



SEPTEMBER 2023

ISSUE NO. 12

# SEATECH ENGINEERING MAINTENANCE SDN BHD



**SABAHAN COMPANY  
(388925-D)**

LOT 32A-22 (TERRACED UNIT, CORNER)  
KKIP READY BUILT FACTORIES, PHASE 2  
INDUSTRIAL ZONE 4 (IZ4), KKIP  
88460 KOTA KINABALU  
SABAH, MALAYSIA

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CERTIFIED TO ISO 13485:2018  
CERT NO.: MY QMS-MD 00170



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CERT NO.: QMS-MD 00170



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# Expertise Knowledge Success stories

With visionary and entrepreneurship in mind, Valentina Lee has decided to create Seatech Engineering Maintenance Sdn Bhd in Kota Kinabalu in the year 2014.

The sharing of skills is essential to the development and strategy of the company. To achieve this, Seatech called on 3 experts based in Kota Kinabalu, a former electromechanical submariner specialized in diving safety and simulator training, a subsea specialist with over 40 years of experience and an electronic engineer, electrician with an automation and simulators specialty

## Expertise :

- Photogrammetry
- Ultrasonic thickness measurement
- Shore approach
- Valves qualification, gauges calibration and testing
- Simulators maintenance and OEM support
- Marine subsea engineering
- Mechanical expertise
- Hyperbaric expertise / HBOT
- Business development
- Fabrication
- Project Management
- Load test
- Noise & vibration analysis
- Underwater cleaning (cavitation technology)
- SolidWorks design engineering
- Implementation of Welding procedures (WPS, WQT..)



# SERVICES

- We serviced & installed a wide range of systems
- Generators : Synchronize system, Alarms, MSB, ESB
- Generator load test & certification
- Starter panels, Distribution panels and Thruster controls
- Main Engines : Alarm system, engine controls, engine supervision
- Boilers Automation
- Steering control system

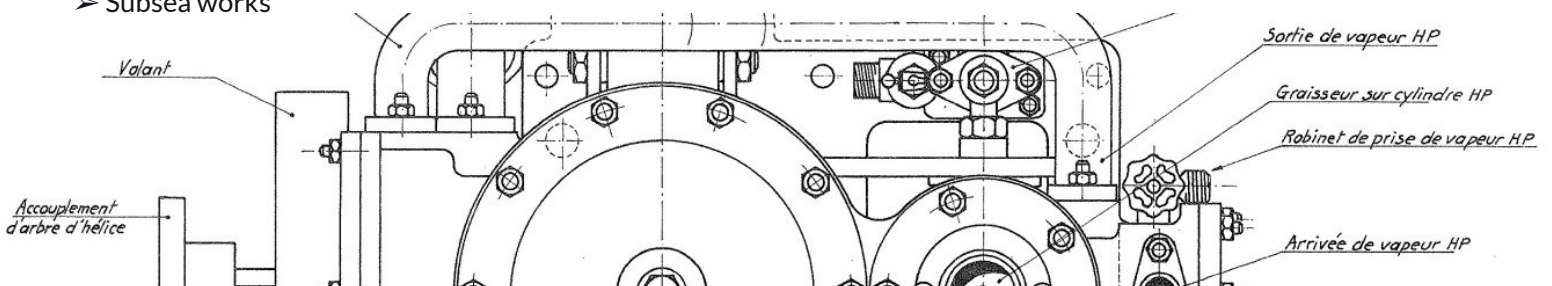
## Auxiliaries :

- Oil Water Separator (OWS)
- Ballast system
- Alarms : Fire & Gas, Bilge, Doors, Bridge Watch System
- Pneumatic, high pression systems
- Hydraulic systems : Retrofits, service, control systems
- Navigation & Communication
- CCTV camera, Thermal cameras
- Navigation equipment & Consoles.
- Noise & vibration analysis
- Fiber glass and GRP expertise,
- Design & fabrication
- Subsea works



Clean room for calibration:

- (pressure gauge 1 up to 1400 bars, ball valves, gate valve ...)





# PHILOSOPHY

## QUALITY:

SEATECH's quality commitment is demonstrated by the early adoption of internal QC standard and procedures.

## INTEGRITY & RELIABILITY:

SEATECH's has never failed in any commitment to any client.

## SAFETY:

SEATECH's excellent safety record is a result of adoption of latest safe working practices and concepts.

## A COMPLETE SERVICE:

SEATECH's aims to provide the full range of technical Marine & Off shore services. A total and "turnkey" approach to marine operations.





## EXPANSION AND SCOPE OF OPERATION

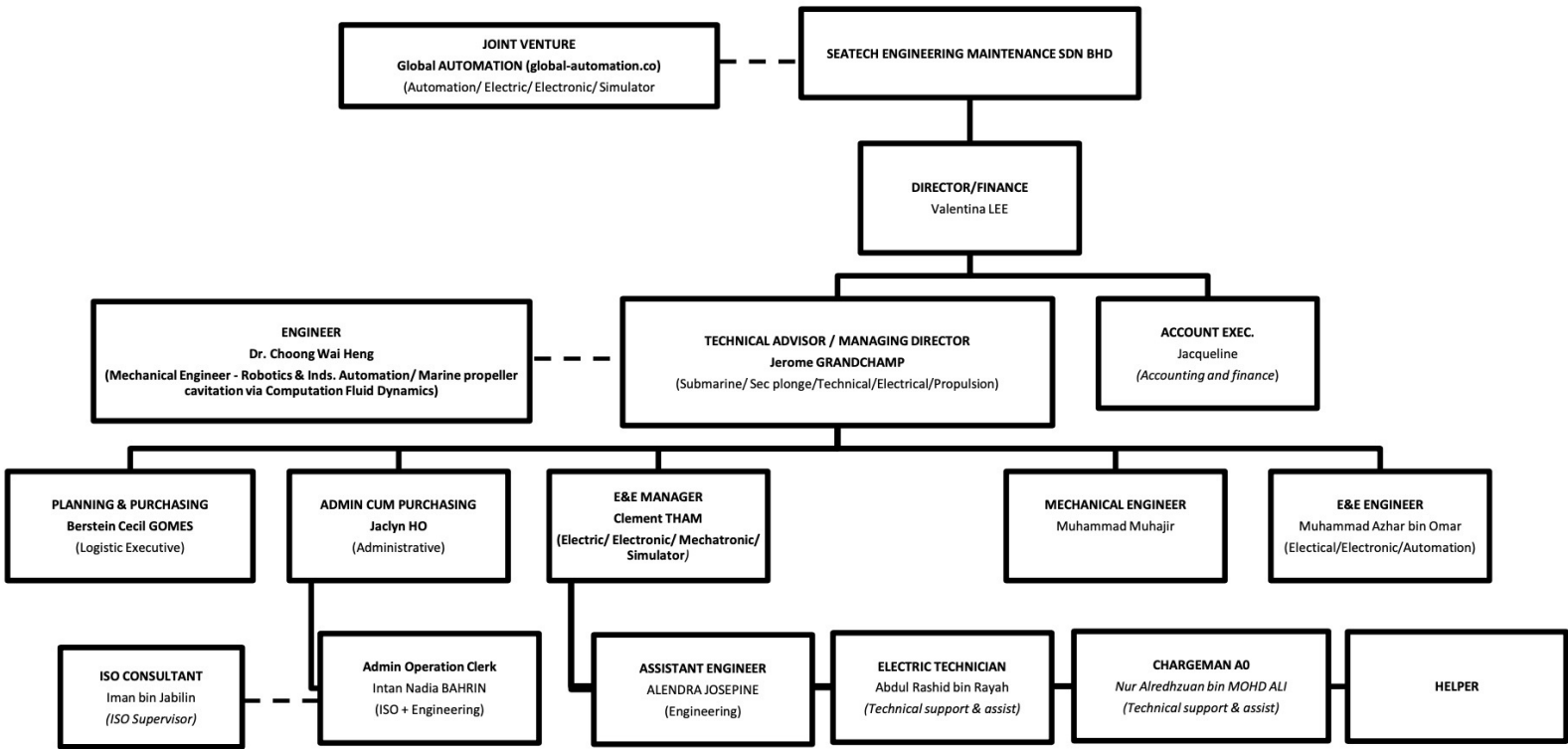
Based in Kota Kinabalu, Sabah, Malaysia our geographic situation is in the center of south East Asia.

Seatech Engineering Maintenance Sdn Bhd, is based in south est Asia, and represents some Notorious worldwide companies.

Seatech is based at 4KM from the Royal Malaysian Navy Base and from Sabah Port.



## ORGANIZATION CHART – SEATECH ENGINEERING MAINTENANCE SDN BHD



# ORGANIZATION CHART

SEATECH

## PHOTOGRAMMETRY

By GEOFIT France

Photogrammetry is the science and technology of making measurements using photographs

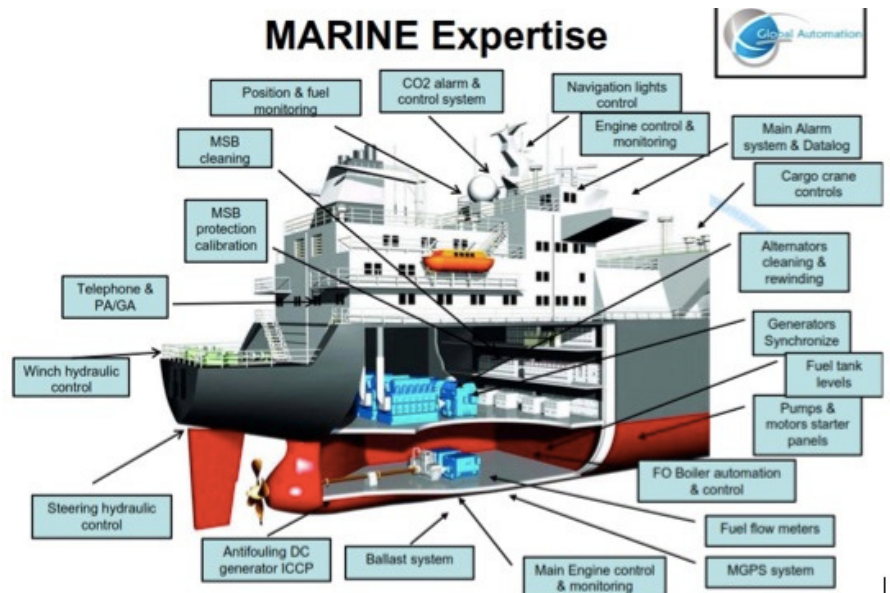
## SEATECH GLOBAL AUTOMATION SDN BHD

For your special requests and high qualifications labour, Seatech has signed Join Venture and partnerships with established and recognized companies in their industries in the world. These active partners are working with Seatech, sharing their skills and know-how to guarantee a turnkey service and solution to our customers.

**REPAIRS:** We intervene to troubleshoot, fix and repair various vessels systems, from ICCP to ODME, Generator controls, Thrusters controls, navigation, fire alarm, ballast controls, PABX, DC motors, Hydraulic controls, CCTV, etc. **SIMULATORS:** We have a tight cooperation for installation and maintenance of Drilling vessel system Simulators, as well as Aeronautic simulators. **LOAD TEST:** We have load banks fleet to test and qualify Power plants, on Shore and Offshore up to 25Mw, Low Voltage to Medium Voltages.



Global Automation is a Service, equipment and System provider of Electrical, Instrumentation and Control systems. Our Company is focused on five major areas of activity: Marine, Simulation, Energy and Oil & Gas, Cranes and Industrial installations. We have completed numerous sizeable projects gaining respect and high recognition from our customer base. For new buildings projects, we have designed several complete vessels electrical system, then fabricated and installed, commissioned those as turn-key projects : Engineering, Procurement, and Construction basis. We can supply all the necessary materials to class and customers' requirements





# COMPANY SAFETY POLICY

Safety, security and compliance are the cornerstones SEATECH' operations. These are imperatives at all times and at all levels! All employees share the responsibility for maintaining safety, security and compliance standards established by the company and for adhering to all laws established by the countries in which we conduct operations. SEATECH is committed to providing a safe environment for clients and employees by meeting and environmental safety standards. Management, at all levels, is accountable for ensuring that employees understand and comply with these standards and are trained and equipped to recognize and control hazards in the daily work environment. SEATECH employs a systematic approach to manage safety risks and continually improve the level of safety. All employees play a key role in this process by identifying hazards and mitigating risks as part of everyday activities. In a shared responsibility, each employee must act safely and report incidents and occurrences that reduce or have the potential to reduce the level of safety. Timely reporting of such information through the established non-punitive safety reporting programs is essential and encouraged. An uncompromising commitment to safety, security and compliance is the responsibility of each and every employee.

You have the right to refuse  
unsafe work



Please, stop & think.



**Jérôme GRANDCHAMP**  
Managing Director

SEATECH ENGINEERING MAINTENANCE SDN BHD  
Lot 32A-22, Phase 2, Industrial Zone 4, KKIP  
88460 Kota Kinabalu,  
Sabah, Malaysia

Couëron, September 5, 2017

Y/Ref: 1103100/02 MRDF Project  
O/Ref: ECA Recommendation letter

Dear Sir,

I acknowledge the successful completion by SEATECH ENGINEERING MAINTENANCE SDN BHD of the following works:

- Engineering, fabrication and testing of 12 subsea fiber glass supporting structures;
- Electrical survey of existing power grid;

SEATECH ENGINEERING MAINTENANCE SDN BHD also supported HSAP SDN BHD by performing detail engineering and operations management for offshore cable laying works.

On behalf of ECA, I am delighted to recognize SEATECH ENGINEERING MAINTENANCE SDN BHD's accomplishment in successfully carrying out and completing the above fast-track project under tight schedules in order to meet ECA commitment to its Client.

From start to completion of project works, SEATECH ENGINEERING MAINTENANCE SDN BHD's project team has performed with a high degree of professionalism and efficiencies at work site.

I would highly recommend SEATECH ENGINEERING MAINTENANCE SDN BHD to other company wishing to engage their services.

My team and I at ECA-EN look forward to working with SEATECH ENGINEERING MAINTENANCE SDN BHD again in future project works, should they keep the same level of quality and the same willingness to deal with challenging project.

Yours faithfully,

Guillaume VICHOT  
Project Manager

ECA EN

Siège social/Head office : ZAC des Hauts de Couëron, 24 rue Jan Palach, 44220 Couëron, France  
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Tél/Phone : +33 2 40 92 39 19 – Fax : +33 2 40 92 01 35 – eca-en@ecagroup.com – [www.ecagroup.com](http://www.ecagroup.com)

SAS.U. au capital de 130 000,00 euros – RCS NANTES 424 052 983 (SIRET 00022) – TVA FR B1 424 052 983

**SEATECH Engineering Maintenance Sdn Bhd**  
*Synergy and competencies* (388925-D)

# WORKSHOP

SEATECH ENGINEERING  
MAINTENANCE SDN BHD

Lot 32A-22, Phase 2, Industrial Zone 4  
(IZ4), Kota Kinabalu Industrial Park  
(KKIP)

Tel/ Fax: +6088 - 496177  
[www.seatechkk@gmail.com](mailto:www.seatechkk@gmail.com)  
[www.seatechkk.com](http://www.seatechkk.com)





# Jobs & Registrations



**PETRONAS**



Boustead Heavy Industries Corporation Berhad





*Design approved by*

# HYPERBARIC ENGINEERING

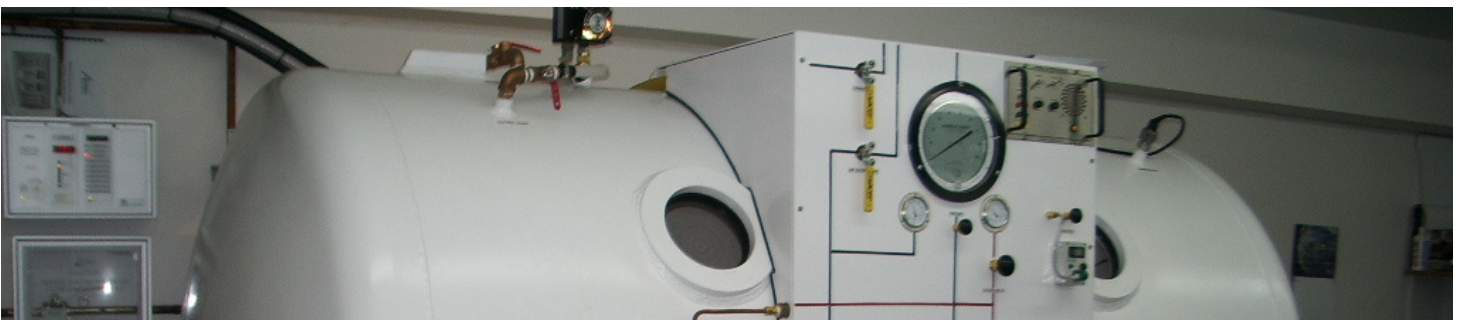


BUREAU  
VERITAS



SEATECH ENGINEERING MAINTENANCE SDN BHD has many years of experiences in Engineering, Fabrication, installation and maintenance of hyperbaric chamber for Diving, Medical (HBOT) or Industrial applications. All our chambers are designed, build and certified under ASME Sec VIII Div.1 (1992) PVHO-1 (1997)

SEATECH ENGINEERING MAINTENANCE SDN BHD is approved by Medical Device Authorities (MDA)



# SOURCING

## Seatech Integrated Logistics

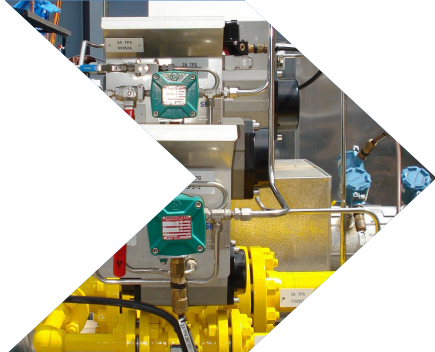
Our expert knowledge of the supply business and the enduring relationships we have forged with our suppliers allow us to meet the expectations of a multitude of business sectors, in the four corners of the globe. We have gained the confidence of a demanding customer base and demonstrated our ability to deliver products to the most remote corners of the planet. Now we are ready to rise to even more challenges!



Spare parts for all brands, all origins and for all equipment. New parts, second-hand parts, OEM certified or alternatives, standard exchanges, re-manufacturing to plan. More than 9000 suppliers accounts, the biggest French and international brands and more than 40 years of experience in order to offer a comprehensive and competitive range. IMPA, ISSA, OTAN codification...



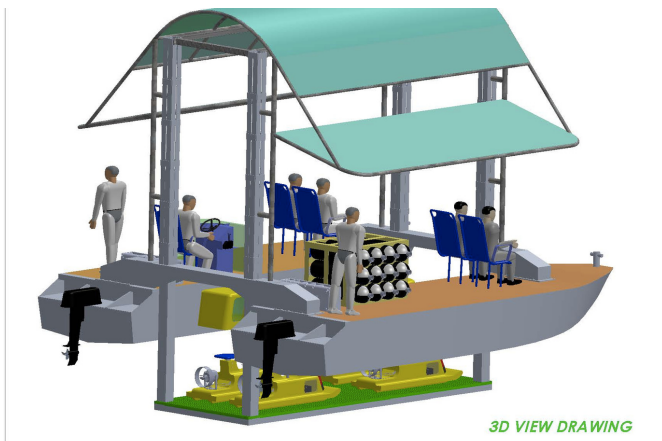
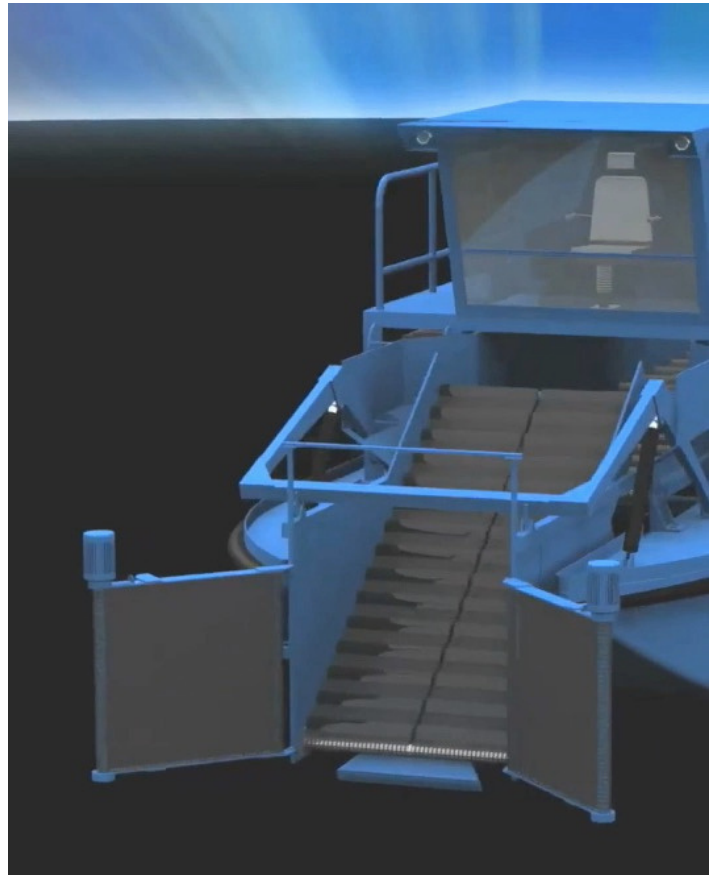
Screws, adhesives, batteries, ladders, packaging, greasing and lubrication, generators, hoses and hydraulic hoses, seals and sealing, pressure gauges, thermometers, hoists, electrical and hydraulic pumps, valves, signage, filtrations...



Cables, measurement devices, welding cables, components, marine cables, lighting, industrial sockets, cabinets... ATEX range: manual, electric and pneumatic tools, ATEX standard specific equipment, lighting...



# Internal project & development

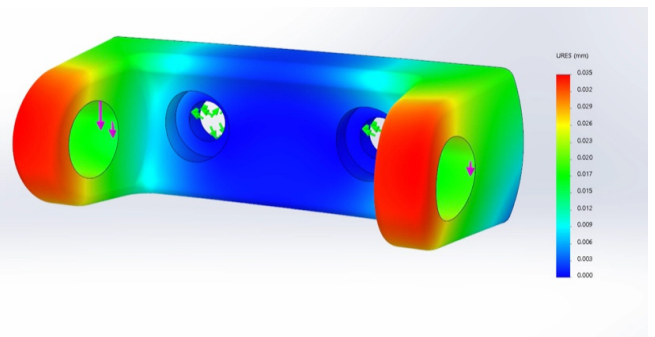
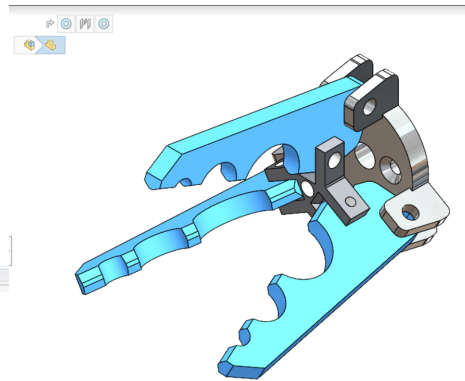
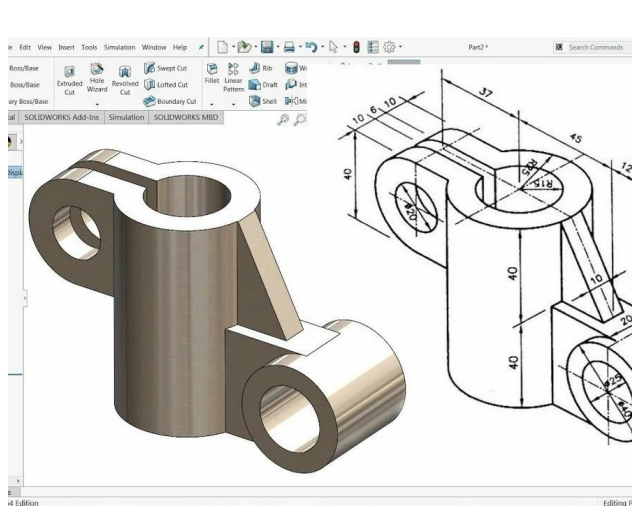


Seatech cooperates closely with local universities, overseas Institutes and offers in-house new developments.

# Research & Development

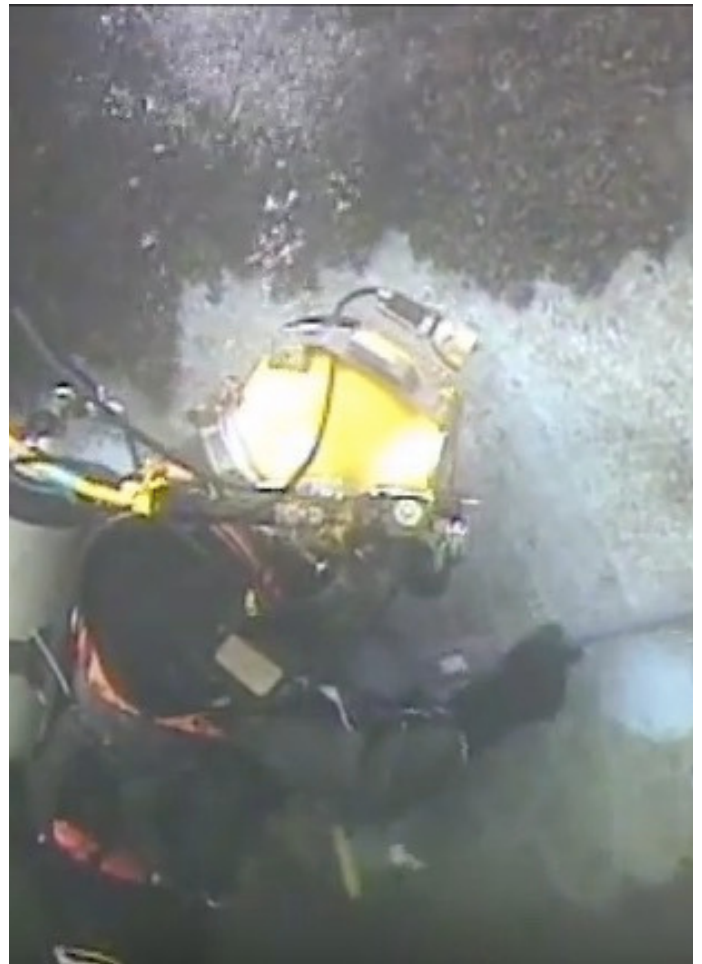
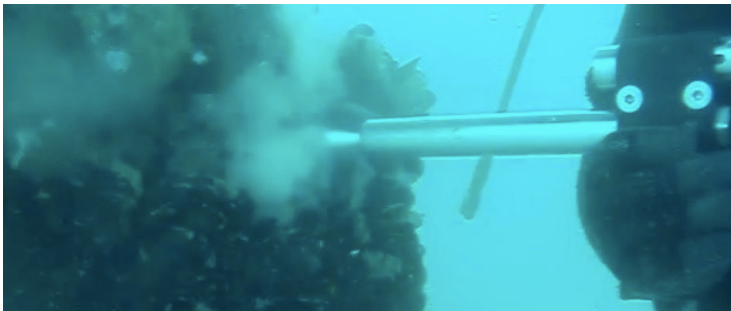


**SOLID WORK, AUTOCAD**  
*Drafting, Design and modelisation*



# UNDERWATER CLEANING

Cavitation cleaning is the formation and collapse of bubbles (vapor cavities) in a liquid and the most effective solution for In- and Offshore underwater cleaning. A jet with millions of Nano voids per second is formed when the high pressure water passes the Equipment cavitation nozzle. These cavities implode on impact with the cleanable surface and create high energetic shockwaves that remove corrosion, dirt, debris, fouling, corrosion, instable coatings and other deposits from ship hulls, propellers, thrusters, rudders and underwater structures, such as pillars, pipelines, piers and walls made out of fiberglass, metal, concrete, glass, plastic or other materials.



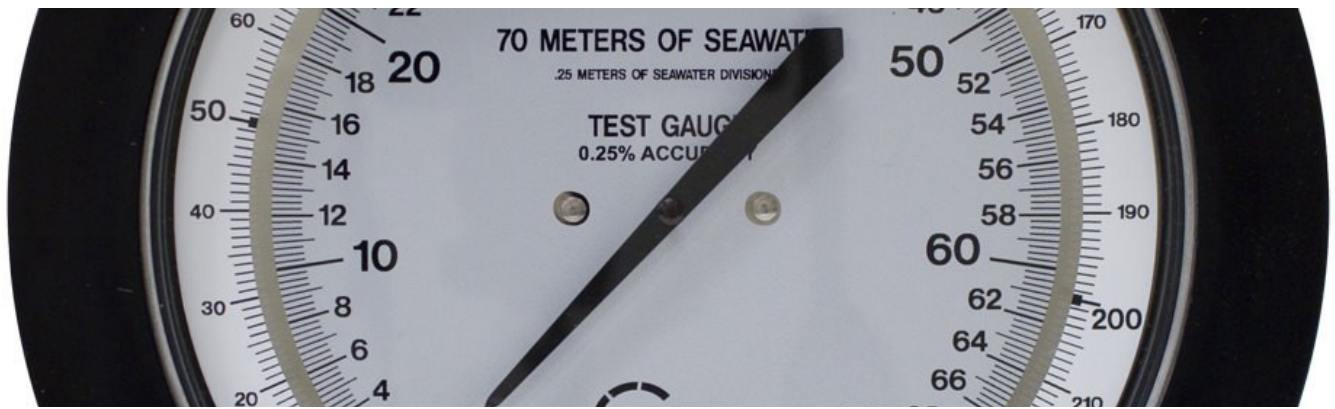


# CALIBRATION



SEATECH ENGINEERING MAINTENANCE SDN BHD has his lab for gauges calibration. Our death weight tester is frequently calibrated by an independent certified entity.

We also supply quality gauges directly from OEM from Europe, US and Asia



# NOTES