



**Technical Specification for
HELMET, CEREMONIAL,
HOME SERVICE BAND, BANDSMEN**

Defence Clothing (DC)

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PREFACE

TABLE 1 – PRODUCT LIST

Item Name	HELMET, CEREMONIAL, HOME SERVICE BAND, BANDSMEN	
Development File No		
Product Support File No.	D/DCTA/521/01/QPS	
NATO Stock No.	Size	Pattern No.
8415-99-		
869-3474	53	28531
869-3475	54	
869-3476	55	
869-3477	56	
869-3478	57	
869-3479	58	
869-3480	59	
869-3481	60	
869-3482	61	

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TABLE 2 – ISSUE RECORD

Issue No	Comments	Issue Date
1	New Specification	19 May 2011

PART 1

1. THE PRODUCT

- a. Use of the Product A helmet worn by NCO's (up to WO2) and other ranks Army Bandsmen on ceremonial duties. The size schedule provides 9 sizes.

FIGURE 1



TABLE 3 - RELATED SPECIFICATIONS AND DOCUMENTS

Specification/Document	Detail
BS EN 12590	Textiles Industrial sewing threads made wholly of partially from synthetic fibres
BS 3870 Part 1 Part 2	Stitches and seams Classification and terminology of stitch types Classification and terminology of seam types
UK/SC/2226	Straps, chin chain
UK/SC/5126	Badges, button pins, plates & titles made from GM brass and nickel silver
UK/SC/5516	Cloths, melton, wool, for dress uniforms
UK/SC/5696	Leather, sheep, head leathers

2. PATTERNS

- a. Master Patterns: DC hold a Master Pattern for the product detailed in the specification. Potential contractors may view the Pattern on site, if available, by arrangement with the DC Commercial Department.
- b. Standard Patterns: A Standard Pattern may be obtained from the DC Technical Information Office and may be used to provide the criteria for all materials, components and manufacturing features not fully defined in this specification.

PART 2

3. PRODUCT DESIGN

- a. Product Description A cork helmet covered in dark blue navy melton. To be supplied with metal accoutrements.

TABLE 4 – PRODUCT COMPONENTS

4.1 Shell	<ul style="list-style-type: none"> • Cork, natural • Thickness to be 5 mm to 6 mm thick, as standard pattern
4.2 Outer cover	<ul style="list-style-type: none"> • Dark Navy blue, lightweight melton • Pattern No. 8849J • NSN: 8305-99-869-4380 to specification UK/SC/5516 – added to Table 3
4.3 Crown and brim lining	<ul style="list-style-type: none"> • Dark green, polyester cotton, twill, as standard pattern • Or an alternative approved by DC
4.4 Binding	<ul style="list-style-type: none"> • PVC, Black, 1mm thick, as standard pattern
4.5 Headleather	<ul style="list-style-type: none"> • Leather, Sheep to UK/SC/5696 • 1.3 mm thick (± 0.2mm) • Chrome tanned
4.6 Spike	<ul style="list-style-type: none"> • Hexagonal hollow cast convex sided spike • Overall length 9.8cm • Spike flute length 5.6cm • Threaded spigot 0.6cm x 2.3cm thread length to screw through helmets crown socket fitting, with hexagonal nut to secure • All details are to be as standard pattern • NSN: 8455-99-869-3679 • Pattern No. 28563 to specification UK/SC/5126
4.7 Top cross piece	<ul style="list-style-type: none"> • Tudor Rose at the centre of the cross (with one spike and four vent holes) • Tudor Rose at the end of each arm with a strap hook at the rear most arm • Overall length 11.3cm x over all width 9.5cm • All details are to be as standard pattern • NSN: 8455-99-869-3678 • Pattern No. 28562 to specification UK/SC/5126

TABLE 4 – PRODUCT COMPONENTS continued

4.8 Plate	<ul style="list-style-type: none"> • Front plate with pierced slots east to west to take Corps, divisional insignia • Complete with 3 screws 0.3cm x 1.5cm length, wing nuts and washers • All details are to be as standard pattern • NSN: 8455-99-869-3677 • Pattern No. 28561 to specification UK/SC/5126
4.9 Rosettes	<ul style="list-style-type: none"> • Side Rosettes. Diameter 2.7cm x 1.1cm length, with a Whitworth threaded spigot 1.2cm length on the rear for attachment to the brass socket fittings on the inside of the helmet • Short ring hook for the left hand side of helmet (as worn). Long hook for the right hand side of helmet (as worn) • All details are to be as standard pattern • NSN: 8455-99-869-3680 • Pattern No. 28564 to specification UK/SC/5126
4.10 Chin chain	<ul style="list-style-type: none"> • Strap, chin chain, ceremonial army bandsman • NSN: 8415-99-869-3676 • Pattern No. 28560 to specification UK/SC/2226
4.11 Ventilator	<ul style="list-style-type: none"> • Brass, 3.5cm diameter with bored and threaded 14mm long central boss with washer • To accommodate the spike, helmet, ceremonial, army bandsman • All details are to be as standard pattern • NSN: 8455-99-869-3679 • Pattern No. 28563 to specification UK/SC/5126
4.12 For all purposes	<ul style="list-style-type: none"> • Thread corespun polyester/cotton to BS EN 12590 • Metric Ticket No. 75 for all sewing

TABLE 5 – PRODUCT CONSTRUCTION

5.1 Shell	<ul style="list-style-type: none"> • The cork shell is to be identical shape and dimensions as the standard pattern for that size and proportioned for other sizes • A metal air vent attached to the top of the shell. The spike is to be attached through this point
5.2 Cover and band	<ul style="list-style-type: none"> • The outer covering is to be cut into 4 panels of fabric • For size 57: 2 side panels 13cm wide and 1 front and 1 back panel 18.5cm wide (measured above the band) and proportioned for other sizes • The panels must be placed over the shell and the joins are to be as standard pattern • Symmetrically placed to the centre front and centre back • The joins are to be stitched using seam type 2.02.01 to BS 3870 • The covering is to be adhesively bonded to the shell • A band of melton fabric Pattern No. 8849J, 2cm wide is to be attached by the rosettes and through the shell and plastic attachment strip • It is to be placed all the way around the shell 6cm up from the front peaks bottom edge of the binding and 2cm up from the bottom edge of the side binding
5.3 Headband attachment strip	<ul style="list-style-type: none"> • A polypropylene strip 3cm wide is to be attached around the inside of the shell, under the head leather and is to be stapled in 6 places to attach to the shell
5.4 Brim binding	<ul style="list-style-type: none"> • PVC binding is to be attached all the way around the bottom edge of the shell
5.5 Head leather	<ul style="list-style-type: none"> • The head leather is to be attached by staples through the shell and plastic strip • The leather is to be joined at the back of the helmet • The leather is to be attached so 5.7cm is loose of the plastic strip and turned into the helmet 0.7cm, so 5cm is the effective width

TABLE 5 – PRODUCT CONSTRUCTION continued

5.6 Crown and brim lining	<ul style="list-style-type: none"> The cotton polyester cotton lining is to be adhesively bonded to the shell
5.7 Front Peak	<ul style="list-style-type: none"> The peak is measured 6cm from the head band for a size 57 and proportionate for all other sizes
5.8 Tail	<ul style="list-style-type: none"> The tail is measured 8cm from the head band for a size 57 and proportionate for all other sizes
5.9 Cross plate	<ul style="list-style-type: none"> Is to be fixed centrally on top of the helmet Cross-points to be left to right and back to forward The cross plate is to be fixed onto the shell
5.10 Spike	<ul style="list-style-type: none"> Is to be bolted through the cross plate and shell, centrally
5.11 Plate	<ul style="list-style-type: none"> The plate is to be placed centrally at the front of the helmet. The top of the crown in line with the point of the top plate
5.12 Rosettes	<ul style="list-style-type: none"> The rosettes are to be placed on the right and left hand sides of the shell, centrally on top of the head band

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS

NATO Stock Number	Sizes
8415-99-869-3474	53
8415-99-869-3475	54
8415-99-869-3476	55
8415-99-869-3477	56
8415-99-869-3478	57
8415-99-869-3479	58
8415-99-869-3480	59
8415-99-869-3481	60
8415-99-869-3482	61

4. LABELLING REQUIREMENTS

- Item Name, NATO Stock Number, size number, and the contract number.
- Clearly printed on a pressure sensitive self-adhesive label, to be adhered to the headband at the back of the cap.

TABLE 7 – SPECIMEN LABELS

ITEM NAME
Size
NSN
Contract No.

Figure 2 Example Identification and marking label