

# SARGASSO

## Request for Proposal (RFP)

---

Titel of RFP: Alternative power system for Sublift boat hoist

Organization: Swede Ship Sublift AB

Deadline for expression of interest: 2019-04-12

Q&A: Andreas.Bach@smtf.se Tel. +46 (0)705 595411

---

### Summary of RFP

Today's Sublifts is powered by an industrial diesel engine and the power transfer is hydraulic.

Swede Ship Sublift AB wants to get proposal on how to electrify the drivetrain with batteries.

The operational profile is 6-10 hours of operation and then re-charges overnight (about 10-12 hours).

Note that the system will be operating down to 4 meters of depth when launching/lifting the boats.

### Background

The Sublift ([www.sublift.se](http://www.sublift.se)) produced by **Swede Ship Sublift AB** is a unique patented submersible hoist for effective launching and lifting boats on slipways. Sailing and motorboats are moved from water to cradle with little effort. The remote control gives access to all the functions of the hoist. One person easily handles the operation. Typical usage is docking for fast service and cleaning of hulls and of course for winter season storage



SARGASSO IS A MARITIME INNOVATION PLATFORM RUN BY SWEDISH MARITIME TECHNOLOGY FORUM

PART OF **RI-SE**  
SAFETY AND TRANSPORT  
MARITIME RESEARCH

ADDRESS SMTF  
Gibraltargatan 35  
412 79 Gothenburg  
Sweden

ADDRESS SMTF  
Ideon Gateway  
Scheelevägen 27  
223 70 Lund, Sweden

CONTACT  
+46 10 516 62 80  
info@smtf.se  
www.smtf.se  
www.ri.se

SMTF PART FINANCED BY

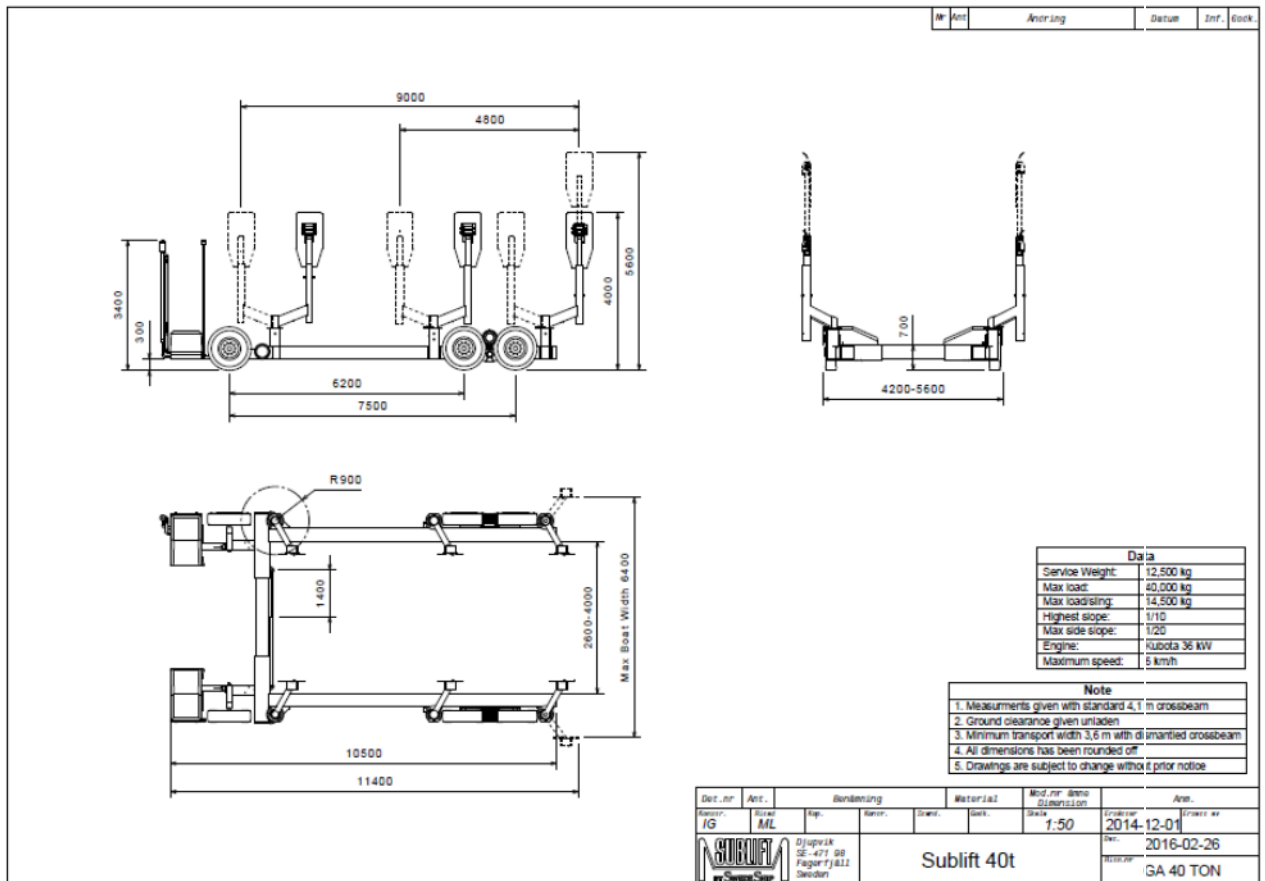


## Scope of the project

Today Sublift is powered by a diesel engine and hydraulic power transfer. The aim is to be able to run the Sublift on 100 % battery with overnight charging. Some kind of hybrid solution is also interesting. The solution should be applied to new models however it is highly interesting if the solution could be retrofitted to existing machines.

The proposed solution should be applied on all the different sizes of Sublifts.

Please see the homepage, [www.sublift.se](http://www.sublift.se), for specifications of power requirements, weights drawings etc.



SARGASSO IS A MARITIME INNOVATION PLATFORM RUN BY SWEDISH MARITIME TECHNOLOGY FORUM

**PART OF RI.SE**  
SAFETY AND TRANSPORT  
MARITIME RESEARCH

ADDRESS SMTF  
Gibraltargatan 35  
412 79 Gothenburg  
Sweden

ADDRESS SMTF  
Ideon Gateway  
Scheelevägen 27  
223 70 Lund, Sweden

CONTACT  
+46 10 516 62 80  
info@smtf.se  
www.smtf.se  
www.ri.se

SMTF PART FINANCED BY



*A business proposal coming to you from SARGASSO*

## Opportunities for partners

After a successful development project – there is a possibility to become supplier for Swede Ship Sublift AB.

## A proposed solution should have the following properties

The supplier should preferably be able to deliver a full system solution (turn key)

SARGASSO IS A MARITIME INNOVATION PLATFORM RUN BY SWEDISH MARITIME TECHNOLOGY FORUM

**PART OF RI.SE**  
SAFETY AND TRANSPORT  
MARITIME RESEARCH

ADDRESS SMTF  
Gibraltargatan 35  
412 79 Gothenburg  
Sweden

ADDRESS SMTF  
Ideon Gateway  
Scheelevägen 27  
223 70 Lund, Sweden

CONTACT  
+46 10 516 62 80  
info@smtf.se  
www.smtf.se  
www.ri.se

SMTF PART FINANCED BY

