



**Technical Specification for  
SHOULDER STRAPS (Shoulder Slides), Various  
Royal Navy, Royal Marines, Royal Naval Reserves,  
Royal Fleet Auxiliary, RAF Police and EOD Regiment**

**Defence Clothing (DC)**

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PREFACETABLE 1 – PRODUCT LIST

| <b>Item Name</b>  | <b>SHOULDER STRAPS (Shoulder Slides), Various RN, RM RNR and RFA</b> |  |
|---|--|--|
| <b>Development File No.</b>   | D/DCTA/P3296 (ST) & D/DCIPT/RDG/NR/93/04                             |  |
| <b>Product Support File No.</b>   | D/DCTA/533/07 (QPS)  |  |
| <b>NATO Stock Numbers</b>   | <b>Description</b>   | <b>Pattern Numbers</b>   |
| 8455-99-132-9927 to 9936  | Black on Green, RM   | 22335 to 22344   |
| 8455-99-869-1247 to 1249  | Black on Green, RN   | 27772 to 27774   |
| 8455-99-869-1250  |  | 27777  |
| 8455-99-869-2906 to 2909  |  | 28211A, 28212, 28213 & 28214A  |
| 8455-99-818-0512  |  | 29433  |
| 8455-99-359-8948  |  | D00291   |
| 8455-99-285-3892 to 3896  |  | D00989 to D00993   |
| 8455-99-812-6425  |  | D01390   |
| 8455-99-285-4056<br>8455-99-724-2485<br>8455-99-358-0111 to 0119  |  | Black/Blue on Green,<br>RAF Police   |
| 8455-99-869-5566 to 5569,<br>8455-99-869-5574 to 5581,<br>8455-99-366-5712 to 5715,<br>8455-99-260-8855 and<br>8455-99-968-5646 | Gold Metallised Polyester on<br>Black, RFA                           | 28686 to 28689<br>28694 to 28701,<br>D00707 to D00710,<br>D01776 and<br>D01833 |
| 8455-99-978-8918  | White appliqué bar on black  | 24771  |
| 8455-99-315-3455  | Gold Metallised Polyester on<br>Black, RN                            | D00533   |
| 8455-99-376-1647  |  | 29131  |
| 8455-99-359-8949  |  | D00292   |
| 8455-99-130-9318  | Embroidery thread on Black,<br>RN                                    | 23457A   |
| 8455-99-577-4234 to 4236  | Gold Metallised Polyester on<br>Black, RN Police                     | D01486 to D01488   |
| 8455-99-577-4237  | Embroidery thread on Black,<br>RN Police                             | D01489   |
| 8455-99-460-1832 to 1840  | White on Black,<br>EOD Regiment                                      | D00439 to D00447   |

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

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TABLE 2 – ISSUE RECORD

| Issue No. | Comments  | Issue Date    |
|-----------|---|---------------|
| 13        | <p>Title changed to reflect additions to the specification</p> <p>Reference to UK/SC/4687, UK/SC/5843 and UK/SC/6069 deleted</p> <p>Reference to UK/SC/4588 inserted</p> <p>Table 4, sections 4.3 &amp; 4.4 deleted and replaced with new section 4.3. Other sections renumbered to suit</p> <p>Table 14 added and old Table 14 renumbered to 15. All references adjusted</p> <p>MTP items transferred to UK/SC/4552, NSN's: 8455-99-281-4210 to 4214, and 8455-99-281-4216 to 4225</p> <p>Desert DPM obsolete, deleted NSN's 8455-99-: 285-3897 to 285-3902      285-3904 to 285-3912 812-6426</p> <p>RFA "Supply" superseded by "Logistics Supply" NSN's 8455-99-869-5570 to 5573 deleted</p> <p>RAF Police transferred from UK/SC/4552 NSN's 8455-99-: 285-4056    358-0111 to 358-0119    724-2485</p> <p>EOD Regiment transferred from UK/SC/4552 NSN's 8455-99-: 460-1832 to 460-1840</p> | 13 March 2013 |
| 12        | Deletion NSN 8455-99-281-4215 – Obsolete  | 24 March 2011 |
| 11        | <p>Deletion NSN 8455-99-422-3776 – Obsolete</p> <p>Deletion Table 12 (which referred to 422-3776 above)</p> <p>Table 13 renamed Table 12</p> <p>8455-99-285-3909 Lace for circle change from 23mm to 12mm wide</p> <p>Marking and Packaging information updated</p> <p>Deletion of all references to BS 5742 washable textile labels</p> <p>Addition of Table 13 for MTP badges to include NSNs 8455-99-281-4210 to 4225</p> <p>Addition of MTP cloth specification</p> <p>Addition of Desert &amp; MTP thread shades</p>   | 22 April 2010 |

TABLE 2 – ISSUE RECORD

| Issue No. | Comments   | Issue Date        |
|-----------|--|-------------------|
| 10        | <p>Addition of Royal Fleet Auxiliary shoulder strap NSN 8455-99-260-8855</p> <p>Addition of Royal Navy Police shoulder strap NSN's 8455-99-577-4234 to 4237</p> <p>Addition of Royal Navy shoulder strap NSN's 8455-99-130-9318</p> <p>Addition of RFA medical Technician shoulder straps NSN: 8455-99-968-5646</p> <p>Replaced cancelled BS 7271 with DEF STAN 83-86</p> <p>Deletion of RNR shoulder straps NSN's 8455-99-764-4861 to 764-4863 &amp; 376-1648 &amp; 324-3119</p> <p>Deletion of CPO 8455-99-498-8519 &amp; PO 8455-99-869-1252 which have been put into UK/SC/4569 under the re-instated NSN</p> <p>Deletion of RNR Able rate 8455-99-285-3903</p> <p>Deletion of DEF STAN 83-65 replaced with UK/SC/6576</p> | 19 August 2009    |
| 9         | <p>Addition of Insignia Shoulder Strap NSN 8455-99-422-3776, Pattern D01406</p> <p>Reformatted to DE&amp;S template</p>  | 10 October 2007   |
| 8         | <p>Addition of Insignia Shoulder Strap RFA Logistic Supply</p> <p>NSN's 8455-99-336-5712 to 5715</p> <p>Addition of Insignia Shoulder Strap RN Black on Green</p> <p>NSN's 8455-99-285-3892 to 3896</p> <p>Addition of Insignia Shoulder Strap RN Brown on Desert DPM</p> <p>NSNs 8455-99-285-3897 to 3912</p>   | 02 November 2006  |
| 7         | <p>Deletion of NSN: 8455-99-498-8517 which has been superseded by 8455-99-315-3455</p>   | 20 October 2004   |
| 6         | <p>Reformatted, Technical review</p>   | 15 September 2003 |
| 5         | <p>Addition of RNR shoulder slides. NSN's: 764-4861, 764-4862 and 764-4863 in schedule 5</p>   | 07 March 2003     |

TABLE 2 – ISSUE RECORD

|   |  |                   |
|---|--|-------------------|
| 4 | Deletion of schedule: White on Lovat, RM.<br>Deletion of NSN 869-5319 and 124-2766 in Schedule Miscellaneous<br><br>Deletion of NSN's: 702-5572, 235-4519, 611-6728, 573-2086 in Schedule: Gold Metallised Polyester on Black, RFA                         | 13 February 2003  |
| 3 | Schedule 6 Gold Metallised Polyester on Black, RN Ratings-<br>NSN: 498-8576 was incorrect; this is now 498-8516<br>NSN: 498-8578 was incorrect; this is now 498-8518<br>QARNNS badges NSN's 376-1649 & 376-1650 have been deleted as they are now obsolete | 14 September 2002 |
| 2 | Incorporation and supersedes specifications UK/SC/5118A, UK/SC/5306 and UK/SC/5375   |                   |

PART 1

1. THE PRODUCT

- a. Use of the Product. This specification describes the requirements for shoulder slides (including those with closure by means of touch and close fastener) worn by the Royal Navy, the Royal Marines, Royal Naval Reserves and the Royal Fleet Auxiliary.

TABLE 3 – RELATED SPECIFICATIONS AND DOCUMENTS

| <b>Specification/Document</b>                     | <b>Detail</b>   |
|---|---|
| BS EN ISO 105<br>Part B02<br>Part D01<br>Part X12 | Textiles. Tests for colour fastness<br>Colour fastness to artificial light: Xenon arc fading lamp test<br>Colour fastness to dry cleaning<br>Colour fastness to rubbing |
| BS EN 12590                                       | Textiles Industrial sewing threads made wholly or partly from synthetic fibres  |
| BS 3870 Parts 1 and 2                             | Stitches and seams  |
| DEF STAN 83-86                                    | Touch and Close Fasteners   |
| UK/SC/4588  | Lace, Rank, Distinguishing, RAF   |
| UK/SC/6576  | Cloth, Twill, Polyester and Cotton, FS  |

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.
- a. 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

- a. Product Description. An embroidered shoulder slide in the form of a semi stiffened sleeve fitted over a garment shoulder strap.

TABLE 4 – PRODUCT COMPONENTS

|                    |  |
|--------------------|--|
| 4.1 Main materials | <ul style="list-style-type: none"> <li>• Cloth, twill, polyester cotton, olive green, No. 1, FS, to UK/SC/6576, Pattern No. 8171E, NATO Stock No. 8305-99-139-6620 for:             <ol style="list-style-type: none"> <li>a. Pattern No's. 22335 to 22344 (black on green, RM)</li> <li>b. Pattern No's. 27772 to 27774 and 27777 and 28211A, 28212, 28213 and 28214A and 29433 to 29434 (black on green, RN)</li> <li>c. Pattern No's D00281 to D00289, D00302 and D00327 (black/blue on green, RAF Police)</li> </ol> </li> <li>• Cloth, twill, polyester and cotton, black, No. 1, FS to UK/SC/6576, Pattern No. 8171C, NATO Stock No. 8305-99-139-6619 for:             <ol style="list-style-type: none"> <li>a. Pattern No 24771 (white on black, RN)</li> <li>b. Pattern No's 28686 to 28701 (gold metallised polyester on black, RFA)</li> <li>c. Pattern No's 29131 to 29134 (gold metallised polyester on black RNR ratings)</li> <li>d. Pattern No's D00201 to D00203 (gold metallised polyester on black RNR ratings)</li> <li>e. Pattern No's D01486 to D01489 (gold metallised polyester on black RN Police)</li> <li>f. Pattern No D01833 (gold metallised polyester on black RFA Medical Technician)</li> <li>g. Pattern No. D01776 (gold metallised polyester on black RFA)</li> <li>h. Pattern No's D00439 to D00447 (white on black, EOD Regiment)</li> </ol> </li> <li>• Cloth, twill, polyester and cotton, white, No. 1, FS to UK/SC/6576, Pattern No. 8171A, NATO Stock No. 8305-99-122-7878 for Pattern No. 24771 (appliqué)</li> </ul> |
|--------------------|--|



TABLE 4 – PRODUCT COMPONENTS continued

|                                 |   |
|---------------------------------|---|
| 4.2 Interlining                 | <ul style="list-style-type: none"> <li>• Interlining, fusible, woven, cotton to be fused in accordance with manufacturer's instructions.</li> </ul>   |
| 4.3 Threads and yarns           | <ul style="list-style-type: none"> <li>• The thread or yarn is to be of uniform thickness and is to be spun and folded evenly.</li> <li>• The shades and compositions of all the coloured threads or yarns are to match those of the respective Standard Pattern unless otherwise specified by the tender or contract. They are to be uniform throughout the length and thickness and are to satisfy the colour fastness requirements of Table 14.</li> <li>• The threads or yarns are to be reasonably free from knots, short lengths and other defects.</li> </ul>  |
| 4.4 Metallised polyester thread | <ul style="list-style-type: none"> <li>• The gold thread is to consist of a metallised polyester film wrapped around a continuous filament core yarn. The core yarns are to be dyed to an appropriate colour so that the effects of grinning of the core yarn through the wrapping is minimised. The wrapping material is to be a non-tarnished metallised polyester film which is to be wrapped around the core yarn to give a smooth, metallic appearance. The shade of gold is to match that of the Standard Pattern (no noticeable variation in the shade will be acceptable). The complete yarn is to meet the colour fastness requirements of Table 15. The density of the machine embroidery is to match that of the relevant Standard Pattern.</li> </ul> |
| 4.5 Rank Braid for RAF Police   | <ul style="list-style-type: none"> <li>• Patterns to guide for Lace, Distinguishing Rank UK/SC/4588:<br/> Air Commodore: NSN: 8315-99-468-1650.<br/> Pattern No 35/R/382A<br/> Group Captain: NSN: 8315-99-136-5859.<br/> Pattern No. 35/R/1693A<br/> Wing Commander: NSN: 8315-99-136-5860.<br/> Pattern No. 35/R/1694A<br/> Squadron Leader: NSN: 8315-99-136-5861.<br/> Pattern No. 35/R/1695A<br/> Flight Lieutenant: NSN: 8315-99-136-5862.<br/> Pattern No. 35/R/1696A<br/> Flying Officer: NSN: 8315-99-468-1647.<br/> Pattern No. 35/R/381<br/> Pilot Officer: NSN: 8315-99-125-2129.<br/> Pattern No. 35/R/380A</li> </ul>   |

TABLE 4 – PRODUCT COMPONENTS continued

|  |   |
|--|---|
| 4.6 Touch and close fastener                     | <ul style="list-style-type: none"> <li>Fastener, tape, hook and loop, 10mm and 20mm wide as appropriate, shade to match the Standard Pattern, to comply with the requirements of DEF STAN 83-86. Selvedges are to be finished/sealed to prevent fraying.</li> </ul> |
| 4.7 Sewing threads for all construction purposes | <ul style="list-style-type: none"> <li>Thread, cotton/polyester to table 5 of BS EN 12590. Metric Ticket No. 75 for all sewing. Metric Ticket No. 180 for over edge stitching.</li> <li>Or alternatives approved by DC.</li> </ul>                                  |

TABLE 5 – PRODUCT CONSTRUCTION

|   |  |
|---|--|
| 5.1 Laminate  | <ul style="list-style-type: none"> <li>The interlining is to be fused to the main material, in accordance with Clause 5.12.</li> <li>The interlining is to be fused to cover the entire underside of the shoulder slide prior to construction.</li> </ul>  |
| 5.2 Embroidery  | <ul style="list-style-type: none"> <li>The embroidered design is to be worked onto the shoulder slide and is to match that on the Standard Pattern.</li> <li>The embroidery is to penetrate both main fabric and interlining.</li> </ul>   |
| 5.3 Black on Green Royal Marines<br>(See Table 6)<br><br>Pattern Numbers:<br>22335      22336<br>22337      22338<br>22339      22340<br>22341      22342<br>22343      22344 | <ul style="list-style-type: none"> <li>The seams are to be 1cm and sewn using seam type 1.01.01 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> <li>The underside top of the seam is to form a “V” 1.5cm deep.</li> <li>The ends of the sleeve, shaped as on the Standard Pattern, are to be turned in 0.5cm, and sewn using seam type 6.02.03 of BS 3870, with the top stitching 0.1cm from the edge.</li> </ul> |

TABLE 5 – PRODUCT CONSTRUCTION continued

|   |   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
|---|---|-------|-------|-------|--------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--|--------|--|
| <p>5.4 Black on Green<br/>Royal Navy<br/>(See Table 7)</p> <p>Pattern Numbers:</p> <table border="0"> <tr><td>27772</td><td>27773</td></tr> <tr><td>27774</td><td>27777</td></tr> <tr><td>28211A</td><td>28212</td></tr> <tr><td>28213</td><td>28214A</td></tr> <tr><td>29433</td><td>D00291</td></tr> <tr><td>D00989</td><td>D00990</td></tr> <tr><td>D00991</td><td>D00992</td></tr> <tr><td>D00993</td><td>D01390</td></tr> </table>   | 27772   | 27773 | 27774 | 27777 | 28211A | 28212 | 28213 | 28214A | 29433 | D00291 | D00989 | D00990 | D00991 | D00992 | D00993 | D01390 | <ul style="list-style-type: none"> <li>• The ends of the sleeve, shaped as on the Standard Pattern, are to be turned in 0.5cm, and sewn using seam type 6.02.03 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>• The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> </ul> |        |  |
| 27772   | 27773   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 27774   | 27777   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28211A  | 28212   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28213   | 28214A  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 29433   | D00291  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| D00989  | D00990  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| D00991  | D00992  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| D00993  | D01390  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| <p>5.5 Black/Blue on Green<br/>RAF Police<br/>(See Table 8)</p> <p>Pattern Numbers</p> <p>D00302 D00327<br/>D00281 to D00289</p>  | <ul style="list-style-type: none"> <li>• The seams are to be 1cm and sewn using seam type 1.01.01 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>• The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> <li>• The lettering, as Standard Pattern is to be positioned centrally on the top side of the sleeve, 1.2cm up from the bottom edge.</li> <li>• The insignia or rank braid is to be positioned centrally on the top side of the sleeve, 1cm up from the top of the lettering.</li> </ul> |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| <p>5.6 Gold on black<br/>Royal Fleet<br/>Auxiliary<br/>(See Table 9)</p> <p>Pattern Numbers</p> <table border="0"> <tr><td>28686</td><td>28687</td></tr> <tr><td>28688</td><td>28689</td></tr> <tr><td>28694</td><td>28695</td></tr> <tr><td>28696</td><td>28697</td></tr> <tr><td>28698</td><td>28699</td></tr> <tr><td>28700</td><td>28701</td></tr> <tr><td>D00707</td><td>D00708</td></tr> <tr><td>D00709</td><td>D00710</td></tr> <tr><td>D01833</td><td>D01776</td></tr> </table> | 28686   | 28687 | 28688 | 28689 | 28694  | 28695 | 28696 | 28697  | 28698 | 28699  | 28700  | 28701  | D00707 | D00708 | D00709 | D00710 | D01833   | D01776 | <ul style="list-style-type: none"> <li>• The ends of the sleeve, shaped as on the Standard Pattern, are to be turned in 0.5cm, and sewn using seam type 6.02.03 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>• The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> <li>• The underside top seam is to form a “V” 1.5cm.</li> </ul> |
| 28686   | 28687   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28688   | 28689   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28694   | 28695   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28696   | 28697   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28698   | 28699   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| 28700   | 28701   |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| D00707  | D00708  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| D00709  | D00710  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |
| D01833  | D01776  |       |       |       |        |       |       |        |       |        |        |        |        |        |        |        |  |        |  |

TABLE 5 – PRODUCT CONSTRUCTION continued

|  |  |
|--|--|
| <p>5.7 White on Black Royal Navy<br/>(See table 10)</p> <p>Pattern Number<br/>24771</p>  | <ul style="list-style-type: none"> <li>• The shoulder slide is to be manufactured from two pieces of main material with the edges turned in and sewn together using seam type 1.06.01 of BS 3870.</li> <li>• A 4cm length of fastener tape, hook element, 10mm wide, is to be sewn to the underside of the shoulder slide.</li> <li>• A 4cm length of fastener tape, loop element, 10mm wide, is to be sewn to the top side of the shoulder slide, in correct register with the hook element.</li> <li>• A rectangular shape of appliqué material, 3cm long and 1.4cm wide, is to be embroidered centrally to the main material as on the Standard Pattern.</li> </ul> |
| <p>5.8 Gold &amp; colour on black Royal Navy<br/>(See Table 11)</p> <p>Pattern Numbers<br/>D00533 29131<br/>D00292 23457A</p>  | <ul style="list-style-type: none"> <li>• The ends of the sleeve, shaped as on the Standard Pattern, are to be turned in 0.5cm, and sewn using seam type 6.02.03 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>• The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> <li>• The underside top seam is to form a “V” 1.5cm.</li> </ul>   |
| <p>5.9 Gold &amp; colour on black RN Police<br/>(See table 12)</p> <p>Pattern numbers:<br/>D01486 D01487<br/>D01488 D01489</p> | <ul style="list-style-type: none"> <li>• The ends of the sleeve, shaped as on the Standard Pattern, are to be turned in 0.5cm, and sewn using seam type 6.02.03 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>• The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> <li>• The underside top seam is to form a “V” 1.5cm.</li> </ul>   |
| <p>5.10 White on Black EOD Regiment<br/>(See table 13)</p> <p>Pattern numbers:<br/>D00439 to D00447</p>                        | <ul style="list-style-type: none"> <li>• The seams are to be 1cm and sewn using seam type 1.01.01 of BS 3870, with the top stitching 0.1cm from the edge.</li> <li>• The sleeve is to be formed using seam type 1.01.01 of BS 3870, with the seam pressed open, and positioned to form the centre of the underside.</li> </ul>   |
| <p>5.11 Seams and stitching to BS 3870</p>   | <ul style="list-style-type: none"> <li>• Machine stitching is to be type 301, with at least eight but not more than ten stitches per 2cm and be correctly tensioned.</li> <li>• Overedge stitching is to be type 502, 503, 504 or 505.</li> </ul>  |

TABLE 5 – PRODUCT CONSTRUCTION continued

|   |  |
|---|--|
| 5.12 Performance of Laminates in Fusible Interlinings | <ul style="list-style-type: none"> <li>• 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.</li> <li>• The fusible interlining recommended must allow the garment to be washed, ironed, dry cleaned and tumble dried as recommended on the care label, throughout the garment life without any visible signs of delamination, puckering, loss of appearance and handle or excessive shrinkage.</li> <li>• 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.</li> <li>• The recommendations of the interlining manufacturer regarding fusing must be strictly observed and where those recommendations call for careful control of fusing temperature, time and mechanical pressure suitable controlled presses must be used.</li> <li>• 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.</li> </ul> |
| 5.12 General  | <ul style="list-style-type: none"> <li>• The shoulder strap is to be identical in weave size and design to that of the relevant standard pattern.</li> <li>• Sewing threads may be treated with a stain free lubricant.</li> <li>• All seams are to be free from pucker.</li> <li>• The shoulder slides are to be free from all ends of sewing thread and be delivered in a clean condition.</li> <li>• Machine embroidery is to be correctly tensioned, and free from grinning.</li> <li>• The embroidered design/device is to be positioned centrally on the face side of the shoulder slide.</li> <li>• Raw edges are to be overlocked, where appropriate.</li> <li>• Touch and close fastener is to be sewn on all edges.</li> <li>• The shoulder straps are to meet the Colour Fastness requirements in Table 15</li> <li>• All shoulder slides are to be provisioned in pairs except those listed in table 8, table 13, which should be supplied in singles.</li> </ul>  |

**TABLE 6 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
BLACK ON GREEN, ROYAL MARINES**

| Pattern No's | NATO Stock No's 8455-99- | Rank                          | Description                                       | Width | Length |
|--------------|--------------------------|-------------------------------|---|-------|--------|
| 22344        | 132-9927                 | 2 <sup>nd</sup> Lieutenant    | 1 Pip   | 5.5cm | 10cm   |
| 22343        | 132-9928                 | Lieutenant                    | 2 Pips  |       |        |
| 22342        | 132-9929                 | Captain                       | 3 Pips  |       |        |
| 22341        | 132-9930                 | Major                         | Crown   |       |        |
| 22340        | 132-9931                 | Lt Colonel                    | 1 Pip with crown above                            |       |        |
| 22339        | 132-9932                 | Colonel                       | 2 Pips with crown above                           |       |        |
| 22338        | 132-9933                 | Brigadier                     | 3 Pips with crown above                           |       |        |
| 22337        | 132-9934                 | Maj General<br>(Mirror image) | Crossed Sword & Baton<br>with pip above           |       |        |
| 22336        | 132-9935                 | Lt General<br>(Mirror image)  | Crossed Sword & Baton<br>with crown above         |       |        |
| 22335        | 132-9936                 | General<br>(Mirror image)     | Crossed Sword & Baton<br>with pip and crown above |       |        |

All Table 6 items to be supplied in pairs

**TABLE 7 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
BLACK ON GREEN, ROYAL NAVY**

| Pattern No's | NATO Stock No's 8455-99- | Rank                | Description   | Width  | Length |
|--------------|--------------------------|---------------------|---|--------|--------|
| 29433        | 818-0512                 | Able Rate           | Lettered "ROYAL NAVY"   | 5.5cm  | 9.5cm  |
| 27773        | 869-1248                 | Leading Rate        | Large Anchor  |        |        |
| 27774        | 869-1249                 | Petty Officer       | Crossed anchors with crown above  |        |        |
| 27777        | 869-1250                 | Chief Petty Officer | Anchor encircled by Wreath with crown above   |        |        |
| D00291       | 359-8948                 | Warrant Officer 2   | Crown in wreath   |        |        |
| 27772        | 869-1247                 | Warrant Officer     | Lion & Unicorn crest with motto 'Dieu et Mon Droit'   |        |        |
| 28211A       | 869-2906                 | Sub-Lieutenant      | One row of lace, 12mm wide with curl forming a circle 40mm overall diameter (Mirror image)  |        |        |
| 28212        | 869-2907                 | Lieutenant          | Two rows of lace, 12mm wide with a curl on top row, as 869-2906. Rows to be spaced 5mm apart (Mirror image)                           |        |        |
| 28213        | 869-2908                 | Lt Commander        | Two rows of lace 12mm wide, with one row of 6mm wide between. Curl on top row as 869-2906. Rows to be spaced 5mm apart (Mirror image) |        |        |
| 28214A       | 869-2909                 | Commander           | Three rows of lace, 12mm wide, with curl on top row as 869-2906. Rows to be spaced 5mm apart (Mirror image)                           |        |        |
| D00989       | 285-3892                 | Captain             | Four rows of lace 12mm wide with top row curl forming a circle 40mm diameter. Rows to be spaced 5mm apart. (Mirror image)             | 10.5cm |        |

All Table 7 items to be supplied in pairs

**TABLE 7 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS**  
**BLACK ON GREEN, ROYAL NAVY continued**

| Pattern No's | NATO Stock No's 8455-99- | Rank         | Description  | Width | Length |
|--------------|--------------------------|--------------|--|-------|--------|
| D00990       | 285-3893                 | Commodore    | One row of lace 23mm wide one circle of lace 23mm 2mm above row circle 40mm diameter   | 5.5cm | 9.5cm  |
| D00991       | 285-3894                 | Rear Admiral | One row of lace 23mm wide One curl of lace 12mm wide forming a circle 40mm wide. Rows to be 5mm apart (Mirror Image)           |       |        |
| D00992       | 285-3895                 | Vice Admiral | One row of lace 23mm wide One row of lace 12mm wide One row of lace 12mm wide forming a circle 40mm wide Rows to be 5mm apart  |       | 10.5cm |
| D00993       | 285-3896                 | Admiral      | One row of lace 23mm wide Two rows of lace 12mm wide One row of lace 12mm wide forming a circle 40mm wide Rows to be 5mm apart |       | 11.5cm |
| D01390       | 812-6425                 | Chaplain     | Machine embroidered cross with fouled anchor   |       | 9.5cm  |

All Table 7 items to be supplied in pairs



**TABLE 8 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
BLACK/BLUE ON GREEN, RAF POLICE**

| Pattern No's | NATO Stock No's 8455-99- | Rank              | Width  |         | Length |
|--------------|--------------------------|-------------------|--------|---------|--------|
|              |                          |                   | At top | At base |        |
| D00302       | 285-4056                 | Air Commodore     | 6cm    | 6.5cm   | 11cm   |
| D00285A      | 358-0115                 | Group Captain     |        |         |        |
| D00284A      | 358-0114                 | Wing Commander    |        |         |        |
| D00283A      | 358-0113                 | Squadron Leader   |        |         |        |
| D00282A      | 358-0112                 | Flight Lieutenant |        |         |        |
| D00281       | 358-0111                 | Flying Officer    |        |         |        |
| D00327       | 724-2485                 | Pilot Officer     |        |         |        |
| D00289       | 358-0119                 | Warrant Officer   |        |         |        |
| D00288       | 358-0118                 | Flight Sergeant   |        |         |        |
| D00287       | 358-0117                 | Sergeant          |        |         |        |
| D00286       | 358-0116                 | Corporal          |        |         |        |

All Table 8 items to be supplied in singles

**TABLE 9 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
GOLD METALLISED POLYESTER ON BLACK, RFA**

| Pattern No's | NATO Stock No's 8455-99- | Rank   | Rank                    | Description       | Width | Length |
|--------------|--------------------------|--|-------------------------|-------------------|-------|--------|
| 28686        | 869-5566                 | <u>Communications</u>  | CPO                     | Within a wreath   | 5.5cm | 9cm    |
| 28687        | 869-5567                 | Crossed flags within 2 circles with the letters RFA below          | PO                      | With 2 bars below |       |        |
| 28688        | 869-5568                 |  | LR                      | With 1 bar below  |       |        |
| 28689        | 869-5569                 |  | Basic                   | Device only       |       |        |
| 28694        | 869-5574                 |  | <u>Motorman</u>         | CPO               |       |        |
| 28695        | 869-5575                 | Three bladed propeller within 2 circles with the letters RFA below | PO                      | With 2 bars below |       |        |
| 28696        | 869-5576                 |  | LR                      | With 1 bar below  |       |        |
| 28697        | 869-5577                 |  | Basic                   | Device only       |       |        |
| 28698        | 869-5578                 |  | <u>Deck</u>             | CPO               |       |        |
| 28699        | 869-5579                 | Spike & Marlin within 2 circles with the letters RFA below         | PO                      | With 2 bars below |       |        |
| 28700        | 869-5580                 |  | LR                      | With 1 bar below  |       |        |
| 28701        | 869-5581                 |  | Basic                   | Device only       |       |        |
| D00707       | 366-5712                 |  | <u>Logistics Supply</u> | Able              |       |        |
| D00708       | 366-5713                 | Letters LS within 2 circles with the letters RFA below             | LR                      | With 1 bar below  |       |        |
| D00709       | 366-5714                 |  | PO                      | With 2 bars below |       |        |
| D00710       | 366-5715                 |  | CPO                     | Within a wreath   |       |        |
| D01833       | 968-5646                 |  | Medical Technician      |                   |       |        |
| D01776       | 260-8855                 | RFA  |                         | Lettering 'RFA'   |       |        |

All Table 9 items to be supplied in pairs

**TABLE 10 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
MISCELLANEOUS**

| Pattern No's | NATO Stock No's 8455-99- | Rank                       | Description  | Entire width unfastened | Length |
|--------------|--------------------------|----------------------------|--|-------------------------|--------|
| 24771        | 978-8918                 | RN Officers under training | White appliqué bar on black with touch and close fastening | 15.5cm                  | 3cm    |

Table 10 items to be supplied in pairs

**TABLE 11 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
GOLD METALLISED POLYESTER AND COLOURED EMBROIDERY ON BLACK,  
ROYAL NAVY RATINGS**

| Pattern No's | NATO Stock No's 8455-99- | Rank              | Description  | Width  |         | Length |
|--------------|--------------------------|-------------------|--|--------|---------|--------|
|              |                          |                   |  | At top | At base |        |
| 23457A       | 130-9318                 | Warrant Officer 1 | Lion & Unicorn crest with motto "Dieu et Mon Droit". Coloured thread | 6cm    | 6cm     | 9cm    |
| D00292       | 359-8949                 | Warrant Officer 2 | Crown in wreath  | 5.5cm  | 6cm     | 10cm   |
| D00533       | 315-3455                 | Leading Rate      | Large fouled anchor  |        |         |        |
| 29131        | 376-1647                 | Able Rate         | Lettered "ROYAL NAVY"  |        |         |        |

All Table 11 items to be supplied in pairs

**TABLE 12 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
GOLD METALLISED POLYESTER AND COLOURED THREAD ON BLACK,  
ROYAL NAVY POLICE.**

| Pattern No's | NATO Stock No's 8455-99- | Rank                | Description   | Width  |         | Length |
|--------------|--------------------------|---------------------|---|--------|---------|--------|
|              |                          |                     |   | At top | At base |        |
| D01486       | 577-4234                 | Leading Rate        | Fouled Anchor with lettering 'RN POLICE' underneath                               | 5.5cm  | 6cm     | 9.5cm  |
| D01487       | 577-4235                 | Petty Officer       | Crossed fouled anchors with crown above and lettering 'RN POLICE' underneath      |        |         |        |
| D01488       | 577-4236                 | Chief Petty Officer | Anchor encircled by laurel wreath with crown and lettering 'RN POLICE' underneath |        |         |        |
| D01489       | 577-4237                 | Warrant Officer     | Royal Arms (in coloured embroidery thread) and lettering 'RN POLICE' underneath   |        |         |        |

All Table 12 items to be supplied in pairs

TABLE 13 – SCHEDULE OF NATO STOCK NUMBERS AND MEASUREMENTS  
WHITE ON BLACK, EOD REGIMENT

| Pattern No's | NATO Stock No's 8455-99- | Rank                     | Width  |         | Length |
|--------------|--------------------------|--------------------------|--------|---------|--------|
|              |                          |                          | At top | At base |        |
| D00439       | 460-1832                 | Lieutenant Colonel       | 6cm    | 6.5cm   | 11cm   |
| D00440       | 460-1833                 | Major                    |        |         |        |
| D00441       | 460-1834                 | Captain                  |        |         |        |
| D00442       | 460-1835                 | Warrant Officer 1        |        |         |        |
| D00443       | 460-1836                 | Warrant Officer 2 (SQMS) |        |         |        |
| D00444       | 460-1837                 | Staff Sergeant           |        |         |        |
| D00445       | 460-1838                 | Sergeant                 |        |         |        |
| D00446       | 460-1839                 | Corporal                 |        |         |        |
| D00447       | 460-1840                 | Lance Corporal           |        |         |        |

All Table 13 items to be supplied in singles

4. PERFORMANCE REQUIREMENTS

TABLE 14 – MINIMUM COLOUR FASTNESS REQUIREMENTS FOR EMBROIDERY THREADS

| METHOD OF TEST<br>BS EN ISO 105 |               |          |               |                  |               |          |
|---------------------------------|---------------|----------|---------------|------------------|---------------|----------|
| B02                             | C06           |          | D01           |                  | X11           |          |
| Light                           | Washing       |          | Dry cleaning  |                  | Hot pressing  |          |
| Ref. Rating                     | Colour change | Staining | Colour Change | Staining Solvent | Colour change | Staining |
| 4-5<br>-                        | 4-5           | 4        | 4-5           | 4                | 4-5           | -        |

TABLE 15 – MINIMUM COLOUR FASTNESS REQUIREMENTS FOR METALLISED POLYESTER THREAD

| METHOD OF TEST<br>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 (pairs or each, as necessary) 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 2).

Figure 2 – Example Identification and marking label

|                     |
|---------------------|
| NSN                 |
| Contract No.        |
| Year of manufacture |
| D of Q.             |