



Oceaneering International Services Ltd

**ROV SERVICES
RATE SCHEDULE
UK & EUROPE**

EASTERN HEADQUARTERS

ABERDEEN, UNITED KINGDOM

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REMOTELY OPERATED VEHICLES

HYDRA[®] MAGNUM SYSTEM (RATED TO 2,500 METERS / 8,250 FEET)

Oceaneering's **HYDRA[®] MAGNUM** is a high thrust, high payload work vehicle designed for medium to heavy work tasks in water depths up to 8,250 feet. This vehicle system is available in a 75 and 100 horsepower configuration, both of which are deployed from a side entry cage with a 600-foot flying tether. Bolt-on work packages can be attached to supplement the 7-function manipulators on the vehicle. The **HYDRA[®] MAGNUM** performs a full range of drilling and construction support work tasks and can be outfitted for precision inspection work. The **HYDRA[®] MAGNUM** has an extensive track record of high reliability and deep-water performance and is capable of working in the most extreme offshore conditions.

Standard Package:

- **HYDRA[®] MAGNUM**, 75/100 horsepower WROV
- Rated to 8,250 FSW
- Deck winch with 10,000 feet fiber optic, armored umbilical
- Hydraulically controlled A-frame with 48" head sheave
- Subsea deployment cage with lighting and video (side entry with maximum 600 foot tether)
- Super VHS recorders and monitors
- Digital video display software with "Picture in Picture" video
- Dynair, 10 x 10 video switching system
- Fiber optic video and data transmission
- High resolution, Super VHS, color CCD camera
- Black & white ultra low light SIT camera
- Aft facing, black & white, CCD camera
- Manipulator mounted, black & white, CCD camera
- Simrad/Mesotech MS 900 high resolution scanning sonar
- Simrad/Mesotech Altimeter
- KVH Gyro (with Dinsmore magnetic heading sensor back-up)
- Paroscientific "Digiquartz" precision depth sensor (with Omega strain gauge back-up)
- Auto depth/auto heading/auto altitude with full-time bathymetry display
- 2 x 7-function "CONAN" manipulators
- Hydraulic cutter for wire rope (up to 1.25" diameter)
- Hydraulic cutter for fibre rope (up to 1" diameter)
- Stanley TPO-3 dredge/jet pump
- Ring gasket replacement tooling
- Hydraulic rotary grinder/cutter/buffer
- Control van (Aluminum 14' x 8' x 8')
- Maintenance van (Aluminum 16" x 8' x 8')
- Complete inventory of system spares including tether
- Mechanical and electronics tools and test equipment
- 25 kvA Mini Motor Generator set

Total day rate for standard **HYDRA[®] MAGNUM** package **£ 2,330.00***

**Day rate is inclusive of tethers and maintenance items for normal operations.*

HYDRA® MILLENNIUM SYSTEM (RATED TO 3,000 METERS / 10,000 FEET)

Oceaneering's **MILLENNIUM** ROV system is a high thrust; high payload work vehicle designed for heavy duty underwater work tasks. Retaining the same manipulator configuration as the Oceaneering **HYDRA® MAGNUM** series ROV, the **MILLENNIUM** delivers one hundred fifty (150) HP on the vehicle by utilizing two, 75 horsepower HPU's. The **MILLENNIUM** is configured for working in depths up to 10,000 feet of water and performs a full range of underwater drilling, production, construction, salvage, and inspection work tasks.

Standard Package:

- **HYDRA® MILLENNIUM**, 150 horsepower ROV
- Rated to 10,000 FSW
- Deck winch with 11,000 feet fiber optic, armored umbilical
- Hydraulically controlled A-frame with 48" head sheave
- Subsea deployment cage with lighting and video (side entry with maximum 600 foot tether)
- Super VHS recorders and monitors
- Digital video display software with "Picture in Picture" video
- Dynair, 10 x 10 video switching system
- Fiber optic video and data transmission
- High resolution, Super VHS, color CCD camera
- Black & white ultra low light SIT camera
- Aft facing, black & white, CCD camera
- Manipulator mounted, black & white, CCD camera
- Simrad/Mesotech MS 900 high resolution scanning sonar
- Simrad/Mesotech Altimeter
- KVH Gyro (with Dinsmore magnetic heading sensor back-up)
- Paroscientific "Digiquartz" depth sensor (with Omega strain gauge back-up)
- Auto depth/auto heading/auto altitude with full-time bathymetry display
- 2 x 7-function "CONAN" manipulators
- Hydraulic cutter for wire rope (up to 1.25" diameter)
- Hydraulic cutter for fibre rope (up to 1" diameter)
- Stanley TPO-3 dredge/jet pump
- Ring gasket replacement tooling
- Hydraulic rotary grinder/cutter/buffer
- Control van (Aluminum 14' x 8' x 8')
- Maintenance van (Aluminum 16" x 8' x 8')
- Complete inventory of system spares including tether
- Mechanical and electronic tools and test equipment
- 25 kvA Mini Motor Generator set

Total day rate for standard **HYDRA® MILLENNIUM** package **£ 2,580.00***

**Day rate is inclusive of tethers and maintenance items for normal operations.*

LABOUR

PERSONNEL FOR 12-HOUR DAY OPERATIONS:

| | <u>12-Hour Day</u> | <u>Overtime Hour *</u> |
|----------------------|--------------------|------------------------|
| (1) Supervisor | £936.00 | £78.00 |
| (1) Pilot Technician | £880.00 | £73.00 |

Additional Personnel for 24-hour day Operations:

| | <u>12-Hour Day</u> | <u>Overtime Hour *</u> |
|----------------------------|--------------------|------------------------|
| (1) Supervisor | £936.00 | £78.00 |
| (1) Electronics Technician | £880.00 | £73.00 |

Third party personnel provided by Oceaneering will be invoiced at **Cost Plus Fifteen Percent (15%)**.

*Overtime rates also apply to the standard crew.

EQUIPMENT

| | <u>DAY RATE</u> |
|---|------------------|
| | £ |
| Photographic: 35mm still camera with strobe for 2000' operation | Cost +15% |
| Film and processing..... | Cost +15% |
| Cathodic protection (Seatronics CP Probe) | 95.00 |
| Ultrasonic test equipment | Price on Request |
| Hydraulic impact wrench (IW12) | 90.00 |
| Grinder / Cutter / Wire Brush (Stanley GR 29)..... | 90.00 |
| AX, VX ring installation tool | Cost +15% |
| Marsten Bentley Pump | 165.00 |
| High Pressure Water Blaster | 165.00 |
| Current Meter (Valeport)..... | 95.00 |
| PH Meter | Price on Request |
| Seabed Sampling Package | Price on Request |
| Pipe tracking..... | Price on Request |
| Leak detection | Price on Request |
| Stereo 35mm | Price on Request |
| GL4 Release Tool..... | 75.00 |

| | <u>DAY RATE</u> |
|--|------------------|
| CAT Pump System | 195.00 |
| Fluid Injection Skid | 440.00 |
| Isolated Hydraulic Package | Price on Request |
| API Torque Tool Class I – IV | 440.00 |
| BOP Override Tool | Price on Request |
| 7 function Schilling T3 Spatially Correspondent Manipulator..... | 580/day |
| 5 function Schilling Rigmaster Manipulator..... | 220/day |

SPECIALIZED TOOLS

Oceaneering has the expertise to develop specialized tools capable of performing a wide range of subsea functions. Within Oceaneering, we have a team of Project Managers, Engineers, and Specialists available to consult with our Clients on new tooling designs or modifications to an existing system for performing work subsea utilizing an Advanced Work System. These consulting services are an integral part of the overall services Oceaneering provides and are available to our Clients to assist with upcoming requirements, which require specialized tooling for subsea functions. These services are provided on a project-to-project basis and rates are available upon request. Unless specifically agreed upon otherwise, these new developments become the sole property of Oceaneering.

The adaptation of existing tools to an inspection or work system will be charged on a cost plus fifteen percent basis or at a lump sum charge agreed upon between Oceaneering and Client.

VIDEO

Videotape editing Price on Request

CONSULTING

ROV Supervisors and Technicians are available for consultations.

Onshore consulting, 8-hour day rate £ 780.00

Onshore consulting, 12-hour day rate £ 936.00

Mob/Demob charges, accommodation, expenses etc would apply POA for any consultation services performed outwith country of domicile.

REPORTS

Reports prepared onshore will be charged as per personnel used, in accordance with the schedule of rates. Binding and outside services will be charged at Cost +15%.

LABOUR – ROV CONSULTANT SERVICES

| | |
|---|--------------------------------|
| | <u>Onshore Day Rate</u> |
| ROV Consultant (Project Man / Co Rep) | £1210.00 |
| ROV Consultant (Data Recorder) | £780.00 |

| | | |
|---------------------------------------|-----------------------------|--|
| | Offshore 12-Hour Day | Offshore Overtime <u>per Hour</u> |
| ROV Consultant (Project Man / Co Rep) | £1335.00 | £111.00 |
| ROV Consultant (Data Recorder) | £1050.00 | £88.00 |