

Unit 56: Manage BOWMAN Equipment

Unit code: K/502/0133
QCF Level 3: BTEC Specialist
Credit value: 19
Guided learning hours: 120

This unit is restricted access and is for Ministry of Defence only.

Aim and purpose

This unit defines the management of BOWMAN communications systems and is specific to the armed forces.

Learning outcomes and assessment criteria

In order to pass this unit, the evidence that the learner presents for assessment needs to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria determine the standard required to achieve the unit.

On completion of this unit a learner should:

Learning outcomes	Assessment criteria
1 Be able to command a radio detachment	1.1 extract information from a briefing/orders group 1.2 explain how to brief a signals detachment 1.3 conduct a line reconnaissance 1.4 explain how to brief a line party 1.5 control the laying, testing and recovery of line 1.6 explain how to brief a detachment on Health and Safety risks 1.7 control the initialisation of communication equipment 1.8 extract and interpret signals information from policies and procedures 1.9 demonstrate how to control the handover or takeover of a communications detachment 1.10 describe how to control cryptographic equipment and material 1.11 identify health and safety risks
2 Manage BOWMAN and non BOWMAN equipment	2.1 demonstrate how to maintain a sub-unit account of radios and associated equipment 2.2 carry out functional tests on radio equipment 2.3 demonstrate how to perform basic maintenance of communications equipment 2.4 demonstrate how to perform tests and verification on suspect equipment 2.5 locate faults to LRU level
3 Be able to supervise battery charging	3.1 establish DC (Direct Current) battery charging areas 3.2 demonstrate how to maintain battery charging equipment
4 Advise on communication security and electronic warfare matters	4.1 demonstrate how to monitor insecure systems 4.2 demonstrate how to debrief a detachment on security breaches 4.3 advise commanders on communication security matters within the unit 4.4 advise on electronic warfare 4.5 describe Electronic PM, Tactical and Technical 4.6 state electronic warfare procedures

Links to National Occupational Standards, other BTEC units, other BTEC qualifications and other relevant units and qualifications

This unit forms part of the BTEC in IT sector suite. This unit has particular links with:

Level 1	Level 2	Level 3
		Operate BOWMAN Equipment
		Manage BOWMAN Signal Training
		Principles of BOWMAN Digitization
		Supervise BOWMAN Equipment

This unit maps to the Level 3 National Occupational Standards for IT (ProCom).