



TIGM
TOP GLORY MARINE



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Founded in 2013 in Oldenburg

Top Glory Marine Service GmbH & Co. KG

is the platform provider for ship's

waste management worldwide.





Offices

Having established 5 offices in strategic locations enables us to provide services to our clients within similar time zones and support their fleet globally while adapting to local strategies.



Team

Our team of 19 experts from the waste management and shipping industry works out of five offices located in the main trading areas of our customers, always focused on their requirements and tackling the everyday challenges.



Suppliers

Our Database contains more than 200 disposal companies for MARPOL relevant waste streams and tank cleaning services in more than 400 ports. Our HSEQ department regularly audits the participating waste management companies. A real-time ranking of preferred suppliers, in the ports benchmarked on successful carried out services, guarantees the choice of the best disposal company.



Operated Ships

With a constantly growing network of waste disposal companies in ports all over the world, more than 400 ships are regularly served. Our focus is on maintaining the highest standards, while providing our customers with complete documentation and real time analysis on offloaded waste streams.



SPRO Covered Ships

Members of the TGM platform benefit from our SPRO service through our branch office in Tianjin, China where we support ship owners/operators in this regard and offer a 24/7 service with German contact persons.



Cloud

Via the TGM owned Enviro Fleet Cloud, members have direct access and gain full transparency through the real-time analysis on offloaded waste streams by vessel and fleet per a customized period. The cloud guarantees a complete documentation, supporting ISO 9001 and ISO 14001 certified companies.





**Global Solutions for Green
Maritime Waste Management**



SPRO Specialists



One-stop-shop Services



Innovative Green Services





Global Solutions for Green Maritime Waste Management

Worldwide disposal of all kinds of waste streams including hazardous material.

- 01** Sludge Disposal (MAPROL Annex I)
- 02** Garbage Disposal (MARPOL Annex V)
- 03** Special waste (e.g., Asbestos containing material)
- 04** Slop disposal (MARPOL Annex I and II) Oily and chemical washings
- 05** Sewage Disposal (MARPOL Annex IV)
- 06** Disposal of exhaust gas cleaning residues / Scrubber sludge (MARPOL Annex VI)
- 07** Debunkering



SPRO Specialists

China's Maritime Safety Agency (MSA) published new measures on Agreement for Ship Pollution Response Regime and a Directory of Hazardous Bulk Liquid Cargo Apt to Cause Pollution, which became effective from 1st March 2020 and for which oil booms need to be deployed during cargo operations or an Agreement with a Ship Pollution Response Organization (SPRO) needs to be concluded.

This is an update to a 2015 requirement, which says that, owners and operators of:

- 01** any ship carrying polluting and hazardous cargoes in bulk or
- 02** any other ship above 10,000 GT

Must enter into a pollution clean-up contract with a SPRO before the ship enters a PRC seaport or engages in loading, discharge or ship-to-ship transfers outside of the port but within 20 nm offshore.

At TGM we provide full SPRO coverage for all Chinese seaports, supported by our own office in Tianjin/China with a 24/7 support and one single point of contact.



One-stop-shop Services

We are in constant exchanges with innovative drivers from various service segments in order to expand our portfolio as a one-stop shop and meet the needs of our customers. One of the great benefits of TGM is that we minimize the amount of stops our clients have to make. We are able to provide multiple services out of one location and thus our clients only have to reach out to one company.

01 *Tank cleaning*

We offer a complete service package, which includes planning, inspection, cleaning as well as disposal of waste. We are proud to have a network of experienced personnel with equipment to provide a quality and safe service regardless of the material carried in the tanks, their shape or size. Our strategic planning and management ensures that we minimize any possible disruptions to vessel operations while following the strictest procedures.

02 *Dry Dock budget optimization*

This includes the planning of waste disposal services either prior to the commencement of the drydocking, at a previous port, on anchorage before entering the drydock or when the vessel is at the shipyard – no matter the location we will check for the most cost-efficient option.

03 *Enviro Fleet Cloud*

We offer our clients real time updates of all offloaded waste streams by vessel and fleet, per a customized period done, through our Enviro Fleet Cloud. This way TGM ensures high transparency and support to companies with ISO 9001 and ISO 14001 certification. After disposal, the vessel's crew receives the MARPOL receipt, which is then forwarded to TGM's Documentation department for uploading to the Cloud. Clients can extract a PDF with all documentation in order to make comparisons as well as set measures for future reference i.e. reduce single use plastic bottles used on-board.



Innovative Green Services

Sustainable MARPOL documentation via TGM owned Enviro Fleet Cloud, full transparency and analytical tools with customizable KPI tracking.

- 01** Sustainable documentation via TGM owned Enviro Fleet Cloud (EFC) with direct customer access
- 02** Full transparency through real time analysis on offloaded waste streams
- 03** Cost overview for budget control
- 04** Implementation of budget limits
- 05** Customizable KPI tracking
- 06** Ideal support for ISO 14001 and ISO 9001 certified companies





Environmental Commitment

With waste disposal as the company's main focus, we obviously play a measurable role in environment considerations. In everything we do, we are conscious of the responsibility that we bear to protect the environment in the best possible way. As a result, we uphold a high environmental and quality standard of our services and our offices.

We are constantly working to operate our office in an environmentally friendly and sustainable manner by saving water and energy, working paperless and separating waste as reflected in our TGM Environmental aspects analysis.

We emphasize sustainable operations, both in our own offices and by our suppliers in ports.



Global Presence

TGM's HSEQ department audits our worldwide network of disposal companies. We acquire a real-time ranking of preferred companies inside the ports, which are benchmarked on successfully carried out services.

Branch offices of TGM are located in the hotspots of the global shipping industry and the main trading areas of our members in order to support these services in every respect.

Leveraging two main offices in Germany and China and two representative offices in Dubai and Cristobal, we are able to provide a high level of support to a diverse fleet internationally.

TGM's worldwide presence enables us to service our partners within similar time zones as well as provide a high-level global support while adapting the strategies locally.



Cost Efficiencies

We develop a customized offload strategy for your fleet by preparing a waste management plan according to the ship's schedule for all waste streams generated on board.

This way we can guarantee cost-effective disposal. Through the platform's character, a strong market power will be achieved which allows lower fees for sludge and garbage disposal in ports.

Having a large number of vessels in our portfolio, we can take advantage of the economies of scale and negotiate better prices.

TGM follows a proactive approach in order to be prepared for the future to ensure the most cost effective services for our clients.



Digitalization

Through the TGM owned Enviro Fleet Cloud, our members have direct access and full transparency through the real time analysis on offloaded waste streams per vessel, fleet and per customized period.

The cloud guarantees a complete documentation, which especially supports ISO 9001 and ISO 14001 certified companies. We have also created an online auditing system which has reduced our travel needs, resulting in more environmentally efficient services.

We are committed to leveraging digitalization and finding innovative and cost-effective solutions whilst responding to environmental, regulatory and public pressures.



Ni Hao

Our TGM branch office in Tianjin, China additionally supports our members with the issuance of SPRO agreements and coverage certificates on a lower-cost basis especially in most frequent ports like Qingdao, Dalian and Xiamen among others.

Our branch office in Tianjin and our employees, have the expertise and local knowledge to assist our members during this process and will provide support and assistance through the entire process in order to ensure a fast outcome.



All Around The Clock

Our experienced team ensures 24/7 hour service, which is tailored to the needs of each client. Working based on your deadlines as well as around issues such as limited access, we provide efficient waste collection solutions which you can depend on, 24 hours a day.

If you decide to be a member of the platform, no additional workload will be generated in the office or on board the ships.





Environmental Protection

Waste Streams monitoring

Auditing

ESG Profile and Reports

Plastic Offset



Environmental Protection

At Top Glory we recognize that the preservation of the environment and the awareness of our environmental footsteps in all our endeavors are of paramount importance. By committing to our Quality and Environmental Protection Policy, we are striving to consider the protection of the environment in all our business decisions. This includes our commitment to the following principles to protect our planet:

- 01** Reduce the environmental impact of all our services
- 02** Set and review targets and objectives for the protection of the environment.
- 03** Continuous improvement of our environmental performance and environmental management system.
- 04** Guide our customers and business partners to reduce and minimize waste.
- 05** Train our employees in our environmental principles and policy.
- 06** Expect adherence from our disposal partners to our Supplier Code of Conduct and Environmental Charter.

Waste Streams Monitoring

All waste streams, which are given ashore to port reception facilities, are tracked from the initial declaration onboard until delivery into final destination ashore. We monitor and record each waste stream.

The disposal companies in our network:

- 01** Are acting under full compliance of the TGM Supplier Code of Conduct and Environmental Charter.
- 02** Are audited to ensure highest environmental standards.



Auditing

TGM takes care to constantly monitor and evaluate the health, safety, environment and quality (HSEQ) of the disposal companies we work with to meet our customers' disposal obligations under local regulations and the International Maritime Organization (IMO) MARPOL Convention.

To meet these important requirements, we audit the disposal companies on a regular basis.

Even during the challenging times of Covid 19 we established an online auditing system to ensure that all criteria regarding our environmental standards are in place. This way we are also reducing our travel requirements and assisting in reducing our environmental footprint on the planet.

ESG Profile and Reports

As TGM, we are aware of our responsibility towards our employees, our supplier network and our customers with regard to sustainable corporate governance. A significant influence on our actions and the design of our environmental and quality management system are the UN sustainable development goals (SDG).

The SDGs provide guidance globally for us all on how to address the global challenges facing the planet. 'It is about better protecting the natural foundations of life and our planet everywhere and for everyone, and preserving people's opportunities to live in dignity and prosperity across generations.'

At TGM we are committed to following these goals in order to provide a better working environment for our people and more sustainable operations.



Plastic Offset

Through our Enviro Fleet Cloud our customers are able to track the generated plastic waste on board of each ship and have exact figures for an offset.

We are committed to reducing the plastic in our oceans and seas and this is one way to put our words into actions while also doing our utmost to create more sustainable services for our customers.

Reducing the production and consumption of plastics is also one of the 17 SDG's by the UN, which makes this service crucial.





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