



soilmare[®]

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We have the pleasure to present you, with the following, a short note of presentation regarding the activities of our firm, in particular the sector that involves the maritime and underwater operations.

Our firm is listed in the following rolls:

- Roll of contractors and suppliers of the Italian Ministry of Defence;
- Roll of contractors of the Italian Department of Public Works;
- Roll of contractors for Public Works of the Self Government Region of Sardinia;
- Roll of contractors of Polimeri Europa Spa;
- Roll of contractors of EniOil L.B.;
- Roll of Contractors of Marathon Oil / Ecumed Tunisia
- Roll of contractors of Libyan National Oil Corporation.

Soilmare S.r.L., together her Branches placed into the major Countries of Mediterranean's Area, operates, according to the UNI EN ISO 9001 standards, in the field of constructions, controls and renewal of harbour structures, marine terminals, piers, quays and dry-docks, besides makes interventions on construction and maintenance of sea intakes, underwater cables, sea lines and SPM, CALM AND SALM Buoys.

A Soilmare technical staff, seamen and divers widely experienced in the field of maritime and underwater operations in Italy and overseas, offers you a qualified consultancy

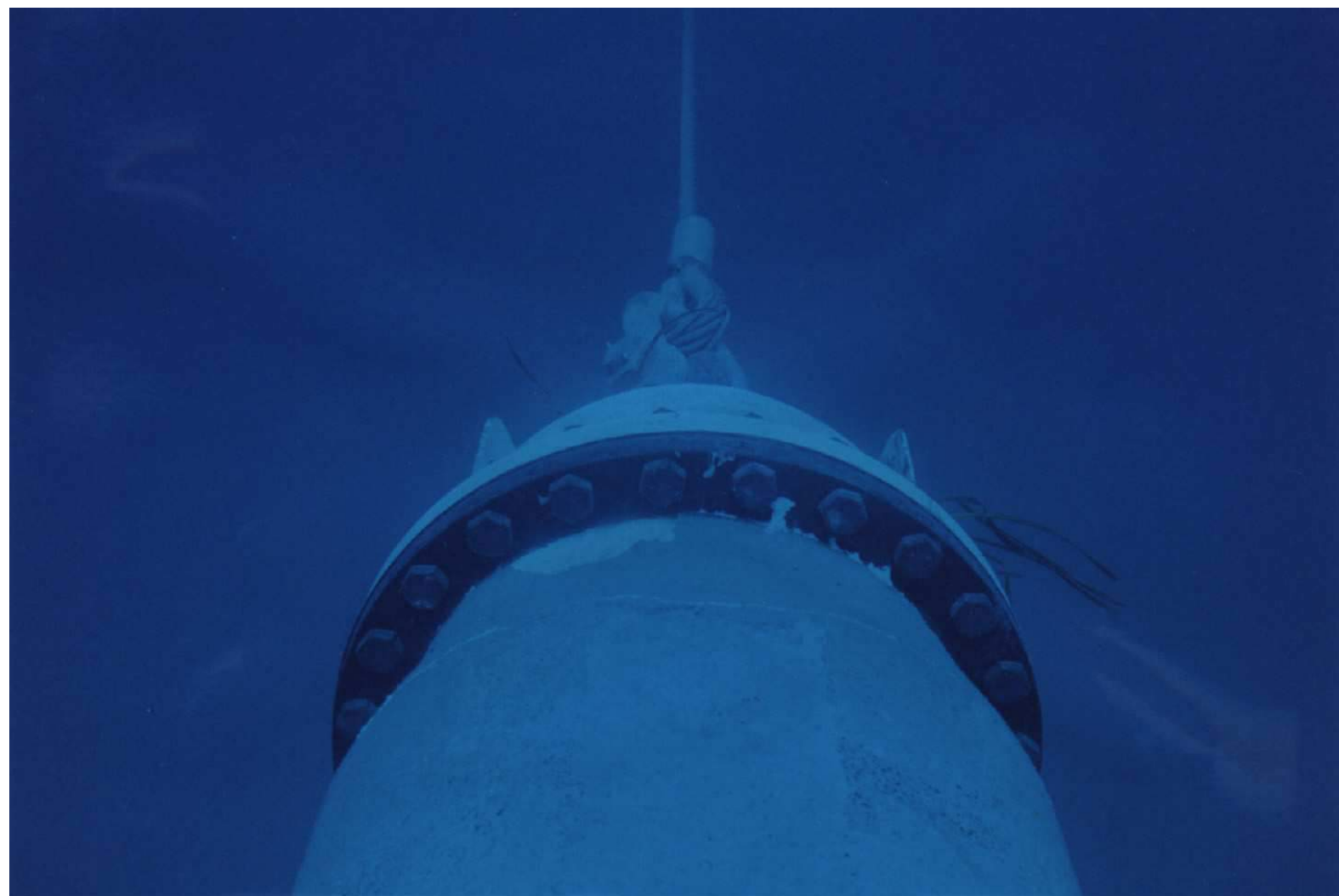
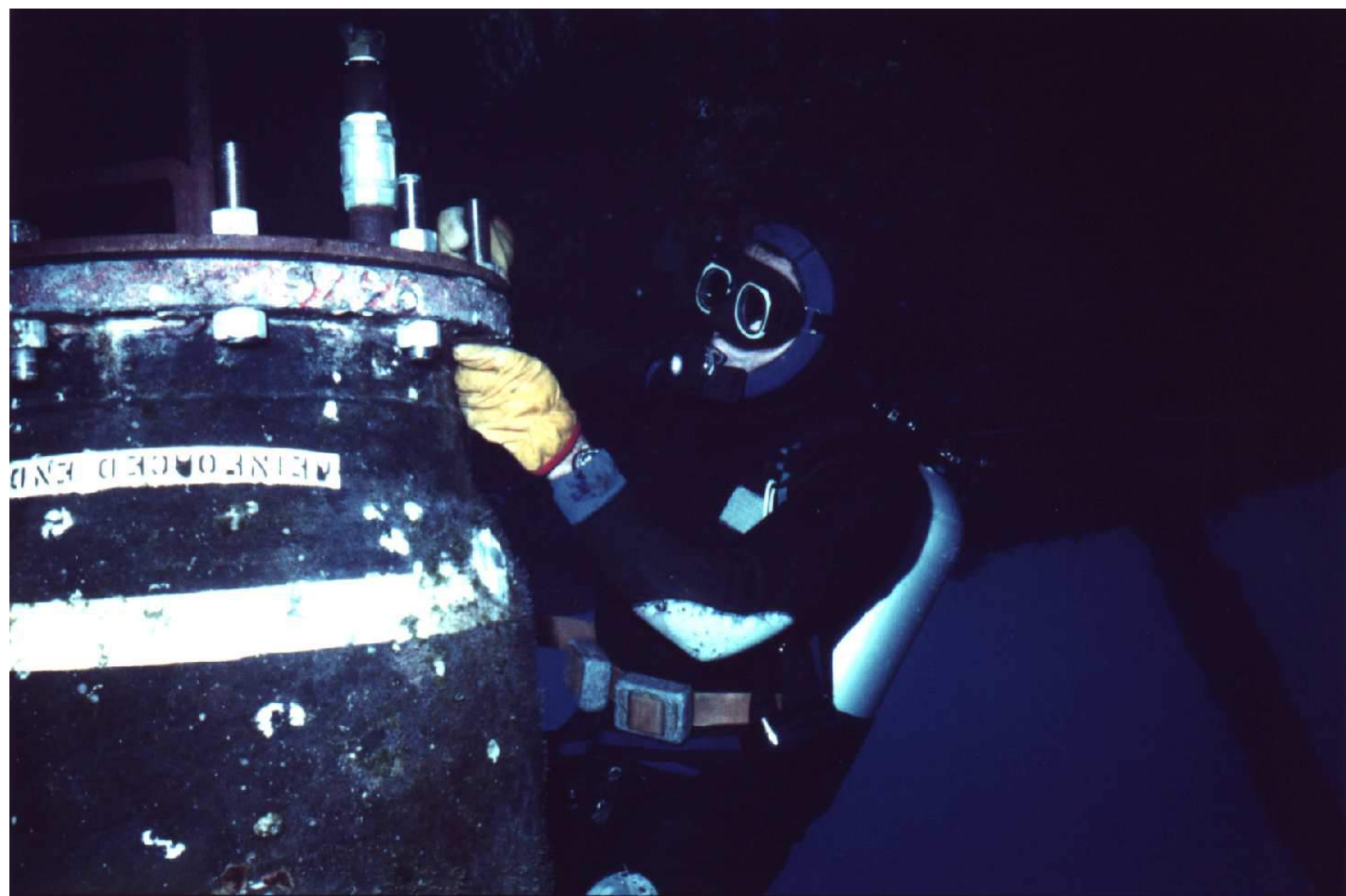




to finding the most valid solutions concerning the technical and economic profile, for the various issues of the sector.

Among the interventions in which Soilmare operates, we here below list these in particular:

- Construction of piers and quays;
- Driving of piles with hammers "DEMAG" D100, D80, D62, D55, D36 and D22 and relative frames for offshore pilings;
- Drilling of piles with rotary Wirth PBA 612/2000/200;
- Building of breakwaters, quays and anchorage;
- Works and maintenance of underwater structures on dams and lakes;
- Placing and burying of sea-lines and sea-intakes in steel, concrete and fibreglass;
- Placing and burying of underwater cables;
- Dredging with grabs and breaking/suction and reflowing equipments;
- Underwater laying of geotextile material;
- Ordinary and extraordinary maintenance of steel and concrete underwater structures;
- Renewal and maintenance of sea water intakes and sea lines, with internal cleaning of lines and channels from incrustations and sediments of various nature with oleo dynamic and water pressure tools for the treatment of iron and concrete surf-aces; dismantling, substitution and maintenance of underwater valves, bulkheads, relative guides and drainage plants;
- Interventions for the reinforcement and renewal of concrete structures, using highly thick epoxies or by injection;
- Welding and cutting under sea with ox electric tools, cable and oleo dynamic tools in various modes and conditions of intervention;
- Non explosive underwater perforations in rocks or concrete and demolitions with expansion agents;
- Non destructive controls with ultra sounding devices for measurements on land and underwater;





- Samplings and coring of sea beds, sampling of water at various levels;
- Mapping of various levels and areas;
- Research with magnetic Forster devices;
- Underwater photographic inspections, colour T.V., with direct video/audio contact with divers;
- Surveys with divers recognised by the list of surveyors of the civil courts.

Attached to the above we enclose the following documentation:

- List of completed works;
- Equipment's list.



NAVAL UNITS AND EQUIPMENT LIST

- S/P CRANE BARGE " ALPE ADRIA 1"
- SURVEY VESSEL " EL RAIS "
- PILE HAMMERS - TYPE DEMAG D100/D80/D62/D55/D36,D22 - TO DRIVE PILES UP TO E.D. Ø 2500mm
- N° 4 HYPERBARIC CHAMBERS. GALEAZZI EQUIPPED TO BE TRAILER MOUNTED SUITABLE FOR 8 + 2 DIVERS (1ST CHAMBER + MAIN CHAMBER)
- COMPRESSORS TYPE HP BAUER K 14 + K 17
- COMPRESSORS TYPE BP INGERSOLL LT. 17.000 + ATLAS COPCO LT. 12.500
- DRILLING ROTARY WIRTH PBA 612
- POST TRENCHING MACHINE "IGIA"
- CRANE AMERICAN HOIST TRACKED 9299 CAPACITY LOAD ISPELS TONS 164
- CRANE BENDINI A 400
- OLEODYNAMIC BRUSH KART EQUIPMENT - TO CARRY OUT UNDERWATER HULL CLEANING COMPLETE OF SELF PROPELLED BRUSHING MACHINE UNIT. WITH 4 ENGINES + SINGLE UNIT + FEEDER HP 52
- RIGID INFLATABLE BOATS MT. 5,0 TO 9,0 - HP 70/250
- GENERATORS ROLLS ROYCE / CATERPILLAR 800 / 350 / 250 / 150 / 70 KW
- PUMP HP WOMA 700 BARS
- MOTOWELDING MACHINES + ELECTROWELDING MACHINES
- OLEODYNAMIC PACKS HP 60/250/800
- PNEUMATIC TOOLS ATLAS COPCO AND INGERSOLL RAND (DEMOLISHER - DRILLERS GRINDERS - SKIPPERS - REMOTE CONTROL SAND BLASTERS, ETC.)
- PLATFORM AND SURFACE TILTMETERS +/-10 MOD. 702 APPLIED GEOMECHANICS INC.





- OLEODYNAMIC TOOLS - STANLEY AND HURST (DEMOLISHER - DRILLERS - GRINDERS - SCREWDRIVERS - SHEARS - ETC.)
- EXCAVATORS CATERPILLAR / VENIERI 10/23
- CRANE/EXCAVATOR DRAGLINE "BUCYRUS ERIE" EB 71
- UNDERWATER NAILS SHOOTING MACHINES - COX SUBMARINER
- UNDERWATER TELEPHONY EQUIPMENTS LANTERNA
- UNDERWATER TVCC TELEVISION SYSTEM EQUIPMENTS LANTERNA
- UNDERWATER EQUIPMENTS FOR WELDING AND IRON CUTTING - KERIE - ARENA - BROCO
- SUBMERSIBLE DREDGING PUMPS HP 300
- PHOTO SUB AND LIGHTING EQUIPMENTS NIKONOS
- DIGITAL ULTRASOUND THICKNESS GAUGE FOR UNDERWATER MEASUREMENT DG 30 / 35 GILARDONI
- ENCLOSED / LIFT BAGS PLASTECO - MARES - SCUBAPRO – TECHNISUB
- PROFESSIONAL DIVERS EQUIPMENT, WET AND DRY
- METAL DETECTORS FOSTER / FEREX
- LOW PRESSURE COMPRESSORS PHOCENNE SUBMARINE
- UNDERWATER VEHICLES TEKNA
- N. 5 CONTAINERS WITH VARIOUS TOOLS AND EQUIPMENT TO CARRY OUT UNDERWATER MAINTENANCE / REPAIR ACTIVITIES
- N. 2 HYDRAULIC ORANGE PEEL BUCKET 8 / 4 CM. EACH
- CRANE TRUCKS IVECO / FORD / SAVIEM
- TRUCKS FORD TRANSIT / RENAULT





WORKS CARRIED OUT

SARDINIAN HARBOURS	UNDERWATER SURVEY, INSPECT – TING - REPAIRING – CARNAGE - NAVAL RESCUE	AGENZIE MARITTIME DELLA SARDEGNA
SAVONA	UNDERWATER CAREENING .S. LEGACY	BURMAH INC. CORP. LONDON
SAVONA	UNDERWATER CAREENING S.S. KITTO	CHEVRON SHIPPING COMPANY
FIUMICINO	UNDERWATER CAREENING S.S. CHEVRON-ROME	CHEVRON SHIPPING COMPANY
CAGLIARI	ANTI CORROSION COAT RESTORATION PETROCHEMICAL WHARF PIER	SIL EX RUMIANCA
CAGLIARI	SCHEDULED YEAR MAINTENANCE PETROCHEMICAL WHARF PIER	SIL EX RUMIANCA
PORTO CERVO	CONSTRUCTION 12 MT. S.I. QUAY	MATRAIM S.P.A.
PORTO CERVO	SEAMARK BEACON CONSTRUCTION	CONSORZIO COSTA SMERALDA
PORTO TORRES	SEA LINE MANIFOLD REPLACEMENT FOR MONOBOE LOADING	SARDOIL EX SIR





PORTO TORRES	SPM / PLEM / PILES REMOVAL	SARDOIL EX SIR
ORISTANO	PETROCHEMICALS WHARF PIER MAINTENANCE	ENICHEM FIBRE
ORISTANO	WHARF CONSTRUCTION	TRASMAR S.P.A.
CAGLIARI	UNDERWATER WORKS NEW CAGLIARI HARBOUR	SOC. ITALIANA CONDOTTE D'ACQUA
PORTOSCUSO	GOVERNMENT COURSES FOR COMMERCIAL DIVERS	AUTONOMOUS REGION OF SARDINIA
CAGLIARI	REBUILDING S.GILLA BOARDING PIER	IMPRESA MANSERVIGI
PORTO TORRES	NORTH BREASTING DOLPHIN RENEWAL PETROCHEMICAL WHARF	ENICHEM ANIC
LA MADDALENA	SEALIN INSPECTION AND MAINTENANCE	LA MADDALENA MUNICIPALITY
CALASETTA	HARBOUR ENLARGEMENT DREDGING NEW QUAYS AND YARDS CONSTRUCTION	AUTONOMOUS REGION OF SARDINIA
LA MADDALENA	STORE YARD EXECUTION AND EXTERNAL LIGHTING PLANT INSTALLATION	U.S.A. NAVY
CAGLIARI	SUPPLY AND INSTALLATION OF FLOATING WHARF FOR SMALL AND MEDIUM TONNAGE	LEGA NAVALE ITALIANA



PORTO VESME	POWER STATION UNDERWATER MAINTENANCE	ENEL
SARROCH	PIER PILES UNDERWATER NDT CONTROL AND MAINTENANCE	NURACHEM S.P.A.
PORTO TORRES	DISMANTLING AND INSTALLATION EAST BREASTING DOLPHIN PETROCHEMICAL PIER - HEAD LIGHT HOUSE TOWER	ENICHEM ANIC
PORTO TORRES	CONSTRUCTION AND INSTALLATION BREASTING DOLPHINS - B1 - B2 - B3 - B4 PETROCHEMICAL WHARF	ENICHEM ANIC
CARLOFORTE	POSTTRENCHING UNDERWATER POWER CABLES CARLOFORTE / CALASETTA	ENEL
PORTO VESME	CONSTRUCTION AND INSTALLATION NEW BREASTING DOLPHIN LOADING PIER	ENEL
SINISCOLA	SEA LINE LAUNCHING / PULLING MTS 5000 / 54 MTS. DEPTH - 48' E.D	EDISTRA/C.M.C.
PORTO TORRES	SUPPLY AND INSTALLATION OF N. 4 BREASTING DOLPHIN ON PETROCHEMICAL PIER	ENIMONT ANIC
CAGLIARI	PASSENGER BOAT RESCUE (ILES DE LERIN) AT CAGLIARI HARBOUR	CAGLIARI LAW COURT
SARROCH (CA)	CONSTRUCTION AND INSTALLATION SEA WATER INTAKE /SEA LINE E.D. Ø 1800 MM. FOR SARAS PETROLI DESALTING PLANT	SAROMAR



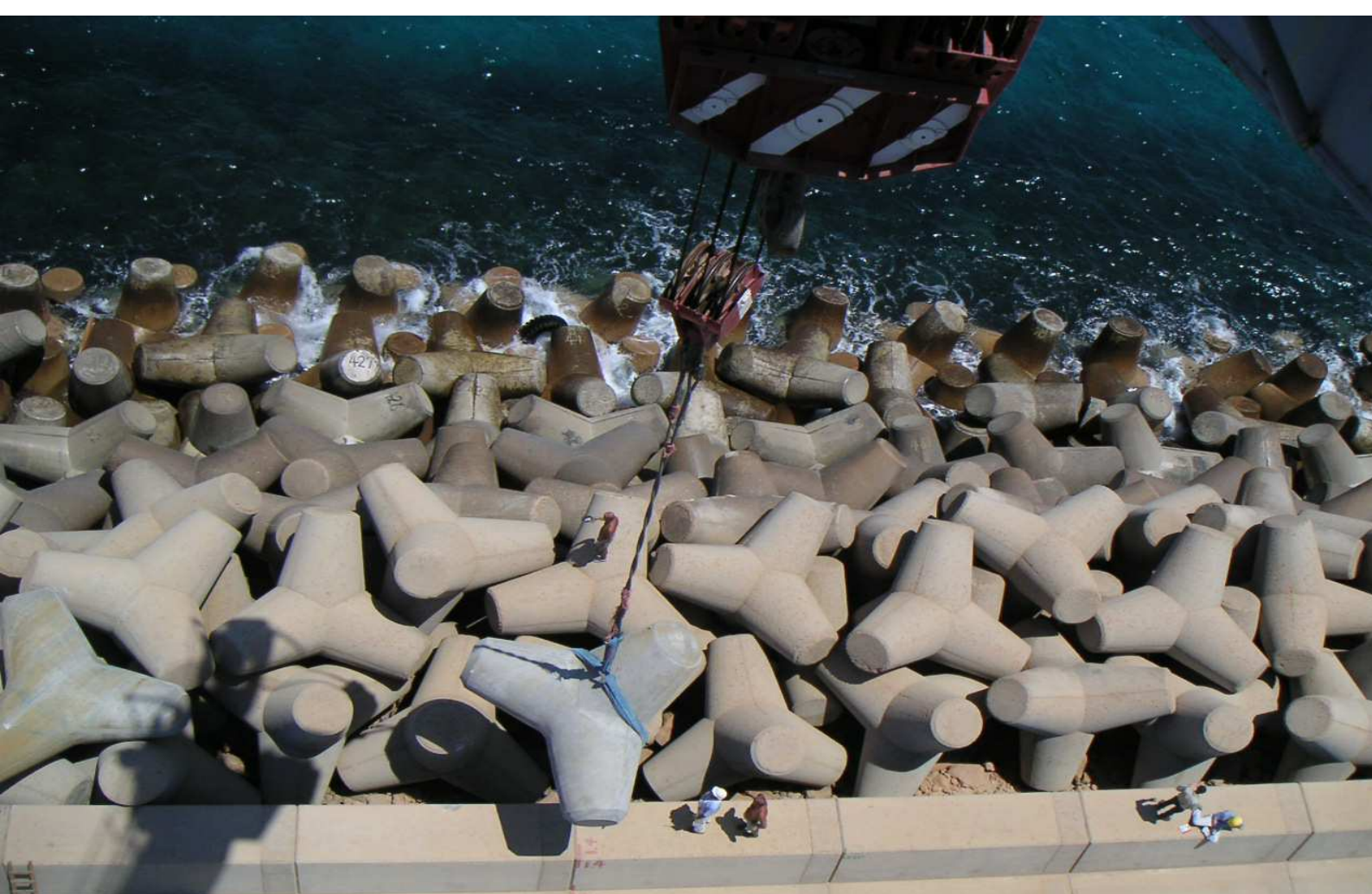
VILLAGRANDE (CA)	REPLACEMENT OF DAM SLIPWAY DISCHARGING AND MAINTENANCE OF LAKE WATER INTAKE	ENEL
CAGLIARI	PETROCHEMICAL PIER REVAMPING - SUPPLY AND INSTALLATION OF NEW BREASTING DOLPHIN	SERCHEM S.P.A.
PORTO VESME	PIER REVAMPING ON SULCIS POWER STATION	DELTA IMPIANTI SRL
LA MADDALENA	CONSTRUCTION OF ROCK CENTER BUILDING	U.S.A. NAVY
TRAPANI	MARINE WORKS FOR NAVAL ASSISTANCE TO SEA LINE LAUNCH FOR DESALTING PLANT	T.P.L. S.P.A.
CARLOFORTE	CONSTRUCTION AND INSTALLATION OF SEA WATER INTAKE AND EXHAUST SEA LINE FOR FISHERY PLANT	REGIONAL DISTRICT OF CAGLIARI
FIUMICINO	PULLING TEST OF LOADING SPM PLATFORM R2	CHEVRON ROMA REFINERY S.P.A.
BAIA (NA)	SLIPWAY REVAMPING AND ENLARGEMENT	MERICRAFT BAIA S.P.A
ROMA-CAGLIARI	GOVERNMENT COURSES FOR DIVING SPECIALIZATION IN UNDERWATER ARCHAEOLOGY SECTOR	MINISTRY OF CULTURE AND ENVIRONMENT
FALCONARA MARITTIMA (AN)	SPM PLATFORM REVAMPING / ENLARGEMENT NEW TORCH PIER	API S.P.A. ANCONA REFINERY



PORTO TORRES	PRECONSTRUCTION AND PLACING OF A NEW CONCRETE BLOCK QUAY FOR PLATFORM "E" FOR LIQUID PRODUCTS PIER	ENICHEM S.P.A.
CALAGONONE (NU)	PIERS CONSTRUCTION AT CALA LUNA AND BUE MARINO CAVES	DORGALI MUNICIPALITY
PROVINCIA DI CAGLIARI	MAINTENANCE OF COASTAL, MARINE COMPARTMENT SPECIAL PROJECTS ACTION 3 FIRST YEARLY	AUTONOMOUS REGION OF SARDINIA
PROVINCIA DI NUORO	MAINTENANCE OF COASTAL MARINE COMPARTMENT SPECIAL PROJECTS ACTION 3 FIRST AND SECOND YEARLY	AUTONOMOUS REGION OF SARDINIA
AMENDOLARA	CONSTRUCTION OF ARTIFICIAL REEF TO PROTECTION AMENDOLARA MARINA TOWN	MINISTRY OF PUBLIC WORKS
ALASSIO	ALASSIO MARINAS BREAKWATER REINFORCEMENT / ENLARGEMENT	ALASSIO COUNCIL
TUNISIA	LAUNCHING AND BURYING OF SEA LINE, MTS 18.500, E.D. Ø16' AT ZARZIS-EL BIBAN MARATHON FIELD	MONDIAL SERVICES
SPANISH MAROC	BREAKWATER REINFORCEMENT WORKS AT MELILLA PORT	NECSO ENTRECANALES CUBIERTAS
ADDAURA (PA)	MAINTENANCE OF COVERAGE OF BREAKWATER BERTH WITH SPECIAL CARE TO RECONSTRUCTION OF FAR END OF PIER AT ADDAURA	REGIONAL PUBLIC WORKS DEPT.



PORTO CORALLO	EXTRAORDINARY REINFORCEMENT WORKS OF BREAKWATER PIER	AUTONOMOUS REGION OF SARDINIA
PORTO DI TRIESTE	DRIVING / DRILLING OF PILES Ø 2.400 MM E. D. FOR N. 785 EAPT PROJECT	FERRO CEMENTO RECCHI
SANREMO	MARINE WORKS IN THE SANREMO MARINAS	SANREMO INTERNATIONAL YACHTING CLUB
CALAGONONE	WASTEWATER TREATMENT PLANT - SUPPLY AND INSTALLATION OF SEA LINE	DORGALI TOWN HALL
PROVINCIA DI NUORO	MAINTENANCE OF COAST MARINE COMPARTMENT SPECIAL PROJECTS ACTION 3 SECOND AND THIRD YEARLY	AUTONOMOUS REGION OF SARDINIA
SAVONA	ENLARGEMENT OF QUAYS N° 4 AND 1 AT COMMERCIAL PORT	PORT AUTHORITY OF SAVONA
ANCONA	REINFORCEMENT AND COMPLETION OF THE QUAYS N. 2 AND 3 AT COMMERCIAL PORT	PORT AUTHORITY OF ANCONA
GENOVA	CONSOLIDATION OF THE MOORING DOLPHINS T1, T2, T3, T4, T5 AT TERMINAL FERRIES IN BRIDGE ASSERETO	HARBOUR AUTHORITY OF GENOVA
LIVORNO	WHARF REVAMPING AND REINFORCEMENT AT EAST SIDE OF THE OLD HARBOUR	HARBOUR AUTHORITY OF LIVORNO





PORTO DI SANTA TERESA	REALIZATION OF BREAK WATER AND REVAMPING OF THE COMMERCIAL QUAY	AUTONOMOUS REGION OF SARDINIA
SOVERATO	DREDGING AND RECLAIMING OF THE TORRENT BELTRAME MOUTH	REGION OF CALABRIA
PORTO DI LIVORNO	REFITTING AND REINFORCEMENT OF THE WHARF NR. 30	AGIP - COSTIERO GAS S.P.A.
RAVENNA	SUPPLY AND INSTALLATION OF MARINE FENDERS IN SAINT VITALE'S QUAY	MINISTRY OF PUBLICS WORKS
CAGLIARI	INSTALLATION AN MAINTANCE OF ELASTIC BEACONS, LIGHT BUOYS AN NAVAL AIDS IN PORTO CANALE	PORT AUTHORITY OF CAGLIARI
GENOVA	REALIZATION OF A WHARF IN HEAD TO BRIDGE ASSERETO	PORT AUTHORITY OF GENOVA
ORISTANO	SUPPLY AND INSTALLATION OF MARINE FENDERS	MINISTRY OF PUBLICS WORKS
RAS LANUF LIBYA	MARINE WORKS FOR BREAKWATER TETRAPODS REINFORCEMENT	HYDROBUODWA



GENOA	SPM REVAMPING IN PETROL PORT OF GENOA	AGIP SPA ENI
CIRO' MARINA	SUPPLY AND INSTALLATION OF BREASTING DOLPHIN	SYNDIAL SPA ENI
MELLITAH LIBYA	EPCI FOR UPGRADING OFFSHORE FACILITIES – SUPPLY AND INSTALLATION OF SEA LINE / PLEM / SINGLE POINT MOORING	AGIP OIL CO LTD LIBYAN BRANCH
DAMIETTA	PILES INSTALLATION FOR MOORING DOLPHINS IN LNG PORT	PETROJET
GENOVA	ENLARGEMENT OF EXISTING BERTH AND REALIZATION OF NEW PIER IN FINCANTIERI YARD	PORT AUTHORITY OF GENOVA
PONZA ISLAND	CONSTRUCTION OF A QUAY	MINISTRY OF PUBLICS WORKS
CAGLIARI	JETTY CONSTRUCTION FOR MARINE ARMY - PORT OF CAGLIARI	PORT AUTHORITY OF CAGLIARI
PORTO TORRES	INSTALLATION OF NAVAL AIDS / TOWERLIGHTS ON PETROCHEMICAL PIER	POLIMERI ENI
ORISTANO	ENGINEERING ACTIVITIES FOR PETROCHEMICAL JETTY REVAMPING UNTILL DWT 30.000 MOORING CAPACITY	IVI PETROLIFERA ORISTANO

