



SEAMAR OFFSHORE MEXICO S.A DE C.V.

SUBSEA CONSTRUCTION AND INSPECTION SERVICES



SERVICE

CATALOG

Company Profile

Founded in 1996, Seamar Offshore México S.A de C.V. is headquartered in Houston, Texas, U.S.A., with additional offices in Miami, Florida; Ciudad del Carmen, México; Panamá City, Panamá; Puerto Quetzal, Guatemala and Él Callao, Perú.

Seamar Offshore México S.A de C.V. is a leading international provider of subsea construction, inspection, support, and emergency marine response services. We are dedicated to providing our clients with safe and effective solutions to complex problems even under the most challenging conditions.

LEADER IN UNDERWATER DIVING SERVICES

As an internationally recognized provider of offshore and subsea solutions, Seamar Offshore México S.A de C.V. offers a wide range of underwater maintenance, repair, installation, and inspection services. In addition to complete project management, Seamar Divers provides engineering support for complex underwater operations that require specialized procedures and tools. Our extensive experience and resources enable us to deliver with excellence, always maintaining the highest safety standards.

As an innovative and responsible provider of onshore, subsea, and offshore solutions, we deliver excellence with precision, safety, and cost-effectiveness on time.

Notable Clients:



Our Equipment



We have a large inventory of equipment, including:

▾ Diving Equipment:

- ▣ Decompression chambers
- ▣ High and low-pressure air compressors
- ▣ Diving control panels
- ▣ Diving umbilicals
- ▣ Diving helmets
- ▣ Volume tanks
- ▣ High and low-pressure regulators
- ▣ Lifting bags
- ▣ Jet Pumps

▾ NDT Equipment (Non-Destructive Testing)

- ▣ Eddy current testing units
- ▣ AC/DC electromagnetic yokes
- Ultrasonic testing equipment (flaw detectors/thickness gauges)
- ▣ Dye penetrant kits
- ▣ Calibration blocks
- ▣ NDT consumables and supplies

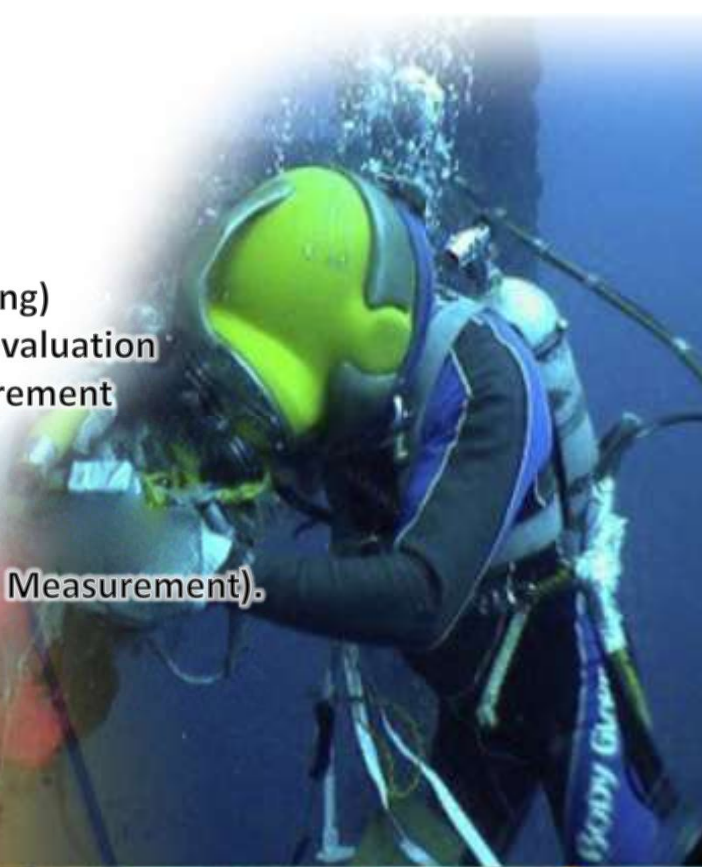
▾ For our full equipment list, please contact us through our office lines or visit our website.



Our Services

Platform and Structure Inspections (Oil & Gas)

- General Visual Inspection (Level I)
- Detailed Visual Inspection (Level II)
 - ✔ INDT inspection (Level III)
 - ✔ Corrosion assessment
 - ✔ Mechanical damage (dents, cracks, buckling)
 - ✔ Area, connection, component, and joint evaluation
 - ✔ Horizontal and vertical inclination measurement
- Non-Destructive Testing (Level III)
 - ✔ Ultrasonic Inspection (UT)
 - ✔ Magnetic Particle Inspection (MT)
 - ✔ Inspección ACFM (Alternate Current Field Measurement).
 - ✔ Eddy Current Inspection (EC)
 - ✔ Liquid Penetrant Inspection (PT)



Our Services

Drilling Assistance Services

- ↘ Seabed survey and cleaning.
- ↘ Bit guidance.
- ↘ Casing pipe (TR) guidance
- ↘ Cement sampling

Our Services

Diving Services

We provide air-supply diving operations up to 165 ft, and mixed-gas diving operations up to 300 ft.

Underwater Inspection Services

- ✎ **Power and generation plants.**
- ✎ **Water treatment plants.**
- ✎ **Bridge and causeway inspection and construction.**
- ✎ **Port facility inspection, construction, and repairs.**
- ✎ **Mooring field inspection and maintenance.**
- ✎ **Pipeline inspection, installation, and repairs**
- ✎ **General Visual Inspection (Level I)**
- ✎ **Detailed Visual Inspection (Level II).**
 - ✎ **Anode verification.**
 - ✎ **Mechanical damage (dents, cracks, buckling).**
 - ✎ **Connections, fittings, components, joints, and areas.**
 - ✎ **Seabed accumulation.**
 - ✎ **Inclination measurement (horizontal and vertical)**
- ✎ **Non-Destructive Testing (Level III).**
 - ✎ **Ultrasonic Testing (UT)**
 - ✎ **Magnetic Particle Testing (MT)**
 - ✎ **ACFM Inspection (Alternate Current Field Measurement).**
 - ✎ **Eddy Current Testing (CE).**
 - ✎ **Cathodic Potential Measurement.**
 - ✎ **Underwater photography and video editing.**
 - ✎ **Pipeline crossing inspection.**



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Our Services

Subsea Construction Services

- ✓ Installation and removal of sacrificial anodes
- ✓ Servicio a líneas submarinas (mantenimiento preventivo y correctivo).
- ✓ Installation of leg fenders.
- ✓ Installation and removal of clamps.
- ✓ Installation of concrete mattresses.
- ✓ Installation of subsea trees.
- ✓ Marine cutting and welding.
- ✓ Installation and removal of spools.
- ✓ Desilting of structural elements on seabed.
- ✓ Mantenimiento de válvulas submarinas.
- ✓ Servicio integral para ductos ascendentes y línea regular.
- ✓ Installation and removal of guide and anchor clamps on riser vertical sections
- ✓ General maintenance of single-buoy moorings (SBM).
- ✓ Installation of line-marking buoys
- ✓ Subsea pipeline clamp installation.
- ✓ Structural cementing.
- ✓ Salvage of vessels, platforms, structures, and equipment.

Our Services

Hull Inspection Services (for Classification Societies)

- ✓ Underwater inspection of small vessels and large offshore drilling units
- ✓ Non-destructive testing on offshore and onshore platforms and drilling facilities:
 - ✓ Thickness measurement of: platform fuel tanks, drilling ballast water tanks, vessel hulls, pipelines, and processing structures.
 - ✓ Ultrasonic inspection of: welds (angle beam), and pressure vessels subject to (straight beam).
 - ✓ Magnetic particle inspection of: crane pedestals, lifting components, crane hooks, drilling tools, winches, lifting lugs, welds in rescue systems, and ferromagnetic elements.
 - ✓ Liquid penetrant inspection of: the ship's propulsion system such as (rudders, propellers, shafts, and struts), crane hooks, welds, etc.
 - ✓ Eddy current inspection of: welds, preserving the integrity of the anticorrosive coating.
 - ✓ A.C.F.M. (Alternating Current Field Measurement) inspection of: welds to detect surface cracks mainly caused by fatigue.



Our Services

Rope Access

- **General Visual Inspection (Level I)**
- **Detailed Visual Inspection (Level II)**
 - Corrosion
 - Mechanical damage (dents buckling and cracking)
 - Accessory connections, elements, joints and areas.
 - Tilt measurement horizontal and vertical.
- **Detailed Visual Inspection (Level III)**
 - Ultrasound (UT)
 - Magnetic Particles (PT)
 - Inspection with Alternate Current Field Measurement.
 - Eddy Current Inspection
 - Penetrating Liquids



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Our Services

Rov Services

Seamar has established a versatile fleet of reliable remotely operated vehicles (ROV) systems to meet the demands of the offshore energy industry. With systems ranging from observation class to work class, Seamar's ROV services include:

- Dive Support
- Search & Rescue Operations
- Insurance Surveys
- Offshore Platform Inspections & Surveys
- Research Projects
- Pier, Piling and Bulkhead Inspections
- Inspections & Surveys
- Geological/Geophysical Surveys
- Construction & Intervention
- Cathodic Protection Readings
- Salvage & Decommissioning Projects

ROV Systems

Observation Class ROV Systems

- Depth Rating of 1,000 ft.
- High-Resolution Color Video Camera (CCD)
- Camera Pan & Tilt
- HID & Halogen Lighting
- Climate Controlled Operations Van
- Rapid System Deployment



Inspection Class ROV Systems

- Depth Rating of 3,000 ft.
- Single Function Electric Manipulator
- High-Resolution Color Zoom Video Camera
- High-Resolution B&W Video Camera
- Climate Controlled Operations Van
- Camera Pan & Tilt
- Cathodic Protection Detection
- Rapid System Deployment



Work Class ROV Systems

- Depth Rating of 6,000 ft.
- Dual Multi-Function Electric Manipulators
- 3000 Volt/ 400 Hz Power System
- 550 lbs. Payload
- Multiple Video Channels
- Multi-Sensor Interface
- TMS Operations
- 7 Thrusters (4 Vectored Horizontals/3 Verticals)
- SubCan ROV Control System
- 15 Kw/20 HP Hydraulic Power Unit
- 12 or 16 Station GFVP
- Climate Controlled Operations Van



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