



2016



**Location**



Depuis de nombreuses années, NEOTEK vous accompagne dans vos acquisitions d'instruments et de technologies pour la mesure, le positionnement, la transmission et le traitement des données. Nous commercialisons une très large gamme de matériels de haute technologie destinés à la marine nationale, la marine marchande et l'océanographie.

Pour vos besoins ponctuels en équipements spécifiques, NEOTEK peut maintenant vous faire bénéficier des avantages et de la flexibilité de la location, sur une courte ou une longue durée. Vous trouverez, en effet, dans ce catalogue un large choix de matériels de haute technicité capable de s'adapter à vos exigences.

Vos commerciaux et toute l'équipe de NEOTEK restent bien entendu à votre disposition pour vous guider dans le choix du matériel le plus approprié et pour vous en fournir le devis.

Que vous souhaitiez louer ou acquérir un nouveau matériel, n'hésitez pas à contacter dès à présent notre équipe commerciale.

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## 1. Enregistreur acoustique EA-SDA14

### EXCLUSIVITE

NEOTEK est le distributeur exclusif de l'enregistreur acoustique EA-SDA14, conçu par RTsys, société leader dans le domaine de l'enregistrement acoustique. Cet équipement rencontre un franc succès auprès de la communauté scientifique.

L'EA-SDA14 est un enregistreur acoustique passif multivoies large bande qui permet d'acquérir différents types de bruits. Il peut être utilisé dans de nombreux domaines d'applications : études d'impact environnemental, études de mammifères marins, suivi de travaux offshore, surveillance et sécurité, classification des bruits rayonnés des navires.



- 4 voies d'acquisitions synchronisées
- Large bande: 3Hz à 1MHz
- Fonctionnement en mode autonome ou câblé
- Configuration simple et accessible par interface web

#### Facile d'utilisation

Compact l'enregistreur peut être déployé par une seule personne. La connectique SubConn permet une connexion aisée des hydrophones

#### Paramétrable

Les voies sont synchronisées et calibrées électroniquement à +/- 0.2dB. Les gains sont paramétrables sur chacune des voies entre -4dB et +16dB. Les filtres passe-haut sont également paramétrables.

#### Configurable

Les enregistreurs peuvent être équipés à la fois d'hydrophones passifs ou pré-amplifiés. De nombreux capteurs auxiliaires sont disponibles avec l'enregistreur : GPS, température, pression, accéléromètre, ...



**Nous disposons notamment d'un EASDA14-500, 18 piles, équipé de capteurs de profondeur et de température, accompagné d'un hydrophone HTI-96-MIN (30kHz, sensibilité 170dB re1V/U<sub>pa</sub>, câble de 8 mètres avec connectique Subconn) dédié à la location. Tout autre besoin sera bien entendu étudié.**



## 2. Lagueurs Acoustiques

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- Sonardyne 7667 DORT LF Command Unit
- Sonardyne 7710 LF DORT (6000m)
- Sonardyne 7710 LF DORT (Lithium Powered) (6000m)
- Sonardyne 7710 LF DORT ParallelMounting Kit
- Sonardyne 7869 7.5T SWL Heavy Duty Frame c/w DORT
- Sonardyne 7869 15T SWL Heavy Duty Frame c/w 2 x DORT
- Sonardyne 7967 LRT Command Unit
- Sonardyne 7986 LRT
- Sonardyne 7986 LRT c/w 75m Rope Canister

## 3. Télémétrie Acoustique

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- Linkquest UWM 2000 Subsea Modem
- Linkquest UWM 2000 Surface Modem
- Linkquest UWM 2000H Subsea Modem
- Linkquest UWM 2000H Surface Modem
- Teledyne Benthos ATM-885/886/887/926 LF Subsea Modem (2000m)
- Teledyne Benthos Surface Modem Controller (LF) c/w AT408 Transducer

## 4. Calibration

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- Valeport 602 CTD
- Valeport 604/606/Midas CTD (C,T,D)
- Valeport 650/Midas SVP (SV,T,D)
- Valeport SVX2 (SV,C,T,D)
- Valeport miniSVS (SV)
- Paroscientific Digiquartz® Sensor
- Trittech 701Bathy (D)
- Trittech 704 Bathy (C,T,D)
- Gyro Calibration Check (TSS, CDL, Ixsea)
- Gyro Quadrant (UATR) Check (TSS, CDL, Ixsea)
- INS/DVL Calibration
- Vaisala Digital Barometer



## 5. Ordinateurs et équipements auxiliaires

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- TFT Monitor 17"
- Composite Video Monitor 14"
- Laptop PC
- Laptop PC c/w I/O Spy Software
- Laptop PC c/w Edgeport Serial Converter
- Coda Octopus Echoscope PC (Core i7 6 Core Tower PC, MRI Card, 19" TFT Monitor)
- RTS RS232 Splitter
- Seatronics Rack Mount LBL PC (2U Core i3, 4G RAM, 120G Solid State Hard Drive, 6 x Serial Ports)

## 6. Sondes CTD, Multiparamètre et Vitesse du son

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- Seabird SBE 19 CTD
- Seabird SBE 19plus (C,T,D,DO,Fluorometer,Chlorophyll,Turbidity)
- Valeport 606+ CTD (C,T,D,Ph,DO,Redox,Turbidity)
- Valeport MIDAS SVP
- Valeport MIDAS SVX2 Self Recording Combined SVP/CTD
- Valeport MIDAS/606/604 Self Recording CTD
- Valeport miniSVS
- Valeport Umbilical Cable 50m
- Valeport Umbilical Cable 100m
- Valeport Umbilical Cable 200m
- Valeport 8008 Control Display Unit (CDU)

## 7. Courantomètres et Profileurs de courants

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- 17" Glass Floatation Sphere c/w Hard Hat
- Flotec 32" ADCP Buoy
- Flotec 40" ADCP Buoy
- Nortek Aquadopp ACM (200m)
- Nortek Aquadopp ACM (2000m)
- Nortek Aquadopp ACM c/w Turbidity (200m)
- Nortek Aquadopp ACM c/w Turbidity (2000m)
- Nortek Aquadopp Deployment Frame c/w Fin
- Nortek Aquadopp External Battery Canister
- Teledyne RDI ADCP Gimballed Seabed Frame
- Teledyne RDI ADCP Gimballed Seabed Frame c/w LRT & 75m Rope Canister
- Teledyne RDI ADCP Inline Mooring Frame
- Teledyne RDI Direct Reading Option for ADCP c/w 100m Cable and Laptop



- Teledyne RDI External Battery Pack for ADCP (200m)
- Teledyne RDI External Battery Pack for ADCP (6000m)
- Teledyne RDI Long Ranger 75kHz ADCP
- Teledyne RDI Long Ranger / Quartermaster Inline Mooring Frame
- Teledyne RDI QuarterMaster 150kHz ADCP
- Teledyne RDI Sentinel V20 ADCP (1MHz, 300m) c/w Velocity Post Processing Software Package
- Teledyne RDI Sentinel V50 ADCP (500kHz, 300m) c/w Velocity Post Processing Software Package
- Teledyne RDI Sentinel V100 ADCP (300kHz, 300m) c/w Velocity Post Processing Software Package
- Teledyne RDI Sentinel V Velocity Post Processing Software Package
- Teledyne RDI Sentinel V Waves Option
- Teledyne RDI Sentinel V Standard Bottom Track Option (+/- 1.15% Accuracy)
- Teledyne RDI Workhorse Sentinel 300 kHz ADCP (200m)
- Teledyne RDI Workhorse Sentinel 600 kHz ADCP (200m)
- Teledyne RDI Workhorse Sentinel 1200kHz ADCP (200m)
- Teledyne RDI Workhorse Sentinel 300 kHz ADCP (1000m)
- Teledyne RDI Workhorse Sentinel 300/1200 kHz ADCP (6000m)
- Teledyne RDI Workhorse Sentinel Bottom Track Option
- Teledyne RDI Workhorse Sentinel Pressure Sensor Option
- Teledyne RDI Workhorse Sentinel Waves Option (c/w Pressure Sensor Option)
- Valeport 106 Self Recording Current Meter
- Valeport 106 Direct Reading Current Meter c/w 50m Cable and CDU
- Valeport 106 Direct Reading Current Meter c/w 50m Cable and Laptop
- Valeport 106 Direct Reading Current Meter c/w 100m Cable and CDU
- Valeport 106 Direct Reading Current Meter c/w 100m Cable and Laptop
- Valeport 106 Direct Reading Current Meter c/w 200m Cable and CDU
- Valeport 106 Direct Reading Current Meter c/w 200m Cable and Laptop
- Valeport 803 EM ROV Current Meter
- Valeport MIDAS (808) ECM Direct Reading Current Meter (FSK Comms)
- Valeport MIDAS (808) ECM Self Recording Current Meter
- Valeport Umbilical Cable 50m
- Valeport Umbilical Cable 100m
- Valeport Umbilical Cable 200m
- Valeport 8008 Control Display Unit (CDU)

## 8. Systèmes de traitement de données, imprimantes et logiciels

- Coda Octopus DA2000 Acquisition System
- Coda Octopus DA4G Acquisition System
- Coda Octopus Offline GeoSurvey Processing Suite (Full Geokit, Mosaic, PI)



- Coda Octopus Seismic+ Processing Dongle and Software
- GeoAcoustics GeoPrinter
- GeoAcoustics GeoSwath Post Processing Software
- Hypack Positioning Software and Dongle
- Leica Geosystems Cyclone Model 7.0 Software Package
- QPS Qinsy Data Acquisition/Processing Package c/w Hardware
- Reson PDS2000 Survey and Office Software
- Ultra 120 Thermal Recorder

## 9. Télémétrie

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- Pacific Crest EDL II
- Satel Sateline®-3AS(d) c/w Antenna & Cable
- Satel Sateline®-3AS(d) NMS c/w Antenna & Cable
- Satel EASY YM6500 UHF Modem c/w Antenna & Cable
- Satel EASY YM6500 (Display) UHF Modem c/w Antenna & Cable
- Seatronics SeaMesh Node
- Seatronics SeaVision (1394MHz or 2.2GHz)
- Seatronics SeaVision II (1394MHz, 2.2GHz or 5GHz)
- Seatronics SeaVision II (1394MHz, 2.2GHz or 5GHz) c/w Integrated Video Monitor

## 10. Bathymétrie, Altimètres et Sondes de profondeur

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- Depth Sensor Umbilical Cable (Paroscientific/Valeport) 200m c/w PSU & Interface
- Kongsberg MS1007 Altimeter 200kHz
- Paroscientific Digiquartz® 8CDP060-I (60m)
- Paroscientific Digiquartz® 8CDP270-I (270m)
- Paroscientific Digiquartz® 8CDP700-I (700m)
- Paroscientific Digiquartz® 8CB1400-I (1400m)
- Paroscientific Digiquartz® 8CB2000-I (2000m)
- Paroscientific Digiquartz® 8CB4000-I (4000m)
- Paroscientific Digiquartz® 8CB7000-I (7000m)
- Tritech Micron Echosounder 500kHz
- Tritech PA200 / PA500 Altimeter
- Tritech SeaKing 704-07 Bathy (700m) c/w Altimeter
- Tritech SeaKing 704-14 Bathy (1400m) c/w Altimeter
- Tritech SeaKing 704-20 Bathy (2000m) c/w Altimeter
- Tritech SeaKing 704-40 Bathy (4000m) c/w Altimeter
- Tritech Seagnet SCU Processor
- Valeport MIDAS Bathypack c/w Altimeter (1000/3000m)





- Valeport Mini IPS (300/1000/3000m)
- Valeport Modus IPS (350m)

## 11. Profileurs doubles

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- Kongsberg MS1171 Profiling Head (675-1300kHz) (4000m)
- Trittech Multicomm ROV Interface
- Trittech Seonet SCU Processor
- Trittech Super SeaKing DFP Head
- Trittech Super Seaking Profiler System (2 x Heads, 1 x SCU)

## 12. DVL

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- Teledyne RDI Workhorse Navigator DVL (300/600/1200kHz c/w Mode 7)
- Teledyne RDI Workhorse Navigator DVL (300kHz) (3000m)

## 13. Sondeurs Monofaisceau

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- Kongsberg MS1007 Altimeter 200kHz
- Odom Echotrac DF3200 Echosounder c/w 24/200kHz Transducer
- Odom Echotrac DF3200 Echosounder (no Transducer)
- Odom 24/200kHz M42 Transducer
- Odom 12KHz Transducer c/w PCB
- Odom Hydrotrac c/w 200kHz SMBB200-9 Transducer
- Trittech Micron Echosounder 500kHz
- Trittech PA200 / PA500 Altimeter

## 14. Surveillance Environnementale

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- Campbell Scientific Weather Station (Temp/Press/Wind Speed/Wind Dir)
- Campbell Scientific Weather Station (Wind Speed/Wind Dir)
- Nortek Aquadopp ACM c/w Turbidity (200m)
- Nortek Aquadopp ACM c/w Turbidity (2000m)
- Nortek Aquadopp Deployment Frame c/w Fin
- Seabird SBE 19plus (C,T,D,DO,Fluorometer,Chlorophyll,Turbidity)
- Seapoint Turbidity Meter
- Seatronics DTS 6000V Water Sampler \*\*\*Requires DTS 6000V System\*\*\*
- Skye Instruments Weather Station (Wind Speed/Wind Direction)
- Skye Instruments Weather Station (Temp/Press/Wind Speed/Wind Direction)
- Specialist Offshore Services 12 Station Water Sampler System (Pressure Bottle Operated)
- Specialist Offshore Services 12 Station Water Sampler System c/w Valeport 606 Plus CTD (Valeport Operated)



- Vaisala Digital Barometer
- Valeport 606+ CTD (C,T,D,Ph,DO,Redox,Turbidity)

## 15. Equipements de mouillage

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- 17" Glass Floatation Sphere c/w Hard Hat
- Flotec 32" ADCP Buoy
- Flotec 40" ADCP Buoy
- Nortek Aquadopp Deployment Frame c/w Fin
- Kongsberg Mini Transponder Float Collar
- Kongsberg Flotation Collar (MPT/SPT)
- Sonardyne Compatt Floatation Collar
- Teledyne RDI ADCP Gimballled Seabed Frame
- Teledyne RDI ADCP Gimballled Seabed Frame c/w LRT & 75m Rope Canister
- Teledyne RDI ADCP Inline Mooring Frame
- Teledyne RDI Long Ranger / Quartermaster Inline Mooring Frame

## 16. Gyrocompas et Central d'Attitude

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- Applanix POS MV 320E Mk4 RTK Positioning System
- CDL Diver Level (300m)
- CDL MiniPOS2 c/w HAIN Interface (3000m)
- CDL MiniRLG2 Ti (3000m)
- CDL MiniSense 2
- CDL MiniTXT Subsea Display (1000m)
- CDL MiniTXT Subsea Display (2000m)
- CDL MiniTilt (3000m)
- Seatronics MiniTilt Magnetic Mounting Cup
- CDL MobIUS RLG Package c/w 6G Midi Compatt and DQ/Inc End Cap
- CDL MobIUS RLG Package c/w Mk5 Midi Compatt and DQ/Inc End Cap
- CDL TOGS Fibre Optic GyroCompass (3000m)
- Coda Octopus F180+ with RTK Option
- Coda Octopus F180+ Pre Cal Bracket
- DeepSea Power & Light Charger
- DeepSea Power & Light SeaBattery
- Diver Gyro Package External Battery Pack (200m)
- Gyro Umbilical Cable c/w PSU/Interface 100m
- Gyro Umbilical Cable c/w PSU/Interface 200m
- Ixsea Octans FOG 3000Ti Gen3
- Ixsea Octans FOG 3000Ti Gen4



- Ixsea ROVINS INS (3000m)
- Ixsea PHINS 6000 Subsea INS
- Kongsberg Seatex Seapath 200 c/w MRU-5
- Oceantools OceanDISP II Subsea Display
- Oceantools OceanDISP Subsea Display
- RTS Deflection Monitoring Package
- RTS Gyro Toolbox (Frame, Battery Pack, Switch, Display, Octans Gyro, Soft Sling)
- Spare Battery Pack for RTS Gyro Toolbox
- Seatronics ROV/Diver Switch
- Seatronics SeaComp 3000 Solid State HPR Sensor
- Seatronics Seaframe 1B
- Seatronics Seaframe 2B
- Seatronics Seaframe Diver
- Seatronics Seaframe VDiver
- Seatronics SeaFOG Subsea Gyro (4000m)
- Sonardyne Mk5 Lodestar GyroCompatt
- Sonardyne 6G Lodestar GyroCompatt
- Teledyne TSS DMS-05 (3000m)
- Teledyne TSS DMS-05 Repeater Box
- Teledyne TSS Marinus RLG (3000m)
- Teledyne TSS Meridian Standard Surface Gyro c/w PSU
- Teledyne TSS Meridian Surveyor Surface Gyro c/w PSU

## 17. Systèmes de Navigation par Inertie (INS)

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- Applanix POS MV 320E Mk4 RTK Positioning System
- Coda Octopus F180+ with RTK Option
- Coda Octopus F180+ Pre Cal Bracket
- Ixsea ROVINS INS (3000m)
- Ixsea ROVINS INS (3000m) DVL Ready coupled to TRDI 1200kHz DVL
- INS/DVL Calibration
- Ixsea PHINS 6000 Subsea INS
- Ixsea PHINS DVL Ready coupled to TRDI 1200kHz DVL
- INS/DVL Calibration
- Kongsberg Seatex Seapath 200 c/w MRU-5
- Sonardyne SPRINT INS (3000m) System (Components Listed Below)
- Subsea Lodestar 3000m (8084-3110), AAINS Firmware, Lodestar Control Hub, Nav PC c/w SPRINT Software



## 18. Laser

- Imenco Underwater Laser
- Leica Geosystems Cyclone Model 7.0 Software Package
- MDL Fanbeam Mk4
- MDL Fanbeam Prism Cluster
- Savante Lumeneye Subsea Laser
- Seatronics SeaLaser
- Trittech Typhoon VMS

## 19. LBL

- Applied Acoustics 2520 PAM Test Unit
- Applied Acoustics 3510 PAM Test Unit
- CDL MobIUS RLG Package c/w Mk5 Midi Compatt and DQ/Inc End Cap
- CDL MobIUS RLG Package c/w 6G Midi Compatt and DQ/Inc End Cap
- Kongsberg C-Node Mini/Midi/Maxi Transponder
- Sonardyne 6G Compatt c/w RTP Strain Gauge & Release End Cap
- Sonardyne 6G Compatt c/w TPS Strain Gauge & SV End Cap
- Sonardyne 6G Compatt c/w RTQ Digiquartz and Release End Cap
- Sonardyne 6G Compatt c/w TQi2 Digiquartz/Inclinometer End Cap
- Sonardyne 6G Directional Compatt c/w RTP Strain Gauge & Release End Cap
- Sonardyne 6G Midi Compatt c/w TQi2 Digiquartz/Inclinometer End Cap
- Sonardyne 6G Lodestar GyroCompatt
- Sonardyne 6G AMT c/w DQ Sensor (Lithium Battery Only)
- Sonardyne 6G AMT Dunker (70m Cable and Transducer)
- Sonardyne 6G ROVNAV System
- Sonardyne 6G ROVNAV Dunker 6 System
- Sonardyne 6G ROVNAV 100m Cable Drum
- Sonardyne 6G iWand Tester
- Sonardyne Data Fusion Engine c/w Fusion LBL Software & Dongles
- Sonardyne Fusion LBL Software & Dongles
- Sonardyne NCU
- Seatronics Rack Mount LBL PC (2U Core i3, 4G RAM, 120G Solid State Hard Drive, 6 x Serial Ports)
- Sonardyne Mk5 Compatt c/w RTP Strain Gauge & Release End Cap
- Sonardyne Mk5 Compatt c/w TPS Strain Gauge & SV End Cap
- Sonardyne Mk5 Compatt c/w RTQ Digiquartz and Release End Cap
- Sonardyne Mk5 Compatt c/w TQi2 Digiquartz/Inclinometer End Cap
- Sonardyne Mk5 Midi Compatt c/w TQi2 Digiquartz/Inclinometer End Cap
- Sonardyne Mk5 Lodestar GyroCompatt



- Sonardyne Mk5 RovNav MF c/w Transducer
- Sonardyne Mk5 RovNav MF Transducer
- Sonardyne Mk5 RovNav Transducer Cable on Reel (200m)
- Sonardyne Compatt Floatation Collar
- Sonardyne 8063 Deck Test Unit
- Sonardyne PDA Back Deck Tester
- Sonardyne SPRINT INS (3000m) System (Components Listed Below)
- Subsea Lodestar 3000m (8084-3110), AAINS Firmware, Lodestar Control Hub, Nav PC c/w SPRINT Software

## 20. Magnetomètres et Gradiomètres

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- Marine Magnetics Explorer Pro Magnetometer System (800m) c/w 50m Cable
- Marine Magnetics SeaQuest Horizontal Gradiometer (300m) c/w 50m Cable, Float and GPS
- Marine Magnetics SeaSPY (300m)
- Marine Magnetics SeaSPY (1000m)
- Marine Magnetics SeaSPY (3000m)
- Marine Magnetics SeaSPY Sidescan Integration Cable
- Marine Magnetics SeaSPY Magnetometer Soft Tow Cable 100m
- Marine Magnetics SeaSPY Magnetometer Soft Tow Cable 200m
- Marine Magnetics SeaSPY 2 (1000m)
- Marine Magnetics SeaSPY 2 Magnetometer Soft Tow Cable 300m
- Marine Magnetics SeaSPY 2 Gradiometer (Horizontal or Longitudinal) (1000m)
- Marine Magnetics SeaSPY 2 Sidescan Integration Cable
- SubSurface Instruments MUL-1 c/w 200m Cable

## 21. Systemes Multifaisceaux

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- BlueView BV5000 Mechanical Subsea Line Scanner (1350 or 2250 MHz)
- BlueView BV5000 Metrology System Package (Components Listed Below)
- MB1350 or 2250, PT Unit, Cable, Tripod, Mux, Octans, miniSVS, miniIPS, PC, Leica, I/O Spy
- Leica Geosystems Cyclone Model 7.0 Software Package
- Blueview Lightweight Tripod Frame
- Blueview Offshore Tripod Frame
- ROS PT10 / PT25 Pan & Tilt Unit
- BlueView MB1350-45 3D Micro Bathy (300m)
- BlueView MB2250-45 3D Micro Bathy (300m)
- BlueView M900-130 2D Realtime Imaging Sonar (1000m)
- BlueView P450-130 2D Realtime Imaging Sonar (1000m)
- BlueView P450-130-D 2D Realtime Imaging Sonar (4000m)
- BlueView P900-130 2D Realtime Imaging Sonar (1000m)



- BlueView DP900-90 2D Realtime Imaging Sonar (4000m)
- Blueview P900-130-D 2D Realtime Imaging Sonar (4000m)
- Blueview P900-2250-45 2D Dual Frequency Realtime Imaging Sonar (900kHz/2.25MHz)(1000m)
- Coda Octopus Echoscope System, Single Frequency 375kHz, 3000m Rated c/w 15m Deck Cable
- Coda Octopus Echoscope System, Dual Frequency 375/700kHz, 600m Rated c/w 15m Deck Cable
- Coda Octopus Echoscope System, Dual Frequency 375/700kHz, 3000m Rated c/w 15m Deck Cable
- Coda Octopus Echoscope Deck Cable (50m)
- Coda Octopus Echoscope Deck Cable (75m)
- Coda Octopus Echoscope PC (Core i7 6 Core Tower PC, MRI Card, 19" TFT Monitor)
- OceanTools PT330 Pan & Tilt Unit for Coda Octopus Echoscope
- SIDUS SS251 Heavy Duty Stainless Steel Pan & Tilt Unit for Coda Octopus Echoscope
- Edgetech 4600 Bathymetry and Sidescan Sonar System (540kHz) c/w Integrated SV Sensor and Hypack/Hysweep Software
- GeoAcoustics GeoSwath Plus 125/250kHz c/w Altimeter
- GeoAcoustics GeoSwath Post Processing Software
- GeoAcoustics Overside Mounting Pole
- Kongsberg M3 Real Time Profiling and Sonar Multibeam 500kHz (4000m rated)
- QPS Qinsy Data Acquisition/Processing Package c/w Hardware
- R2 Sonic 2020 Multibeam 200-400kHz (100m)
- R2 Sonic 2024 Multibeam 200-400kHz c/w Snippets (100m)
- R2 Sonic 2024 Multibeam 200-400kHz c/w Snippets (3000m)
- R2 Sonic 2024 Ultra High Resolution (UHR) Multibeam 200-700kHz c/w Snippets (3000m)
- R2 Sonic 2024 Switchable Forward Looking Sonar Option
- Reson 7101ER Seabat 240kHz 500m Range (1500m)
- Reson 7111 Seabat 100kHz, 1000m range
- Reson 7125 ROV2 Seabat 400kHz, 200m range (6000m) (FP3 Base)
- Reson 7125 ROV2 Seabat 400kHz, 200m range (6000m) c/w FlexMode (FP3 Base)
- Reson 7125 ROV2 Seabat Dual Frequency 200/400kHz, 500m range (6000m) (FP3 Base)
- Reson 7125 ROV2 Seabat Dual Frequency 200/400kHz, 500m range (6000m) c/w FlexMode (FP3 Base)
- Reson 7128 Imaging Sonar 200/400kHz (6000m)
- Reson 8101ER Seabat 240kHz, 500m range c/w Sidescan/Snippets (1500m)
- Reson 8125 Seabat 455kHz, 125m Range (1500m)
- Reson 8125-H Seabat 455kHz, 125m range (1500m) (FP3 Base)
- Reson 8125-H Seabat 455kHz, 125m range (1500m) c/w FlexMode (FP3 Base)
- Reson 8160 SeaBat 50kHz, 3000m range
- Reson 9001 SeaBat 455kHz, 200m range (350/500/700m)
- Reson PDS2000 Survey and Office Software
- Sound Metrics Corp. Didson 1.8MHz Multibeam Sonar (3000m)



- RTS PPS Distribution Panel
- Teledyne Odom MB1 Multibeam EchoSounder c/w 15m Cable (100m)
- Tritech Gemini 720i Sonar (300m)
- Tritech Gemini 720id Sonar (4000m)

## 22. Multiplexeurs

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- Kongsberg 6 Port ROV/Power Telemetry Interface (RS485 to Ethernet)
- MacArtney NEXUS MkI FO Mux (SM or MM)
- RTS BatCom 1 (Dual Reson 7xxx Series) Mux
- RTS/SeaTronics Gen 5 Mux (Dual 7125/8125, ethernet, 8 x RS232, 2 x RS485, PPS)
- SeaTronics DTS 6000D 8 Channel Serial Mux
- SeaTronics DTS Fibre Ethernet Mux System
- Tritech Multicomm ROV Interface

## 23. NDT

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- BIRNS Blackburn MPI System
- Bowtech Leak Detection System (Monochrome Camera and Green LED Lamp)
- Buckleys Bathycorrometer
- Contros Mobile Leak Detection System (MLDS) \*\*\*Contros Engineer Required\*\*\*
- Cygnus 1 Diver Thickness Gauge
- Cygnus 1 ROV Thickness Gauge (1000/3000m)
- Cygnus W1 Probe Handler
- Kongsberg OE-2800 Fluorescein Leak Detection System (Camera + 2 x Lamps)
- OceanTools OceanSense
- Polatrak CP Gun Diver CP Probe
- RTS ROV CP System
- SeaTronics SeaPROBE Diver CP System c/w 200m Umbilical
- SeaTronics SeaDTEC ROV FMD System
- SeaTronics SeaDTEC Diver FMD System
- Tritex Multigauge 3000 Diver Thickness Gauge

## 24. Recherche de câbles et de canalisations

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- Teledyne TSS 440 Pipe Tracker
- Teledyne TSS 440 Pipe Tracker (2013 SDC 10 Topside)
- Teledyne TSS 350 Cable Tracker
- Teledyne TSS 440 Dual Track Pipe/Cable Tracker
- Teledyne TSS 440 Dual Track Pipe/Cable Tracker (2013 SDC 10 Topside)



- Teledyne TSS 5915 Tone Generator

## 25. ROV

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- VideoRay Pro 3 XE GTO
- Seatronics Predator Specific Rates Structure
- Seatronics Predator ROV c/w Tritech Micron Altimeter, Colour Camera, Lamps, 300m Cable and Spares
- Seatronics Predator ROV Extensive Operational Spares Package
- SeeByte Co Pilot Software for Predator ROV c/w Explorer DVL and Blueview Sonar

## 26. Outillage pour ROV

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### 26.1. Camera Booms

- Hydrolek HLK4600 Camera Booms (Pair) 3 Function Boom with Camera Tilt
- Hydrolek HLK4600PT Camera Booms (Pair) 4 Function Boom with Camera Pan & Tilt
- Hydrolek HLK4600 PT upgrade kit, allows customer to convert 3 function booms to 4 function PT versions c/w PT units, brackets and hoses
- Hydrolek HLK46000 Camera booms (Pair) 4 Function Boom with mini Camera Pan & Tilt
- Kyst Design Camera Booms (Pair)

### 26.2. Broses de nettoyage

- J2 Engineering General Purpose Cleaning Brush c/w Wire and Nylon Brushes
- J2 Engineering 12.5" Nylon Multi Purpose Cleaning Brush

### 26.3. Cutters

#### 26.3.1. Steel wire rope anvil style

- Webtool WCOS38D Hydraulic Cutter (10,000psi)
- Webtool WCOS38DLP Hydraulic Cutter (3000psi)
- Webtool RCO40LP hydraulic cutter (3000psi)
- Webtool RCO54 Hydraulic Cutter (10,000psi)
- Webtool WC75D Hydraulic Cutter (10,000psi)
- Webtool WCS75HDZ Hydraulic Cutter (10,000psi)
- Webtool RCV115 Hydraulic Cutter (10,000psi)
- Webtool RCV135 Hydraulic Cutter (10,000psi)
- Webtool RCV155 Hydraulic Cutter (10,000psi)
- Hydrolek HLK33900 38mm Cutter c/w Built In 4:1 Intensifier Module

#### 26.3.2. Softline / umbilical anvil style

- Webtool SL54 Soft Line Cutter (3000psi)
- Webtool SL55 Soft Line Cutter (3000psi)
- Webtool SL80 Soft line cutter (10000psi)
- Webtool SL135 Soft line cutter (10000psi)
- Webtool HCV100 Umbilical Cutter (10000psi)





- Webtool HCV270 Umbilical Cutter (10000psi)

#### **26.3.3. Rotary style**

- Hydrolek HLK33600 4" Rotary Cutter c/w 5 x Spare Cutting Discs
- Hydrolek HLK33625 6" Rotary Cutter c/w 5 x Spare Cutting Discs

#### **26.3.4. Secateur style**

- J2 Engineering S180 Secateurs (10000PSI)

#### **26.4. Dirty work packs**

- J2 Engineering fixed displacement DWP, complete unit C/W valving, filters and DCV, o/p 100LPM @ 210Bar

#### **26.5. Gasket change out and hub cleaning tools**

- J2 Engineering 16.75" and 18.75" Gasket Change Out Tool
- Fugro-improv 18.75" gasket change out tool
- Fugro-improv 18.75" hub cleaning tool

#### **26.6. Grinders**

- Stanley GR29 Grinder C/W Cutting & Grinding Discs, Wire & Nylon Brushes, 9" Diamond Cutting Disc

#### **26.7. Hydraulic power units topside**

- 11KW C/W 4 station DCV manifold and hoses
- 22KW C/W 2 station DCV manifold, high flow pressure and return line and hoses

#### **26.8. Hydraulic pan and tilts**

- Hydrolek HLK2150 pan and tilt
- Hydrolek HLK2200 rotary actuator
- Trittech PT3636-C Pan & Tilt

#### **26.9. Impact wrenches**

- Stanley IW12 Impact Wrench System (Sockets to be Purchased Separately)

#### **26.10. Intensifier panels**

- J2 Engineering Intensifier Panel 4:1 Intensifier Ratio, max o/p 10,000psi

#### **26.11. Latch tools**

- DTS Regan GL-4 latch release tool

#### **26.12. Linear override tools**

- Fugro-Improv LVOT type A or B interface C/W built in pressure intensifier

#### **26.13. Manipulators and accessories**

- Fathom Atlas Control IVP, 8 x NG3 Valves
- Schilling Atlas 7 Function Manipulator
- Schilling Atlas 7 Function Manipulator c/w Fathom Atlas IVP Control System
- Schilling Atlas 7 Function Manipulator Spares Kit
- Schilling Rigmaster Grabber
- Schilling Rigmaster Grabber Spares Kit
- Schilling T4 Manipulator (7 Function)
- Schilling T4 Manipulator Spares Kit



- Schilling T4 / Conan / Orion master controller
- Schilling T4 Wrist Camera Kit
- Schilling T3/4 / Orion parallel jaw set
- Whittaker M5 5 Function Grabber
- Whittaker M5 Grabber Spares Kit
- Hydrolek HD5 manipulator
- Hydrolek 32 channel telemetry system to suit HD5 manipulator
- Hydrolek 5way valvepack to suit HD5 manipulator
- Hydrolek powerpack 440V to suit HD5 manipulator

#### **26.14. ROV work baskets**

- ROV Work Basket

#### **26.15. ROV skids**

- J2 Engineering Survey Skid c/w Retractable Pipetracker Mounting Frame and 1000m Rated Buoyancy
- J2 Engineering multipurpose skid, can be configured to suit customer requirements

#### **26.16. Suction anchor pumps**

- Tritech Anchor Zip 10 Heavy Duty Suction Anchor Pump

#### **26.17. Survey wheels**

- J2 Engineering Survey Boggie Wheel Set (suitable for up to 56" OD Pipe)
- Kyst Design Boggi Wheel Set
- Kyst Design Boggi Wheel Set Spares Package

#### **26.18. Tooling manifolds**

- J2 Engineering 3 Stage Directional Control Tooling Manifold rated for 30lpm @ 3000psi
- J2 Engineering 3 Stage Directional Control Tooling Manifold rated for 30lpm @ 5000psi

#### **26.19. Torque tools and accessories**

- DTS clutch tool paddle interface 40-100NM, manipulator operated
- DTS clutch tool paddle interface 80-200NM, manipulator operated
- Fathom Torque Tool Controller System, 1 x NG6 and 4 x NG3 Valves
- Fugro-Improv 17D surface analyser
- Fugro-Improv 17H high torque tool
- Fugro-Improv 17H low torque surface analyser
- Fugro-Improv 17H low torque tool
- Fugro-Improv 17H medium / high torque surface analyser
- Fugro-Improv 17H medium torque tool
- Fugro-Improv Heavy duty 17D FLOT
- Fugro-Improv Improviser 17D Class 1-4 torque tool
- J2 Engineering Class 1/2 manip operated torque tool
- J2 Engineering Class 3 manip operated torque tool
- J2 Engineering Class 4 manip operated torque tool



- Oceanworks Tornado TRO Torque Tool, API17D Class 1-4 c/w Topside Analyser and Spares Kit
- Zetechtics Jupiter 2 Dual TTCS c/w Laptop PC
- Zetechtics Jupiter 2 TTCS Unit c/w Laptop PC
- Zetechtics Jupiter 2 SCS Unit c/w Laptop
- Zetechtics Jupiter 2 Spares Package
- Zetechtics Jupiter High Flow VP

#### 26.20. Water jettors

- J2 Engineering Dynaset HPW 520 Jetting System
- J2 Engineering Hypro Low Pressure Jetting System
- J2 Engineering Neron HPP400 - 1.75 Jetting System
- Hydrolek HLK31020 440V or 660V jetting unit
- RTS Dynaset HPW520 High Pressure ROV Pump

#### 26.21. Zip pumps

- Trittech Merlin Combined Jetting & Excavation System c/w Suction/Discharge and Jetting Hoses
- Trittech Super Zipjet c/w Suction/Discharge and Jetting Hoses
- Trittech Ultra Zipjet c/w Suction/Discharge and Jetting Hoses

#### 26.22. Misc

- J2 Engineering Fluid Injection System, 30lpm @ 5000psi o/p
- Oceaneering DTS ROV Tooling Equipment

## 27. Positionnement satellitaire & GPS

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- Applanix POS MV 320E Mk4 RTK Positioning System
- Coda Octopus F180+ with RTK Option
- Coda Octopus F180+ Pre Cal Bracket
- Hemisphere GPS VS110 (Dual Antenna System)
- Kongsberg Seatex Seapath 200 c/w MRU-5
- RTS PPS Distribution Panel
- Trimble 5700 GPS Base Station
- Trimble 5700 GPS Mobile
- Trimble MS750 GPS Base Station
- Trimble MS750 GPS Mobile
- Trimble MS860

## 28. Sonars d'Imagerie

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- BlueView BV5000 Mechanical Subsea Line Scanner (1350 or 2250 MHz)
- BlueView BV5000 Metrology System Package (Components Listed Below)
- MB1350 or 2250, PT Unit, Cable, Tripod, Mux, Octans, miniSVS, miniIPS, PC, Leica, I/O Spy
- Leica Geosystems Cyclone Model 7.0 Software Package



- Blueview Lightweight Tripod Frame
- Blueview Offshore Tripod Frame
- ROS PT10 / PT25 Pan & Tilt Unit
- BlueView MB1350-45 3D Micro Bathy (300m)
- BlueView MB2250-45 3D Micro Bathy (300m)
- Kongsberg MS1071 Domed Sonar Head c/w Software
- Kongsberg MS1071 Hi Res Fan Cone Profiling Sonar Head c/w Software
- Kongsberg MS1071 High Res Sonar Head c/w Software
- Kongsberg MS1000 Tripod Deployment Frame
- Scanning Sonar Umbilical Cable 200m
- Trittech Seanet SCU Processor
- Trittech Super SeaKing DFS/DST Sonar Head

## 29. Sonars Latéraux

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- Edgetech 4125 Digital Sidescan System (400/900kHz) c/w 300m Soft Tow Cable
- Edgetech FS4200 Digital Sidescan System (120/410kHz)
- Edgetech FS4200 Digital Sidescan Towfish (120/410kHz)
- Edgetech FS4200 Digital Sidescan System (300/600kHz)
- Edgetech FS4200 Digital Sidescan Towfish (300/600kHz)
- Edgetech 4600 Bathymetry and Sidescan Sonar System (540kHz) c/w Integrated SV Sensor and Hypack/Hysweep Software
- Edgetech DSS2000 Towed Combined SSS/SBP (110/410kHz and 2-16kHz)
- Edgetech DSS2000 ROV Combined SSS/SBP (110/410kHz and 2-16kHz)
- Edgetech DSS2000 ROV Combined SSS/SBP (230/540kHz and 2-16kHz)
- Edgetech DSS2000 ROV SSS (110/410kHz)
- Edgetech DSS2000 ROV SSS (230/540kHz)
- Edgetech Full Spectrum 2400 Series on TV-D Towfish (StarMux) (110/410kHz and 2-16kHz)
- Edgetech Full Spectrum 2400 Series ROV Mount (SM, MM, StarMux or Ethernet) (110/410kHz and 2-16kHz)
- GeoAcoustics 160D Sidescan System SS981/159D (1000m)
- GeoAcoustics 159D Sidescan Towfish (1000m)
- GeoAcoustics 159D Sidescan Towfish (2000m)
- Sidescan Soft Tow Cable 50m
- Sidescan Soft Tow Cable 100m
- Sidescan Soft Tow Cable 200m
- Trittech SeaKing 325kHz Sidescan Sonar c/w Seanet SCU

## 30. Profileurs Sous-Marins

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- Applied Acoustics AA200 Surface Tow Boomer System
- Applied Acoustics 8 Element Hydrophone
- Applied Acoustics Squid 500 Sparker
- Applied Acoustics Squid 2000 Sparker
- Edgetech DSS2000 Towed Combined SSS/SBP (110/410kHz and 2-16kHz)
- Edgetech DSS2000 ROV Combined SSS/SBP (110/410kHz and 2-16kHz)
- Edgetech DSS2000 ROV Combined SSS/SBP (230/540kHz and 2-16kHz)
- Edgetech DSS2000 ROV SBP (2-16kHz)
- Edgetech Full Spectrum 2400 Series on TV-D Towfish (StarMux) (110/410kHz and 2-16kHz)
- Edgetech Full Spectrum 2400 Series ROV Mount (SM, MM, StarMux or Ethernet) (110/410kHz and 2-16kHz)
- Edgetech 3200 SBP System (Type 216 Towfish)
- GeoAcoustics GeoPulse Cat Mount SBP
- GeoAcoustics GeoPulse Towfish Mount SBP
- GeoAcoustics GeoPulse Over Side Mount SBP (no pole)
- GeoAcoustics Overside Mounting Pole
- Innomar SES96 SBP System c/w 20m Cable

## 31. Surveillance des Marées et des Vagues

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- Datawell 90cm Waverider Mk3
- Datawell 90cm Waverider Mk3 c/w Orbcomm Hardware (Orbcomm Service Customer Supplied)
- Datawell Rx-C Tunable HF Receiver c/w Antenna
- Datawell Rx-D HF Receiver c/w Antenna
- Moorings for Datawell Waverider Buoy
- Valeport 740 Tide Gauge
- Valeport 740 Tide Gauge c/w UHF Telemetry
- Valeport TideMaster c/w 1 Bar Transducer
- Valeport miniTIDE Self Recording Tide Gauge (500m)
- Valeport MIDAS WLR Self Recording Tide Gauge (100/200/300m)
- Valeport VRS20 Radar Level Sensor c/w GPRS Telemetry

## 32. Systèmes USBL

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- Applied Acoustics AAE919 Mini Transponder (1000m)
- Applied Acoustics AAE1019 Mini Transponder (1500m)
- Applied Acoustics AAE1035 Mini Transponder (4000m)
- Applied Acoustics AAE1082 Smart Charger
- Ixsea GAPS USBL System



- Ixsea GAPS NG USBL System
- Ixsea GAPS NG USBL System (Full Transponder Compatibility)
- Ixsea MT832 Transponder (3000m)
- At 1 transmission per 3 seconds the battery pack will last for approx. 8 hours
- Ixsea MT912S Transponder (1000m)
- Kongsberg HiPAP 350 Portable USBL System
- Kongsberg MPT 319 DTR Transponder
- Kongsberg SPT 319 Transponder
- Kongsberg SPT 319R Transponder
- Kongsberg Flotation Collar (MPT/SPT)
- Kongsberg MST319 Mini Transponder
- Kongsberg MST324 Mini Transponder
- Kongsberg MST342 Mini Transponder
- Kongsberg MST Battery Charger
- Kongsberg Mini Transponder Float Collar
- Kongsberg TTC 400 c/w Deck Transducer
- Kongsberg TTC 400 c/w Dunking Transducer
- Sonardyne Scout Plus USBL c/w 8024 Transceiver
- Sonardyne Ranger Pro USBL c/w 8021 Transceiver
- Sonardyne Ranger 2 Pro USBL System c/w 8021 Transceiver
- Sonardyne Ranger 2 Pro GyroUSBL HPT5000 Portable System
- Sonardyne 7973 Omni Directional Mini Transponder (1000m)
- Sonardyne 8071 WSM Omni Directional Mini Transponder (1000m)
- Sonardyne WSM6 Omni Directional Mini Transponder (1000m)
- Sonardyne 7970 Directional Mini Transponder (3000m)
- Sonardyne 8070 WSM Directional Mini Transponder (4000m)
- Sonardyne WSM6 Directional Mini Transponder (4000m)
- Sonardyne Mini Transponder Battery Charger
- Sonardyne HF 7815 OBC Mini Transponder

## 33. Equipement Vidéo

### 33.1. Cameras

- Bowtech Surveyor Colour Zoom Camera
- Bowtech Surveyor HD-HDSI Camera
- Bowtech Explorer Near SIT Low Light Monochrome Camera
- Imenco SDS1210 12MP Digital Stills Camera
- Imenco Tiger Shark 14MP Digital Stills Camera
- Imenco Tiger Shark External Flash



- Insite Pacific Pegasus Colour Zoom Camera
- Kongsberg OE-1324 Monochrome SIT Camera
- Kongsberg OE14-110 Colour Mini Camera
- Kongsberg OE14-208 5MP Digital Stills Camera c/w OE11-242 Flash Gun & Download Box/Cable
- Kongsberg OE14-366 Colour Zoom Camera
- Kongsberg OE15-100a Monochrome Near SIT Low Light Camera
- Kongsberg OE15-108 Monochrome Mini Camera
- Kongsberg OE-2800 Fluorescein Leak Detection System (Camera + 2 x Lamps)
- Trittech SeaspY Colour Camera c/w Internal LED Lamp Ring (3000m)
- Trittech Super SeaSpy Colour Camera c/w Internal LED Lamp Ring (4000m)
- Trittech Typhoon VMS

### **33.2. Video Capture and Recording**

- Datavideo DN-300 Hard Disk Recorder
- DVD Recorder
- Imenco SDS1210 12MP Digital Stills Camera
- Imenco Tiger Shark 14MP Digital Stills Camera
- Kongsberg OE14-208 5MP Digital Stills Camera c/w OE11-242 Flash Gun & Download Box/Cable
- Seatronics DTS 6000V Topside (PC, Digiboard, I/O Spy Software, HV PSU, 2 x TFT Monitor)
- Seatronics DTS 6000V Subsea Bottle c/w Cabling
- Seatronics DTS 6000V Video/Data Telemetry System

### **33.3. Controllers and Mounting**

- Drop Camera Umbilical Cable 100m
- Drop Camera Umbilical Cable 200m
- Kongsberg OE-1234 Camera Controller
- ROS PT10 / PT25 Pan & Tilt Unit
- ROS R25FB Camera Rotator
- Seatronics Camera/Lamp Control & Download Unit
- Seatronics Box Deployment Frame
- Seatronics Skid Camera Frame

### **33.4. Drop Camera Systems**

- Seatronics DTS 6000V Topside (PC, Digiboard, I/O Spy Software, HV PSU, 2 x TFT Monitor)
- Seatronics DTS 6000V Subsea Bottle c/w Cabling
- Seatronics DTS 6000V Video/Data Telemetry System
- Seatronics Digital Stills Drop Camera System (Components Listed Below)
- OE14-208, Flash, Topside, 4 x Lamps, Frame, 200m Cable, Monitor, DVD Recorder, Laptop
- Seatronics Colour Zoom Drop Camera System (Components Listed Below)
- OE14-366, Topside, 4 x Lamps, Frame, 200m Cable, Monitor, DVD Recorder, Laptop
- Seatronics Box Deployment Frame



- Seatronics Skid Camera Frame
- Seatronics Camera/Lamp Control & Download Unit
- Drop Camera Umbilical Cable 100m
- Drop Camera Umbilical Cable 200m
- Kongsberg OE14-208 5MP Digital Stills Camera c/w OE11-242 Flash Gun & Download Box/Cable
- Kongsberg OE14-366 Colour Zoom Camera
- Seatronics SeaLED Lamp Mk2
- Seatronics SeaLED Lamp Mk3

### 33.5. Lighting

- Seatronics SeaLED Lamp Mk2
- Seatronics SeaLED Lamp Mk3
- Trittech Seaspay Colour Camera c/w Internal LED Lamp Ring (3000m)
- Trittech Super SeaSpy Colour Camera c/w Internal LED Lamp Ring (4000m)

### 33.6. Video Overlays

- OceanTools VO-5
- OceanTools VO-5 c/w Analogue Channel
- Taylor Lann 307 Video Overlay

### 33.7. Video Telemetry

- RTS VideoLink 2.0/2.2GHz
- Seatronics SeaMesh Node
- Seatronics SeaVision (1394MHz or 2.2GHz)
- Seatronics SeaVision II (1394MHz, 2.2GHz or 5GHz)
- Seatronics SeaVision II (1394MHz, 2.2GHz or 5GHz) c/w Integrated Video Monitor

## 34. Systèmes de Manutention et Treuils

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- 3 Phase Electric Winch (600m Capacity)
- 3 Phase Electric Winch (1000m Capacity)
- 3 Phase Electric Winch Dual Speed (3000m Capacity)
- Hytek Cable Counting System