

Biography of Dr. M.F.G. Thierry Catherine



D.O.B: 22 Decembre 1962
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 Marital Status: Married
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COMPANIES & REPRESENTATION:

COMPANY	POSITION	JURISDICTION	WEBSITE
Midgard Group UAE	Shareholder / CEO	Fujairah	www.midgardgroup.ae
Alyasat Oil Trading	Advisor	Abu Dhabi	www.alyasatoil.com
AGE Pty Ltd	Board Member	Australia	www.activexperts.com.au
Palisander Trading	Shareholder / CEO	Umm Al Quwain	www.midgardgroup.ae
Food For All Ltd	Shareholder / CEO	Mauritius	www.midgardgroup.ae
Afroinvest	Advisor	Russia	https://afroinvest.ru/
IHRO	Advisor	India	https://ihro.co.in/
Arbok Technologies	Board Member	USA	https://arbok.tech/team/
Z20	Middle East Rep	Cyprus	https://z2o.co/
ZeroEx GmbH	Middle East Rep	Germany	https://zeroex.org/en
Aequum Elements AG	Marketing Strategy	Switzerland	www.aequum-elements.com
Porter Hotels GmbH	Advisor	Germany	https://theporter.io/

Professional Journey: Thierry's professional journey of 45 years ago, started in the hospitality industry in 1979, holder of a "CAP" degree for Hospitality Industry as well as being a Lead Assessor ISO 9000-9001 from the British Standard Bureau UK. He excelled as a Development Coordinator for internationally recognized hotel groups such as Huis Ten Bosch (Nagasaki Holland Village – NHV composed of 5 hotels) in Japan where he supervised the accreditation of Hotel Rotterdam as a "Leading Hotel of the World", Ong Ben Seng Group in Singapore in charge of setting up the F&B Department for Bandos Island Resort and Kuda Hura Resort in Maldives, Beachcomber Group in Mauritius – Le Meridien / Morne Brabant Hotel and the Sun International Group (Sol Kerzner Group) in Mauritius & South Africa – Opening of Lost City Hotel and refurbishment of Le Touessrok Hotel, Coco Beach Resort and opening of Sugar Beach Hotel. Still involved in the Hospitality Industry as an advisor for Porter Hotels in Europe.

In 1999, while still active in the Hospitality Industry, Thierry' first steps in the oil and gas industry started with Energy Supplies International GmbH (ESI HQ) as the MD of ESI (Mauritius) having

Page 1 of 12

102A, MAKAAAN BLDG, AL NAKHEEL RD,
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Mr Geiso Mampell, CEO of ESI HQ as his first mentor. On the 11th of January 2011, after six years collaborating with Phoenix Oel AG, Thierry became one of its shareholders and was appointed as a board member/director of the corporation in charge of operations.

BOARD MEMBERS OF PHOENIX OEL AG

Alain Bessière

After having exercised several positions as an economist and business developer in the TOTAL GROUP, Mr. Bessière joined ELF AQUITAINE and became Finance Director of Exploration & Production operations in Africa. Then, at the Exploration & Production Finance Division of the ELF AQUITAINE Group, he became the Head of the Joint Venture and Business Development Department. Mr. Bessière is a reputable expert in Joint-Venture Management and in Financial Engineering. His know-how in the oil & gas industry is based on 35 years' experience.

Joël Bouchaud

After having exercised several positions as a financier in the ELF AQUITAINE GROUP, Mr. Bouchaud became Finance Director of ELF AQUITAINE Exploration & Production Division, and then was nominated Chief Executive Officer of major ELF AQUITAINE operations in the North Sea for Netherlands and the United Kingdom. Mr. Bouchaud then assumed the responsibilities of Director of ELF AQUITAINE Business Development and New Ventures of the Exploration & Production Division and Group Vice-President of Exploration Affiliates.

Oliver A. Dittmar

Mr. Dittmar studied economics and is a German consultant and entrepreneur, who owns several companies, of which one is a successful real estate company (Combine Consulting GmbH) with activities in Germany and Switzerland. Mr. Dittmar is the founder and Chief Executive Officer of PHOENIX OEL AG.

Jean-Michel Fonck

After having exercised several technical positions within the Exploration & Production Division of TOTAL, Mr. Fonck became Chief Executive Officer of the TOTAL South American operations – Argentina, Bolivia and Venezuela. Mr. Fonck was nominated Group Director of TOTAL Earth Sciences Division and Exploration Vice-President of TOTAL GROUP. Mr. Fonck is the man who made TOTAL big by developing a successful exploration strategy.

Today it is over two decades that Thierry transitioned his professional career in the oil and gas industry. While still being in the hospitality business, Thierry started to acquire a knowledge of the oil and gas industry as CEO of Energy Supply International GmbH with Mr. Geiso Mampell and the Board Members of Phoenix Oel AG (today a dormant company as all operations are driven today by Midgard Group UAE). His extensive experience in the oil

Page 2 of 12

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Thierry Catherine

and gas market, highlighted by successful collaborations and initiatives, underscores Thierry's expertise and leadership in this industry by establishing an exploration JV Agreement with Essar Energy (today Naraya Energy) of India - <https://www.projectstoday.com/News/Essar-eyes-stake-in-Libyan-field>.



PHOENIX OEL AG

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 Bullion Investment Group LLC
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 E-mail: thierry@big-llc.eu or big.llc.googlemail.com

Ihre Zeichen, Ihre Nachricht vom	Unser Zeichen, unsere Nachricht vom	Telefon, Name	Datum
	OD/VL	+49-89-81-00-93-90	11-January-2011

REF: APPOINTMENT TO BOARD

DEAR THIERRY,

AFTER SIX YEARS OF COLLABORATION UNDER THE UMBRELLA OF OUR JOINT VENTURE AGREEMENT BETWEEN ICITRADE Co LTD / B.I.G LLC AND US, WE WOULD LIKE TO CONGRATULATE YOU ON YOUR APPOINTMENT AS ONE OF THE DIRECTORS TO THE PHOENIX BOARD.

WE HERE AT PHOENIX ARE CERTAIN AND VERY CONFIDENT THAT THROUGH YOUR ASSOCIATIONS WITH THE MAJORS IN THE OIL INDUSTRY , PHOENIX OEL AG IS ON THE RIGHT TRACK IN THE CONTEXT OF BEING ABLE TO EXPAND ITS OBJECTIVES AS IT PERTAINS TO THE DOWNSTREAM SECTOR OF THE PETROLEUM INDUSTRY.

WELCOME ON BOARD AND ALL THE BEST.

FOR AN ON BEHALF OF

PHOENIX OEL AG




OLIVER A. DITTMAR - CEO

C.C: MR VITTORIO LAUREANO – COMPLIANCE OFFICER

PHOENIX OEL AKTIENGESELLSCHAFT
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Page 3 of 12

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Energizing Collaboration Through Strategic Partnerships

Summary: Thierry Catherine is a visionary leader with a rich hospitality, oil, and a sound knowledge of new technologies. With over two decades of experience, Thierry has played pivotal roles in renowned organizations, driving growth and fostering partnerships across multiple industries.

Thierry's Impactful Leadership at ARBOK: Currently serving as Director of Energy Industry Relations and a Board Member at ARBOK, Thierry brings strategic expertise and industry knowledge to advance initiatives in water desalination, brine treatment, water treatment and purification, and oil spill treatment.

As Director and Board Member, Thierry's leadership at ARBOK has been instrumental in addressing critical challenges in the energy and water sectors. Thierry has facilitated the development of cutting-edge technologies and fostered strategic partnerships by spearheading initiatives in water desalination, brine treatment, water treatment and purification, and oil spill treatment. His strategic vision and industry insights have propelled ARBOK towards significant advancements in sustainable water resource management and environmental conservation solutions.

Assuming a pivotal role within ARBOK, Thierry now spearheads the group's three companies, leveraging his expertise to drive growth and innovation in the energy sector. Additionally, as Director of Energy Industry Relations and a Board Member - <https://arbok.tech/team/>, Thierry plays a crucial role in shaping ARBOK's strategic direction and fostering collaborations on G2G basis to address pressing water resources and environmental sustainability challenges mainly in Africa. This strategic shift underscores Thierry's commitment to advancing ARBOK's mission and making a lasting impact in the water supply industry.

Driving Strategic Partnerships: Thierry's role at ARBOK extends beyond conventional business relationships, including strategic partnerships and collaborations within the energy industry. His expertise in building alliances and fostering collaboration has been pivotal in propelling ARBOK's initiatives forward, leveraging collective expertise and resources to tackle complex challenges in water resources and environmental sustainability.

Legacy of Innovation and Collaboration: Thierry's legacy is marked by innovation, collaboration, and environmental stewardship. His visionary leadership and dedication to advancing sustainable solutions in the energy and water sectors have positioned him as a respected figure in the industry. As a Board Member and Director of Energy Industry Relations at ARBOK, Thierry continues to drive positive change and inspire others to address global water resource and environmental sustainability challenges.

Thierry's Key Roles: Thierry is running several companies as well as holding an advisory managerial position with other reputable internationally recognized institutions:

Page 4 of 12

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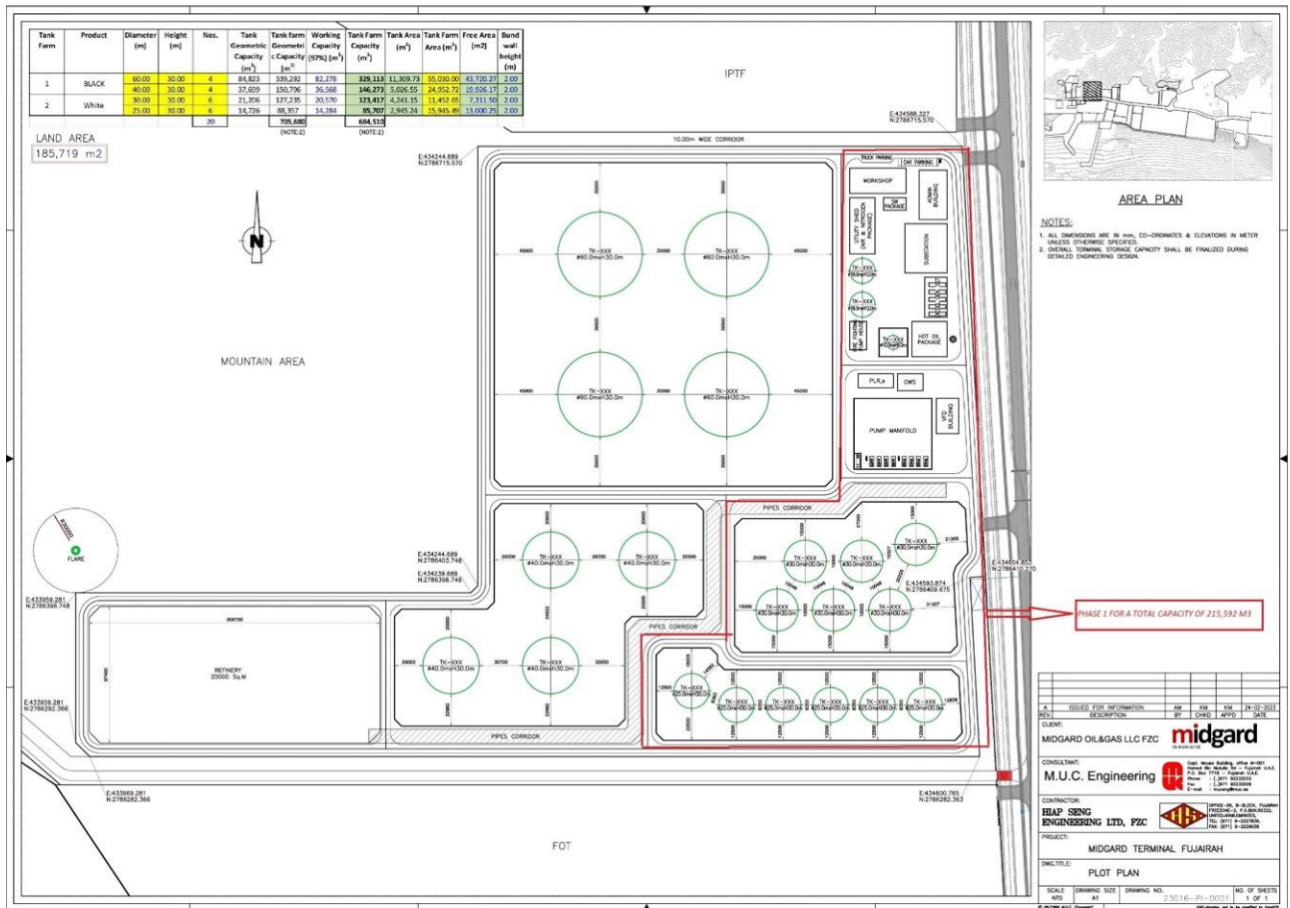
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Thierry Catherine

PALISANDER TRADING FZE (UAE): – www.midgardgroup.ae. Thierry is the founder and sole owner of Palisander holder of a dual license: One for precious metals and precious gems trading license - 9199 and one for Oil and Gas Trading License – 9199/2. We are also the official AIS Station No 6822 for Marine Traffic in UAE.

MIDGARD GROUP (UAE): – www.midgardgroup.ae. Is in the process to start the construction of their own tank storage project of 705,000 Cbm in Fujairah, UAE. Due to the Covid crisis, we did face some delays but as of Mid-2025, we should be back on track with our project.



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FOOD FOR ALL LTD – FFA (MAURITIUS): – Owned by Thierry and his wife, FFA is specialized in food commodities such as wheat, flour, canned food, sugar, edible oils, rice, meat, sea-food, poultry and any commodity related to food supply.

Z2O (CYPRUS): - <https://z2o.co/>. Our products are formulated with bacteria occurring naturally in our environment. The teams of bacteria in our products will work with the available bacteria to restore the environment naturally without the intervention of harmful compounds. We offer the natural solutions for better industries in the Modern World.

IHRO (INDIA): - <https://ihro.co.in/ihro-project-team>. Established on 2nd May 2012, International Human Rights Observatory (IHRO) is an International NGO established with an aim to uphold, protect and propagate the 30 Human Rights as per the UNITED NATIONS DECLARATION OF HUMAN RIGHTS BY UNGCA as on 10th December 1948. IHRO is an expression of tolerance in all cultures that form the basics of peace and progress. International Human Rights Observatory is a worldwide movement of people who campaign for human rights for all. As of 2025, IHRO will become a member of the United Nations and Thierry will be appointed as UAE Ambassador. Our mission is to empower women to become entrepreneur mainly in Africa. Aside of various key projects in Nigeria and Ghana, Thierry is instrumental in setting up a Moringa Farm in Mauritius.

ZEROEX GMBH (GERMANY): - <https://zeroex.org/en>. ZeroEx focuses on building solutions for the most pressing issue of our time: “**climate change**”. ZeroEx is a one-stop solution for carbon metrics and high-value carbon removal credits. We offer companies an open-source CO₂ calculator to transparently quantify their emissions. ZeroEx holds its accreditation from Puro Earth as well as working closely with SGS for the quality of our products.

AEQUUM ELEMENTS AG (SWITZERLAND): – www.aequum-elements.com. Aequum owns 8 mines in Africa, mainly Rwanda, Tanzania and DRC. We excel in the supply of rare earths and strategic metals such as Lithium, Beryllium, Niobium, Tantalum, Copper, and Manganese.

ARBOK TECHNOLOGIES (USA): – <https://arbok.tech/team/>. ARBOK Technologies, where innovation and sustainability intertwine, forging a path toward a future marked by responsibility and groundbreaking solutions to address global challenges with efficiency, environmental mindfulness, and forward-thinking technology.

AGE PTY LTD – As a board member in charge of compliance and operations of AGE Pty Ltd, an Australian based company, Thierry overviews all DD and ground operations related to oil and gas trading in Rotterdam, Jurong and Fujairah.

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THIERRY'S VISION OF THE FUTURE OF COMMODITY PLATFORMS

REVOLUTIONIZING GLOBAL OIL AND GAS TRADING

Author: Dr. M.F.G. Thierry Catherine

"Trade is an engine of growth that creates better jobs reduces poverty and increases economic opportunity."

Global trade liberalization increases GDP, and that it has, "lifted more than one billion out of poverty since 1990." But for these benefits to be shared more equally, trade needs to be efficient, and this is not always the case.

The complexity and interconnected nature of global trade was laid bare during supply chain disruptions due to the COVID-19 pandemic. Shipping delays, and shortages, meant unprecedented issues for many exporters, importers, businesses, and consumers.

Nowadays dozens of countries looking to introduce digital systems for trade, such as Electronic Single Windows, and Trade Information Portals. "Technology and digitization make trading faster, cheaper, easier and more predictable" adding to that "automation makes things more efficient at borders and ports."

Midgard Group UAE has the firm intention to **Revolutionizing Global Trade** through technologies such as ecommerce, 3D printing, 5G, the Cloud, blockchain, and artificial intelligence are pillars in the economics of trade and global production, empowering businesses of all sizes to make, move, and market products and services worldwide and with greater ease than ever before. The twin forces of digitization and globalization are changing the patterns, players, politics, and possibilities of global trade, and can reinvigorate global productivity.

➤ **What are Commodity Platforms?**

- ✓ Commodity platforms are digital marketplaces that connect buyers and sellers of various commodities.
- ✓ They provide a centralized space for trading commodities, offering transparency, efficiency, and enhanced market access.
- ✓ Success is based on the ability to create a commodity platform with the purpose of a "One-Stop-Shop".

➤ **KEY FEATURES AND BENEFITS**

- ✓ Transparency: Commodity platforms provide real-time pricing, market data, and historical trends, enabling informed decision-making.

Page 7 of 12

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- ✓ Efficiency: Streamlined processes, automated documentation, and secure payment systems reduce transactional complexities and save time.
- ✓ Market Access: Commodity platforms connect participants globally, expanding market reach and fostering trading opportunities.
- ✓ Risk Mitigation: Platforms offer risk management tools, options contracts, and hedging mechanisms, minimizing exposure to price volatility.

➤ **HOW COMMODITY PLATFORMS WORK**

- ✓ Walk through the typical workflow of a commodity platform:
- ✓ Registration and account setup
- ✓ Listing and searching for commodities.
- ✓ Negotiation and agreement
- ✓ Execution and fulfilment
- ✓ Payment and settlement.
- ✓ Visualize the steps with a flowchart or diagrams.

➤ **INDUSTRY IMPACT**

- Commodity platforms streamline processes, reducing paperwork and manual interventions, leading to faster transactions.
- Enhanced Market Access: Small-scale producers gain access to global markets, levelling the playing field and promoting fair competition.
- Platforms provide transparent pricing information, aiding in fair price discovery and reducing information asymmetry.
- Risk Management: Hedging tools and options contracts protect participants from price fluctuations, reducing risks and fostering stability.

➤ **CHALLENGES AND SOLUTIONS**

- ✓ *Challenges faced by commodity platforms:*
- ✓ Standardization of commodity specifications and quality assessment
- ✓ Regulatory compliance and legal frameworks

Page 8 of 12

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- ✓ Cybersecurity and data protection
- ✓ Solutions: Collaborative efforts between industry stakeholders and regulators - Integration of advanced technologies like blockchain for enhanced security and traceability.
- ✓ Establishing global standards and frameworks for commodity trading
- **Future Trends and Opportunities**
- ✓ Emerging technologies: Artificial Intelligence, Internet of Things, and blockchain transforming commodity platforms.
- ✓ Sustainable and responsible trading: Platforms focusing on ESG (Environmental, Social, and Governance) criteria in commodity trading.

Thierry has a vision to create a global commodity trading platform for the group assisted by a dedicated specialized team who will oversee daily updates of availability of the various products that the group wish to purchase.

Sincerely Yours,

Dr. M.F.G. Thierry Catherine
Group CEO



Annex:

- Palisander License 9199
- Palisander License 9199/2
- Marine Traffic AIS Station 6822

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LICENSE	رخصة		
LICENSE NO.	9199	٩١٩٩	رقم الرخصة
TYPE OF LICENSE	Commercial	تجارية	نوع الرخصة
LICENSEE	Palisander Trading FZE	باليسندر تريننج م.م.ح	صاحب الرخصة
OPERATING NAME	Palisander Trading FZE	باليسندر تريننج م.م.ح	الاسم التجاري
ADDRESS	Al Shmookh Business Center, One UAQ, UAQ Free Trade Zone, Umm Al Quwain, U.A.E.	مركز الشموخ للأعمال ١ أم القيوين منطقة التجارة الحرة بام القيوين أم القيوين، الإمارات العربية المتحدة	العنوان
MANAGER	Marie Francois Giovanni Thierry Catherine	ماري فرانكويس جيوفاني تيري كاتريني	المدير
ACTIVITY	- Non Ferrous Metal Trading - Non-Manufactured Precious Metal Trading - Pearls and Precious Stones Trading	- تجارة المنتجات الاساسية للمعادن غير الحديدية - تجارة الذهب والمعادن الثمينة غير المشغولة - تجارة اللؤلؤ والاحجار الكريمة	النشاط
ISSUE DATE	16/01/2023	٢٠٢٣/١/١٦	تاريخ الإصدار
VALID TILL	15/01/2026	٢٠٢٦/١/١٥	تاريخ الانتهاء
REMARKS			ملاحظات



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هذه الوثيقة معتمدة إلكترونياً للتحقق، يرجى مسح الكود.

صالحة لمنطقة التجارة الحرة بام القيوين فقط وتخضع لشروط عقد الإيجار وهوائين والخدمة ولوائح سلطة منطقة التجارة الحرة بام القيوين.

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LICENSE رخصة			
LICENSE NO.	9199/2	رقم الرخصة	٩١٩٩/٢
TYPE OF LICENSE	Commercial	نوع الرخصة	تجارية
LICENSEE	Palisander Trading FZE	صاحب الرخصة	باليسندر تريننج م.م.ح
OPERATING NAME	Palisander Trading FZE	الإسم التجاري	باليسندر تريننج م.م.ح
ADDRESS	Al Shmookh Business Center, One UAQ, UAQ Free Trade Zone, Umm Al Quwain, U.A.E.	العنوان	مركز الشموخ للأعمال ١ أم القيوين منطقة التجارة الحرة بأم القيوين أم القيوين، الإمارات العربية المتحدة
MANAGER	Marie Francois Giovanni Thierry Catherine	المدير	ماري فرانكويس جيوفاني تيري كاتريني
ACTIVITY	Crude Oil Trading Refined Oil Products Trading Fuel Trading Diesel Fuel Trading Tar and Asphalt Trading Lubricants and Grease Trading	النشاط	تجارة النفط الخام تجارة مشتقات تكرير النفط تجارة الوقود تجارة الديزل تجارة الفلر والاسفلت تجارة الشحوم وزيت التزليق
ISSUE DATE	02/05/2025	تاريخ الإصدار	٢٠٢٥/٥/٢
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AIS STATION 6822 – MARINE TRAFFIC



MarineTraffic

Hello Thierry Catherine,

We would like to inform you that the equipment has already been shipped directly from our vendor, who is located in UK.

The receiver is pre-configured and ready to start working immediately when connected, that is if your network supports automatic IP address assignment (DHCP). Connect it directly to your router via an Ethernet cable, to the VHF antenna and to the power supply. If there is no DHCP active, please check the setup guide in order to set up the unit using hotspot mode.

Sometimes, the first boot may last 15 minutes should there be any update available.

In order for the unit to be discovered on your local network, you may use a third party application such as Advanced IP scanner (<https://www.advanced-ip-scanner.com>)

Midgard Oil Trading FZC is to be identified as station **ID 6822**.

The receiver makes use of the following ports:

- 12142 - This is the destination port for your unit.
- 443 TCP - This is the most fundamental requirement - it is used to connect to the VPN and the web terminal, and many web endpoints using TLS (<https://>.)
- 123 UDP - For NTP time synchronization.
- 53 UDP - For DNS name resolution.

Each of these should work with outward only (and inward once outward connection is established) firewall settings.

Additionally, you should whitelist the following IP / domains for the relevant ports above:

- 5.9.207.224
- *.marinetraffic.com
- *.balena-cloud.com
- *.newrelic.com

You may download the Setup guides from here:

<https://drive.google.com/file/d/1KliygvtN-Udthlak7GQAG9zgmkpV6Q1C/view>

Please let us know once you receive the package and we will gladly help you with anything you may need during the installation.

Best regards,

Katerina Koukaki

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