Class of 16-vesssels for Canada

Production ready

Purpose-built for CCG missions

Designed for flexibility & modularity

Shared cross-border capability & interoperability

Bollinger SHIPYARDS

- 80-Years American owned and operated.
- 40 years delivering over 200 Coast Guard cutters and Government programs.
- Largest privately-owned new construction and repair shipyard in the United States.

Aker Arctic
The Ice Technology Partner

- Unmatched expertise in icebreaker design
- 55 years in ice model testing
- Proven concept designs for 59 vessels in operation

BOLLINGER – RAUMA INDUSTRIAL PARTNERSHIP

ARCTIC SECURITY CUTTER

- FULLY INTEGRATED PARTNERSHIP
- Bollinger and RMC are completely integrated in support of the ASC program in concert with USCG Acquisition Team
  - Collaborative Engineering Team
  - Robust Program Management and Procurement Partnership
  - Fully Integrated Contracts Execution Team
  - Leadership Alignment that supports successful Design, Construction and Delivery of ASCs to the USCG

Bollinger
SHIPYARDS

Sea. That's why.

INDUSTRIAL PARTNERSHIP FOR ARCTIC SECURITY

MIKA NIEMINEN, CEO, 4.3.2026

RAUMA MARINE CONSTRUCTIONS

RAUMA MARINE CONSTRUCTIONS

COMPREHENSIVE SHIPYARD CAPABILITY

1. Steel production facilities (15.000 tn/y)incl. painting (total 38 000 sqm)
2. Indoor ship building facility for 2 vessels
3. Submersible barge (11.000 tn) for launching from the indoor facility
4. Fixed Dry-dock for 2 vessels
5. Outfitting quays x 3

360
RMC EXPERTS

1500+
SUBCONTRACTED EMPLOYEES

300 KM
UNIQUE NETWORK OF SUPPLIERS NEARBY

60+ M€
INVESTMENTS IN FACILITIES & PRODUCTION MACHINERY

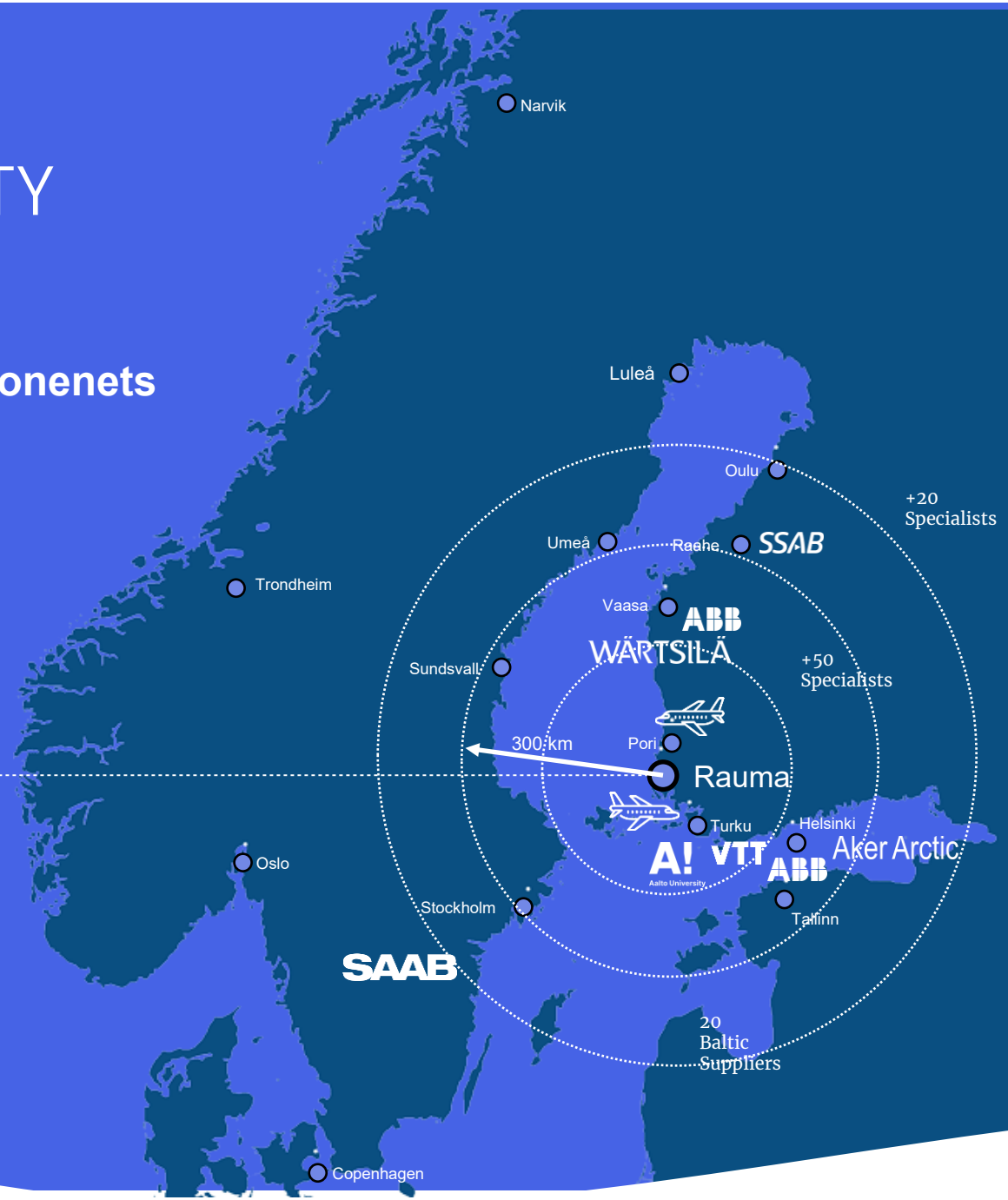
100%
FINNISH OWNERSHIP

RAUMA MARINE CONSTRUCTIONS

STRATEGIC CONNECTIVITY

Finland maritime industry provides:
- World class level technology and componenets
- Knowledge and engineering resources

Seaside Industry Park



RAUMA MARINE CONSTRUCTIONS

INDUSTRIALIZED WAY OF WORKING BY RMC

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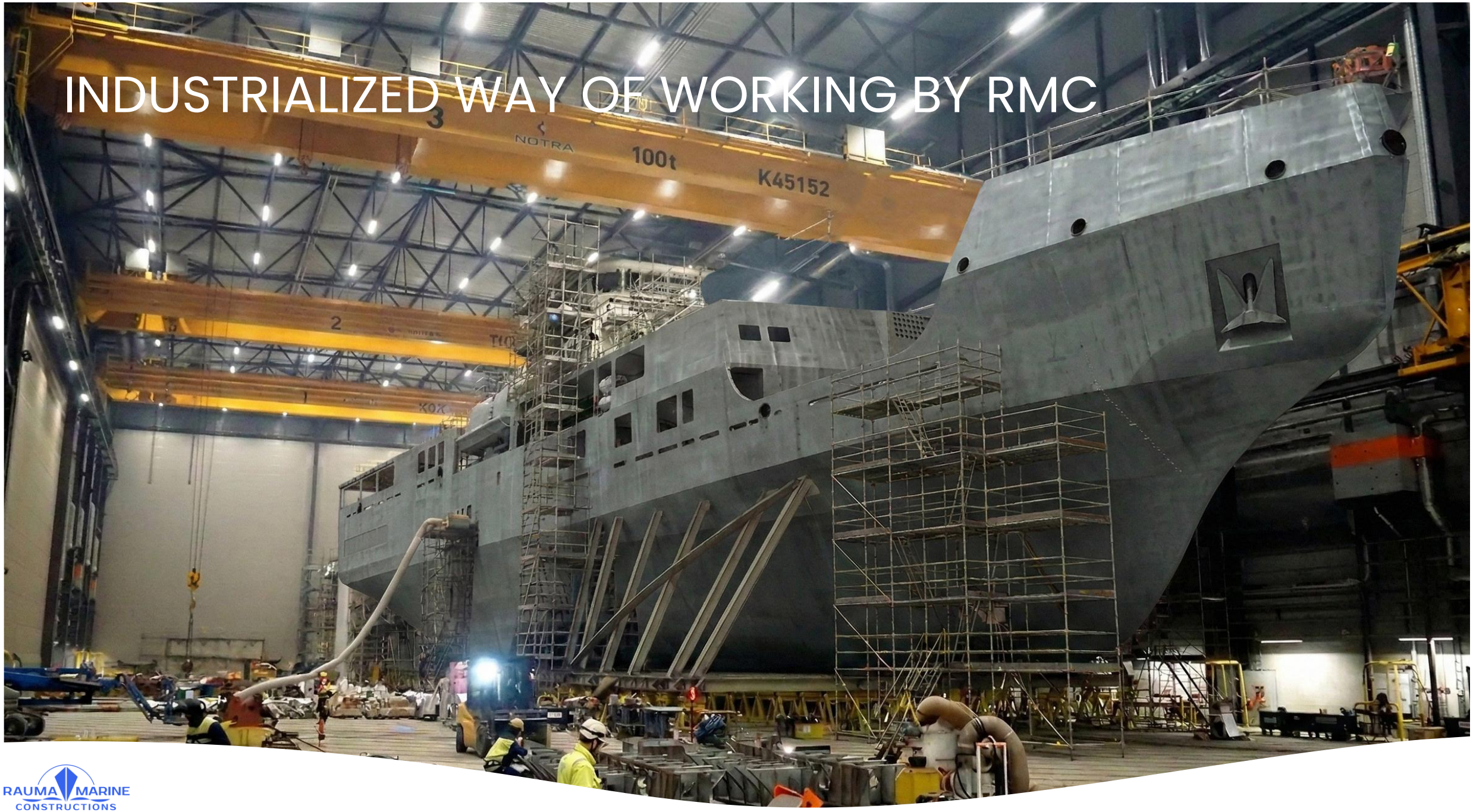
INDUSTRIALIZED WAY OF WORKING BY RMC



RAUMA MARINE CONSTRUCTIONS

INDUSTRIALIZED WAY OF WORKING BY RMC

RAUMA MARINE
CONSTRUCTIONS

INDUSTRIALIZED WAY OF WORKING BY RMC

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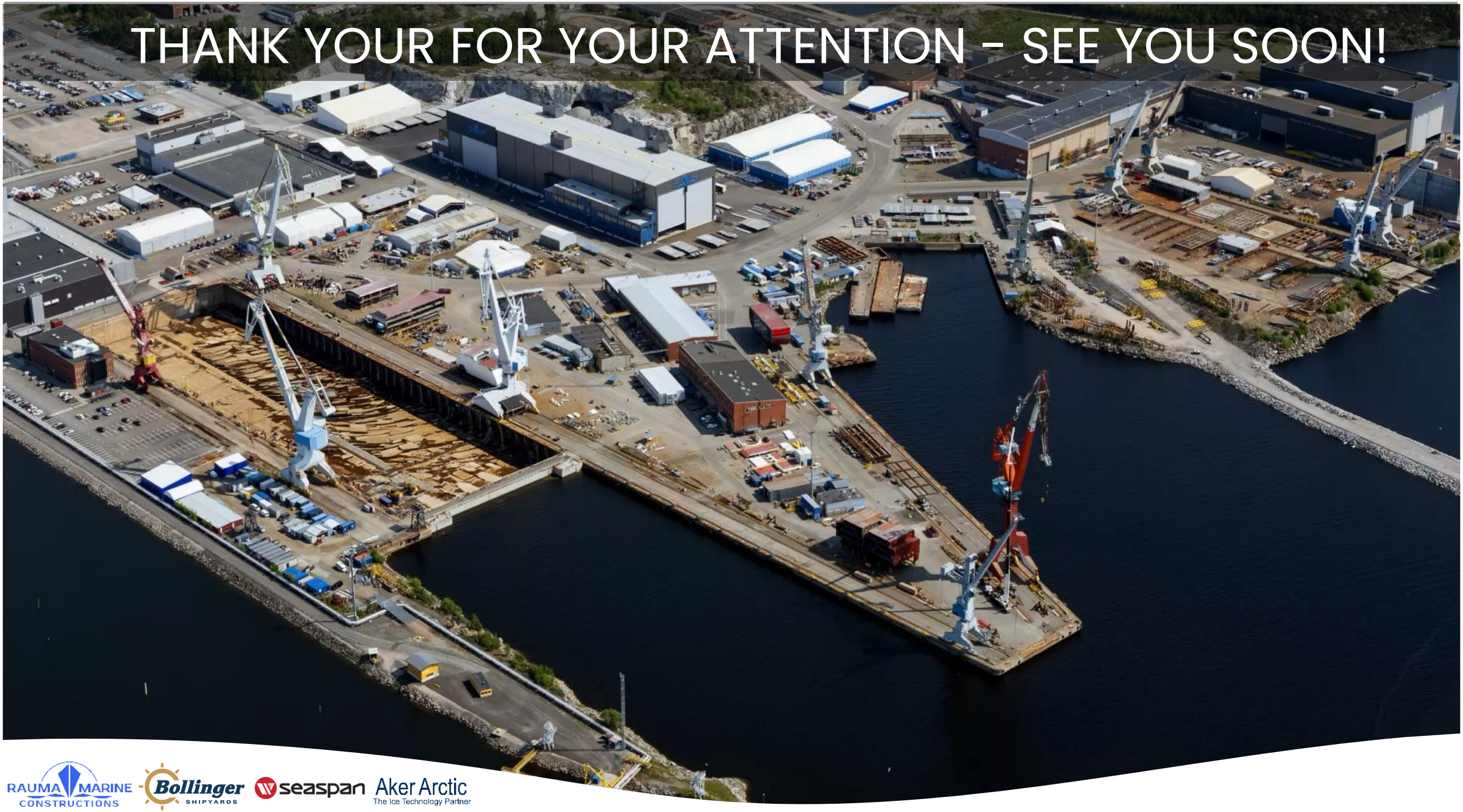
THANK YOUR FOR YOUR ATTENTION – SEE YOU SOON!



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