



**Technical Specification for
INSIGNIA, RANK SLIDE,
Multi-Terrain Pattern (MTP)**

**Army, Royal Navy & Royal Air Force,
Combat Uniform, Officers & Other Ranks**

Defence Clothing (DC)

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PREFACE

TABLE 1 – PRODUCT LIST

Item Name	INSIGNIA, RANK SLIDE, Multi-Terrain Pattern (MTP) Army, Royal Navy & Royal Air Force, Combat Uniform, Officers & Other Ranks
Development File No.	D/DCTA/P1178 & P2775 (ST) D/DCIPT/RDG/NR/38/03 D/DCIPT/RDG/NR/90/03 D/DCIPT/RDG/NR/18/04 D/DCIPT/RDG/NR/13/04
Product Support File No.	D/DCTA/533/04 (QPS)
NATO Stock Number	See Table 6

Any colour shown in this document is for representation and must not be used for colour matching.

IPR STATEMENT

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Technical documents in this specification refer to the edition current at the date of tender or contract unless otherwise stated.

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TABLE 2 – ISSUE RECORD

Issue No.	Comments	Issue Date
15	<p>All reference to Disruptive Pattern removed from the specification</p> <p>All reference to UK/SC/5225 and UK/SC/6069 removed from specification</p> <p>Amendment to NSN 8455-99-384-4234/5 items corrected</p> <p>Deletion of Woodland DPM 8455-99-: 132-4687 to 4697 869-3992 to 4001 366-8759 to 8760 241-6864 to 6871 724-9701 to 9702</p> <p>Deletion of Desert DPM 8455-99-: 415-1934 to 1956 241-6872 to 6879 724-9703 to 9704 812-6426 285-3904 to 3912</p>	09 October 2012
14	<p>Title of specification amended to reflect changes in contents</p> <p>Deletion of specifications UK/SC4588, UK/SC/5146 & UK/SC/6576, no longer relevant due to NSN deletions</p> <p>Additional RAF Officers badges added NSN 8455-99-384-4226 to 4235</p> <p>Inclusion of Royal Navy DPM rank slides from UK/SC/5508</p> <p>Deletion of RAF Police shoulder straps 8455-99-: 285-4056 358-0111 to 0119 724-2485 all transferred to specification UK/SC/5508</p> <p>Deletion of EOD shoulder straps 8455-99-460-1832 to 1840 all transferred to specification UK/SC/5508</p> <p>Change in width of sleeve. All straps to be 6cm wide</p>	28 September 2011
13	<p>Deletion of obsolete NSN's 8455-99-281-4188 8455-99-281-4189 8455-99-281-4191</p>	24 February 2011

TABLE 2 – ISSUE RECORD continued

Issue No.	Comments	Issue Date
12	<p>Addition to Table 6 for MTP badges NSNs 8455-99-281-4177 to 4209 Marking and Packaging information updated</p> <p>Deletion of all references to BS 5742 washable textile labels</p> <p>Addition of BS EN ISO 105 to Table 3</p> <p>Addition of Table 7</p> <p>Addition of MTP cloth specification</p> <p>Addition of MTP thread shade</p>	17 May 2010
11	<p>Change of D of Q for combat suit rank slides from pairs to singles. Deletion of DEF STAN 83-65 and superseded by UK/SC/6576</p>	19 August 2009
10	<p>Reformatted to DE&S Template</p> <p>Insertion of new NSN's and Pattern Numbers for Insignia Shoulder Strap DPM Desert and Woodland for RAF Other Ranks</p> <p>Addition of embroidery thread shade for brown on desert badges</p>	23 July 2008
9	<p>Change of fabric for Desert DPM</p>	04 January 2006
8	<p>Insertion of new NSN's and Pattern Numbers for Insignia Shoulder Strap DPM Desert</p> <p>Insertion of up issued Pattern Numbers for Insignia Shoulder Strap DPM Woodland Master Gunner 1st & 2nd Class</p>	05 July 2005
7	<p>Insertion of schedule for EOD Regiment shoulder straps</p>	10 March 2004
6	<p>Insertion of UK/SC/4588 in related specs & docs and pattern numbers added to Para. 4.4</p>	06 February 2004
5	<p>Reformatted, technically reviewed and insertion of schedule for RAF Police Shoulder Straps</p>	3 December 2003
4	<p>Titles and page numbering corrected and specification up-issued without technical change</p>	24 January 2003

TABLE 2 – ISSUE RECORD continued

Issue No.	Comments	Issue Date
3	Insertion of schedule for Desert Shoulder Straps Other Ranks Related specifications and documents reviewed and updated Amendments written into text	15 January 2003
2	Issue A reformatted without technical change and re-issued as issue 2. Amendment 3 included at page 7 (July 2001)	21 May 1996

PART 1

1. THE PRODUCT

- a. Use of the Product: An embroidered rank slide for wear by Officers and Other Ranks in combat.

TABLE 3 – RELATED SPECIFICATIONS AND DOCUMENTS

Specification/Document	Detail
BS EN ISO 105 Part B02 Part D01 Part X12	Textiles. Tests for colour fastness. Colour fastness to artificial light: Xenon arc fading lamp test Colour fastness to dry cleaning Colour fastness to rubbing
BS EN 12590	Industrial sewing threads made wholly or partly from synthetic fibres
BS 3870 Part 1 and 2	Stitches and Seams
UK/SC/4687	Embroidery, silk worsted cotton and rayon
UK/SC/5843	Cloth 2 x 1 Twill, Polyester/Cotton

2. PATTERNS

- a. Master Patterns: DC holds a Master Pattern for this product. Potential contractors may view the pattern on site 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 23. PRODUCT DESIGN

Product Description: The rank slide is to consist of a made up sleeve with embroidered insignia of the appropriate rank in Multi-Terrain Pattern material

TABLE 4 – PRODUCT COMPONENTS

4.1 MTP	<ul style="list-style-type: none"> • Cloth 2 x 1 Twill, Polyester/Cotton Multi-Terrain Pattern • Pattern Number MAT8878D (for performance); Pattern Number MAT0006B (for design and shade) • To specification UK/SC/5843
4.2 Interlining	<ul style="list-style-type: none"> • Performance of laminates in fusible interlinings • The main contractor is to ensure that the interlining is laminated strictly in accordance with the interlining manufacturer's recommendations; these recommendations are to be specific to the specified outer cloth for the related item • The fusible interlining recommended must allow the item to be washed, ironed, dry cleaned and tumble dried as recommended on the care label, throughout the items life without any visible signs of delamination, puckering, loss of appearance and handle or excessive shrinkage • Fusing is to be continuous so that the laminate is free from 'blisters' and there is no 'strike through' of the adhesive onto the face of the laminate or 'strike back' through the interlining • The recommendations of the interlining manufacturer regarding fusing must be strictly observed and where those recommendations call for careful control of temperature, time and mechanical pressure, suitable controlled presses must be used • The main contractor is to provide evidence to the DC, of recommendations made by the interlining suppliers and the contractor is to demonstrate compliance with these recommendations throughout the contract
4.3 Sewing threads	<ul style="list-style-type: none"> • <u>Insignia Embroidered.</u> Colour fastness of embroidery yarn is to comply with the requirements of Specification UK/SC/4687 • <u>For all other purposes</u> Thread, polyester and cotton continuous filament, polyester core, cotton sheath, to BS EN 12590, Metric Ticket No. 75 for all other sewing • <u>For MTP badges Matt Stone Embroidery Thread PG112</u> is a Coats Shade from the Astra range in Pakistan has been found to be acceptable or alternatives approved by the DC.

TABLE 5 – PRODUCT CONSTRUCTION

5.1 Sleeve	<ul style="list-style-type: none"> The sleeve is to be made of single ply main material and is to have a fusible interlining, machined and shaped as on the Standard Pattern
5.2 Insignia – Combat Suit DPM rank slides	<ul style="list-style-type: none"> The insignia is to be positioned centrally on the top side of the sleeve, 1.2cm up from the bottom edge Exception to above is the Leading Aircraftsman rank slides. The Leading Aircraftsman insignia is to be positioned centrally on the top side of the sleeve, 2.8cm up from the bottom edge
5.3 Seams and stitching to BS 3870	<ul style="list-style-type: none"> All seams are to be seam type 1.01.01 Machine stitching is to be stitch type 301 with at least eight but not more than ten stitches per 2cm and be correctly tensioned
5.4 General	<ul style="list-style-type: none"> Sewing threads may be treated with a stain free lubricant All seams are to be free from pucker The insignia are to be free from all ends of sewing thread and be delivered in a clean condition The rank slides are to meet the Colour Fastness requirements in Table 7
5.5 Measurements	<ul style="list-style-type: none"> When pressed flat the effective width of the sleeve is to be 6cm. The length of the sleeve is to conform to the appropriate measurements shown in Table 6

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS

INSIGNIA, RANK SLIDE, ARMY OFFICERS					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
Field Marshall	Crown and Crossed Batons	11	Single	281-4177	D02026
General	Crown, Star and Crossed Sword and Baton	11	Single	281-4178	D02027
Lieutenant General	Crown and Crossed Sword and Baton	9	Single	281-4179	D02028
Major General	Star and Crossed Sword and Baton	9	Single	281-4180	D02029
Brigadier	Crown and 3 Stars	11	Single	281-4181	D02030
Colonel	Crown and 2 Stars	11	Single	281-4182	D02031
Lieutenant Colonel	Crown and Star	9	Single	281-4183	D02032
Major	Crown	9	Single	281-4184	D02033
Captain	3 Stars	11	Single	281-4185	D02034
Lieutenant	2 Stars	9	Single	281-4186	D02035
2nd Lieutenant	1 Star	9	Single	281-4187	D02036

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS
continued

INSIGNIA, RANK SLIDE, ARMY OTHER RANKS					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
WO 1	Royal Arms	9	Single	281-4208 ¹	D02057
RQMS	Crown in Wreath	9	Single	281-42141	D02063
WO 2	Large Crown	9	Single	281-4190	D02039
Colour Sergeant	Small Crown with 3 Chevrons	9	Single	281-42091	D02058
Drum Major	Small Crown with 4 Chevrons	9	Single	281-4192	D02041
Sergeant	3 Chevrons	9	Single	281-4193	D02042
Corporal	2 Chevrons	9	Single	281-4194	D02043
Lance Corporal	1 Chevrons	9	Single	281-4195	D02044
Lance Corporal (Household Cavalry)	Small Crown with 2 Chevrons	9	Single	281-4196	D02045
WO 1 Conductor	Royal Arms and Wreath	9	Single	281-4197	D02046
Master Gunner 1st Class	Royal Arms in Wreath with Cannon	9	Single	281-4198	D02047
Master Gunner 2nd Class	Royal Arms with Cannon	9	Single	281-4199	D02048

¹ To aid clarity this NSN is also in RN and/or RAF tables

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS
continued

INSIGNIA, RANK SLIDE, RAF OFFICERS					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
Air Chief Marshall	One 20 mm band and three 12 mm bands on top	9	Single	384-4235	D02147
Air Marshall	One 20 mm band and two 12 mm bands on top	9	Single	384-4234	D02146
Air Vice Marshall	One 20 mm band and one 12 mm band on top	9	Single	384-4233	D02145
Air Commodore	One 20 mm band	9	Single	384-4232	D02144
Group Captain	Four 12 mm bands	9	Single	384-4231	D02143
Wing Commander	Three 12 mm bands	9	Single	384-4230	D02142
Squadron Leader	Two 12 mm bands with a 6 mm band in between	9	Single	384-4229	D02141
Flight Lieutenant	Two 12 mm bands	9	Single	384-4228	D02140
Flying Officer	One 12 mm band	9	Single	384-4227	D02139
Pilot Officer	One 6 mm band	9	Single	384-4226	D02138

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS
continued

INSIGNIA, RANK SLIDE, RAF OTHER RANKS					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
Master Aircrew	Eagle within wreath with Royal Arms	11	Single	281-4200	D02049
Flight Sergeant Aircrew	Eagle and Crown with 3 Chevrons	11	Single	281-4201	D02050
Sergeant Aircrew	Eagle with 3 Chevrons	9	Single	281-4202	D02051
Chief Technician	Small 4 blade propeller with 3 Chevrons	9	Single	281-4203	D02052
Junior Technician	Large 4 blade propeller	9	Single	281-4204	D02053
Senior Aircraftsman Technician	Large 3 blade propeller within a circle	9	Single	281-4205	D02054
Senior Aircraftsman	Large 3 blade propeller	9	Single	281-4206	D02055
Leading Aircraftsman	Large 2 blade propeller	9	Single	281-4207	D02056
Warrant Officer	Royal Arms	9	Single	281-4208 ²	D02057
Flight Sergeant	Small Crown with 3 Chevrons	9	Single	281-42091	D02058

² To aid clarity this NSN is also in RN and/or Army tables

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS
continued

INSIGNIA, RANK SLIDE, RN OFFICERS					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
Chaplain	Cross behind fouled anchor	9.5cm	Single	281-4225	D02075
Admiral	One 23mm band with three 12mm bands above the top one forming a 40mm curl, 5mm apart	11.5cm	Single	281-4224	D02074
Vice Admiral	One 23mm band with two 12mm bands above the top one forming a 40mm curl, 5mm apart	10.5cm	Single	281-4223	D02073
Rear Admiral	One 23mm band with one 12mm band above forming a 40mm curl, 5mm apart	9.5cm	Single	281-4222	D02072
Commodore	One 23mm band with one 12mm circle on top, 2mm apart	9.5cm	Single	281-4221	D02071
Captain	Four 12mm bands with the top one forming a 40mm curl, 5mm apart	10.5cm	Single	281-4220	D02070

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS
continued

INSIGNIA, RANK SLIDE, RN OFFICERS					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
Commander	Three 12 mm bands with the top one forming a 40mm curl, 5mm apart	9.5cm	Single	281-4219	D02069
Lt Commander	Two 12mm bands with one 6mm band between the top one forming a 40mm curl, 5mm apart	9.5cm	Single	281-4218	D02068
Lieutenant	Two 12mm bands with the top one forming a 40mm curl, 5mm apart	9.5cm	Single	281-4217	D02067
Sub-Lieutenant	One 12mm band forming a 40mm curl	9.5cm	Single	281-4216	D02066

TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND INSIGNIA DETAILS
continued

INSIGNIA, RANK SLIDE, RN Warrant Officers, Senior Ratings & Junior Ratings					
Rank	Description	Length (cm)	D of Q	MTP	
				NSN 8455-99-	Pattern No
WO 1	Royal Arms	9	Single	281-4208 ³	D02057
WO 2	Crown in wreath	9.5	Single	281-42141	D02063
Chief Petty Officer	Anchor encircled by Wreath with crown above	9.5	Single	281-4213	D02062
Petty Officer	Crossed anchors with crown above	9.5	Single	281-4212	D02061
Leading Rate	Large Anchor	9.5	Single	281-4211	D02060
Able Rate	Lettered "ROYAL NAVY"	9.5	Single	281-4210	D02059

³ To aid clarity this NSN is also in Army and/or RAF tables

4. PERFORMANCE REQUIREMENTS

TABLE 7 – MINIMUM COLOUR FASTNESS REQUIREMENTS FOR METALLISED POLYESTER THREAD

METHOD OF TEST BS EN ISO 105					
Part	B 02	D 01		X 12	
Agent	Light	Dry Cleaning		Rubbing	
				DRY	WET
	Ref. Rating	Colour Change	Staining Solvent	Staining	Staining
	6	5	5	4 – 5	4 – 5

5. MARKING

Under no circumstances should the contractor's name, logo or trademark appear on the badge or on the packaging.

6. PACKAGING

- a. Each NSN item is to be individually wrapped and then sealed in a polythene bag.
- b. The bag shall be identified with a clearly printed pressure sensitive self adhesive label firmly adhered to the outside of the package.
- c. Information and format on the label is to be as follows:
NATO Stock Number, Contract Number, Year of Manufacture and Denomination of Quantity (Figure 1).

Figure 1: Example Identification and marking label

NSN
Contract No.
Year of manufacture
D of Q.