

Broad Oak Prototype Rapid Response Capability

A trusted partner

Maritime Services provides manufacturing and through-life support services of highly complex electronic integrated systems, sub-systems and modules for high integrity applications.

Machine shop

CNC machines

All offer tolerances of +/- 0.012 mm.

- 1 off Leadwell MCV-760CR Vertical Machining Centre
10000 RPM
Sizes 760 X 510 X 640 mm (XYZ)
1 off rotary axis (diameter 10 inches)
fanuc controls
- 1 off Deckel FP4NC (dual vertical / horizontal ram machine)
2500 RPM
Sizes 500 X 400 X 400 mm (XYZ)
Rotary axis 500 mm
- 1 off Hurco KMB1 Vertical Machining Centre
3500 RPM
Sizes 780 X 350 X 150 mm (XYZ)
Ultimax 3 control.

Jig boring

- 1 off Hauser 3BA.

Conventional machining

- 1 off Bridgeport Mill
4600 RPM.



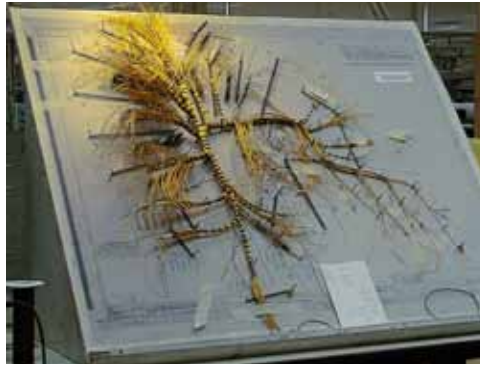
Lathe

- 1 off Hardinge HLVH
3000 RPM
6 inch capacity.

CMM Mechanical inspection

- Ferranti Merlin
Size 750 X 750 X 500
- Controlled by Virtual DMIS Software
 - Waveguide repair capability
 - Semi-rigid capability
 - Tooling design, jigs and fixtures capability.





PEC facility

- Hand assembly of both conventional and surface mount
- Component preforming
- Screen printing of solder/epoxies
- Condensation vapour phase reflow (suitable for lead free soldering) (new vacuum facility available in May 2007)
- Repair/rework facility
- Pinning facility.

Cableform

- Multiple and single wire assemblies
- Harness assemblies
- Co-axial assemblies.

General assemblies

- Prototype unit assembly
- Mechanical assembly with skilled fitters
- Repair/rework facilities.

Welding facility

- Mig capability
- Tig capability.

FOR MORE INFORMATION CONTACT:

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