

SPECIFICATION. No UK/ISC/3605



MINISTRY OF DEFENCE

GREATCOAT, NAVAL OFFICERS

PREPARED BY  
STORES & CLOTHING RESEARCH  
& DEVELOPMENT ESTABLISHMENT

ISSUED BY  
QUALITY ASSURANCE DIRECTORATE  
(STORES & CLOTHING)

NN/43/602  
NV/499/016

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Specification for:  
GREATCOAT, NAVAL OFFICERS

VOCAB. NUMBERS  
41301 to 41312

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This specification has 10 pages.

1. RELATED SPECIFICATIONS AND DOCUMENTS

Reference is made in this specification to:

BS 1624-6	Woven cotton, tapes
BS 2726-9	Marking inks
DEF-1007	Fabrics, cotton, plain weave
DEF-1054	Cloths, linen for clothing
DEF-1199	Fabrics, viscose, acetate and mixtures thereof with cotton
DEF-1213	Threads, linen, sewing and miscellaneous
DEF-STAN 83-8	Threads, cotton, sewing
V3A/142/3/56	Twill, black
V6A/178/3/64	Blue beaver cloth
V6A/178/9/61	Buttons, Gilt, Officer

Reference in this specification to a British Standard or any other specification or document means, in any tender or contract, the edition current at the date of such tender or contract.

DEF specifications are obtainable from H M Stationery Office, Defence Standards from Directorate of Standardisation, First Avenue House, High Holborn, London, W.C.1., UK/ISC/ and V specifications from Ministry of Defence, Directorate of Inspection of Stores and Clothing, Didcot, Berks.

2. STANDARD PATTERNS

A Standard Pattern, held by the Purchasing or Inspection Authority, shall constitute the standard for any materials, components or design features not fully defined in this specification.

3. MATERIALS

a. The garment shall be made of the following materials:

Body of garment, under-collar, throat tab, half belt and shoulder strap facings	Blue beaver cloth to Specification V6A/178/3/64.
Body, flap and sleeve lining. Hangar and pocket facings	Lining, No. 1, viscose/cotton union black (Pattern No. T.927 of DEF-1199 but with improved colour fastness to comply with the Appendix).
Pockets	Twill black, to specification V3A/142/3/56.
Stay for pockets, buttons, buttonholes and sword hook	Cloth, linen, black, No. 1 (Pattern No. T.551 of DEF-1054).
Collar interlining	Cloth, linen, collar (Pattern No. T.506 of

	DEF-1054).
Interlining foreparts	Canvas, flax, french (Pattern No. T. 599 of DEF-1054).
Forepart button stays	Canvas, flax, watchcoat (Pattern No. T.491 of DEF-1054).
Stay for vent, hanger and sword slit	Tape, woven, cotton, medium quality, $\frac{1}{2}$ in (Pattern No. NF 308C ( $\frac{1}{2}$ ) to BS 1625).
Sword hook	Hook, steel or brass, black japanned.
Buttons for foreparts and belt	Buttons, gilt, R.N. Officer, Size 1, 37 ligne to specification V&A/178/9/61.
Jigger button	Button, urea/formaldehyde, black, 4-hole, 35 ligne.
Button for throat tab, sword slit and vent	Button, urea/formaldehyde, black, 4-hole, 22 ligne.
Sleeveheads	Wadding, white, of approved quality.
Shoulder reinforcement	Hair cloth of approved quality.
Size labels	Calico, No. 2, white (pure finish) (Pattern No. T.504, specification DEF-1007) or an approved alternative.
Marking inks	To BS 2726.
b. The following sewing threads shall be used:	
For buttons and sword hook	Thread, linen, sewing, machine, black 50/3 (Pattern No. T.1338, Specification DEF-1213).
Gimp for buttonholes	Thread, cotton, gimp, glace, black, 16/9 (Pattern No. T.1092 of Defence Standard 83-C).
For machine felling	Thread, cotton, sewing, machine, glace, black, 70/3 (Pattern No. T.1107 of Defence Standard 83-8).
For all other purposes	Thread, cotton, sewing, machine, mercerised, black, 24/3 (Pattern No. T.1072 of Defence Standard 83-C).

4. MANUFACTURE

a. Design

The coat, cut double-breasted with lancer type fronts and two-way collar, shall have six buttons and buttonholes with four to button when worn open at the neck, two side pockets with flaps and two-piece sleeves. The back, cut with a centre back vent, shall be fitted with a detachable half belt. Garments shall be fitted with loops to enable detachable shoulder straps

to be worn.

b. Inlays

Inlays shall be provided on both cloth and lining at the side seams.

c. Interlinings and stays

- (1) The foreparts shall be interlined with french canvas and the shoulders reinforced with the hair cloth. The canvas shall be cut the full width of the shoulders down to scye depth and shall taper to approximately 5in wide at the bottom of the forepart.
- (2) The sword hook, buttons, buttonholes and pockets shall be stayed with black linen.
- (3) The back scyes and back vent shall be stayed with tape.
- (4) The collar shall be interlined with collar linen.
- (5) The bridle, of black linen and extending to approximately 2in beyond the drawing seam of the collar, shall be firmly affixed to the forepart and interlining by three rows of machine padding.

d. Foreparts

- (1) The foreparts shall be shaped as in the Standard Pattern.
- (2) Six buttonholes, 1½in long, shall be worked in each forepart with the eye of the buttonholes 1in from the front edge. The top buttonhole shall be positioned 1½in from top edge of the lapel and the bottom buttonhole as stated in the Schedule with the remaining buttonholes spaced equidistantly between.
- (3) Six gilt buttons shall be securely sewn on the right forepart aligned with the eyes of the buttonholes in the left forepart. Six gilt buttons shall be plugged through the left forepart aligned with the buttonholes. The buttons shall be positioned as stated in the Schedule. The buttons shall be stayed with flax canvas which shall be positioned by two rows of machine stitching ½in apart through the forepart and interlining.
- (4) Each forepart shall have an underarm dart, extending from the scye to the pocket, a breast dart approximately 8in long and a gorge dart approximately 4½in long positioned as in the Standard Pattern.
- (5) A sword slit, 4in long, shall be formed in the underarm dart of the left forepart and securely tacked at each end with the lower end of the sword slit 1½in above the pocket. The slit, stayed with stay tape, shall be closed with an inside flap with a buttonhole positioned centrally on the flap and a button sewn on the forepart lining. A sword hook shall be securely stitched 1in behind

the opening inside the garment.

e. Pockets

- (1) The hip pocket shall be positioned on each forepart with the top of the pocket flap aligned with the lower button.
- (2) The lower edge of the pocket opening shall be jettied.
- (3) The flaps shall be 7in long and 2½in wide and be shaped as in the Standard Pattern.
- (4) An inside breast pocket shall be formed in the lining of the left forepart. The pocket mouth shall be six inches long.

f. Facings

The facing shall finish approximately 1½in wide at the shoulder seam tapering to approximately 3in wide at the bottom and be shaped as in the Standard Pattern.

g. Back

- (1) The two-piece back shall have a centre seam and a vent approximately 16½in long with a centrally positioned button fastening.
- (2) A slash, shaped as in the Standard Pattern, shall be fitted on each back at the waist with one edge sewn in with the side seam. One button shall be sewn on each slash at natural waist to enable belt to be fitted.

h. Belt

A belt, shaped as in the Standard Pattern, shall be fitted to the garment at the natural waist reducing the back waist by two inches.

j. Collar

- (1) The top collar shall be one-piece and the undercollar four-piece as in the Standard Pattern.
- (2) The collar shall be interlined with collar linen which shall be secured to the undercollar by not less than 3 rows to the inch of machine padding stitches.
- (3) The collar shall be shaped as in the Standard Pattern.
- (4) One 22 ligne button shall be sewn to each side of the undercollar for attachment of throat tab.

k. Sleeves

- (1) The two-piece set-in sleeve shall be finished with a 2in upturn with the lining sewn by hand or machine at the cuff and by hand at the armhole.
- (2) Shoulder pads and sleevehead rolls of white wadding shall be fitted as in the Standard Pattern.

1. Throat tab

A throat tab, shaped as on the Standard Pattern, shall be formed of two thicknesses of material finished raw edge with two rows of stitching.

m. Lining

(1) The garment shall be fully lined.

(2) Two buttons shall be sewn to the lining below the pocket to retain the throat tab when not in use.

(3) One 35 ligne button shall be sewn on the left forepart lining, secured to the shank of the bottom button of the forepart, and finished with a  $\frac{3}{8}$ in neck.

n. Hanger

A hanger of four thicknesses of lining shall be securely sewn centrally on the inside collar stand immediately above the collar lining seam with an effective length of  $2\frac{1}{2}$ in between tacks.

o. Upturn

(1) The upturn shall finish  $2\frac{3}{8}$ in wide.

(2) The upturn shall be secured to the body of the garment. The stitching shall not show on the outside of the garment.

p. Attachment for shoulder straps

A loop of  $\frac{1}{2}$ in wide black prussian binding, finished  $1\frac{1}{2}$ in long with the ends turned in, shall be fitted to each shoulder by being box tacked at each end and centrally to form two channels  $\frac{1}{2}$ in wide and  $\frac{1}{2}$ in apart. The loop shall be  $\frac{1}{2}$ in from and parallel with the sleevehead seam. A becket of sewing thread shall be worked  $3\frac{1}{2}$ in from the loop consisting of at least 6 stitches,  $\frac{3}{8}$ in long, buttonhole stitched together. The loop and becket shall be positioned to ensure that detachable shoulder straps, when fitted, shall be central and lie flat on the shoulders.

q. Stitching

(1) The edges of the fronts, collar and flaps shall be stitched  $\frac{1}{2}$ in from the edge.

(2) Machine stitching shall be stitch type 301 of BS 3870 with at least 8 but not more than 11 stitches to the inch.

(3) Buttonholes, of the cut-before-worked type, shall have at least 24 stitches to the inch and be finished with a bar tack.

p. General

(1) The sewing threads used in the manufacture of the garments shall not be treated with oil or any oily substance.

(2) Soap shall not be used.

- (3) The garment shall be thoroughly cleaned of all ends of sewing threads, be pressed, free from gloss and delivered in a clean condition.

5. MEASUREMENT

Finished garments shall comply with the measurements shown in the Schedule. The Standard Pattern shall be used as a guide to govern measurements not shown on the Schedule.

6. MARKING

- a. Each garment shall have a cotton size label sewn on the lining at the centre back immediately below the collar seam. A cleaning instruction label shall be sewn below the size label. The edges of the labels shall be turned in.
- b. The size labels shall carry the following information clearly marked in ink to BS 2726 and arranged as shown below:  
For stock sizes, the name of the garment, Vocab. number, size, height, breast, manufacturer's name or initials and the contract number.

Specimen label

Stock Size

GREATCOAT, NAVAL OFFICERS
Vocab. Number
Size 7
Height 5ft 7in to 5ft 10in
Breast 40in
J. Smith & Co.
0/000/0000

Cleaning Instructions

Dry clean only (A) 60 (140)
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7. PACKAGING

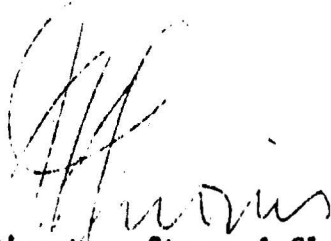
Packaging (preservation, identification and packing) shall be in accordance with the terms of the contract.



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8. INSPECTION

Inspection shall be carried out to the satisfaction of the Inspection Authority named in the contract.

  
Director, Stores & Clothing  
Research & Development Establishment

Colchester

/MMK

APPENDIX

Agency	Rating	Method of Test
Light	6	BS 1006 (Xenon lamp)
Wet rubbing	4-5	BS 2677
Wet pressing change of shade and staining cotton	4-5	BS 2676
Sea water change of shade and staining cotton and wool	4-5	BS 2682
Dry cleaning	4-5	BS 3661/20 using trichloroethylene

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Amendment No 2 incorporating amendment No 1

Amendment No 1

Delete all reference to B2726 Marking Inks.

Marking. The alternative materials and methods of marking and application given in specification UK/SC/4528 are permitted. Colour fastness of the marking shall be as required by specification UK/SC/4528.

Amendment No 2

Cover Delete: Item name  
insert: COAT, MAN'S, NAVAL OFFICERS

Page 1 Delete: Item name  
insert: COAT, MAN'S, NAVAL OFFICERS  
insert: NATO Stock Number 8405-99-135-7513 to 7524

Page 7 Specimen label

Stock Size

Delete: Item name  
Insert: COAT, MAN'S, NAVAL OFFICERS  
8405-99-135-7519  
41307

Page 9 SCHEDULE Delete: Item name  
insert: COAT, MAN'S, NAVAL OFFICERS

insert: new column

NATO Stock Nos 8405-99- 135-
7513
7514
7515
7516
7517
7518
7519
7520
7521
7522
7523
7524

## SCHEDULE

## GREATCOAT, NAVAL OFFICERS

All measurements are in inches unless otherwise stated

Vocab Nos.	Size	Measurements of Man				Measurements of Garment														
		Height ft in	Breast	Waist	Seat	Breast	Waist without belt	Seat	Bottom edge vent closed	Length of			Half back	Sleeve		Collar end to bottom button	Length of vent	Length of collar at seam		
										back to NW	back to full length	front collar seam to full length		full length	Width at					
															Elbow				Cuff	
41301	1	5	3	34	30	36	52	47	52	62				8	30½	17	14			18
41302	2		to	36	32	38	54	49	54	64				8½	31	17	14	18	15	18½
41303	3			38	34	40	56	51	56	66	16½	42	40	8½	31½	17½	14½			19
41304	4	5	6	40	36	42	58	53	58	68				8½	32	17½	14½			19½
41305	5	5	7	36	32	38	54	49	54	66				8½	32½	17	14			18½
41306	6		to	38	34	40	56	51	56	68				8½	33	17½	14½	19	16	19
41307	7			40	36	42	58	53	58	70	17½	45½	43½	8½	33½	17½	14½			19½
41308	8	5	10	42	38	44	60	55	60	72				9	34	18	15			20
41309	9	5	11	38	34	40	56	51	56	70				8½	34½	17½	14½			19
41310	10		to	40	36	42	58	53	58	72				8½	35	17½	14½	20	17	19½
41311	11			42	38	44	60	55	60	74	18½	49	47	9	35½	18	15			20
41312	12	6	2	44	40	46	62	57	62	76				9½	36	18	15			20½

Vent underlap - 4in at bottom

Buttons position from front edge - Top button - 9½in 4th button - 8½in  
2nd " - 9½in 5th " - 6½in  
3rd " - 9½in bottom " - 5½in

Girth measures taken edge to edge.