



*SubNet Services Ltd. Is a UK registered company.  
SubNet Services Ltd. Are IMCA Training members*

*SubNet Services Ltd have been accredited UKAS 9001  
for our e-learning, training & recruitment.*

*Don't Wait Contact Us Now to Start your ROV Training Immediately - Today*  
UK Office Only: **+44 (0)1603 813959**  
24hr Worldwide: **+44 (0)845 8692038**

*Remember you can also do your BOSIET Offshore Survival and  
UKOOA Medical with us at a saving while on the ROV Course.*



## ROV1005CFOT Electronics and Fiber Optics for ROV Pilot Technicians



E-mail: [training@subnetservices.com](mailto:training@subnetservices.com)  
**[www.SubnetServices.com](http://www.SubnetServices.com)**

### Electronics and Fiber Optics for ROV Pilot Technicians

This course covers theory and practical hands on bench work and delivers competences relating to ROV Electronics. All delegates doing this course will build and test their very own working ROV model by flying it underwater.

The FOA Accredited and Certificated Fiber Optics Technician module in this course is designed for anyone interested in becoming a Fiber Optics Technician or who needs to understand or use Fiber Technology within their job like ROV Pilot Tech. The certification is recognized world wide to work as a fiber technician.

**[www.SubnetServices.com](http://www.SubnetServices.com)**  
E-mail: [training@subnetservices.com](mailto:training@subnetservices.com)

## Welcome To The Subnet Services Ltd ROV1005CFOT - Electronics and Fiber Optics for ROV Pilot Technicians

This course covers theory and practical hands on bench work and delivers competences relating to ROV Electronics all delegates doing this course will build and test their very own working ROV model.

### COMPETENCY TASK BASED TRAINING & ASSESSMENT

#### Target

This course covers theory and practical hands on bench work and delivers competences relating to ROV Electronics. All delegates doing this course will build and test their very own working ROV model by flying it underwater.

The FOA Accredited and Certificated Fiber Optics Technician module in this course is designed for anyone interested in becoming a Fiber Optics Technician or who needs to understand or use Fiber Technology within their job like ROV Pilot Tech. The certification is recognized world wide to work as a fiber technician.



### SNR1005 - Electronics for ROV Pilot Technicians Module Content

Competence	Knowledge	Ability
Electronics for ROV Pilot Technicians SN/R04/000	<ul style="list-style-type: none"> <li>• Knowledge of basic electronic principles</li> <li>• Knowledge of ROV electronics systems layout</li> <li>• Knowledge of use of electronic measuring instruments like multimeters, oscilloscopes, signal generators, etc.</li> <li>• Knowledge of and familiarity with thruster controls, video systems, lighting systems, navigation systems, etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Ability to identify all electronic components in a typical ROV and describe their functions</li> <li>• Ability to read electronic schematics</li> <li>• Ability to solder</li> <li>• Ability to test electronic boards and replace them.</li> </ul>

### TEL2001 - CFOT - Certified Fiber Optics Technician Module Content

Competence	Knowledge	Ability
CFOT Certified Fiber Optics Technician TEL2001 Examination and CFOT Certification	<ul style="list-style-type: none"> <li>• Knowledge of fibre optic principles</li> <li>• Knowledge of use of OTDR for cable fault diagnosis</li> <li>• Knowledge and use of equipment for Mechanical Splicing</li> <li>• Knowledge and use of equipment for Fusion Splicing</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the history and operation of Fiber Optics</li> <li>• Ability to test fibre optic cables for faults</li> <li>• Ability to isolate the fibre optic cable from the umbilical</li> <li>• Ability to prepare, splice and terminate fibre optic cables</li> <li>• Terminate a variety of connectors</li> <li>• Perform Fusion Splicing and Mechanical Splicing</li> <li>• Perform cable preparation for Fusion and Mechanical Splicing</li> <li>• Assemble a Splice enclosure</li> <li>• Fully test and troubleshoot Fiber Optic cables and Fiber Optic Systems using an Optical Time Domain Reflectometer (OTDR).</li> </ul>