

# SGM TECHNICAL



- **Ship repair:**
  - Drydockings
  - Wet repairs
  - Upgrades & conversions
  - Mend on the move
  - Project management
- **Technical Services (OEM agents):**
  - Water & waste systems
  - Medium speed diesel engines
  - Epoxy chocking
  - Bearings & couplings

- Lifeboats
- Liferrafts
- FRC
- Fire systems.
- Ship Chandling
- Vessel Sanitizing
- Bonded store

- Navigation
- Communications
- Technology systems

- Subsea fabrication (URF)
- Pressure vessels
- DNV/ABS class approved containers, baskets, gas racks & drill cutting skips
- Petrochemical

- Reefer & refrigerated
- Storage, handling, transport
- Repairs, washing, cleaning
- Cold treatment
- Computerized tracking

Saldanha Bay-Cape Town-Mossel Bay-Durban

Port Elizabeth- Coega-East London-Richards Bay

Palma, Mozambique

● **Satellite, Communication Navigation, Automation Fire & Safety Detection Entertainment systems.**  
Installation, software, programming  
Troubleshooting, diagnostic test, repairs

● **SANITISING**  
Service and supply

● **FIRE SERVICES**  
SANAS certification for high pressure testing station  
Refilling of CO<sub>2</sub>, powder, foam and BA apparatus

● **FIRE SUPPRESSION SYSTEMS**  
Installation and service  
Watermist (FM200, CO<sub>2</sub>)

● **RESCUE BOATS (FRC)**  
Service and supply

● **LIFE RAFTS**  
Service, certification and supply

● **LOAD TESTING AND HOOK MODS**  
Static and dynamic load testing and certification

● **LIFEBOATS AND DAVITS**  
Service and supply

● **SURVIVAL GEAR**  
Service and supply

● **CHANDLING**  
Supply of technical engineering and catering requirements

● **SOLAS**  
Supply of SOLAS certified survival equipment (EPIRB, SART and fire extinguishers)

● **MARINE PYROTECHNICS**  
Supply

● **WAREHOUSING**  
Bonded and duty paid

● **SHIPWRIGHT SERVICES**  
Marine carpentry

● **BLASTING, COATING, PAINTING AND TANK CLEANING CAPABILITY**  
Fully equipped blasting and coating booth to blast and prime all valves, pumps, plates, pipes, etc.

● **PROJECTS**  
Turnkey project management

● **SPECIALISED SERVICES**  
Rigging  
Inspection

● **CARGO CRANES**  
Repairs and replacements

● **TANKS**  
Repairs and testing

● **PIPES**  
Repairs and replacements

● **MARINE GROWTH PROTECTION**  
Growth protection for sea chest and piping infrastructures by means of Cathodic Protection

● **HULL PROTECTION**  
Protection by means of sacrificial anode protection and Impressed Current Cathodic Protection (ICCP)

● **WATER TREATMENT**  
Fresh and raw

● **WATER GENERATION**  
Reverse osmosis, evaporative

● **TANK SYSTEMS**  
Level monitoring and gauging

● **DECK AND ENGINE**  
Procurement of spares worldwide

● **ENGINE MONITORING EQUIPMENT**

● **OVERHAULS**  
Mooring, deck and anchor winches

● **ANCHOR CHAIN**  
Survey and repair

● **THRUSTER**  
Thruster repairs and overhaul

● **HULL PLATING**  
Class approved replacement

● **STRUCTURAL**  
Structural steel repairs and alterations, tank repair, pressure testing

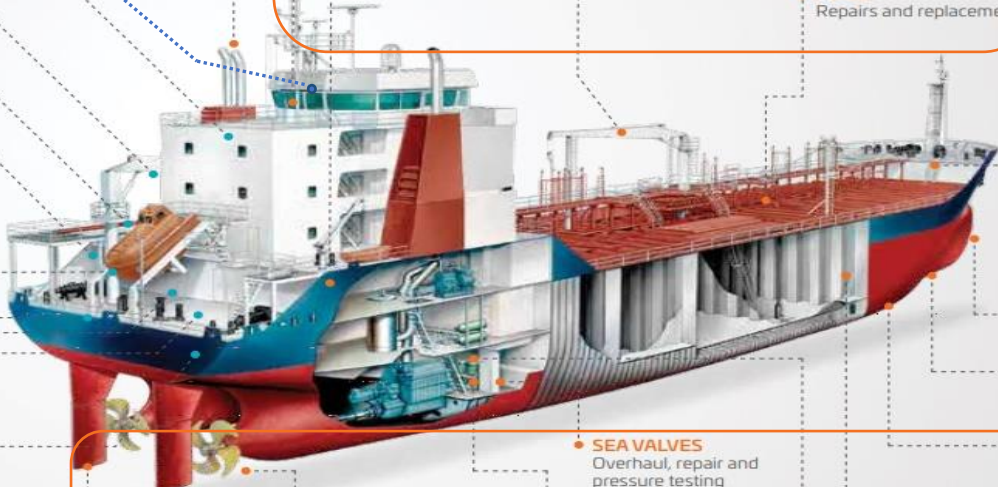
● **RUDDER**  
Removal, survey and pressure testing  
Stock and steering gear overhaul

● **PROPULSION**  
Variable pitch propulsion system overhaul  
Voith maintenance and overhauls  
Stern tube seals, tail shaft overhauls and renewals

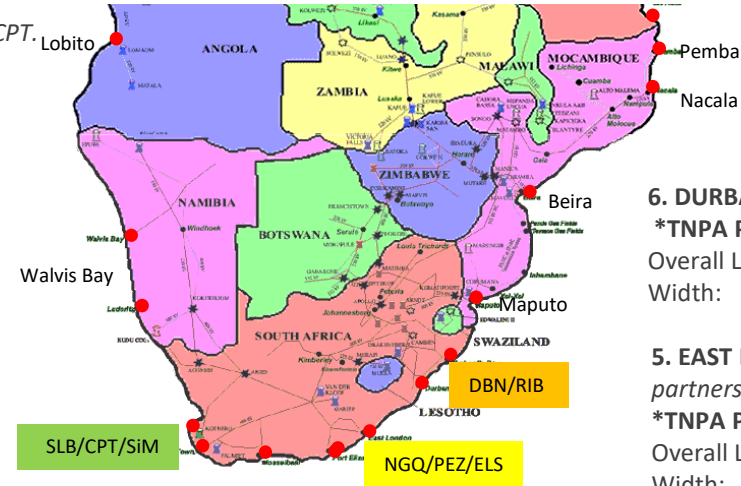
● **SEA VALVES**  
Overhaul, repair and pressure testing  
Sea chest repairs and grating renewal

● **MAIN ENGINE AND TRANSMISSION**  
Overhaul, repair and chocking

● **AUXILIARY EQUIPMENT**  
Heat exchangers, pumps and process reticulation repair and modifications



# SHIP REPAIR FACILITIES in SA



**1. SALDANHA BAY, Office with workshop in CPT.**

\*TNPA Quay 204, -16m  
Quay Length 200m

**2. CAPE TOWN, Offices & workshops.**

\*TNPA Sturrock Graving Dock, -12m  
Overall Length: 360m  
Width: 45m (40m)  
\*TNPA Robinson Graving Dock, -8.3m  
Overall Length: 152m  
Width: 27m (20m)  
\*TNPA Syncrolift  
Maximum weight: 1778tons (15m)  
2bays x 75m / 2 x 70m / 1 x 55m

**3. SIMONSTOWN, Supported from CPT.**

South African Navy Graving Dock, -8.5m  
Overall Length: 220m  
Width: 27m (24m)

**4. COEGA (NQGURA), Satellite office with local alliance partners.**

\*TNPA Berth C101 & C100, -18m  
Quay length 300m

**6. DURBAN, Office with local alliance partners.**

\*TNPA Prince Edward Graving Dock, -8.5m  
Overall Length: 350m  
Width: 42m (33m)

**5. EAST LONDON, Satellite office with local alliance partners.**

\*TNPA Princess Elizabeth Graving Dock, -8.5m  
Overall Length: 200m  
Width: 27m (23m)

*Our managers/supervisors/team leaders are permanent, with +60 skilled workforce. Additional skilled and semiskilled are employed on a project-by-project basis. We have several regular contracts with workers and a pool of workers shared by all ship repairers.*

\*TNPA - South African ports, including ship repair facilities, are owned and operated by the State-owned Enterprise called Transnet National Ports Authority (TNPA).

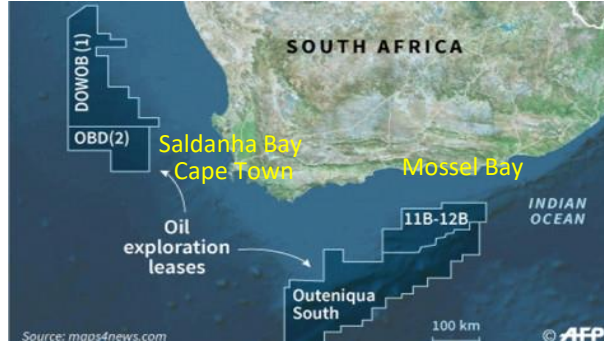
# CONSTRUCTION & FABRICATION

## Construction & Fabrication (Plates, Pipes & Profiles):

- Carbon & Duplex materials (availability?)
- Coating systems
- Client approved construction drawings
- WPS qualifications with client coupons
- Project schedule
- Competitive labour rates

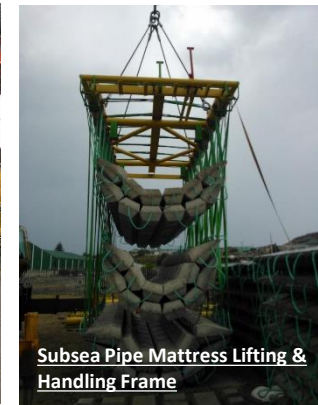
## Pre-Audits:

- HSEQ
- Integrated plans
- Costing
- Contract/subcontract management
- Execution



Distance from Cape Town to:

- Mossel Bay = 400km (250miles)
- Saldanha Bay = 150km (100miles)





# CONTAINERS

## ABOUT US

- Containers repairs to industry standards
- Pre-tripping of refrigerated containers
- Mechanical repairs to reefer containers
- Washing and cleaning of containers
- Computerised tracking via EDI
- Empty container transport
- Reefer monitoring in port
- Warranty repairs on reefer equipment
- Cold treatment preparation for reefer containers



# SAFETY, HEALTH, QUALITY & ETHICAL

- **ISO 45001:2018: Occupation Health & Safety Management System.**
  - We recognise that the health and safety of our employees, contractors, and visitors is of paramount importance and cannot be compromised.
  - We are committed to minimising the adverse impact of our activities on the environment, including air, water, land, biodiversity, and natural resources.
- **ISO 9001:2015: Quality Management System.**
- **ETHICAL CONDUCT & COMPLIANCE.**
  - Our core values of Respect, Integrity, Professionalism, Fairness & Accountability.
  - We comply with the Code of Governance Principles in King IV report on Corporate Governance for South Africa, which includes our JSE Listings Requirements.
  - We are TRACE Certified.



A SGM GROUP Brand | A Grindrod Group Company



Level 1 B-BBEE Contributor





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