

SixAlliance Group of Companies

Commercial Diving and Equipment Services

SixAlliance consist of a team of individuals and strategic partners that have a vast experience in the Marine and Offshore Industry from the various disciplines that are integral towards keeping the asset integrity, quality and performance to the optimum while meeting the high level of standards stipulated by the Classification Societies and Flag administration and other regulatory standards.

Six Alliance Co. Ltd was established in July 2017 in the Kingdom of Saudi Arabia and have expanded to various locations around the world such as Singapore and Malaysia , to provide quality in-water services, both for diving operations and diving equipment range of products and services , for the marine and offshore industry. We are committed to provide quality services for our clients with the best in safety, quality and standard.

Our Vision

To be a leading Commercial Diving Company with operational efficiency with added innovation for quality performance at the highest level of safety and integrity with in house capability to innovate and design technologically advance tools and equipment for the purpose of quality and excellent service delivery.

Our Mission

- Deliver safe, professional and efficient operations even for the most demanding jobs.
- Continuous improvement in our standards to enhance performance in our operations.
- To provide cost effective solutions for our clients.
- Provide customised solutions and efficient service through quality tools and equipment through R&D and development by our experienced technical and engineering team.

Our Commitment

To provide quality and efficient operations and innovative approach in our processes, tools and equipment to meet IMCA standard, best practice and guidelines

We shall consistently strive to improve our Quality, Health and Safety through learning, sharing, benchmarking, innovation and participation in continual improvement programs. Six Alliance Co. Ltd. aims to eliminate all causes of fatal and major incidents from its workplace and we target for continual improvement on incidence rate. We shall establish and maintain appropriate controls and conduct periodic reviews of our attainment of set goals.

Our Services – SixAlliance Co. Ltd and SixAlliance Subsea Sdn Bhd (KSA and Malaysia)

1. Underwater inspection in-lieu of drydocking (UWILD) of marine and offshore assets for classification societies such as ABS , DNV and BV.



2. Underwater **Non-destructive testing (NDT)** inspections for steel structures such as Magnetic Particle inspections (MPI) , Eddy Current (EC) , Cathodic Protection measurement (CP) and Ultrasonic Thickness measurement (UTTg)
3. Marine Jetty inspection , water jetting cleaning , thickness measurement , close and general visual inspection , corrosion mapping and splash zone maintenance and protection.
4. **Single Buoy Mooring (SBM)** maintenance , subsea and floating hose inspection and replacement , subsea PLEM servicing and inspection
5. **Inspection , Repair and Maintenance (IRM)** of offshore structures and assets.
6. Underwater Cutting and welding and construction
7. Main **Seawater intake** for power plants , desalination plants , FW storage tanks cleaning and inspection

OUR Services - SixAlliance Technologies Pte Ltd (Singapore)

1. Diving equipment (dive hats , LARS , decompression chambers , BA compressors etc) spare parts sale and servicing.
2. Our own product line of innovation such as
 - a. Underwater camera (HD quality) , subsea video console with live-streaming and remote recording capability.
 - b. Cavitation technology – High pressure water jetting system up to 5000 PSI and 83 liters / min
 - c. Diver two-way communication systems with back up emergency battery power
3. Design and build full Air Dive Systems (ADS) including LARS and man-riding winches, decompression chambers and plumbing , machinery van to IMCA D-023 requirements and certification.

Our Locations



Kingdom of Saudi Arabia HQ – Six Alliance Co. Ltd

Address : Workshop No. 12 , Road No. 120A , Jubail First Industrial Area , Al Jubail 31961

Email : sales@six-alliance.com

Singapore Branch – Six Alliance Technologies Pte Ltd

Address : Six Alliance Technologies Shine@Tuas South, Tuas South Link 1, #03-12 Singapore, 636901

Email : support@six-alliance.com

Malaysia Branch: Six Alliance Subsea Sdn Bhd

Address : No. 5a, Jalan Toud, Kampung Damat, 89257 Tamparuli Sabah , Malaysia

Email : sales@six-alliance.com

1. Our HQ – Kingdom of Saudi Arabia (KSA)

A. DIVE OPERATIONS AND SUPPORT TEAM





- B. (KSA) Covered Yard for storage of major diving equipment such as dive containers , LARS , umbilicals etc.



C. (KSA) DIALOG JUBAIL SUPPLY BASE - 10 FT Scuba Replacement Unit (SRP) for the underwater inspection and services of marine and offshore assets.



D. (KSA) Clean Room for Maintenance and Servicing of Dive Hats , regulators and other electrical equipment.



E. (KSA) 20 foot Dive Container With Breathing Air Quads, Medical Oxygen Quads, Machinery Van , Decompression Chamber and LARS

Unit Name : SAS-ADS-02



F. (KSA) MV SEDRES BARBOSSA currently located in RAS TANURA.

Our 24 meters Diving vessel highly suited for shallow water and surface diving tailored following type of subsea work :

- **Single Buoy Mooring (SBM)** – inspection and light construction work.
- Jetty and offshore steel structures – splash zone inspection , high pressure jetting, repairs and maintenance.
- Ship wreck inspection , sea bed survey and other sea bed type of inspections.
- Vessel class inspection , sea chest grating , bow thrusters , propellers and ship hull cleaning.
- Other commercial diving services.



G. SixAlliance Technologies Pte Ltd – (Location : Singapore)



2,000 square-metre facility for diving equipment servicing and fabrication workshop in Singapore.

Six Alliance Technologies Pte. Ltd. or “SAT” for short, is a company based in Singapore. SAT is a sister company to Six Alliance Co. Ltd (SACL) in the Kingdom of Saudi Arabia.

The key role of SAT is to support both SAS and SACL in the development of technology and innovation as well as technical services for maintenance and repairs of diving equipment.

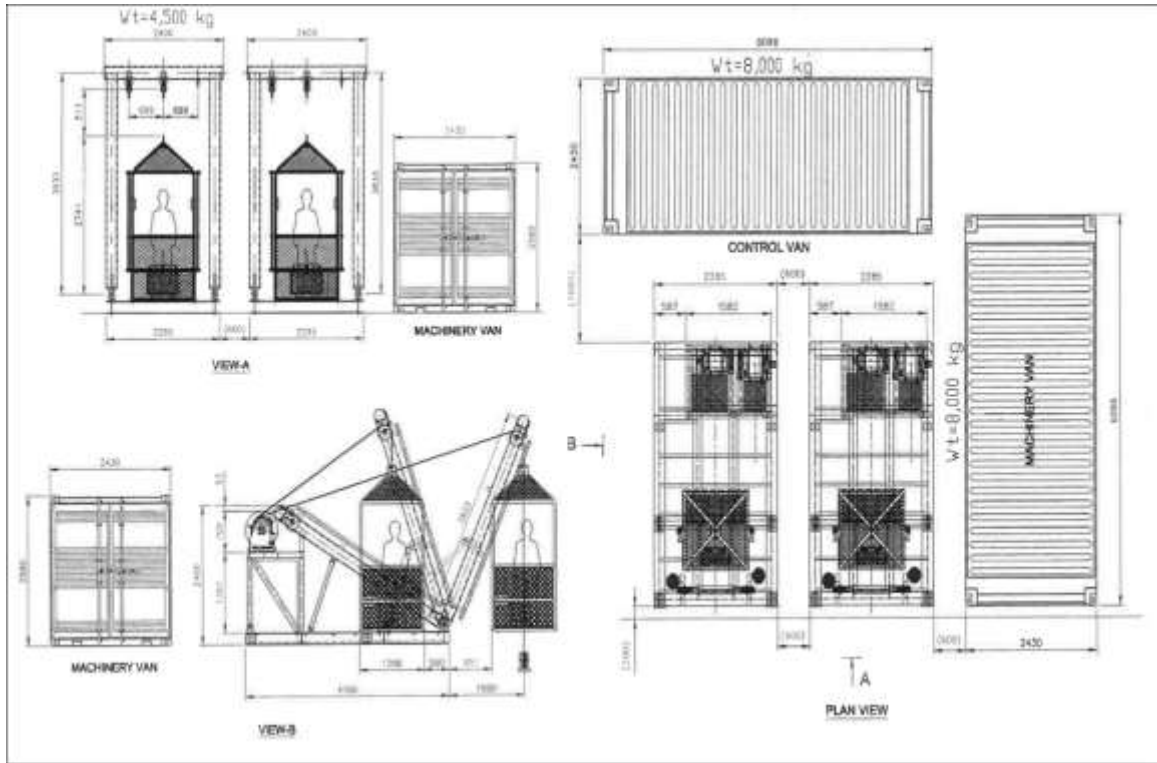
OUR MOTTO – “**BUILD BY DIVERS FOR DIVERS**”

A. OUR ASSET – (SINGAPORE)
IMCA D-023 - OFFSHORE AIR DIVE SPREAD (ADS)
TECHNICAL SPECIFICATION - CONTAINERISED SURFACE SUPPLY AIR DIVING SYSTEM

Unit Name: SAS- ADS –01 Build to IMCA D-023 Year of Build - 2010	
<u>Containerised Deck Decompression Chamber</u> <ul style="list-style-type: none"> 60-inch diameter double lock decompression chamber Medical Lock c/w safety interlock systems Oxygen Analysis Sample lines and Oxygen analysers 3 x bibs in each lock c/w oxygen overboard dump systems Housed inside a modified ISO Container with lifting lugs 	<u>Containerised Dive Control Van</u> <ul style="list-style-type: none"> 20-foot modified ISO container with lifting lugs 3-Men air diving panel Gas supplies to diving panel includes HP, LP and air Diving pneumo gauges Gas analysis sample lines, O2 analysers and monitors CCTV subsea video camera monitoring system c/w video recording suites Switch for underwater Broco burning / welding operations Diver Communication radio units 4 x Diver umbilical (200m) Diving supervisor workstation LCD flatscreen diving monitors.
<u>Stores Container</u> <ul style="list-style-type: none"> 10 Foot modified ISO Container with lifting lugs and dedicated slings Diving and machinery spares inventory Basic rigging tools, shackles and webbing slings Diver Hand tools 2 x KM 37 Hard Hat c/w subsea camera and light 1 x KMB 18 Band Mask c/w subsea camera and light Consumable store 	<u>Launch and Recovery system (1.5 Ton SWL)</u> <ul style="list-style-type: none"> LARS Recovery Unit Primary Recovery / launch system hydraulically assisted – 1 Ton Duty Pull Secondary recovery hydraulically assisted with a clump weight system man-riding – 1.5 Ton Duty Pull Winch connected to a 2-Men stage c/w emergency air breathing gas
<u>Containerised Machinery Van</u> <ul style="list-style-type: none"> 20 Foot modified ISO Container with lifting lugs and dedicated slings LP Air compressor (Electric) – Ingersoll Rand MWP 225 PSI c/w 450L Tank HP Air Compressor (Electric) – Bauer 575 L /min @ MWP 350 Bar Hydraulic Power Unit (Electric) – 50 L / min @ MWP 160 Bar 	<u>Power Supply Requirement</u> <ul style="list-style-type: none"> 440VAC, 60 Hz, 150kW Rig air supply (min 90 psi) Fresh water supply (domestic supply) Seawater supply (domestic supply)

AIR DIVE CONTROL VAN		LARS C/W DIVE BASKET		MACHINERY VAN		STORES CONTAINER (Not shown below)	
Length	6,100 mm (20 Ft)	Length	4,100 mm (13.5 Ft)	Length	6,100 mm (20 Ft)	Length	3,050 mm (10 Ft)
Width	2,450 mm (8 Ft)	Width	2,300 mm (7.5 Ft)	Width	2,450 mm (8 Ft)	Width	2,450 mm (8 Ft)
Height	2,600 mm (8.53 Ft)	Height	4,290 mm (14 Ft)	Height	2,600 mm (8.53 Ft)	Height	2,600 mm (8.53 Ft)
Weight	8,000 KG	Weight	5,644 KG	Weight	8,000 KG	Weight	4,000 KG

FOOTPRINT AND LAYOUT FOR OFFSHORE DECK ARRANGEMENT



PHOTOS OF SAS-ADS-01



B. Our Innovative Product Range of Diving Equipment & Tools

Up to 3-Diver Underwater CCTV Unit comes with :

1. 2 TB Hard disk storage
2. Live-streaming of real time videos via Six Alliance Technology mobile application
3. HD Quality videos and photos
4. 24VDC Battery power for back up – up to 60 minutes



Up to 3-Diver 2-way Communication system comes with:

1. Tender / diver volume control
2. 2 and 4 wire capability for round robin comms.
3. Built-in speaker
4. 24VDC battery power for back-up power – up to 4 hours



Underwater Jetting – Cavitation System

1. 2,500 PSI at 21 liters / min
2. Effective cleaning of hard and medium barnacles for sea chests gratings , ship hull , propellers etc.
3. Diesel engine driven or electric motor (optional)

