NAUTICAL SOLUTION



Nautical Solution Sdn. Bhd.

COMPANY PROFILE

2026

Integrated Hydrographic, Oceanographic & Maritime Solutions

Hydrographic Survey · Oceanographic Services · Marine Cartography & ENC · Marine GIS · Maritime Systems & Equipment · Training & Consultation

Transforming Marine Data into Reliable Maritime Intelligence

Introdution

Nautical Solution Sdn. Bhd. (NSSB) is a Malaysian Bumiputera-owned maritime solutions company specialising in hydrographic surveying, oceanographic data acquisition, marine cartography, Marine Geographic Information Systems (GIS), and the supply and integration of advanced maritime systems and equipment.

Supported by experienced maritime professionals, including former personnel of the National Hydrographic Centre and Royal Malaysian Navy, NSSB combines operational knowledge, technical expertise and modern marine technology to deliver dependable end-to-end solutions for the maritime sector.

From marine data acquisition and bathymetric surveying to nautical chart production, ENC compilation, Marine GIS development, maritime compliance, equipment supply, training and consultation, NSSB transforms accurate marine data into practical maritime intelligence that supports safe navigation, efficient port operations and informed decision-making.

Guided by the principle “Sounding to Solution,” NSSB is committed to delivering professional, reliable and integrated maritime services while contributing to the development of Malaysia’s maritime capabilities and skilled workforce.





Company Overview & Snapshot

Nautical Solution Sdn. Bhd. (NSSB) is a Malaysian Bumiputera-owned company delivering integrated maritime solutions across hydrographic surveying, oceanographic services, marine cartography, Marine GIS, maritime systems supply, training and consultation.

With a team of experienced maritime professionals and former Royal Malaysian Navy / National Hydrographic Centre personnel, NSSB combines technical expertise, operational experience and advanced marine technology to support safe navigation, efficient marine operations and reliable maritime decision-making.

Company Snapshot

Company Name:	Nautical Solution Sdn. Bhd.
Registration No:	202301041889 (1535807-P)
Ownership:	Malaysian Bumiputera-Owned Company
Industry:	Maritime, Hydrographic & Marine Technology
Core Expertise:	Hydrography, Oceanography, Marine Cartography & Marine GIS
Other Capabilities:	Marine Systems & Equipment Supply, Training, Consultation and Maritime Compliance Services
Key Technologies:	MBES, VTS, AIS, ECDIS, ECS and Ship Simulator Systems
Registrations & Licences:	SSM, MOF, Bumiputera Status, National Hydrographic Centre Registration and PETRONAS Licence
Operational Focus:	Inshore & Offshore Marine Projects
Company Slogan:	“Sounding to Solution”

Vision, Mission, Slogan & Aspirations



Our Vision

To become a trusted regional leader in hydrographic surveying and maritime solutions, delivering reliable marine intelligence that supports safe navigation, efficient maritime operations and the sustainable development of the marine environment.

Our Mission

To provide high-quality hydrographic surveying and marine services through the integration of advanced technology, professional expertise and extensive operational experience.



Our Slogan

“Sounding to Solution”

From seabed sounding to navigational intelligence, NSSB transforms marine data into practical solutions that support safe navigation, efficient port operations and informed maritime decision-making.

The slogan reflects NSSB’s commitment to managing the complete hydrographic workflow—from marine data acquisition and processing to structured nautical products and maritime intelligence.

Our Aspirations

Short-Term Aspiration

To create meaningful second-career opportunities for Royal Malaysian Navy veterans, allowing them to apply their maritime operational experience in hydrography, oceanography, marine cartography and Marine GIS.



Long-Term Aspiration

To develop a broader pool of skilled Malaysian maritime professionals through training, knowledge transfer and industry collaboration, strengthening local expertise in specialised maritime and geospatial disciplines.

Through structured career pathways and continuous talent development, NSSB aims to contribute to Malaysia’s maritime capabilities, skilled workforce and blue economy.

Leadership & Organisation Structure

Nautical Solution Sdn. Bhd. is led by a team of experienced maritime professionals with strong backgrounds in hydrography, marine operations, technical management, contract administration and project execution. The leadership team brings together former Royal Malaysian Navy personnel and industry specialists to ensure effective governance, technical excellence and reliable service delivery.

Leadership Team



Lt Cdr Ts. Gs. Ahmad Shahrin RMN (Retired)

Managing Director

Provides strategic leadership and overall direction for the company, supported by more than two decades of experience with the Royal Malaysian Navy and National Hydrographic Centre.



Lt Cdr Ts. Gs. Azmi Rosedee RMN (Retired)

General Manager – Technical & Operations

Oversees technical operations, hydrographic and oceanographic activities, project execution and operational quality.



Mohd Azhar Sahrom

General Manager – Contract & Administrative

Responsible for contract management, administration and coordination of corporate and commercial matters.



Lt Khalis Ismail RMN (Retired)

Contract & Administrative Manager

Supports contract administration and operational coordination, drawing on extensive maritime and hydrographic experience.

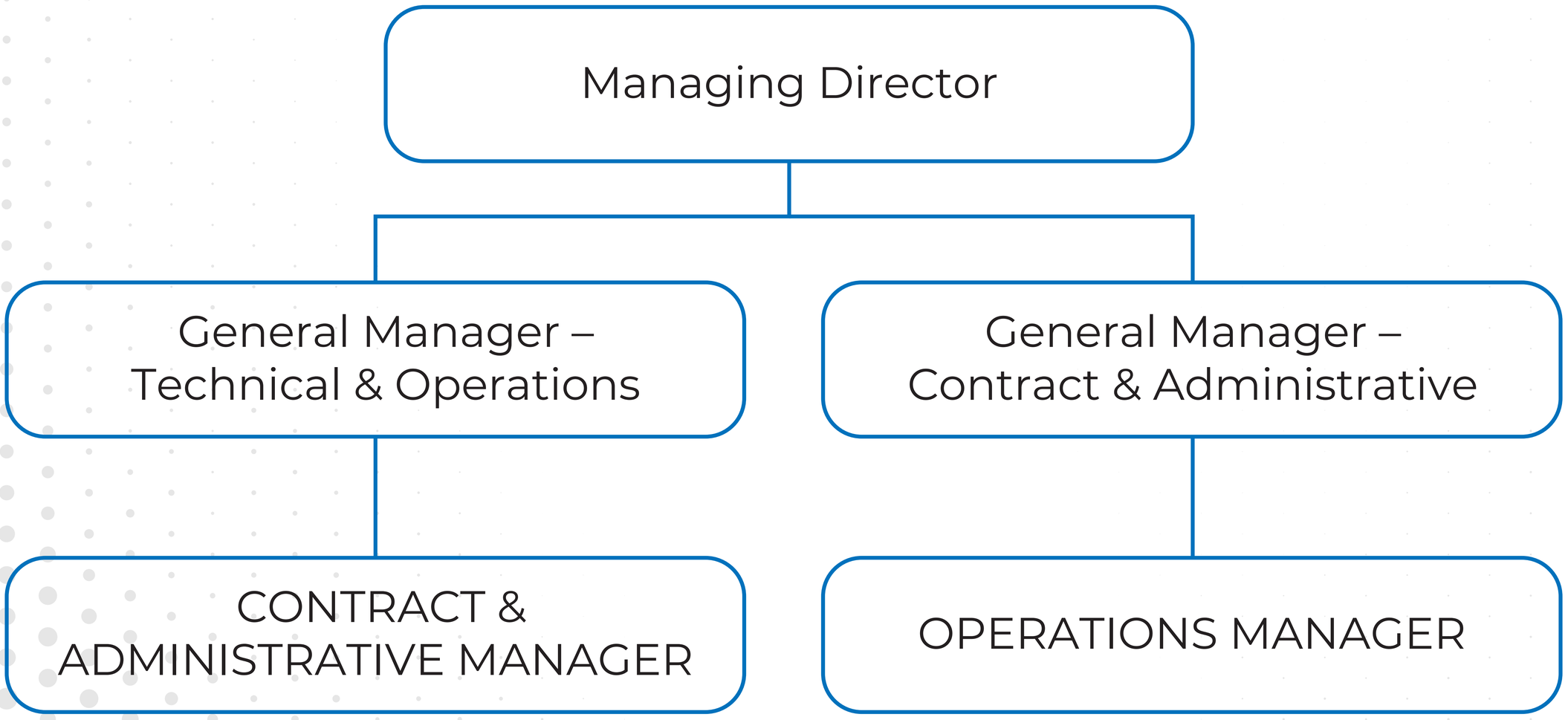


Muhammad Haikal Hassan

Operations Manager

Coordinates day-to-day operations and supports the execution of marine and hydrographic projects.

Organisational Structure



This structure enables NSSB to maintain clear accountability across technical operations, project delivery, contracts and administration, supporting efficient execution of maritime projects.

Our Maritime Experts

Nautical Solution Sdn. Bhd. is supported by a team of highly experienced maritime professionals with specialised expertise in hydrography, oceanography, marine cartography and Marine GIS. Their professional qualifications and extensive service with the Royal Malaysian Navy and National Hydrographic Centre strengthen NSSB's technical capabilities and operational reliability.



Lt Cdr Ts. Gs. Ahmad Shahrin bin Abu Zarin RMN (Retired)

Expertise: Hydrography & Marine Cartography

- Hydrographic Survey CAT A – UTM, Malaysia
- Hydrographic Survey CAT B – JHOD, Japan
- Marine Cartography CAT B – UKHO, United Kingdom
- Master of Management – UNITAR
- Bachelor of Science (Nautical) – UTM
- 21 years of experience with the Royal Malaysian Navy / National Hydrographic Centre



Lt Cdr Ts. Gs. Azmi bin Rosedee RMN (Retired)

Expertise: Hydrography & Oceanography

- Hydrographic Survey CAT A – USA
- Hydrographic Survey CAT B – JHOD, Japan
- Post-Graduate Certificate in Ocean Bathymetry – UNH, USA
- Bachelor of Science (Nautical) – UTM
- 22 years of experience with the Royal Malaysian Navy / National Hydrographic Centre



Lt Khalis bin Ismail RMN (Retired)

Expertise: Hydrography & Marine GIS

- Hydrographic Survey CAT B – Indonesia
- Diploma in Management Technology (Maritime Defence Transportation) – UTM
- 21 years of experience with the Royal Malaysian Navy / National Hydrographic Centre

Together, these specialists provide NSSB with strong technical leadership across marine surveying, data acquisition, charting and geospatial applications, supporting the delivery of accurate and dependable maritime solutions.

Our Core Business

Nautical Solution Sdn. Bhd. delivers integrated maritime solutions through three core business areas, combining technical expertise, advanced marine technology and practical operational experience to support the needs of government agencies, ports, marine operators and industry partners.



1. Hydrographic, Oceanographic, Marine GIS / Cartography & Marine Services

NSSB provides comprehensive marine survey and geospatial services covering:

- End-to-end hydrographic survey solutions
- Oceanographic survey and marine data acquisition
- Nautical publication production and updating
- Marine GIS database and application development
- Ship-to-ship, lay-up, dredging and reclamation support
- Vessel clearance, DSL and maritime compliance services

2. Marine Systems & Equipment Supply

NSSB supplies and supports a wide range of maritime technologies and related products, including:

- Multibeam Echo Sounder (MBES) systems
- AIS and Vessel Traffic System (VTS) solutions
- ECDIS and Electronic Chart Systems (ECS)
- Ship simulator systems
- Marine-related products and nautical publications
- IT, digital, graphic and printing services
- Office consumables, stationery and general office requirements





3. Training & Consultation

NSSB provides professional training and advisory services designed to strengthen technical and operational capabilities within the maritime sector.

Our services include:

- Hydrography training
- Oceanography training
- Marine cartography training
- Marine GIS training
- Marine project consultation
- Operational consultation for specialised maritime activities

Why Choose Nautical Solution



Nautical Solution Sdn. Bhd. combines specialised maritime expertise, advanced technology and practical operational experience to deliver dependable solutions across hydrography, oceanography, marine cartography and maritime systems.

Integrated Hydrographic Solutions

From seabed data acquisition to nautical chart production, NSSB manages the complete hydrographic workflow under one coordinated technical framework, helping ensure consistency, accuracy and reliability throughout every stage.

Experienced Maritime Professionals

Our team includes certified hydrographers and maritime specialists with extensive experience in the Royal Malaysian Navy and National Hydrographic Centre, bringing strong technical knowledge and operational understanding to each project.

Regulatory Compliance & Quality Assurance

NSSB carries out its operations in accordance with recognised local and international standards, supported by structured quality control processes to help ensure reliable and compliant project deliverables.

From Survey Data to Maritime Intelligence

NSSB goes beyond delivering raw survey information. We transform marine data into structured navigational products and maritime intelligence that support safe navigation, efficient port operations and informed decision-making.

End-to-End Maritime Capability

With capabilities spanning surveying, oceanographic data acquisition, Marine GIS, charting, equipment supply, training, consultation and maritime compliance, NSSB provides clients with a comprehensive and integrated maritime service platform.

Hydrographic Survey Services



Nautical Solution Sdn. Bhd. maintains an in-house hydrographic survey team capable of supporting both inshore and offshore marine projects.

Using advanced hydrographic survey systems, NSSB provides accurate and reliable bathymetric data acquisition to support navigation, dredging, reclamation, port development and other marine operations.

Our capabilities include:

- Bathymetric and hydrographic surveying
- Inshore and offshore survey operations
- Multibeam Echo Sounder (MBES) survey support
- Marine data acquisition and processing
- Survey support for dredging and reclamation projects
- Preparation of reliable hydrographic data for further charting and analysis

NSSB combines experienced personnel, modern survey technology and structured quality control to deliver dependable marine survey results.

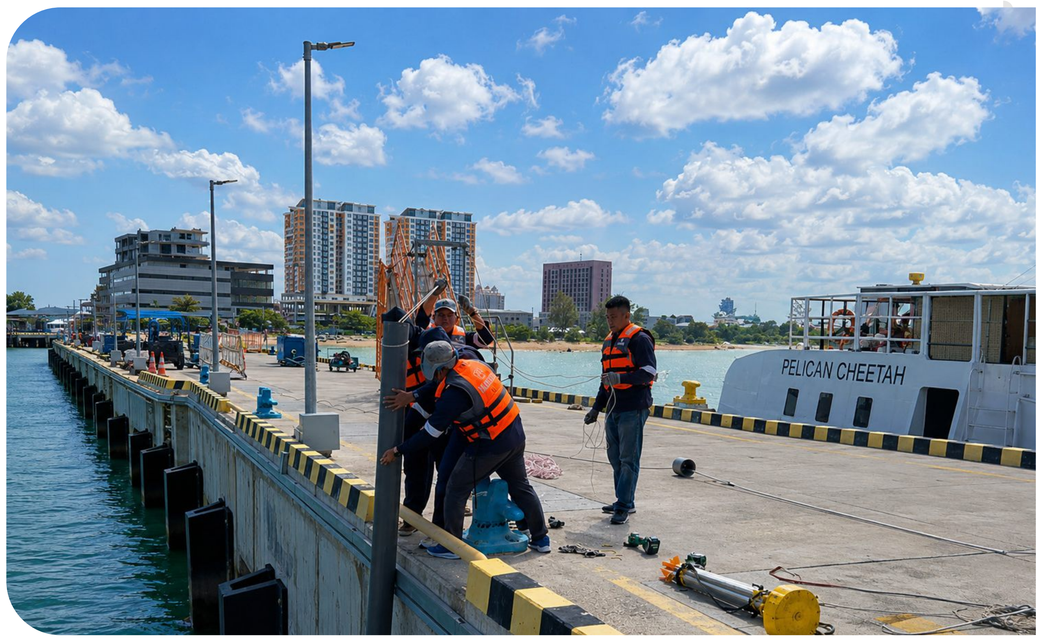
Oceanographic & Marine Survey Services

Nautical Solution Sdn. Bhd. provides specialised oceanographic and marine survey services to support the assessment of physical marine processes, seabed conditions and environmental characteristics at project sites.



Our capabilities include:

- Acoustic Doppler Current Profiler (ADCP)
- Magnetometer Survey
- Sub-Bottom Profiling
- Tide Gauge Installation & Tidal Analysis
- Seabed & Water Sampling



Through reliable data acquisition and experienced technical personnel, NSSB supports marine engineering, port development, dredging, reclamation and other maritime projects with accurate oceanographic information.

Marine Cartography, ENC & Marine GIS Solutions

Nautical Solution Sdn. Bhd. provides specialised marine cartography, Electronic Navigational Chart (ENC) and Marine GIS solutions that transform hydrographic data into structured navigational products and maritime information.



Our capabilities include:

- Nautical chart compilation and updating
- Electronic Navigational Chart (ENC) compilation
- ENC validation and quality checking
- Marine GIS database development
- Marine GIS application development
- Integration of hydrographic and geospatial data
- Preparation of navigational information for maritime operations

Through technical expertise in hydrography, cartography and geospatial systems, NSSB supports the delivery of accurate and reliable maritime information for safe navigation and effective marine decision-making.



Marine Systems & Equipment Supply

Nautical Solution Sdn. Bhd. supplies and supports a range of advanced marine systems and equipment designed to enhance hydrographic operations, vessel monitoring, navigation and maritime training.

As an official distributor in Malaysia for selected international marine technology providers, NSSB offers:









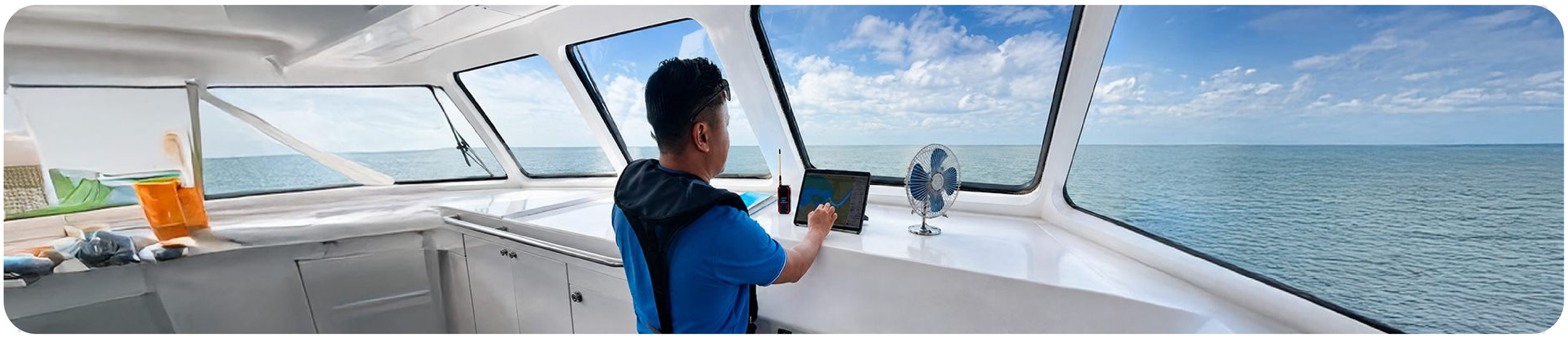


- Multibeam Survey Systems – R2Sonic, USA
- Vessel Traffic System (VTS) & AIS Solutions – i-Marine, Türkiye
- ECDIS & Electronic Chart Systems (ECS) – OneOcean, Singapore
- Ship Simulator Systems – STSTC, Singapore

Through trusted technology partnerships and technical expertise, NSSB delivers reliable maritime systems that support survey accuracy, navigational safety, vessel traffic management and operational efficiency.

ECDIS, ECS, VTS & AIS Solutions

Nautical Solution Sdn. Bhd. provides advanced electronic navigation and vessel traffic management solutions to support safer, more efficient maritime operations.









Our capabilities include:

- ECDIS – Electronic Chart Display and Information System
- ECS – Electronic Chart System
- VTS – Vessel Traffic System
- AIS – Automatic Identification System
- System supply and integration
- Technical support and solution consultation

Through partnerships with OneOcean and i-Marine, NSSB delivers reliable technologies that enhance navigation, vessel monitoring, traffic awareness and maritime operational control.

Marine Products, Publications & Supply Services

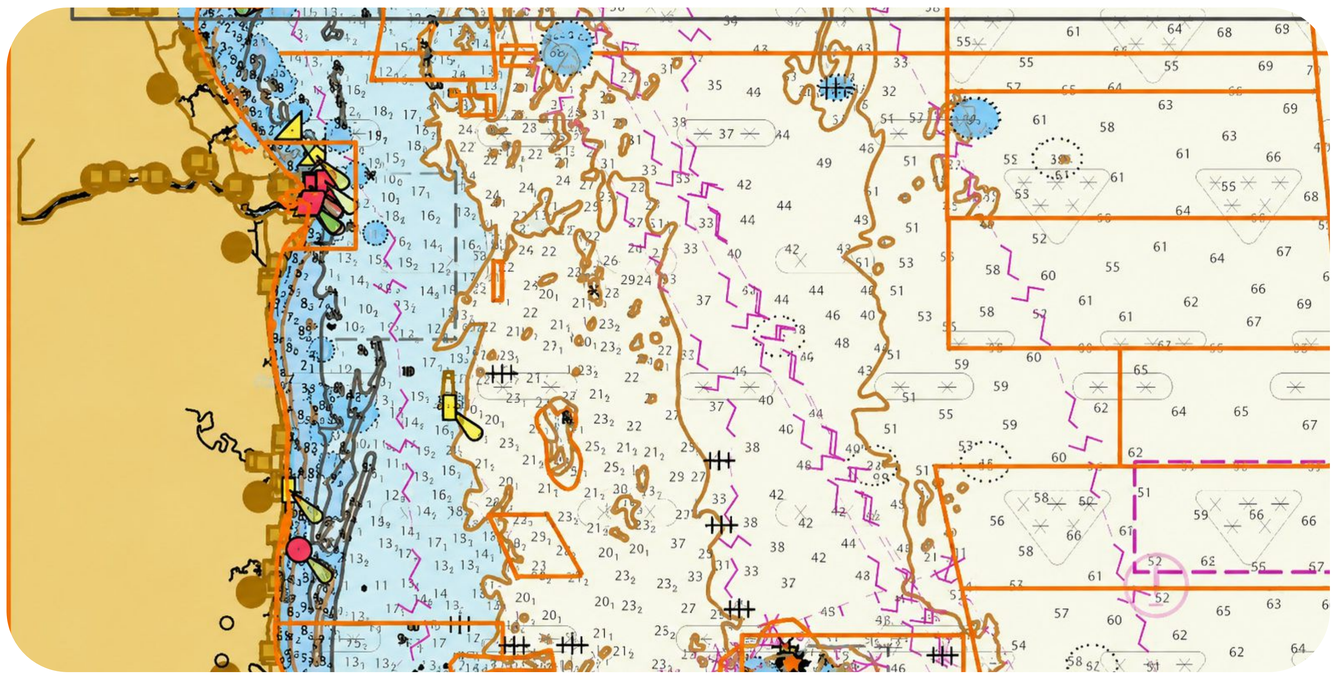
Nautical Solution Sdn. Bhd. provides a range of marine products, navigational publications and general supply services to support maritime operations and organisational requirements.

Our offerings include:

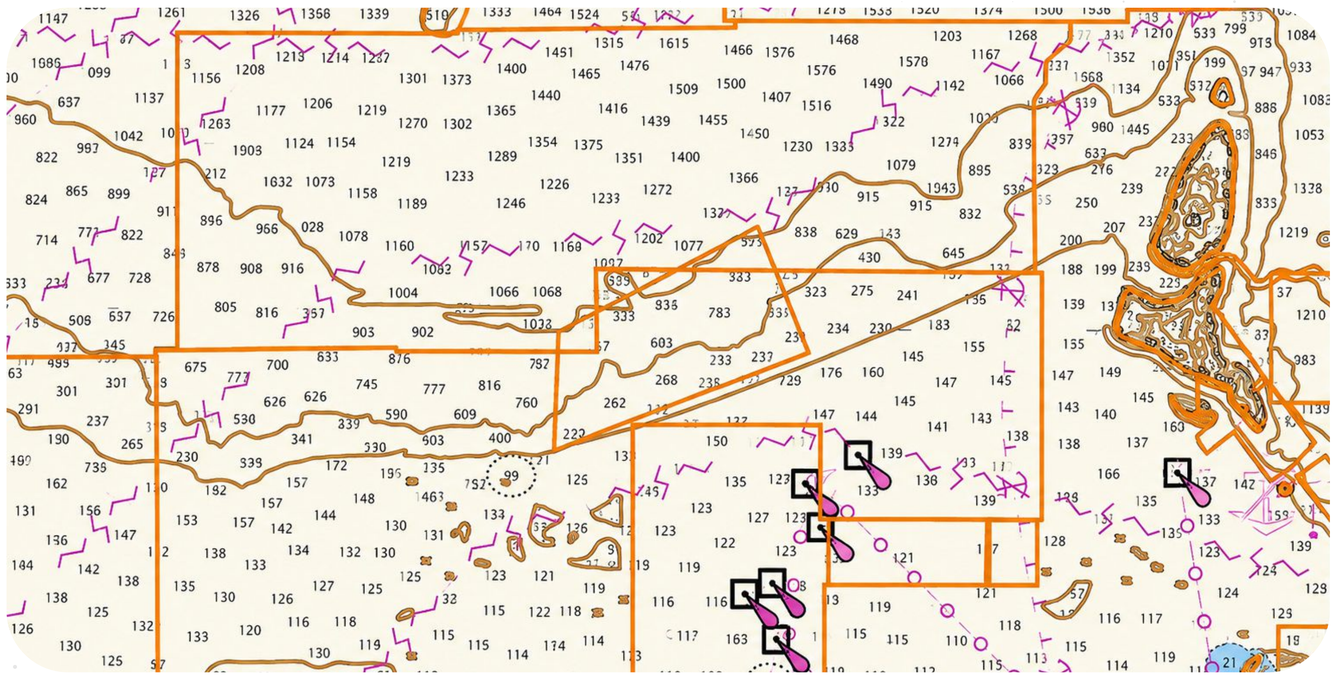
- MAL & BA Nautical Charts
- Electronic Navigational Charts (ENC)
- Nautical Publications
- Marine-related products and accessories
- Digital & Offset Printing Services
- Office consumables, stationery and general office supplies

Through reliable sourcing and practical industry knowledge, NSSB supports clients with essential maritime resources and day-to-day operational supplies.









Training & Maritime Consultation

Nautical Solution Sdn. Bhd. provides specialised training and consultation services in hydrography, oceanography, marine cartography and related maritime operations.



Our training and consultation capabilities include:

- Hydrographic Survey Training
- Oceanography Training
- Marine Cartography & ENC Training
- Marine GIS & GNSS Training
- Marine Project Consultation
- Ship-to-Ship & Lay-Up Consultation
- S-100 Related Knowledge & Industry Engagement
- Technical and operational advisory for maritime projects

NSSB has also conducted training programmes for the Malaysia Marine Department, supporting knowledge transfer and the development of local maritime expertise.













Vessel Clearance & Maritime Compliance Services

Nautical Solution Sdn. Bhd. provides vessel clearance, Domestic Shipping Licence (DSL) and maritime compliance support to assist clients in meeting operational and regulatory requirements for marine activities.

Our services include:

- Vessel Clearance Support
- Domestic Shipping Licence (DSL) Services
- Maritime compliance coordination
- Documentation and operational support
- Advisory for marine activities and vessel operations

With practical maritime experience and industry knowledge, NSSB helps clients manage essential compliance processes efficiently and supports smoother marine operations.

Certifications & Registrations

Nautical Solution Sdn. Bhd. is committed to maintaining professional credibility, industry recognition and compliance through relevant registrations, licences and certifications that support its maritime operations.









SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

COMPANIES ACT 2016
(ACT 777)

CERTIFICATE OF INCORPORATION OF PRIVATE COMPANY

This is to certify that

NAUTICAL SOLUTION SDN. BHD.
202301041889 (1535807-P)

is, on and from the 23rd day of October 2023, incorporated under the Companies Act 2016, and that the company is a company limited by shares and that the company is a private company.

Dated at **KUALA LUMPUR** this 3rd day of September 2025.

DATUK NOR AZIMAH ABDUL AZIZ
REGISTRAR

MY2509038430460
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Printing Date: 03/09/2025

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TEL : 03-7721 4000 FAX : 03-7721 4001

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

Although all efforts have been carried out to ensure that the information provided is accurate and up to date, the Registrar will not be liable for any losses arising from any inaccurate or omitted information.

CORPORATE INFORMATION

Name	:NAUTICAL SOLUTION SDN. BHD.
Last Old Name	:NIL
Date Of Change	:NIL
Registration No.	**:202301041889(1535807-P)**
Incorporation Date	:23-10-2023
Type	:LIMITED BY SHARES PRIVATE LIMITED
Status	:EXISTING
Registered Address	:NO. 65-2 TINGKAT 2 JALAN MELATI UTAMA 4 TAMAN MELATI UTAMA SETAPAK WILAYAH PERSEKUTUAN
Postcode	:53100
Origin	:MALAYSIA
Business Address	:B-2-05 SUNSURIA FORUM @ 7TH AVENUE JALAN SETIA DAGANG AL U13/AL SETIA ALAM SEKSYEN U13 SHAH ALAM SELANGOR
Postcode	:40170
Nature Of Business	:RETAIL SALE OF OFFICE SUPPLIES AND EQUIPMENT;EXPORT AND IMPORT OF MEASURING, TESTING, NAVIGATING AND CONTROL EQUIPMENT;OTHER INFORMATION TECHNOLOGY SERVICE ACTIVITIES N.E.C.

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User Id: aai1402

Printing Date: 02/07/2025

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MENARA SSM@SENTRAL, NO.7, JALAN STESEN SENTRAL 5, KUALA LUMPUR SENTRAL, 50623 KUALA LUMPUR.
TEL : 03-7721 4000 FAX : 03-7721 4001

KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K10076097293750790
NO. RUJUKAN PENDAFTARAN : 357-0002375460
TEMPOH SAH LAKU : 08/02/2024 - 07/02/2027

Bahawa dengan ini diperakui syarikat :

NAUTICAL SOLUTION SDN. BHD. (1535807-P / 202301041889)
B-2-05 SUNSURIA FORUM @ 7TH AVENUE
JALAN SETIA DAGANG AL U13/AL
SETIA ALAM SEKSYEN U13
PETALING
40170 SHAH ALAM
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ENCIK AHMAD SHAHRIN BIN ABU ZARIN	860417566465	PENGARAH

t.t

DATIN ROSNI BINTI MOHD YUSOFF
Bahagian Perolehan Kerajaan
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 08/02/2024

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA

NO. SIJIL : BP10076097293919114
NO. RUJUKAN PENDAFTARAN : 357-0002375460
TEMPOH SAH LAKU : 28/09/2024 - 07/02/2027

Bahawa dengan ini diperakui syarikat :

NAUTICAL SOLUTION SDN. BHD. (1535807-P / 202301041889)
B-2-05 SUNSURIA FORUM @ 7TH AVENUE
JALAN SETIA DAGANG AL U13/AL
SETIA ALAM SEKSYEN U13
PETALING
40170 SHAH ALAM
SELANGOR, MALAYSIA

Telah diiktiraf sebagai Syarikat Bumiputera oleh Kementerian Kewangan Malaysia. Taraf Bumiputera bukannya hak dan boleh ditarik balik sekiranya syarikat gagal mematuhi syarat/kriteria yang ditetapkan. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Sijil Akuan Pendaftaran Syarikat Bumiputera (Lampiran C).

t.t

DATIN ROSNI BINTI MOHD YUSOFF
Perbendaharaan Malaysia Semenanjung
b.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 08/02/2024

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

NAUTICAL SOLUTION



THANK YOU

FOR TAKING THE TIME TO LEARN MORE ABOUT NAUTICAL SOLUTION SDN. BHD.

We are committed to delivering reliable, professional and integrated maritime solutions across hydrographic surveying, oceanography, marine cartography, Marine GIS, maritime systems, training and consultation.

For enquiries, project collaboration or further information, please contact us:

CONTACT US

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Jalan Setia Dagang AL U13/AL
Setia Alam Seksyen U13
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Selangor Darul Ehsan

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Email: admin@nauticalsolution.com.my

Website: www.nauticalsolution.com