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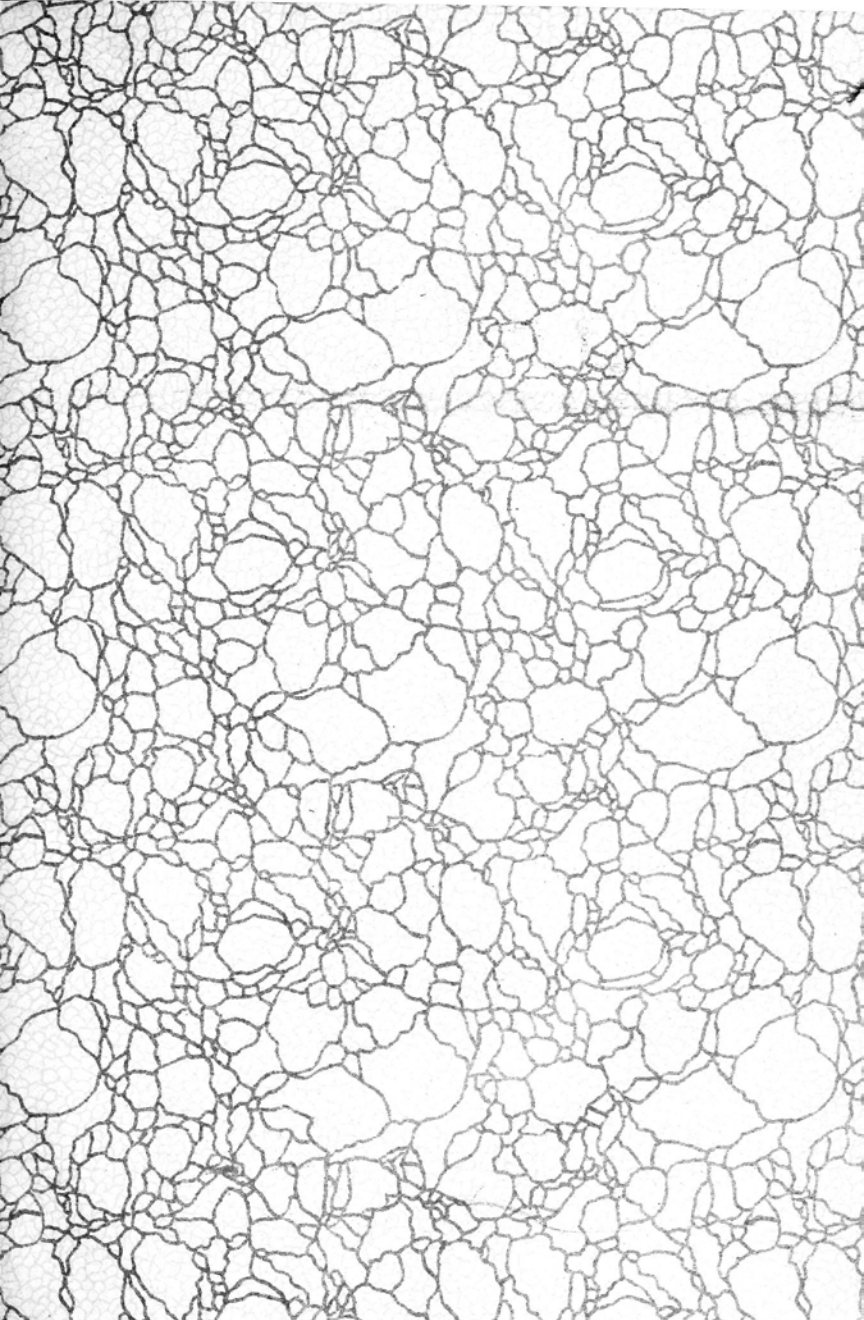
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FORT LEAVENWORTH, KANSAS

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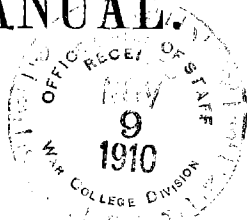
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FIELD SERVICE MANUAL.

1910.

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INFANTRY BATTALION. (EXPEDITIONARY FORCE.)

NOTE.—Field Service Manuals are not the authority for the supply of war outfit of units. The details laid down in latest Mobilization Store Tables, Equipment Regulations, Clothing Regulations, &c., will be followed.

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(a) See also Section 8.

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THE GENERAL SERVICE SCHOOLS

FORT LEAVENWORTH, KANSAS

Section 1. GENERAL NOTES

1. The tables contained in this Manual are drawn up on the basis of a campaign in a civilized country, and in a temperate climate. When mobilization takes place under different conditions, certain modifications will become necessary, and will be notified from the War Office. Basis of establishment and outfit.

2. The normal war establishment of an infantry battalion, showing its composition as regards personnel and animals, is given in Section 2, and no men or horses in excess of the "total battalion" will be allowed to accompany the unit in the field, except as provided for in para. 9. War establishment.

The three subalterns (signalling, machine gun and transport officers), shown in italics, are not included as such in the total battalion, but form part of the company establishment of officers.

With the exception of the warrant officer and staff serjeants, the details of the battalion headquarters (other than officers), sleep and mess with their companies, unless otherwise provided for.

3. The transport of a battalion is shown after its war establishment. Transport. The transport is divided in the field as follows:—

1st line (which always accompanies the battalion on the march): S.A.A. carts; G.S. limbered wagons for tools; Maltese cart; limbered wagon for machine guns; and pack and spare animals. 1st line.

2nd line (which marches as directed in orders): water carts and G.S. wagons. 2nd line.

The personnel for 2nd line transport is provided by the Army Service Corps; these men join the battalion on mobilization fully armed and equipped. A.S.C. drivers.

Spare drivers for 2nd line transport are included in the war establishment of the Army Service Corps company from which the 2nd line transport drivers are detached.

4. Spare draught horses are allowed at the rate of 10 per cent. A driver is allowed for each pair of spare horses. Horses, spare.

Veterinary arrangements.

The horses and transport animals of an infantry battalion belonging to a division are in the veterinary charge of the veterinary officer with the divisional transport and supply column. Those of the battalion with army troops are in charge of the veterinary officer with the army troops transport and supply column. The administrative veterinary officer with the headquarters of the inspector-general of communications will detail a veterinary officer to take charge of the animals of a battalion on the lines of communication.

Shoeing.

The shoeing of horses and transport animals will be carried out by the battalion cold shoers, assisted by the farriers of the Army Service Corps company from which the 2nd line transport drivers of the battalion are detached.

Medical and sanitary arrangements.

5. An officer for medical charge, and rank and file for water duties, etc., are provided by the R.A.M.C. One N.C.O. and eight privates per battalion are trained in sanitary duties. On arrival in camp they are available for sanitary duties, and are placed under the orders of the medical officer for camp sanitation purposes, working in conjunction with the R.A.M.C. personnel attached. At all other times they take their places in the ranks.

Bâtmén.

6. Bâtmén in the field are allowed at the rate of one for each dismounted officer, or mounted officer with one horse, and two for each mounted officer with two horses.

All bâtmén are fully armed and trained soldiers, and are available for duty in the ranks.

Reinforcement.

7. Drafts to replace wastage are calculated for infantry at the rate of 80 per cent. during the first year of a war. The first portion of these drafts mobilizes with the battalion unless otherwise ordered, and proceeds with it as far as the overseas base: this portion is known as "first reinforcement," and is calculated at 10 per cent. of rank and file.

Other details shown in the table as "left at the base" also mobilize with the battalion; the orderly-room serjeant is attached to the base record office; the remainder are attached with the first reinforcement to one of the infantry base dépôts.

War outfit.

8. War outfit is the material of all kinds which a unit requires for war.

The method of carrying it is laid down in Sections 3-7.

Equipment.

(a) The equipment required on mobilization is laid down in the mobilization store table for an infantry battalion (expeditionary force).

Clothing & necessities.

(b) The clothing and necessities required on mobilization are detailed in the Regulations for the Clothing of the Army, Part III.

Supplies, medical & veterinary stores.

(c) Details of the scale of supplies will be found in War Establishments and Allowance Regulations; medical and veterinary stores in Regulations for Army Medical and Veterinary Services respectively.

Stationery.

(d) The stationery considered necessary for an infantry battalion in the field is shown in "Tables of Books, Army Forms and Stationery required on Mobilization by units of the Field Army," issued with Army Orders. A list of contents is pasted inside the lid of the stationery box.

9. Blankets for personnel are not included in the normal scale of war outfit; but, when specially ordered, one blanket per man will be carried. This necessitates an addition of two G.S. wagons to the normal scale of transport; the extra personnel, horses and vehicles required, are shown in a note on the war establishment table (p. 9). **Blankets,**

10. General requisites, such as spare parts, and materials for repair, are calculated on the assumption that it will be possible to replenish them at intervals of about a fortnight. **Replenish-ment of stores.**

11. The arrangements for bringing a battalion up to War Establishment in men and horses, and for the completion of its war outfit are laid down in Mobilization Regulations. **Mobiliza-tion.**

12. Orders for movement, when mobilization is complete, will be issued from the War Office to General Officers Commanding-in-Chief.

Section 2.—WAR ESTABLISHMENT AND TRANSPORT.

AN INFANTRY BATTALION. WAR ESTABLISHMENT.

Detail.	Personnel.						Horses and Mules.				Remarks.
	Officers.	Warrant officers.	Staff-serjeants and serjeants.	Drummers or buglers.	Rank and file.	Total.	Riding.	Draught.	Pack.	Total.	
Headquarters.											
Lieutenant-colonel	1	...	...	...	...	1	2	...	...	2	
Major	1	...	...	...	...	1	1	...	...	1	
Adjutant	1	...	...	...	...	1	1	...	...	1	
Quarter-master	1	...	...	...	...	1	1	...	...	1	
Transport officer (a)	...	...	...	...	...	...	1	...	...	1	
Signalling officer (a)	...	...	...	...	...	...	1	...	...	1	
Serjeant-major	...	1	...	...	...	1	...	...	...	...	
Quarter-master-serjeant	...	...	1	...	...	1	...	...	...	...	
Orderly-room clerk (b)	...	...	1	...	...	1	...	...	...	...	
Serjeant-drummer	...	...	1	...	...	1	...	...	...	...	
Pioneer-serjeant	...	...	1	...	...	1	...	...	...	...	
Serjeant-cook	...	...	1	...	...	1	...	...	...	...	
Transport-serjeant	...	...	1	...	...	1	1	...	...	1	
Signalling-serjeant	...	...	1	...	...	1	...	...	...	...	
Serjeant-shoemaker	...	...	1	...	...	1	...	...	...	...	
Drivers (1st line { for vehicles	...	...	...	...	7	7	...	14	...	14	
transport) { for spare animals	...	...	...	...	3	3	...	4	2	6	
Orderlies for medical officer (c)	...	...	...	...	2	2	...	1	...	1	
Bâtmen (d)	...	...	...	...	6	6	...	...	...	...	
Total	4	1	8	...	18	31	8	19	2	29	

Attached :—

Armourer	...	...	1	...	...	1	...	...	...
Drivers, A.S.C. (2nd line transport)	...	...	...	...	10	10	...	20	20
R.A.M.C.	1	...	...	...	5(e)	6	1	...	1
Total headquarters (including attached)...	5	1	9	...	33	48	9	39	50
<i>Machine-gun section.</i>									
Subaltern (a)	...	...	...	...	...	...	1	...	1
Serjeant	...	...	1	...	...	1	...	...	...
Corporal	...	...	...	...	1	1	...	...	...
Privates... ..	...	...	...	...	12	12	...	...	...
Drivers (1st line transport)...	...	...	...	...	2	2	...	4	4
Total machine-gun section	...	...	1	...	15	16	1	4	5
<i>Company.</i>									
Major or captain (f)	1	...	...	...	...	1	...	...	...
Subalterns	2	...	...	...	...	2	...	...	...
Colour-serjeant	...	...	1	...	...	1	...	...	...
Serjeants	...	...	4	...	...	4	...	...	...
Drummers or buglers	...	...	...	2	...	2	...	...	...
Corporals	...	...	...	...	5	5	...	...	...
Pioneer (g)	...	...	...	...	1	1	...	...	...
Privates... ..	...	...	...	...	93	93	...	...	...
Signallers (j)	...	...	...	...	4	4	...	...	...
Stretcher-bearers	...	...	...	...	2	2	...	...	...
Drivers for pack animals (1st line transport)...	...	...	...	...	2	2	...	2	2
Bâtmen (d)	...	...	...	...	3	3	...	...	...
Total company (h)	3	...	5	2	110	120	...	2	2

(a) One subaltern of the battalion will act as transport officer, one as signalling officer, and one as machine-gun officer.

(b) The orderly-room clerk may be of the rank of corporal, in which case he will be deducted from the serjeants and added to the rank and file.

(c) Two men (one a lance-corporal), trained for the duties, will be placed under the orders of the medical officer. The private drives the cart for medical equipment.

(d) Bâtmen are fully armed and trained soldiers, and are available for duty in the ranks.

(e) Includes a corporal.

(f) The two senior company commanders may be mounted if the G.O.C. considers it advisable.

(g) Two companies will each have two pioneers and 92 privates.

(h) Including bandsmen. On mobilization the band of a Line battalion is broken up and the bandsmen are distributed among the companies. A battalion of Foot Guards has no band. The two extra colour-serjeants of a battalion of Foot Guards will, on mobilization, replace the serjeant and corporal of the band.

(j) One company per battalion will have 1 corporal and 3 privates. In the remaining companies one of the four signallers may be a lance-corporal.

Section 2.—War Establishment and Transport—continued.

An Infantry Battalion—continued.

WAR ESTABLISHMENT—continued.

Detail.	Personnel.							Horses and Mules.				Remarks.
	Officers.	Warrant officers.	Staff-serjeants and serjeants.	Drummers or buglers.	Rank and file.	Total.	Riding.	Draught.	Pack.	Total.		
<i>Recapitulation.</i>												
Headquarters (including attached)	5	1	9	...	33	48	9	39	2	50		
Machine-gun section	...	...	1	...	15	16	1	4	...	5		
8 companies	24	...	40	16	880	960	...	...	16	16		
Total battalion (l)	29	1	50	16(k)	928	1024	10	43	18	71		

NOTE.—The above establishment includes 8 lance-serjeants (1 per company) and 49 lance-corporals (orderly for medical officer with headquarters, and 6 per company, the latter including signallers).

DETAILS LEFT AT THE BASE. (Not included in the above totals.)

Orderly-room serjeant	...	...	1	...	...	} 105	...	...	...	...	
Serjeant of the band	...	...	1	...	...		...	...	...	...	
Serjeant-master-tailor	...	...	1	...	...		...	...	...	...	
Storemen	...	...	...	...	8(m)		...	...	...	...	
First re-inforcement... ..	1	...	2	...	91		...	...	...	...	

(k) Battalions with pipes will have one serjeant-piper and five pipers in addition. (m) One storeman will mobilize with each company.

(l) 1 N.C.O. and 8 men are trained in sanitary duties.

TRANSPORT.

Detail.	Vehicles.	Drivers.	Horses and Mules.		Remarks.	
			Draught.	Pack.		
1st line.						
Headquarters	bicycle, for intercommunication ...	1	...	...	(n) Medical officer's orderly.	
	cart, { S.A.A.	5	5	10		...
	Maltese, for medical equip-	1	1(n)	1		...
	ment	2	2	4		...
	wagons, limbered, G.S., for tools...	...	8	4		2
Machine-gun section ...	drivers for spare animals ...	...	8	4	(o) Provided by the Army Service Corps for 2nd line transport vehicles.	
	wagon, limbered, G.S., for 2	...	...	...		...
	machine-guns, tripods and am-	1	1	2		...
	munition	1	1	2		...
Companies	cart, S.A.A.	1	1	2	...	
	bicycles, for intercommunication	4	...	...	...	
	(1 per 2 companies)	4	...	...	...	
	pack animals, { for ammunition	...	8	...	8	
	(1 per company)	...	8	...	8	
2nd line.						
Headquarters	cart, water	2	2(o)	4	...	
	wagons, G.S., for baggage, stores,	4	8(o)	16	...	
	and supplies	4	8(o)	16	...	
Total	21	39	43	18		

NOTE.—When specially ordered, one blanket per man is carried, and 2 G.S. wagons in addition will be required. For these vehicles, 4 extra A.S.C. drivers and 8 extra draught horses will be added to the 2nd line transport of the battalion.

Section 3.—FIELD KITS.

A.—OFFICERS.

Detail of articles taken into the field by each officer.

Notes :—1. The following list is drawn up as a general guide, and the articles in it may be varied, but the total weight (exclusive of camp kettles) of 50 lbs. for a commanding officer, or 35 lbs. for other officers, to be carried in regimental transport, must not be exceeded.

2. Wherever names of articles appear in italics the weight of the articles so printed is accounted for in a total given elsewhere in the Table.

Articles.	Number, how carried, and weight.				Remarks.
	Dismounted— on the person.	Mounted officers.		In regimental Transport.	
		On the person.	On the horse.		Approximate weight of each.
CLOTHING AND PERSONAL EFFECTS.					(a) Packed in valise.
Boots, lace pairs	1 (b)	1	...	1 (a)	lbs. ozs. 2 11
Braces"	1	1	...	...	0 4
BRUSHES { <i>HAIR</i>	...	...	1 (c)	1 (d)	...
{ <i>SHAVING</i>	...	...	1 (c)	1 (d)	...
{ <i>TOOTH</i>	...	...	1 (c)	1 (d)	...
Caps { <i>forage</i>	...	...	...	1 (a)	0 9
{ <i>SLEEPING</i> (in pocket of cloak) ...	1	...	1	...	0 3½
Cloak (or greatcoat), with sleeping cap in pocket	1	...	1	...	7 5
COME	...	...	1 (c)	1 (d)	...
Compass, magnetic, pocket	1	1	...	...	0 4
Disc, identity, with cord	1	1	...	...	0 0½
Dressing, field	1	1	...	...	0 2
FORK, table	...	...	1 (c)	1 (e)	...
Grease or vaseline... tin	...	...	1	1 (d)	0 2
Handkerchief	1	1	...	...	0 2
Helmet and pagri ...	1	1	...	...	0 13½
Holdall { (f)	...	...	1	...	1 8
{ (g)	...	...	...	1 (a)	1 0
Housewife	...	...	...	1 (a)	0 4
Knives { <i>clasp</i> , with ring and swivel ...	1	1	...	...	0 6
{ <i>TABLE</i>	...	...	1 (b)	1 (e)	...
Leggings (or puttees) pairs	1 (b)	1	...	1 (a)	0 13
Map	1	...	1	...	0 2
Matches boxes	1	1	...	...	0 1
Portfolio, with writing materials	...	...	...	1 (a)	1 0
RAZOR	...	...	1 (f)	1 (g)	...
Shoes, canvas ...pairs	...	...	...	1 (a)	1 5
Soap pieces	...	...	1 (e)	1 (d)	0 3
Socks	1	1	1	1 (a)	0 4
SPOON	...	...	1 (f)	1 (e)	...
Spurs pairs	...	1	...	...	0 12
Suit, service dress... ..	1 (b)	1 (h)	...	1 (a)	4 13
Towels	...	1	...	2 (a)	0 13
Underclothing ... suits	1	1	1	1 (a)	3 0
Watch, in wrist strap	1	1	...	...	0 4
					(b) Officers of kilted regiments wear in lieu, apron garters hosetops kilt shoes spats which add about 1 lb. 12 oz. to the weight of the clothing.
					(c) In holdall packed in wallet.
					(d) Dismounted officers only—in holdall packed in valise.
					(e) One camp kettle is allowed for every three officers, who pack into it their cups, plates, and pepper and salt pots. Dismounted officers pack, in addition, their knives, forks and spoons.
					(f) Mounted officers only. Contains knife, fork, spoon, razor, hairbrush, shaving brush and toothbrush.
					(g) Dismounted officers only. Contains comb, razor, hairbrush, shaving brush and toothbrush.

A.—OFFICERS—continued.

Articles.	Number, how carried, and weight.					Remarks.
	Dismounted— on the person.	Mounted officers.		In regimental transport.	Approximate weight of each.	
		On the person.	On the horse.			
EQUIPMENT, ETC.						
A.B. 153 ...	1	1	...	...	lbs. ozs. 0 10	
AMMUNITION , <i>Webley</i> <i>pistol</i> ... rounds	12	12	...	...	...	
Bags , nose, G.S., with 6 lbs. corn ...	...	...	1	...	7 0	(h) Jacket and riding breeches.
Belt , Sam Browne, including ammunition pouch, revolver and case, and also frog for dis- mounted officers ...	1	1	...	...	4 8½	(j) Mounted officers carry the emergency ration in wallets.
Brush , horse, in nosebag	...	...	1	...	0 10	
Bucket , canvas ...	...	...	...	1 (a)	1 5	
CUP , enamelled, drinking	...	...	1	1 (e)	...	
Cutters , wire ... pair	1	...	1	...	1 4	(k) Heelropes are allowed for use with restive horses, on a scale of 25 per cent. An additional peg is issued with each heelrope.
Field glass or telescope (or both) in one case ...	1	...	1	...	2 0	
Haversack , with unused portion of bread or biscuit ration (say 12 oz.); and emergency ration (9½ oz.) ...	1	1 (j)	...	...	2 0½ 2 10	
Kettle , camp ...	...	...	...	1 (e)	...	
Lantern , collapsible, with talc sides ...	...	...	...	1 (a)	0 12	(l) In case on Sam Browne belt. There is no special pattern of revolver, but it must carry Government ammunition.
Mess tin (sealed pattern)	1	...	1	...	1 9	
PAD , surcingle ...	...	...	1	...	...	
Peg , picketing ...	...	...	1 (k)	...	1 3	
PLATES , enamelled ...	...	...	...	2 (e)	...	
Pocket book , field service	1	1	...	...	0 6½	
POTS , for pepper and salt ...	...	...	...	2 (e)	...	
RATIONS { unused portion of bread or biscuit ration (in haversack) ...	1	1	...	...	0 12	(m) Includes weight of saddle blanket. Saddle blankets for officers' horses are carried in transport vehicles on the march.
emergency ration	1	...	1 (j)	...	0 9½	
REVOLVER ...	1 (l)	1 (l)	...	...	2 3½	
Ropes { heel... ..	...	...	1 (k)	...	0 11	
picketing ...	...	...	1 (k)	...	0 15	
Rubber , horse, in nosebag	...	...	1	...	0 10	
Saddlery , complete, with bridle and head rope set	...	...	1 (m)	...	38 0	(n) Weight when empty.
Shoe cases , each with shoe and nails ...	...	...	2	...	1 10	
Sword , scabbard and sword knot ...	1	...	1	...	3 0	
Valise , Wolseley or other pattern ...	...	...	...	1	11 3 (n)	
Waterbottle (filled), with carrier and strap ...	1	1	...	...	3 12	
Whistle and lanyard ...	1	1	...	...	0 2½	

NOTES.

1. Officers may leave at the base a bullock trunk packed with 100 lbs. of **personal baggage**. This reserve baggage will be forwarded only when it may be deemed convenient to the service by the General Officer Commanding-in-Chief.

2. In addition to the foregoing list, officers may, at their own discretion, provide **saddlebags**. If an officer is allowed more than one horse, saddlebags can be carried on the spare horse.

3. The mobilization equipment of a battalion includes for each officer's horse: 1 **nosebag**, 1 **picketing rope**, 1 **head rope**, 1 **picketing peg**, 1 **horsebrush**, 1 **rubber**. On mobilization all mounted officers will ensure that this provision has been made for their own horses.

4. Method of carrying articles on the horse, by mounted officers:—

Greatcoat.—Rolled 26 inches long, behind the saddle.

Headrope.—Round horse's neck, with a short coil (from 6 to 8 times) under the throat, the end of the coil being 6 inches from the lower ring of the headstall.

Mess tin.—Fastened by the off baggage strap to the off side of the saddle.

Nosebag.—When empty, on the off shoecase fastened to the baggage strap. When oats are carried, the strap of the nosebag must be fastened to the back arch of the saddle. The **horsebrush** and **rubber** are carried in the nosebag.

Heel rope when carried.—Folded flat, and placed between the cantle of the saddle and the greatcoat.

Picketing peg.—Strapped on sword scabbard.

Field glasses.—On off side.

Shoecases.—One on each side.

Sword.—On the near shoecase, edge to the rear.

5. The **saddle blankets** of officers' horses are carried in the G.S. wagons.

6. The two **telescopes** for reconnaissance, when not specially required, are in the personal charge of the commanding officer and adjutant (one each).

B—WARRANT OFFICERS. NON-COMMISSIONED OFFICERS AND MEN.

Detail of articles taken into the field by each man

NOTE.—Wherever names of articles appear in *italics* the weight of the articles so printed is also included in a total given elsewhere in the Table.

Articles.	Number per man.						Approximate weight of each.	Remarks.
	Warrant officers, staff sergeants and sergeants.	Rank and file.	Drummers, buglers, and pioneers	Transport *serjeant.	Regimental *drivers.			
CLOTHING AND NECESSARIES, ETC.						lbs. ozs.		(a) For kilted regiments substitute:—
Boots, ankle ... pair	1 (a)	1 (a)	1 (a)	1	1	3 14		Apron, kilt ... 0 12
Braces	1 (a)	1 (a)	1 (a)	1	1	0 4½		Gaiters, Highland 0 9½
BRUSHES { <i>SHAVING</i> (in holdall) ...	1	1	1	1	1	0 1		Garters and rosettes ... 0 2
TOOTH (in holdall) ...	1	1	1	1	1	0 1		Hosetops ... 0 5
CAP, comforter (in pack) ...	1	1	1	1	1	0 3½		Kilt ... 3 9
COMB (in holdall) ...	1	1	1	1	1	0 1		Shoes, Highland ... 2 6
Disc, identity ...	1	1	1	1	1	0 0½		
Drawers, { cotton (a) pair ...	...	...	...	1	1	0 15½		
woollen ...	1 (a)	1 (a)	1 (a)	...	...	1 1		
DRESSING, field (in skirt of jacket) ...	1	1	1	1	1	0 2		
FORK (in haversack) ...	1	1	1	1	1	0 3½		
GREATCOAT (in pack) ...	1	1	1	1	1	6 8		
Helmet, Wolsley ...	1	1	1	1	1	0 14½		
HOLDALL (with shaving and tooth brushes, comb, razor and case, laces, soap) in pack ...	1	1	1	1	1	0 12¾		
HOUSEWIFE, fitted (in pack) ...	1	1	1	1	1	0 3½		
Jacket, service dress (b) ...	1	1	1	1	1	2 6		(b) Troops wearing khaki drill sent on active service from a warm to a temperate climate will be supplied with service dress jackets as soon as available.
Knives, { TABLE (in haversack) ...	1	1	1	1	1	0 2½		
clasp, with marline spike, tin opener and lanyard ...	1	1	1	1	1	0 7½		
LACES, spare (in holdall) pair	1	1	1	1	1	0 0½		
Leggings, drivers ...	...	...	...	...	1	1 14		
Pantaloon, cord ... pair	...	...	...	1	1	2 6		
PAYBOOK, A.B.64 (in pack) ...	1	1	1	1	1	0 2		
Puttees (a) ... pair	1	1	1	1	1	0 13		
RAZOR and case (in holdall) ...	1	1	1	1	1	0 3		
Shirt, flannel ...	1	1	1	1	1	1 1½		
SOAP (in holdall) ... piece	1	1	1	1	1	0 3		
Socks, worsted (c) pairs	2	2	2	2	2	0 4½		
SPOON (in haversack) ...	1	1	1	1	1	0 2½		(c) One pair in use; one pair in pack.
Spurs, jack ... pair	...	...	...	1	1	0 15½		
Titles, metal, for shoulder straps ...	2	2	2	2	3	0 0½		
TOWEL, hand (in pack) ...	1	1	1	1	1	0 9		
Trousers, service dress (a) pair	1	1	1	...	...	1 15		
Waistcoat, cardigan	1	1	1	1	1	1 6		

* Some additional articles carried by transport serjeant and drivers are enumerated in Table C, page 16.

† In warm weather the cardigan may be carried in the pack.

B. — WARRANT OFFICERS, NON-COMMISSIONED OFFICERS AND MEN—*continued.*Detail of articles taken into the field by each man—*continued.*

Articles.	Number per man.					Approximate weight of each.	Remarks.
	Warrant officers, staff sergeants and sergeants.	Rank and file.	Drummers, buglers, and pioneers.	Transport *serjeant.	Regimental *drivers.		
EQUIPMENT.							
Bandolier equipment, pattern 1903:—						lbs. ozs.	
Belts, waist ...	1 (g)	...	...	...	...	0 5½	
Pockets, cartridge, 15 rounds ...	2 (g)	...	...	...	...	0 2½	
Bottle, water, enamelled (with 2 pints of water) carriage, and shoulder strap ...	1	1	1	1	1	3 13	
Cartridges, small arm, ball, .303 inch, cordite rounds	25 (d)	150	90	150	150	(e)	(d) N.C.Os. equipped as staff-serjeants only. For further details <i>re</i> ammunition <i>see</i> Section 7A.
Haversack, G.S. or N.P., containing:—							
(i) Unused portion of bread or biscuit ration (say 12 ozs.)	1	1	1	1	1	2 15½	(e) A ten-round packet weighs 10½ ozs.
(ii) Emergency ration							
(iii) Knife, fork, and spoon ...							
Implement, intrenching, pattern 1908 (in carriers) ...	1 (h)	1	1	...	...	2 8	(h) N.C.Os. armed as staff-serjeants do not receive an intrenching implement.
MESS TIN AND COVER, with unexpended portion of meat ration (in pack)...	1	1	1	1 (i)	1	2 0	(i) The transport serjeant has a mounted pattern mess tin, with strap.
Rifle, short, M.L.E., with oil-bottle, pull-through, and sling ...	1	1	1	1	1	8 14½	
Sword bayonet, with scabbard and frog ...	(f)	1	1	1	1	1 5	(f) N.C.Os. armed as staff-serjeants have no bayonet.
Valise equipment, pattern '88:—							(g) Armourer only.
Straps, { greatcoat ...	1 (g)	...	...	...	...	0 1½	
{ mess tin ...	1 (g)	...	...	...	...	0 1½	
Web equipment, pattern 1908:—							
Belts, waist ...	1	1	1	1	1	0 18	
Braces, with buckle ...	2	2	2	2	2	0 4½	(j) The following are carried in the pack:—
Carriers, { left ...	1	1	1	1	1	5 10½	Cap, comforter | Mess tin
{ right ...	1	1	1	1	1	5 10½	Greatcoat | Pay book
Pack (j) ...	1	1	1	1	1	12 5½	Holdall | Socks
Straps, supporting ...	2	2	2	2	2	...	Housewife | Towel
Whips, drivers ...	...	...	...	...	1	1 0	(k) But not below the rank of corporal.
Whistles, infantry ...	1	1 (k)	...	1	...	0 2	

NOTE.—A ground sheet, weight 2 lbs. 8 ozs., is carried in regimental transport for each warrant officer, non-commissioned officer and man.

* Some additional articles carried by drivers are enumerated in Table C, page 16.

ADDITIONAL ARTICLES CARRIED.

Articles.	No. per battalion.	Approximate weight of each.		By whom carried.	Remarks.
		lbs.	ozs.		
<i>Musical Instruments.</i>					
Bugles, with strings (a) ...	8	1	7	Buglers or drummers	(a) Rifle and light infantry battalions require 17 (instead of 8) bugles and strings, but are not entitled to any of the other musical instruments.
Drums (a) { bass (with apron) ...	1	20	8	Bass drummer.	
{ side (with apron) ...	8	8	12		
Flutes (a) { B Flat ...	6	0	5	} Drummers.	
{ F ...	2	0	8		
Piccolos (a) { E Flat ...	1	0	3		
{ F ...	1	0	2½		
Pipes (b) ...	6	...	...	Pipers.	
<i>Signalling Equipment.</i>					
Binoculars in cases (c) ...	9	1	14	} Signallers.	(b) Scots Guards and Highland battalions only.
Cases, message book, with forms, pencils, and manuals	8	2	14		
Compasses, prismatic, in cases ...	8	0	2		
Flags, { blue, 2 ft. square ...	16	0	1½		
{ white, with stripe, signal, ...	16	0	1½		
{ 2 ft. square ...	16	0	1½		
{ poles, 3 ft. 6 in. ...	32	0	5		
Telescopes, signalling, with stands (c) ...	8	3	2	}	(c) Exclusive of those for reconnaissance.
Watches ...	8	0	7		
<i>Reconnaissance Equipment.</i>					
Binoculars { in cases ...	32	1	14	Section commanders	
{ prismatic, in cases	2	2	15	Machine gun section	
Telescopes, signalling, with stands ...	2	3	2	As convenient. See note on page 12.	
<i>Miscellaneous.</i>					
Cutters, wire, in frogs ...	24	1	4	2 pairs per company, remainder by pioneers.	
Dirks, scabbards, and loops	6 (b)			Pipers.	
Mekometers, complete sets	5	6	7	Range-takers.	
Pistol, Webley, with cleaning rod, lanyard, case, ammunition pouches (2), and 12 rounds ...	6 (b)	3	11½	Pipers.	
Reflectors, mirror, S.A. ...	24	0	1	Senior company N.C.Os.	
Saws, folding, complete, in leather case ...	32	1	12½	4 per company.	(d) Regimental stretcher bearers wear an armlet on the right arm above the elbow, when actually employed as such.
Stretchers, ambulance ...	8	34	0	1 per company: in Maltese cart on the march, and by stretcher bearers in action (d)	

C.—ADDITIONAL ARTICLES CARRIED ON THE HORSES OF 1ST LINE TRANSPORT.

The following are carried on the horses of the transport serjeant and regimental drivers :—

Articles.	Trans- port Serjeant (on the horse).	No. on horse.		Approximate weight of each.	
		Near	Off	lbs.	ozs.
Bags, nose, G.S. each with 6 lbs.					
corn	1	..	2	7	0
Brushes, horse	1	..	2	0	10
Harness sets	..	1	1	{ 73	0
				{ 75	0
Pads, surcingle (on surcingle under horse)	1	1	1	0	10
Pegs, picketing, with rope loops	1	1	1	1	3
Ropes, heel	1	1	1	1	1
Rubbers, horse	1	..	2	0	4
Saddlery, complete, with saddle, blanket and headrope .. set	1	..	..	29	4

Instructions for A.S.C. drivers will be found in A.S.C. training, Part I.

NOTES.

The packs of the transport serjeant and of the regimental drivers of 1st line transport vehicles may be carried on the vehicles. Those of drivers of spare horses and of pack animals will be on the man.

Saddle blanket.—Under the riding saddle. Saddle blankets for horses with luggage saddles are carried in the vehicles, on the march.

Heelropes are allowed for use with restive horses on a scale of 25%. An additional peg is issued with each heelrope.

Picketing gear (or any part of it) may, at the discretion of the commanding officer, be carried in the regimental transport vehicles.

Nose bags (with horsebrush and rubber).—When luggage saddle is worn on the off horse, one on each side of the luggage saddle, fastened to the near arch (or ring with O.P. saddle).
Carried in the wagon when luggage saddle is not worn.

D.—ARTICLES LEFT AT THE BASE BY EACH MAN.

Kit bags, containing the spare kit detailed below, will be taken as far as the oversea base by each man, and will be left in charge of company storemen at the Infantry Base Depot to be forwarded only as may be deemed convenient to the Service by the General Officer Commanding-in-Chief.

Articles.	No.	Remarks.
<i>Clothing.</i>		
Boots, ankle (a) pair	1	(a) Shoes, Highland, for kilted regiments.
Cap, service dress (or glengarry) ..	1	
Drawers (b) pair	1	(b) Kilted regiments two pairs.
Jacket, service dress (c)	1	
Shoes, canvas (if in possession) pair	1	(c) Serving soldiers of Foot Guards, kilted regiments and Highland Light Infantry will take their white jackets, and will leave them at the base, instead of service dress jackets.
Trousers, service dress (d) ..	1	
<i>Necessaries.</i>		
Badge, cap	1	
Braces (e) pair	1	(d) Trews for serving soldiers of kilted regiments, tweed or tartan trousers for Foot Guards.
Brush, hair	1	
Hosetops (e) pair	1	
Shirt, flannel	1	
Socks, worsted pair	1	(e) Kilted regiments only.
Towel, hand	1	
<i>Special articles</i>		
Bag, clothes	1	

The boots (or Highland shoes) will be tied together, with the soles outwards, the regimental number of the man and the name and number of the battalion being chalked or otherwise legibly marked on the soles. The boots (or shoes) will be placed in the mouth of the kit bag to admit of their being readily withdrawn, should it be necessary to order them to be forwarded to the troops in the field.

E.—ARTICLES CARRIED BY SPARE HORSES.

1 SPARE RIDING HORSE	}	PER BATTALION.
4 SPARE DRAUGHT HORSES		

Each spare horse will carry one of each of the following articles :—

Bag, nose, G.S.
Bit, bridoon, pattern 1884.
Blanket, saddle.
Brush, horse.
Collar, head, Mark III.
Pad, surcingle.
Peg, picketing, with rope loop.
Reins, bit.
Ropes, { head.
 { picketing.
Rubber, horse.
Surcingle, leather.

In addition to the above, the following articles are distributed amongst the spare horses in the proportion shown :—

Buckets , water, G.S., canvas	...	1 per 2 horses.
Ropes , heel		1 per 4 horses.

LIBRARY

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Section 4.—PACK TRANSPORT LOADS.

A.—PACK ANIMAL FOR SMALL-ARM AMMUNITION.

(1 ANIMAL PER COMPANY.)

Articles.	No. per animal.	Approximate weight.		Remarks.
		lbs.	ozs.	
Bags, { ammunition, canvas	1	1	2	
line gear, with pair of spare shoes	1	1	8	
nose, G.S. (with unexpended forage)	1	6	0	
Blanket, saddle	1	5	4	
Brush, horse	1	0	10	
Cartridges, S.A., ball. .303-inch, cordite (charger packed) (a) boxes	2	161	0	(a) Each containing 1,000 rounds.
Packsaddle, G.S., small (with cover and lashing) set	1	60	0	
Peg, picketing, with rope loop	1	1	3	(b) Not allowed for pack horses.
Pin, picketing (b)	1	2	6	The pin must not be carried in the line gear bag.
Rope, heel	1	0	11	
Rubber, horse	1	0	4	(c) 4 canvas buckets, etc., which are distributed amongst the whole of the pack animals.
Share of additional gear (c) say	..	2	0	
Total equipment and load	..	242	0	

B. PACK ANIMAL FOR TOOLS.

(1 ANIMAL PER COMPANY).

Articles.	No. per animal.	Approximate weight.		Remarks.
		lbs.	ozs.	
Axe, hammer-headed	1	2	10	(a) Each pack animal carries 9 picks and 14 shovels, distributed in the panniers as shown here to ensure the load riding evenly. (b) The picketing pin must not be carried in the line gear bag. (c) 2 Canvas buckets, etc., distributed amongst the whole of the pack animals.
Bags { line, gear, with pair of spare shoes	1	1	8	
{ nose, G.S. (with unexpended forage)	1	6	0	
Blanket, saddle	1	5	4	
Brush, horse	1	0	10	
Packsaddlery, G.S., small (with cover and lashing) set	1	60	0	
Panniers, intrenching tools:—				
Nearside { axes, pick 5 }	1 (a)	71	12	
{ shovels, G.S. 6 }				
Off side { axes, pick 4 }	1 (a)	71	0	
{ shovels, G.S. 8 }				
Peg, picketing with rope loop	1	1	3	
Pin, picketing (b)	1	2	6	
Rope, heel	1	0	11	
Rubber, horse	1	0	4	
Share of additional gear (c) say ..	..	2	0	
Total equipment and load	..	225	4	

C.—SPARE PACK ANIMALS.

(2 PER BATTALION.)

Each of the spare pack animals will carry one of each of the following articles :—

Bags, { line, gear.
 { nose, G.S.
Bit, bridoon.
Blanket, saddle.
Brush, horse.
Chain, collar, G.S., Mark III.
Collar, head.
Pad, surcingle.
Peg, picketing, with rope loop
Pin, picketing.*
Reins, bridoon.
Rope, heel.
Rubber, horse.
Surcingle.

In addition to the above, one

Axe, hammer head, and
Bucket, water, G S. canvas,

will be carried between the two spare pack animals.

* The picketing pin must not be carried in the line gear bag.

B. — MALTESE CART.

(1 PER BATTALION.)

Articles.	No.	Approximate Weight.		How packed.	Remarks.
		lbs.	ozs.		
Axes, { felling, curved helve	1	6	0	{ On the rear underside of the cart.	
{ pick, { head	1	4	8		
{ helve, 36 inch ferruled ..	1	3	4		
Board, inventory with list	1	0	11	{ As convenient.	
Brush, water carriage	1	0	10		
Bucket, water, G.S., leather	1	6	0	Strapped on axle bed.	
Cordage, tarred spunyarn, hemp, 3-thread lbs.	5	5	0	In the body of the cart.	
Grease, lubricating	3	3	0	In the grease box.	
Hook, bill	1	2	0	On the front underside of cart.	
Lashings, tarred, 1½-inch, 16-feet ..	4	6	12	{ On the body of the cart.	
Ropes, drag, light, G.S. .. pair	1	6	6		
Shovels, G.S.	2	7	0	One on each side.	
Total equipment	..	51	3		(a) Cover.
Maltese cart (with components, accessories (a), and spare parts (b)	..	733	0		(b) Carried in the pocket on the off side, and consisting of— Pins, linch, 3rd class .. 1 Washer, drag, 3rd class, "B" 1
Cart equipped (c)	..	784	3	=7 cwt., about.	(c) Approximate only; weight varies according to Mark.

D.—G.S. LIMBERED WAGON.

(3 PER BATTALION.)

Articles.	No.	Approximate weight.		How packed.	Remarks.	
		lbs.	ozs.			
FORE PORTION.						
Board, inventory, with list	1	0	11	Locker near side.	(a) Comprising— Hammer, claw, 14-oz.. 1 Pincers, carpenters, pr. 1 Screwdriver, G.S. 6-in. 1 Spanner, McMahon, 9-in. 1 (b) The following spare parts are carried in the near side locker, fore portion— Blocks, brake, field and transport 2 Collar, adjusting, 2nd class, "C," capped wheels 1 Pins, linch, 2nd class, "C," capped wheels 1 Washer, drag, 2nd class "C," capped wheels 1	
Brush, water, carriage	1	0	10	Near side.		
Buckets, water, G.S., leather	2	12	0	Under.		
Cordage, spunyarn, hemp, tarred, 3 thread lbs.	5	5	0	Near side.		
Grease, lubricating "	3	3	0	In the grease box.		
Ropes, drag, light, G.S... .. pair	1	6	6	Off side.		
Tools, opening, S.A.A. boxes set (a)	1	3	10	Locker, near side.		
HIND PORTION.						
Grease, lubricating lbs.	3	3	0	In the grease box.		
Total equipment	..	34	5			
G.S. limbered wagon (with components) covers and spare parts (b)	..	1,235	8			
G.S. limbered wagon, equipped..	..	1,269	13	=11½ cwt.		

E.—G.S. WAGON. .
(4 PER BATTALION.)

Articles.	No.	Approximate Weight.		How packed.	Remarks.
		lbs.	ozs.		
Axes, { felling, curved helve .. 1 6 0 { head .. 1 4 8 { pick, { helve, 36-in., .. 1 3 4 ferruled .. 1 0 11				In the locker.	(a) Cover. (b) Swingletree 1; and the following, packed in the locker:—
Board, inventory, with list .. 1 0 11					
Buckets, water, G.S., leather 2 12 0				Slung under the wagon.	
Brush, water, carriage .. 1 0 10				In the locker.	Blocks, brake, field and transport 2 VII to X*
Cordage, tarred, spunyarn, hemp, 3-thread .. lbs. 5 5 0					Lashings, tarred, 1½ in., 32 ft.† 1 III to X*
Grease, lubricating .. lbs. 6 6 0				In the grease boxes.	Pins, lynch:—
Hook, bill 1 2 0				In the locker.	2nd class 1 IX and X†
Ropes, drag, light, G.S. pr. 1 6 6				Strapped under the raves, off side.	3rd class 1 III to X
Shovels, G.S. 2 7 0				In the locker.	Washers, drag:—
Total equipment 53 7					2nd class, C 1 IX and X†
G.S. wagon (with components, accessories (a), and spare parts (b)) 1,932 8					3rd class, B 1 III to X
G.S. wagon equipped (c) 1,985 15				= 17¾ cwt. about.	(c) Approximate only; weight varies, according to Mark.

† Lashings, white, 1 inch, 32 feet; when 1½ inch tarred lashings are used up.

‡ Also Marks VI to VII** with 2nd class hind axletrees.

Section 6.—CART AND WAGON LOADS.

The distribution of the loads carried by regimental transport, shown in this section, has been arrived at after a series of packing trials, and a departure from it would only be justified by exceptional circumstances. For purposes of calculation, the approximate load for a G.S. wagon with four horses has been taken as 3,000 lbs. The weights of individual items in the loads, of different marks of wagons, and of individual wagons of the same Mark may be found to vary.

A.—SMALL ARM AMMUNITION CART. (6 PER BATTALION.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
<i>In the Locker.</i>				
Bags, ammunition, canvas	8	9	0	(a) One S.A.A. cart carries a box (300 rounds), another carries 36 rounds. The remainder carry no pistol ammunition
Cartridges, S.A., ball, Webley pistol (a) box	1	3	10	
Valise, horseshoe, with 1† set of shoes and nails	1	60	0	
<i>In the Body.</i>				
Blanket, saddle (b)	1	5	4	The S.A.A. cart with the machine-gun section carries, in addition, 4 spare belts, ammunition, Maxim.
Cartridges, S.A., ball, .303 inch (c) boxes	16*	1,288	0	
Load	..	1,311	14	(d) Approximate only; weight varies according to Mark.
S.A.A. cart equipped (cf. page 23) (d)	..	986	10	
Total loaded S.A.A. cart	..	2,298	8	= 20½ cwt., about.

* On mobilization one of the S.A.A. carts will have 14·7 instead of 16 boxes, but when actually in the field all S.A.A. carts will be fully loaded. See footnote to Section 7A.

† The S.A.A. cart with Machine Gun Section has 1½ sets in horseshoe valise.

(1 PER BATTALION.)

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C.—CART, WATER (FILTER).

(2 PER BATTALION.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
Blanket, saddle (a)	1	5	4	(a) For the off horse.
Valise, horseshoe, with 2 sets of shoes and nails	1	12	0	
Water galls.	118	1,180	0	
Water cart, equipped (cf. page 25) (b)	..	1,490	12	(b) Approximate only; weight varies according to Mark.
Total loaded cart .. .	..	2,688	0	= 24 cwt. about.

D.—G.S. LIMBERED WAGON FOR MACHINE-GUN SECTION.

(1 PER BATTALION.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
FORE PORTION.				
Axes, pick, { head	1	4	8	
{ helve, 36-inch, ferruled	1	3	4	
Bags, sand, common	15	8	14	
Bar, carrying Maxim gun on tripod	1	1	10	
Belts, ammunition, Maxim, .303-inch (in boxes) (a) ..	14	292	8	(a) Each belt contains 250 rounds, S.A.A.
Box, spare parts and implements, Maxim (filled) (b) ..	1	31	0	(b) Contains, in addition to usual stores,
Cans, { lubricating No. 9 (c)	2	1	10	20 yards of spare cord for meko-
{ half-pint (d)	2	..	14	meters.
Cases, cans, .303-inch, tripod mountings	1	2	3	(c) One for mineral oil, one for oil,
Clinometer, field (in case)	1	2	8	petroleum, Russian, lubricating,
Drum, oil, 3-gallons, with bung (containing spare supply				packed in the case, can, .303-inch.
of water)	1	37	8	(d) One for oil, petroleum, Russian,
Flannelette yds.	6	..	4	lubricating; one for turpentine,
{ machine, protectors, muzzle	1	..	3	packed in the case, can, .303-inch.
Guns, { Maxim, { .303-inch, complete (in leather case, with	1	103	4	
{ cleaning rod and spare gun barrel) ..	1	..	1	
{ plug, cork, complete	1	2	0	
Hooks, bill	1	2	0	
Lamps, siege, candle, with stand (in box)	2	12	10	

D.--G.S. LIMBERED WAGON FOR MACHINE-GUN SECTION--*cont.*

(1 PER BATTALION.)

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
Linen, old (for cleaning) lbs.	1	1	0	
Mountings, tripod { .303-inch Maxim gun, Mark IV, com- plete (with hood, protecting)	1	50	0	
pins, joint, { crosshead	1	..	10	
elevating gear	1	..	5	
Muzzle attachment, for ball firing	1	1	7	
Plug, belt, Maxim, .303-inch	1	..	4	
Reflector, mirror, M.G., .303-inch	1	..	1	
Shovel, G.S.	1	3	8	
HIND PORTION.				
Axes, pick, { head	1	4	8	
{ helve	1	3	4	
Bags, sand, common	15	8	14	
Bar, carrying Maxim gun on tripod	1	1	10	
Belts, ammunition, Maxim .303-inch (in boxes) (a)	14	292	8	
Blanket, saddle (e)	1	5	4	(e) For the off-horse.
Box, spare parts and implements, Maxim (filled)	1	30	12	
Cans, { lubricating, No. 9 (c)	2	1	10	
{ half-pint (d)	2	..	14	

Cases, cans, .303-inch, tripod mountings	1	2	3
Clinometer, field (in case)	1	2	8
Drum, oil, 3-gallons, with bung (containing spare supply of water)	1	37	8
Guns, { machine, protector, muzzle	1	..	3
Maxim, { .303-inch, complete (in leather case, with cleaning rod and spare gun barrel) ..	1	103	4
plug, cork, complete	1	..	1
Hook, bill	1	2	0
Lamps, siege, candle, with stand (in box)	2	12	10
Luggage saddle, with appurtenances and articles as at (c) page 34 and (d) page 35	1	43	4
Machine, filling belts, Maxim, .303-inch, Mk. II (in chest) (f)	1	42	0
Mountings, { .303-inch Maxim gun, Mark IV, complete (with hood, protecting) ..	1	50	1
tripod { pins, joint, { crosshead	1	..	10
{ elevating gear	1	..	5
Muzzle attachment for ball firing	1	1	7
Reflector, mirror, M.G., .303-inch	1	..	1
Shovel, G.S.	1	3	8
Valise, horseshoe, with 2 sets of shoes, and nails	1	12	0
Load	..	1,224	9
G.S. wagon, equipped (cf. page 26) (g)	..	1,269	13
Total loaded G.S. limbered wagon, with machine-gun section	..	2,494	6

(f) The chest is carried loose in the vehicle, and the machine is clamped to the perch for use. 4 spare springs, action lever and 2 spare springs, pawl, are also in the chest.

(g) Approximate only; weight varies according to Mark.

= 22½ cwt., about.

D.—G.S. LIMBERED WAGONS FOR TOOLS.

(2 PER BATTALION.)

No. 1.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
FORE PORTION.				
<i>Fore part :—</i>				
Axes , pick ; helves, 36-inch, ferruled	38	123	0	(a) Containing, in addition to the usual set, a pair of pincers, horn, cutting.
Implements , intrenching, patt. '08, helves (spare) ..	11	5	8	(b) For the off horse.
Shovels , G.S.	27	94	8	(c) Carried in the wagon to enable the team to be used with shaft draught vehicles on emergency. The following is a detail of the appurtenances of the saddle :
<i>Rear part :—</i>				
Axes , { felling, curved helve	8	48	0	*bands, back 1
{ hand	4	9	0	*girths, luggage 1
{ pick, heads	38	171	0	numnah, felt, luggage.. .. . 1
Crowbars , 3 ft. 6 in.	4	46	0	*reins, side 1
Hooks , { bill	20	39	6	*straps { baggage 3
{ reaping	10	10	0	{ girth, Mark II 4
Nails , wire, iron, { 6-inch lbs.	1	1	0	surcingle, leather 1
grooved { 4 „	3	3	0	*tugs, backband 2
Shovels , G.S.	28	98	0	pannels, numnah, luggage pr. 1
				*Rolled in numnah and tied with surcingle.

HIND PORTION.

Bag, tool, farriers (filled) (a)	1	15	0	(d) The following will be carried on the luggage saddle by the off wheel horse in the event of the team being used with shaft draught in an emergency:—
Blanket, saddle (b)	1	5	4	
Box, candles, F.S. (filled)	4	6	12	
Implements, intrenching, patt. '08:—helves (spare)	12	6	0	
Lanterns, tent, folding	4	27	2	
Luggage saddle, with appurtenances (c) and articles (d)	1	43	4	
Panniers, signalling, filled	3	235	0	
Stands, lamp or helio	8	36	0	
Shoes, mule, with nails	8	8	0	bags, nose, with 6 lbs. corn .. 2
Valise, horseshoe, with 3 sets of shoes, and nails	1	20	8	*brushes, horse.. .. 2
				rubbers, horse.. .. 2
				*sponges, 7 drachms .. 2
				pad, surcingle 1
				peg, picketing † 1
				rope { heel ‡ 1
				{ picketing 1
Load	..	1,050	12	*One of each in rubber, in mouth of nosebag.
G.S. limbered wagon equipped (cf. page 26 (e))	..	1,269	13	†Plus one, additional, when heelrope is carried.
Total loaded G.S. limbered wagon No. 1 ..	..	2,321	9	‡25% only; for restive horses.
				(e) Approximate only; weight varies according to Mark.
				= 20½-cwt., about.

NOTE:—The removable partition in the hind portion must be removed to admit of the above system of packing.

D.—G.S. LIMBERED WAGONS FOR TOOLS.

(2 PER BATTALION.)

No. 2.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
FORE PORTION.				
Fore part:—				
Axes, pick; helves, 36-inch, ferruled	38	123	0	
Implements, intrenching, patt. '08:—helves (spare) ..	12	6	0	
Shovels, G.S.	27	94	8	
Rear part:—				
Axes, { felling, curved helved	8	48	0	
{ hand	4	9	0	
{ pick, heads	38	171	0	
Crowbars, 3-ft. 6-in.	4	46	0	
Hooks, { bill	20	39	6	
{ reaping	10	10	0	
Nails, wire, iron, grooved, { 6-inch lbs.	1	1	0	
{ 4	2	2	0	
Shovels, G.S.	28	98	0	
HIND PORTION.				
Blanket, saddle (a)	1	5	4	(a) For the off horse.
Boxes, candles, F.S. (filled)	4	6	12	

Implements, intrenching, patt. '08 :—helves (spare) ..	12	6	0	(b) 24 5-ft. 6-in. poles, and 16 3-ft. 6-in. poles in a bundle.
Lanterns, tent, folding	4	27	2	
Luggage saddle, with appurtenances and articles as at (c) page 34 and (d) page 35	1	43	4	
Panniers, signalling, filled	3	232	0	
Poles, signalling (b)	40	26	0	
Valise, horseshoe, with 2 sets of shoes, and nails	1	12	0	
Load	..	1007	12	
G.S. limbered wagon, equipped (cf. page 26) (c)	..	1,269	13	(c) Approximate only; weight varies according to Mark. = 20½ cwt. about.
Total loaded G.S. wagon, No. 2	..	2,285	9	

NOTE :—The removable partition in the hind portion must be removed to admit of the above system of packing.

E.—G.S. WAGONS FOR BAGGAGE STORES AND SUPPLIES.

(4 PER BATTALION)

No. 1.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Box, candle, F.S. (filled)	1	1	11	
Forage, compressed bale	1	82	0	
Lantern, tent, folding	1	6	10½	
Reins, driving, long set	1	4	4	
Valise, horse-shoe, with 8 sets of shoes, and nails.. ..	1	20	0	
IN THE BODY.				
<i>Equipment and Stores :—</i>				
Baggage, { C.O.	1	50	0	
{ other officers	28	980	0	
Bag, tool, shoemakers (filled)	1	25	0	
Blankets, saddle (a)	10	52	8	(a) For officers' and off horses.
Boots, ankle, spare, assorted sizes (b) pairs	30	149	0	(b) Kilted battalions will carry, in lieu. 30 pairs of Highland shoes, assorted sizes.

Boxes , stationery, field (filled)	2	93	0	
Buckets , water, G.S., canvas	13	8	0	
Kettles , camp oval, { for officers (packed)	10	170	0	
12 quarts { for rank and file (c)	18	153	0	
Luggage saddle , with appurtenances and articles as at (c) page 34 and (d) page 35	1	43	4	
Ropes , drag, heavy pair	1	21	0	
Shafts , for S.A.A. carts, { No. 1, near	1	38	0	
(spare) { No. 19, off	1	53	0	
Sheets , ground (c)	293	732	8	(c) For personnel of battalion head- quarters, machine-gun section, and two companies.
Shoes , canvas, assorted sizes pairs	50	98	0	
Wheel , No. 27, for S.A.A. carts (spare), and 2 washers, axletree, 2nd class, C (point and shoulder) for S.A.A. carts (spare) (d)	1	230	0	(d) Secured with two 20 ft. and one 10 ft., tarred one-inch lashings.
Whip , driving	1	1	0	
Load	..	3011	13½	
G.S. wagon equipped (cf. page 27 (e))	..	1985	15	(e) Approximate only ; weight varies according to mark.
Total loaded G.S. wagon No. 1	..	4997	12½	= 44½ cwt., about.

E.—G.S. WAGONS FOR BAGGAGE, STORES AND SUPPLIES.

(4 PER BATTALION.)

No. 2.

Articles.	No.	Approximate weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Box, candle, F.S. (filled)	1	1	11	
Forage, compressed bale	1	82	0	
Handcuffs, common pairs	8	12	0	
Lantern, tent, folding	1	6	10½	
Reins, driving, long set	1	4	4	
Valise, horseshoe, with 3 sets of shoes and nails	1	20	0	
IN THE BODY.				
Equipment and Stores:—				
Bag, armourers (filled)	1	7	12	
Balances, spring, 80-lb.	2	7	6	
Blankets, saddle (a)	2	10	8	(a) For the off horses.
Blocks, tackle, G.S., 1½-inch cordage {	double	1	4	0
	snatch	1	2	7
Boxes, { articles for repair of saddlery	1	36	0	
{ with No. 2 clearing rod	1	1	2	
Brushes, harness, hard	20	8	12	
Buckets, water, G.S., canvas	12	7	8	
Cordage {	hemp, hawser, 3-strand. { 1½-inch .. fms	20	12	8
	white { 1-inch	36	9	0
	tarred, spunyarn, hemp lbs.	14	14	0

Dubbing	.. .. .	boxes	2	4	8	
Flannelette	.. .. .	yds.	390	12	0	
Implements, butchers	.. .. .	sets	2	74	0	
Jack lifting, G.S.	.. .. .		1	35	0	
Kettles, camp, oval, 12 quarts, for rank and file (b)	..		44	374	0	(b) For personnel of six companies.
Linen, old, for cleaning arms	.. .. .	lbs.	4	4	0	
Luggage saddle, with appurtenances and articles as at (c) page 34 and (d) page 35	.. .. .		1	43	4	
Oil, petroleum, Russian, lubricating	.. .. .	pints (c)	48½	68	0	(c) Packed in : —
Pannier, G.S. (filled with carpenters' tools and materials)	..		1	98	0	Two 3-gallon drums.
Picketing / mallets, heel peg	.. .. .		11	27	8	One pint oil bottle.
gear, { pegs, picketing, with rope loop	.. .. .	..(spare)	14	25	0	
Pole, No. 17, for G.S. limbered wagon (spare)	.. .. .		1	38	0	
Ropes, drag, heavy	.. .. .	pair	1	21	0	
Rugs, horse, small	.. .. .		3	21	0	
Sheets, ground (b)	.. .. .		702	1,755	0	
Wheel, No. 43, for G.S. limbered wagon	.. .. .	spare (d)	1	178	0	
Whip, driving	.. .. .		1	1	0	(d) Secured with two 20 ft. and one 10 ft. tarred one-inch lashings.
Load	.. .. .		..	3,026	8½	
G.S. wagon, equipped (cf. page 27) (e)	.. .. .		...	1,985	15	(e) Approximate only ; weight varies according to Mark.
Total loaded G.S. wagon No. 2	.. .. .		..	5,012	7½	= 44½ cwt., about.

E.—G.S. WAGONS FOR BAGGAGE, STORES, AND SUPPLIES.

(4 PER BATTALION.)

No. 3.

Articles.	No.	Approximate Weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Box, candle, F.S. (filled)	1	1	11	
Forage, compressed bale	1	82	0	
Knives, opening tins	4	3	0	
Lantern, tent, folding	1	6	10½	
Reins, driving, long set	1	4	4	
Valise, horseshoe, with 3 sets of shoes (and nails)	1	20	0	
IN THE BODY.				
<i>Equipment and Stores:—</i>				
Blankets, saddle (a)	2	10	8	
Luggage saddle, with appurtenances and articles as at (c) page 34 and (d) page 35	1	43	4	(a) For the off horses.
Wheel, No. 158 (or No. 200 in lieu), G.S. wagon, hind (spare) (b)	1	165	0	(b) Secured with two 20-ft. and one 10-ft. tarred one-inch lashings.
Whip, driving	1	1	0	(c) 11 cases, each 50-lbs. net.
<i>Supplies:—</i>				
Biscuits (c) rations	550	775	8	(d) 5 cases, each 50-lbs. net; plus 6 1-lb. tins loose.
Jam (d)	1,024	372	5	(e) 9 cases of 60 rations each.
Meat, preserved (e)	540	675	0	(f) 10 sacks at 80-lbs.; 1 sack at 52-lbs.; plus weight of sacks.
Oats (f)	71	874	0	
Load	..	3,034	2½	(g) Approximate only; weight varies according to Mark.
G.S. wagon equipped (cf. page 27) (g)	..	1,985	15	
Total loaded G.S. wagon No. 3	..	5,020	1½	= 44½ cwt., about.

E.—G.S. WAGONS FOR BAGGAGE STORES AND SUPPLIES.

(4 PER BATTALION.)

No. 4.

Articles.	No.	Approximate Weight.		Remarks.
		lbs.	ozs.	
IN THE LOCKER.				
Box, candle, F.S. (filled)	1	1	11	
Forage, compressed bale	1	82	0	
Knives, opening tins	4	3	0	
Lantern, tent, folding	1	6	10½	
Reins, driving, long set	1	4	4	
Valise, horseshoe, with 3 sets of shoes, and nails	1	20	0	
IN THE BODY.				
<i>Equipment and Stores:—</i>				
Blankets, saddle (a)	2	10	8	(a) For the off horses.
Luggage saddle, with appurtenances and articles as at (c) on page 34 and (d) page 35	1	43	4	(b) Secured with two 20-ft. and one 10-ft. tarred one-inch lashings.
Pole, draught, No. 7A, for G.S. wagon (spare)	1	40	0	
Wheel, No. 159, for G.S. wagon, fore (spare) (b)	1	132	0	
Whip, driving	1	1	0	(c) 10 cases each 50 lbs. net.
<i>Supplies:—</i>				
Biscuits (c) rations	500	705	0	(d) In 9 grocery panniers.
Groceries (d)	2,048	729	0	(e) 2 complete cases, each of two 1-gallon jars.
Limejuice (e)	1,280	100	0	(f) 9 cases of 60 rations each.
Meat, preserved (f)	540	675	0	(g) 8 complete cases, each of 2 one-gallon jars.
Rum (g)	1,024	400	0	(h) Approximate only; weight varies according to Mark.
Load	..	2,953	5½	= 42½ cwt. about.
G.S. wagon equipped (cf. page 27) (h)	..	1,985	15	
Total loaded G.S. wagon No. 4	..	4,739	4½	

Section 7.

DATA ON WHICH THE TRANSPORT OF AN INFANTRY BATTALION IS
CALCULATED.

TABLE A. - AMMUNITION.

I. APPROXIMATE AMOUNT OF AMMUNITION AVAILABLE.

Where carried.	No. of rounds per			Remarks.
	Rifle.	Pistol.	Machine Gun.	
On the soldier ..	150	12	—	For the purpose of arriving <i>approximately</i> at the number of rounds to be carried in ammunition columns the number of rifles in an infantry battalion is estimated at 1,000.
With machine guns ..	—	—	3500	
In regimental reserve ..	100	12	8000	
With field artillery brigade ammunition column ..	100	12	10000	
With divisional ammunition column ..	100	—	10000	
Total with field units ..	450	36	31500	

II. DISTRIBUTION OF S.A.A. (·303 INCH) FOR TRANSPORT PURPOSES.

A. Carried by Machine Gun Section :

In the G.S. limbered wagon carrying the two machine guns:—28 belts. packed in belt boxes, @ 250 rounds per belt 7000 rounds

In the S.A.A. cart allotted to machine gun section:—

In 16 1000-round boxes 16000

Total carried by M.G. section .. 23000

B. Carried by pack animals and 5 S.A.A. carts:—

(a) 8 pack animals, each two 1000-round boxes 16000

(b) 4 S.A.A. carts, each sixteen 1000-round boxes 64000

(c) 1 S.A.A. cart, 14·7 boxes* 14700

94700

C. Totals:—

(a) Carried on the person, including details at base and attached:

Infantry	8 staff serjeants @ 25 rounds	200
	27 drummers, buglers and pioneers @ 80	2160
	1048 other ranks @ 150	157200
A.S.C.	10 drivers @ 20	200
A.O.C.	1 armourer @ 20	20

Total carried on person .. 159780

(b) Carried by M.G. section (A above) .. 23000

(c) Carried by pack animals and 5 S.A.A. carts (B above) 94700

Total ·303 inch S.A.A. carried by a battalion .. 277480 rounds.

III. DISTRIBUTION OF PISTOL AMMUNITION.

(a) Carried on the person by—

29 officers @ 12 rounds 348 rounds.

(b) In transport—

1 S.A.A. cart (1 box, 300 rounds) .. 300 ..

.. (36 rounds) .. 36 ..

Total pistol ammunition carried by a battalion .. 684 ..

* The fifth S.A.A. cart is here shewn as carrying less S.A.A. than the other carts. This is in order to account exactly for the number of rounds shewn in the Mobilization Store Table, and the carts will be loaded in this manner on mobilization.

But when actually in the field all S.A.A. carts will be fully loaded, i.e., 16 boxes per cart.

B.—TOOLS. (GENERAL DISTRIBUTION.)

The following list comprises only some of the most important of the tools carried by an infantry battalion in the field and does not include tools for opening packages nor tools forming part of 'artificers' sets.

Detail.	Axes.				Crowbar.	Hooks.			Saws.		Shovels, G.S.	Remarks.
	Felling.	Hammer-headed.	Hand.	Pick.		Bill.	Reaping, large.	Implements, entrenching, pattern, '08.	Folding.	Hand.		
AVAILABLE IN 1ST LINE TRANSPORT.												
On the soldier	..	..	..	..	..	..	..	936	32	..	..	
On pack animals :—												
8 for tools (1 per company) ..	..	8	..	72	..	..	..	..	..	..	112	
1 spare	..	1	..	..	..	..	..	..	..	..	..	
Cart equipment :—												
1 Maltese cart	1	..	..	1	..	1	..	..	..	..	2	
In wagon loads :—												
No. 1 G.S. limbered wagon, for tools	8	..	4	38	4	20	10	..	..	..	55	
No. 2	8	..	4	38	4	20	10	..	..	..	55	
In G.S. limbered wagon, for machine gun	..	..	..	2	..	2	..	..	..	..	2	
Total in 1st line transport ..	17	9	8	151	8	43	20	936	32	..	226	
AVAILABLE IN 2ND LINE TRANSPORT.												
Wagon equipment :—												
4 G.S. wagons	4	..	..	4	..	4	..	..	..	*1	8	
Total in 2nd Line Transport ..	4	..	..	4	..	4	..	..	..	1	8	
Total with battalion in the field ..	21	9	8	155	8	47	20	936	32	1	234	

* Except the handsaw, which is included in the carpenter's tools.

C.—RATIONS AND FUEL.

DETAIL OF RATIONS CARRIED IN THE FIELD WITH INFANTRY BATTALIONS AND IN TRANSPORT AND SUPPLY COLUMNS AND PARKS FOR EACH OFFICER AND MAN.

How carried.	FIELD RATION.				Emergency ration.	Remarks.
	Meat. 1½ lbs. fresh or 1 lb. (nominal) preserved or salt meat. Bread. 1½ lbs. bread, or 1 lb. biscuits, or flour.	Groceries. Grocery ration—lb. oz. Tea - - 0 ½ Sugar - - 0 2 „ for limejuice ¼ Salt - - 0 ½ Pepper - - 0 ⅜	Jam, Limejuice, and Rum. lb. oz. Jam ration 0 4 gills Limejuice ration - ⅞ Rum ration - ½	Vegetables. ½ lb. fresh. or 2 oz. dried, or ¼ lb. pre- served fruit.		
On the soldier	1 (a)	—	—	—	1	(a) The day's ration issued the previous evening, less any portion consumed.
In regimental transport -	1	2 (b)	1 (c)	— (d)	—	(b) Carried in panniers. (c) Limejuice and rum to be issued at the discretion of the general officer commanding, on the recommendation of the medical officer.
In transport and supply columns to replace issues -	1	1	1	1	1	(d) To be issued when available, but not to be carried in regimental transport, when marching daily.
In transport and supply parks -	3	3	3	3	—	(e) Less any portion consumed of the ration carried on the soldier.
Total -	6 (e)	6	5	4	2	

NOTE.—No fuel will be carried normally, except the wood of the ration boxes, which will be issued for kindling purposes and be supplemented by fuel obtained locally.

The following table, which is inserted for the purpose of easy reference, shows the detail of supplies which would be required by a battalion for one day :—

Establishment 1,024 officers and men.
71 horses.

Biscuits	1,024 lbs.
Bread (in lieu of biscuits) ...	1,280 „
Groceries—Tea	40 „
Sugar	128 „
Sugar for lime juice	16 „
Salt	32 „
Pepper	1 ⁷ / ₈ „
Jam	256 „
Meat, preserved or salt ...	1,024 „
Oats	852 „
Vegetables—fresh (a) ...	512 „
or dried (a) ...	128 „
or	
Fruit, preserved (a)	256 „
Lime juice (b)	3 ¹ / ₂ galls.
Rum (c)	16 „

(a) To be issued when available, but not to be carried in regimental transport when troops are marching daily.

(b) Lime juice is issued when fresh vegetables are not supplied, or at the discretion of the G.O.C. on recommendation of the medical officer.

(c) Issued at the discretion of the G.O.C. on recommendation of the medical officer.

D.—FORAGE.

DETAIL OF FORAGE CARRIED IN THE FIELD WITH INFANTRY BATTALIONS, AND IN TRANSPORT AND SUPPLY COLUMNS
AND PARKS FOR EACH HORSE.

How carried.	Corn ration. 12 lbs.	Compressed forage.	Remarks.
On the horse	1 (a)	..	(a) The day's ration issued the previous evening, less any portion consumed.
In regimental transport	1	(b)	(b) One bale (82 lbs. gross weight) is carried in the locker of each G.S. wagon. This is only to be consumed by order of an officer.
In transport and supply column, to replace issues	1	(b)	
In transport and supply park	3	(b)	
Total	6 (c)	..	(c) Less any portion consumed of the ration carried on the horse.

NOTE.—The above scale of forage is applicable to a country where hay is available.

E.—SIGNALLING EQUIPMENT FOR AN INFANTRY BATTALION IN THE FIELD.

(CARRIED PARTLY BY THE SIGNALLERS, AND PARTLY IN SIX
SIGNALLING PANNIERS IN THE G.S. LIMBERED WAGONS FOR
TOOLS.)

Articles.	No.	Remarks.
A.F., C 2121 (ii) books	48 (a)	(a) 8 carried by sig- nallers.
Apparatus, limelight :—		
Bags, { gas, Mark III	4	
{ pressure, Mark II	1	
Case, { loose, pencils	1	
{ small lamp, spare parts, filled	1	
Cylinders, small pencil, filled, Mk. II	1	
Generators, { bottles, cleansing gas	1	
{ cans, tin	1	
{ retorts	2	
{ spanners, retort	1	
Lamp, small, Mark VII	1	
Binoculars , in cases	9 (b)	(b) Carried by sig- nallers.
Books , signalling, manual	9 (b)	
Cases , message book	8 (b)	
Compasses , prismatic, in cases	8 (b)	
Cotton , waste, white lbs.	2	
{ blue { 3 feet square	8	
{ 2 " "	16 (b)	
Flags , white	8	
signal, { with { 2 " "	16 (b)	
{ 2 " "	16 (b)	
army, { stripe, { 5 feet 6 inches	24	
{ 3 feet 6 inches	48 (c)	(c) 32 carried by sig- nallers.
Heliographs , 5-inch	8	
{ chimneys, ...	8 (d)	(d) All lamps are filled for service, a reserve of oil and wick for signalling lamps is carried in the trans- port and supply columns.
Lamps, signalling, "B" { glass (spare	16	
Methylated spirits galls.	1 (e)	
Oxygen mixture lbs.	24 (e)	
Panniers , signalling, No. 1	6	
Pencils	(f)	
Stands , { lamp or heliograph "A"	8	(e) 3 months' supply.
{ telescope, signalling	8 (b)	(f) Will be issued as required.
Telescopes , signalling	8 (b)	
Tubing , indiarubber, $\frac{3}{8}$ -inch feet	5	
Watches	8 (b)	

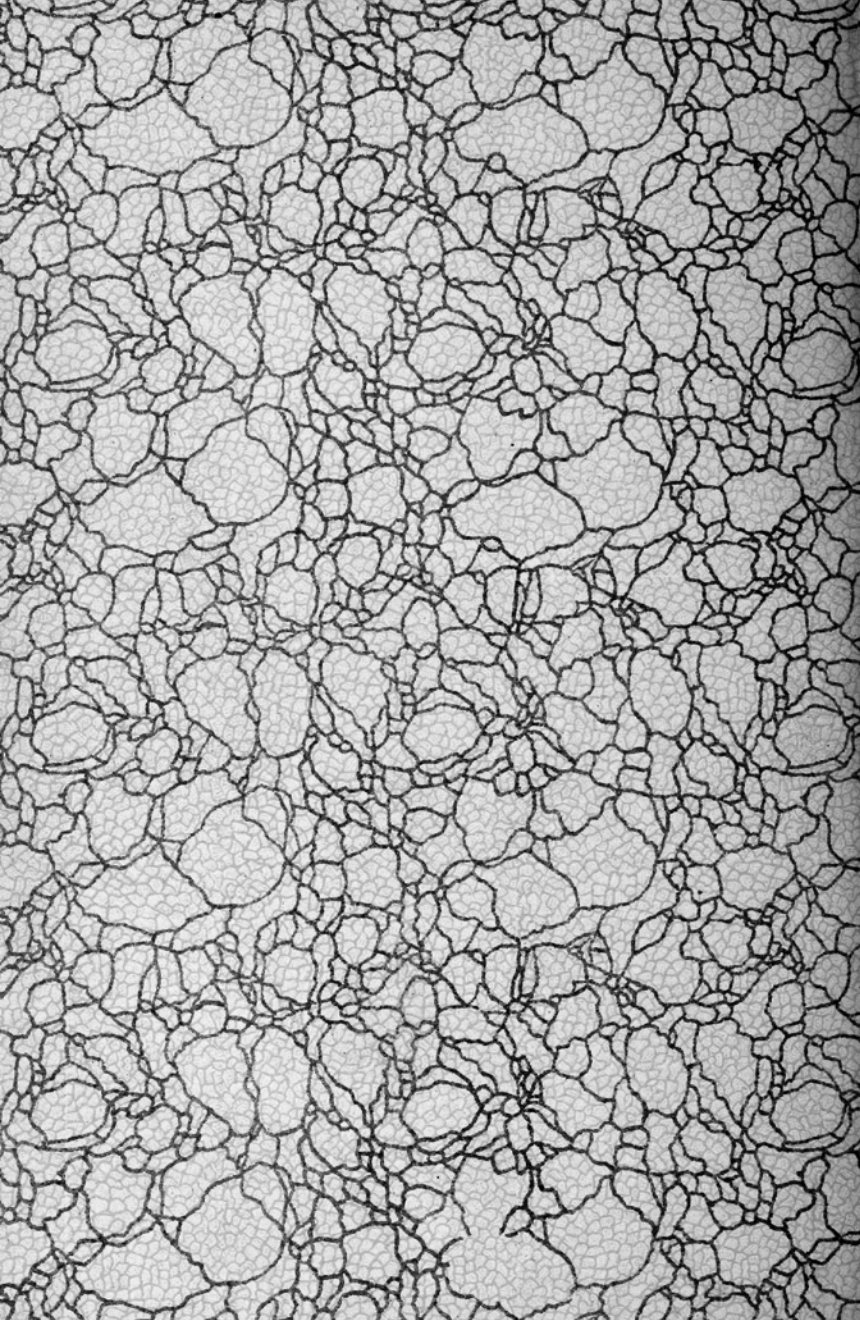
F.—SPARE COMPONENTS OF VEHICLES.

Detail.		Number and description of spare components carried in			
		No. 1 G.S. wagon.	No. 2 G.S. wagon.	No. 3 G.S. wagon.	No. 4 G.S. wagon.
POLES.	<i>Technical number</i> ..	..	No. 17.	..	No. 7A.
	<i>Number carried</i> ..	..	1.	..	1.
	<i>Weight</i> ..	..	38 lbs.	..	40 lbs.
	<i>For which vehicles</i> ..	..	G.S. limbered wagons.	..	G.S. wagons.
SHAFTS.	<i>Technical number</i> ..	No. 1 (near).	..	..	..
	<i>Number carried</i> ..	1	..	..	..
	<i>Weight</i> ..	38 lbs.	..	..	..
	<i>Technical number</i> ..	No. 19 (off).	..	..	..
	<i>Number carried</i> ..	1	..	..	..
	<i>Weight</i> ..	58 lbs.	..	..	..
	<i>For which vehicles</i> ..	S.A.A. carts.	..	..	..
SWINGLETREES.	The wagon equipment of each G.S. wagon includes a spare swingletree, No. 3A, 10A or 11, and this provision covers the requirements of the Maltese and water carts and G.S. limbered wagons, which use swingletrees of the same pattern as the G.S. wagon				
WHEELS.	<i>Technical number</i> ..	No. 27.*	No. 48.	No. 158.	No. 159.
	<i>Number carried</i> ..	1	1.	1.	1
	<i>Weight</i> ..	230.	178 lbs.	165.	132 lbs.
	<i>For which vehicles...</i>	S.A.A. carts.	G.S. limbered wagons.	G.S. wagon (hind).	G.S. wagon (fore).

* Or wheel No. 24 or 25 in lieu.

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