

COPETECH-SM Under Water Survey

Offshore & Hydrographic Dept.

Jérôme SIALELLI
General Manager

Offshore & Hydrographic Department
Mobile : +33 684 531 702
email : jerome.sialelli@copetechsm.fr

Tél: +33 496 151 545

Fax: +33 496 151 548

MIN de Saumaty, Chemin du littoral
13016 MARSEILLE
FRANCE





COPETECH-SM BELONGS TO A GROUP OF COMPANIES WITH COMMON SHAREHOLDERS.

COPETECH-SM
Under Water Survey



COPETECH-SM - since 1999
UNDERWATER SURVEY

Copetech-SM in a few figures

CAPITAL TOTAL : 210 000,00 €
GLOBAL MANPOWER : 10
TURNOVER 2016 : 2,5 M€



CONTACTS :



JÉRÔME SIALELLI
GENERAL MANAGER
OFFSHORE & HYDROGRAPHIC DEPT.
MOB : +33 684 531 702
EMAIL:
JEROME.SIALELLI@COPETECHSM.fr



MICHÈLE PAOLI
MANAGER ASSISTANT
MOB : +33 633 108 765
EMAIL: MICHELE.PAOLI@COPETECHSM.fr



PHILIPPE DAMIRON
ROV SUPERINTENDANT
MOB : +33 631 673 053
EMAIL:
PHILIPPE.DAMIRON@COPETECHSM.fr



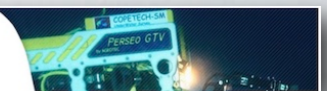
Performance, reliability
and responsiveness
forces with you!

COPETECH-SM
MIN DE SAUMATY
CHEMIN DU LITTORAL
13016 MARSEILLE
FRANCE
TEL : +33 496 151 545
FAX : +33496 151 548

COPETECH-SM CARIBBEAN OFFICE
RÉSIDENCE LE CORAIL N°10
97190 LE GOSIER
GUADELOUPE FWI - FRANCE
TEL/FAX : +590 590 908 811



COPETECH-SM
Under Water Survey





SERVICES PROVIDED

BRANCHES OF INDUSTRY

ROV SERVICES :

- RIG MOVE ASSISTANCE
- DRILL ASSISTANCE
- SMALL WORK
- DIVERS ASSISTANCE
- JACKET INSPECTION

MARITIME WORKS :

- COASTAL ENGINEERING
- PIPE & CABLE INSTALLATION
- PIPE & CABLE REPAIR

OFFSHORE PETROLEUM COMPANY

- CIVIL ENGINEERING
- SUBMARINE CABLE & PIPE
- SCIENTIFIC RESEARCH
- LITTORAL INSTALLATION

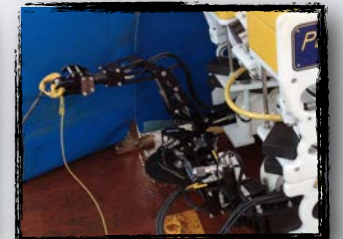
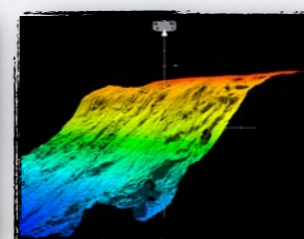
HYDROGRAPHIC SURVEY :

- MULTIBEAM / SINGLEBEAM
- SIDE SCAN SONAR
- SUB BOTTOM PROFILER

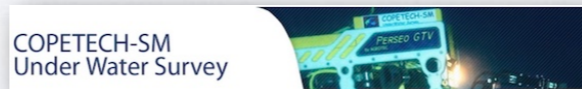
POSITIONING / GEODESY

- RIG MOVE MONITORING
- SUPPLY VESSEL MONITORING

STUDIES



MAIN CLIENTS





SPECIFIC EQUIPMENTS

INSPECTION CLASS ROV:

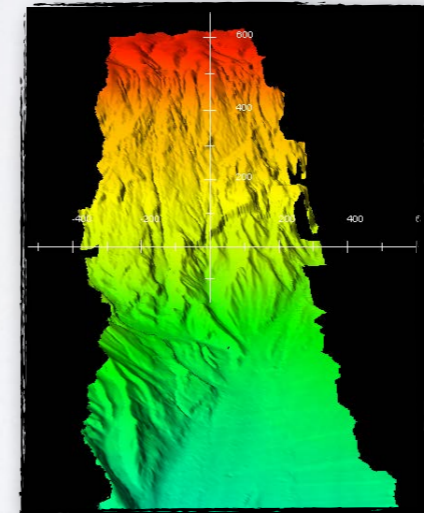
- 1 CHINOOK SEAMOR
- 1 SUPER ACHILLE FREE SWIMMING (500M RATED)
- 1 SUPER ACHILLE WITH LARS & TMS (1 000M RATED)
 - SENSOR AVAILABLE : CP PROBE ; PIPE TRACKER ; MULTI PARAMETER PROBE

MULTIPURPOSE CLASS ROV:

- 2 x PERSEO GTV (1 500 M RATED)
- TOOL SKID AVAILABLE (2 MANIP, CUTTER, TORQUE TOOL, JETTING, BRUSH, ...)
- SURVEY SKID (MULTIBEAM R2SONIC2022, DVL, INS, CTD, DEPTH SENSOR)
- LOT OF SENSOR AVAILABLE : CP PROBE ; PIPE TRACKER ; MULTI PARAMETER PROBE ; THICKNESS GAUGE

SURVEY EQUIPMENT:

- DGPS RTK
- SIDE SCAN SONAR KLEIN 3000 WITH SBP OPTION
- MULTIBEAM ECHO SOUNDER
- GRADIOMETER / PIPE TRACKER ACTIVE & PASSIVE
- USBL HPR410P / IXSEA GAPS





SOME OF OUR LAST PROJECTS

INTERNATIONAL TELECOM
GETESA

*GETESA Submarine Cable System : Marine Survey
Equatorial Guinea
Multibeam Survey - SSS survey - SBP survey - Bottom Sampling*

PA RESOURCES

*ROV Services : Annual contract for 2009
- Divers Assistance
- Drilling Assistance
- RIG move assistance
- General survey*

EDF

*Submarine Cable : La DESIRADE - Pointe des châteaux
- Marine Survey
- Cable laying
- Cable protection*

PRINCIPALTE DE MONACO
Ministre d'Etat

*Water Pipeline ROV operations - 90 meter depth :
- Pipe cleaning with High Pressure Jetting
- Regeneration of the concrete coating*

EXPEDITION JEAN-LOUIS ETIENNE
TOTAL POLE AIRSHIP

*ROV Survey :
- Bathymetric survey
- Visual Inspection*



SOME REFERENCES

Year	Job description	Client	Location
2018	Cartography and global visual Inspection of ENEDIS Submarine Cables Med (Porquerolles, Port Cros, Le Levant) <ul style="list-style-type: none"> •ROV visual inspection •Pipe Tracker Active mode (50Hz Tracking) 	ERDF	France
2018	Periodic General visual Inspection of all ERDF Submarine Cables between the islands of Brittany and Pays de Loire (Belle-Ile, Groix, Houat, Hoedic, Yeu) <ul style="list-style-type: none"> •Class I ROV visual inspection 	ENEDIS	France
2018	Class II ROV Services - DIDON Field <ul style="list-style-type: none"> •Tanker Hull inspection for ABS / Diver assistance •ROV FSO visual inspection / FSO Disconnection •SUPERVISION of RISER laying for stand-by 	PA RESOURCES	TUNISIA
2018	Shallow water Gas Pipeline inspection : DENIA <ul style="list-style-type: none"> •ROV Visual inspection •Acoustic Positioning GAPS & Hypack •CP reading 	TECHNOAMBIENTE / ENAGAS	Canary Islands
2018	Marine Survey : Study renewal submarine cable Ile du Frioul / Marseille <ul style="list-style-type: none"> •Multibeam bathymetric survey •Gradiometer & side scan sonar survey •ROV visual inspection •Topographic survey •Desktop Study 	ENEDIS	France



SOME REFERENCES

Year	Job description	Client	Location
2017	ROV services - UXO target inspection - Eolien Farm - Manche <ul style="list-style-type: none"> • ROV survey • Surface and underwater monitoring • Current up to 2 knots 	DRASSM / RTE	France
2017	ROV visual inspection & HTA cables positioning Archipel Guadeloupe (0-350m depth) : <ul style="list-style-type: none"> •ROV visual inspection 	ERDF GUADELOUPE	Guadeloupe France DOM
2017	Marine Survey : Study renewal submarine cable Ile de GROIX <ul style="list-style-type: none"> •Multibeam bathymetric survey •Gradiometer & side scan sonar survey •ROV visual inspection •Topographic survey •Desktop Study 	ENEDIS	France
2017	ROV Services / Well Head Site Survey <ul style="list-style-type: none"> •ROV General Visual Inspection of installations •Well Head Inspection & 3D MNT using photogrammetry •Platform inspection •Umbilical positioning - Pipe tracker passive mode TSS •600 m Water Depth 	LIGHTHOUSE / TOTAL	Azerbaijan
2017	ROV Services <ul style="list-style-type: none"> •Diver assistance •ROV General Visual Inspection of installations 	GEOCEAN	Chile





SOME REFERENCES

Year	Job description	Client	Location
2016	ROV services - Archaeological Site for 3D modeling and Wreck inspection <ul style="list-style-type: none"> • ROV survey • HD Video • I 050 m Water Depth 	DRASSM	Corse - France
2016	ROV Services <ul style="list-style-type: none"> • Diver assistance • ROV General Visual Inspection of installations 	GEOCEAN	Chile
2016	ROV Services / Water pipe maintenance / Laying <ul style="list-style-type: none"> • Diver assistance • ROV General Visual Inspection of installations • Anchoring and underwater works 	DÉPARTEMENT DE LA GUADELOUPE	Ile de Guadeloupe France
2016	FO Cable route Survey : <ul style="list-style-type: none"> • ROV Visual inspection • Acoustic Positioning GAPS & Hypack 	IX SURVEY	France
2015	ROV services - Archaeological Site for 3D modeling and Wreck inspection <ul style="list-style-type: none"> • ROV survey • HD Video • I 050 m Water Depth 	DRASSM	France
2015	ROV Services / Well Head Site Survey <ul style="list-style-type: none"> • ROV General Visual Inspection of installations • Well Head Inspection • 600 m Water Depth 	GAS SURVEY	Azerbaijan





SOME REFERENCES

Year	Job description	Client	Location
2015	Well Head Site Survey : (900 m water depth) <ul style="list-style-type: none"> •ROV Visual inspection •Acoustic Positioning GAPS & Hypack 	TECHNOAMBIENTE / REPSOL	Canary Islands
2015	Power Cable route Survey : (0 - 100 m water depth) <ul style="list-style-type: none"> •ROV Visual inspection •Acoustic Positioning GAPS & Hypack 	TECHNOAMBIENTE / REE	Canary Islands
2015	ROV services (900 m water depth) <ul style="list-style-type: none"> •ROV visual inspection •Hydraulic rotary cutter Tool Skid 	ECA	France
2015	ROV Services <ul style="list-style-type: none"> •Diver assistance •ROV General Visual Inspection of installations 	GEOCEAN	Chile
2014	ROV Services <ul style="list-style-type: none"> •Diver assistance •ROV General Visual Inspection of installations 	PA RESOURCES	TUNISIA
2014	ROV services - Archaeological survey <ul style="list-style-type: none"> •ROV visual inspection •Samples of small objects 	GEDEON / LFC PROD	Corsica
2014	ROV Services <ul style="list-style-type: none"> •Diver assistance •ROV General Visual Inspection of installations 	GEOCEAN	BENIN





SOME REFERENCES

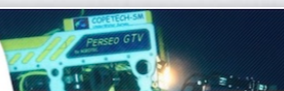
Year	Job description	Client	Location
2013	Site Survey : (850 - 1200 m water depth) - 1,5 months ENVIRONMENTAL MARINE BASELINE STUDY <ul style="list-style-type: none"> •ROV Visual inspection •Acoustic Positioning GAPS & Hypack 	TECHNOAMBIENTE / REPSOL	Canary Islands
2013	ROV services - Archaeological survey <ul style="list-style-type: none"> •ROV visual inspection •Samples of small objects 	GEDEON / LFC PROD	Corsica
2013	ROV Services - DIDON Field <ul style="list-style-type: none"> •Tanker Hull inspection for ABS / Diver assistance •ROV FSO visual inspection / FSO Disconnection & Reconnection Assistance •SUPERVISION of new RISER Installation •Vessel & TDP monitoring / Installation of mattress upon new riser with ROV 	PA RESOURCES	TUNISIA
2012	Marine Survey : Study renewal submarine cable Quiberon Belle-Ile <ul style="list-style-type: none"> •Multibeam bathymetric survey •Gradiometer & side scan sonar survey •ROV visual inspection •Topographic survey •Desktop Study 	ERDF	France
2012	Cartography and global visual Inspection of all ERDF Submarine Cables between the islands of Brittany and Pays de Loire (Belle-Ile, Groix, Houat, Hoedic, Yeu) <ul style="list-style-type: none"> •SingleBeam bathymetric survey •Gradiometer & side scan sonar survey •ROV visual inspection 	ERDF	France
2012	Search and retrieval of multiple targets down to 150 m : <ul style="list-style-type: none"> •Side scan sonar survey •ROV inspection •Retrieval with the means of ROV 	INSTITUT MÉDITERRANÉEN D'OCÉANOLOGIE	France





SOME REFERENCES

Year	Job description	Client	Location
2012	ROV services - Archaeological Site «LA LUNE» shooting for 3D modeling <ul style="list-style-type: none"> •ROV survey •Monitoring 	DASSAULT 3DS DRASSM	France
2012	Site Survey : DARSE - SALIN DE GIRAUD project <ul style="list-style-type: none"> •Single Beam bathymetric survey •side scan sonar & SBP survey •Topographic survey •Desktop Study 	RTE	France
2012	Search and retrieval of target down to 100 m : <ul style="list-style-type: none"> •ROV inspection •Retrieval with the means of ROV 	INSTITUT MÉDITERRANÉEN D'OCÉANOLOGIE	France
2012	ROV Assistance : <ul style="list-style-type: none"> •Visual inspection down to 800 m water depth •Tool skid arm and cutter 	ECA	Cap Ferrat
2012	La Réunion SWAC Project : <ul style="list-style-type: none"> •Multibeam Hull Mounted survey •High Resolution Multibeam survey (50 cm resolution) mounted on ROV down to 1 200m water depth. 	GDF-SUEZ	La Réunion
2011	ROV assistance for a SWAC laying on the Tétiaroa island: <ul style="list-style-type: none"> •Surface vessel positioning •Submarine acoustic positioning until 1000 mtrs depth •ROV visual inspection •Laying assistance- TDP monitoring during laying until 350 mtrs deep 	GÉOCÉAN	FRENCH POLYNÉSIA





SOME REFERENCES

Year	Job description	Client	Location
2011	Visual inspection & submarine pipe positioning Archipel Guadeloupe (0-350m depth) : <ul style="list-style-type: none"> •Single beam bathymetric survey •Gradiometer & side scan sonar survey •ROV visual inspection 	SIAEAG	GADELOUPE FRANCE DOM
2011	ROV Assistance Services DIDON Field : <ul style="list-style-type: none"> •RIG ENSCO 85 assistance •Drill Assistance •ROV survey •Divers Assistance 	PA RESOURCES	TUNISIA
2011	ROV visual inspection & HTA cables positioning Archipel Guadeloupe (0-350m depth) : <ul style="list-style-type: none"> •Single beam bathymetric survey •Gradiometer & side scan sonar survey •ROV visual inspection 	EDF GUADELOUPE	Guadeloupe France DOM
2011	Pre & Post-survey for a deep mooring system demobilization : <ul style="list-style-type: none"> •Single beam bathymetric survey •Side scan sonar survey 	JAMES FISHER MARINE SERVICES	France
2010	Remarquable biocenosis cartography on Monacan littoral 0-100 m: <ul style="list-style-type: none"> •Multibeam survey •Side Scan Sonar Survey & Sub Bottom profiler •ROV inspection & surface sediments sampling 	DIRECTION DE L'ENVIRONNEMENT	Principauté de Monaco
2010	ROV Assistance Services DIDON Field : <ul style="list-style-type: none"> •DIDON W-Head inspection & monitoring •Divers Assistance 	PA RESOURCES TUNISIA	TUNISIA

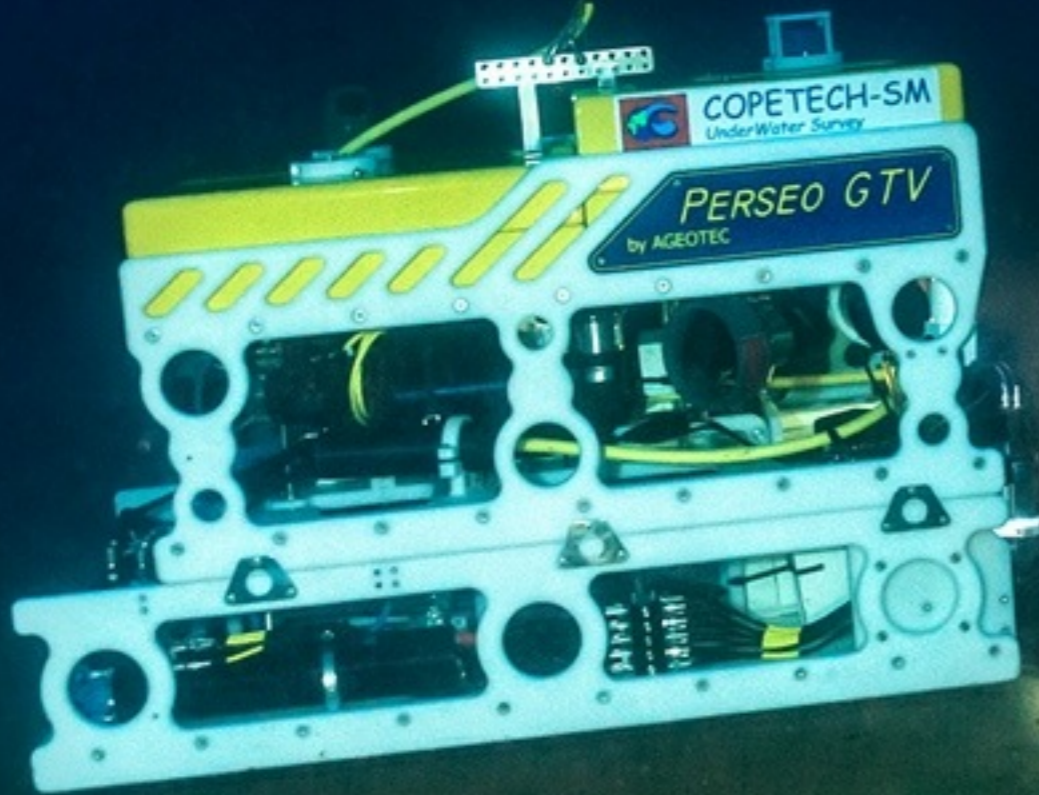




SOME REFERENCES

Year	Job description	Client	Location
2010	<p>La Réunion Cable Marine Survey</p> <ul style="list-style-type: none"> •Multibeam survey •Side Scan Sonar Survey & Sub Bottom profiler •ROV inspection & surface sediments sampling 	NEXANS / RTE	LA RÉUNION FRANCE DOM
2010	<p>Remarquable biocenosis cartography in the context of Natura2000 - Côte Bleue :</p> <ul style="list-style-type: none"> •Single beam / Multibeam survey •Side Scan Sonar Survey •ROV inspection & surface sediments sampling 	AIRES MARINES PROTÉGÉES	FRANCE
2010	<p>Remarquable biocenosis cartography in the context of Natura2000 - Côte Vermeille - on about 200 km² :</p> <ul style="list-style-type: none"> •Multibeam survey •Side Scan Sonar Survey & Sub Bottom profiler •ROV inspection & surface sediments sampling 	AIRES MARINES PROTÉGÉES	FRANCE
2010	<p>ROV Assistance Services DIDON Field :</p> <ul style="list-style-type: none"> •RIG ENSCO 105 assistance •Drill Assistance •Divers Assistance 	STORM VENTURE INTERNATIONAL	Tunisia
2009-2010	<p>Groote Eylandt Cable Marine Survey</p> <ul style="list-style-type: none"> •Multibeam survey •Side Scan Sonar Survey & Sub Bottom profiler •ROV inspection & surface sediments sampling 	INTERNATIONAL TELECOM	AUSTRALIA





COPETECH-SM

IS A WORLD-WIDE
CONTRACTOR MEMBER OF



International Marine
Contractors Association

OF THE
REMOTE SYSTEMS & ROV DIVISION

BASED
EUROPE & AFRICA REGION



Iain Grainger
IMCA President 2018

VALID UNTIL 1 FEBRUARY 2019

IMCA members undertake to act as responsible members of the Association and are willing to be audited against compliance with relevant IMCA guidelines by their clients.

