

**A FIELD (S.P.) REGIMENT, R.A. (105-MM)
IN AN ARMoured DIVISION**

WAR ESTABLISHMENT
(As agreed by Standardization Conference (1943))

(i) PERSONNEL

| Detail | Regimental headquarters | Three batteries (each) | | | | Total, battery | Total, a field (S.P.) regiment R.A. (105-mm) in an armoured division |
|---|-------------------------|------------------------|--------------------|---------------------|--------------|----------------|--|
| | | Battery headquarters | Two troops (each) | | Total, troop | | |
| | | | Troop headquarters | Two sections (each) | | | |
| Officer commanding (lieutenant-colonel) | 1 | | | | | | 1 |
| Majors (one in regimental headquarters to be second in command) | 1 | 1 | | | | 1 | 4 |
| Adjutant (captain) | 1 | | | | | | 1 |
| Technical officer (captain) | 1 | | | | | | 1 |
| Captains | | 1 | 1 | | 1 | 3 | 9 |
| Subalterns | 2 | 2 | 2 | | 2 | 6 | 20 |
| Quarter-master | 1 | | | | | | 1 |
| Total, officers | 7 | 4 | 3 | | 3 | 10 | 37 |
| Regimental serjeant-major | 1 | | | | | | 1 |
| Regimental quarter-master-serjeant | 1 | | | | | | 1 |
| Battery serjeant-majors | | 1 | 1 | | 1 | 3 | 9 |
| Total, warrant officers | 2 | 1 | 1 | | 1 | 3 | 11 |
| Battery quarter-master-serjeants | | 1 | | | | 1 | 3 |
| Duty serjeant | 1 | | | | | | 1 |
| Signalling serjeants | | 1 | | | | 1 | 3 |
| Survey serjeant | 1 | | | | | | 1 |
| Nos. 1 of guns | | | | 2 | 4 | 8 | 24 |
| Total, staff-serjeants and serjeants (excluding tradesmen) | 2 | 2 | | 2 | 4 | 10 | 32 |
| Tradesmen (a) | 18 | 18 | 7 | 5 | 17 | 52 | 174 |
| Bombardiers (includes 15 lance-serjeants) | 3 | 4 | 2 | 3 | 8 | 20 | 63 |
| Gunners (includes 33 lance-bombardiers) | 30 | 60 | 14 | 5 | 24 | 108 | 354 |
| Total, rank and file (excluding tradesmen) | 33 | 64 | 16 | 8 | 32 | 128 | 417 |
| Total, other ranks | 55 | 85 | 24 | 15 | 54 | 193 | 634 |
| Total, all ranks | 62 | 89 | 27 | 15 | 57 | 203 | 671 |
| Attached— | | | | | | | |
| R.A.M.C.—Medical officer | 1 | | | | | | 1 |
| R.E.M.E.— | | | | | | | |
| Armourer (serjeant) | 1 | | | | | | 1 |
| Electricians (vehicle and plant) (A.F.V.) (corporals) | | 1 | | | | 1 | 3 |
| A.C.C.—Cooks for— | | | | | | | |
| Officers' mess | 1 | 1 | | | | 1 | 4 |
| Other ranks mess (includes 1 corporal in each battery) | 2 | 5 | | | | 5 | 17 |

| Detail | Three batteries (each) | | | | | | Total, a field (S.P.) regiment R.A. (105-mm) in an armoured division |
|---|-------------------------|----------------------|--------------------|---------------------|--------------|----------------|--|
| | Regimental headquarters | Two troops (each) | | | | Total, battery | |
| | | Battery headquarters | Troop headquarters | Two sections (each) | Total, troop | | |
| Total, attached | 3 | 7 | | | | 7 | 26 |
| Total, a field (S.P.) regiment, R.A. (105-mm) in an armoured division | 67 | 96 | 27 | 15 | 57 | 210 | 697 |
| (ii) DISTRIBUTION OF TRADESMEN AND RANK AND FILE NON-TRADESMEN | | | | | | | |
| Tradesmen— | | | | | | | |
| Artificers, R.A. or fitters gun | | 1 | | | | 1 | 3 |
| Battery surveyors | 8 | | | | | | 8 |
| Clerk (R.A. clerks section) (serjeant) | 1 | | | | | | 1 |
| Clerks | 3 | 2 | | | | 2 | 9 |
| Driver-mechanics | 1 | 7 | 1 | 1 | 3 | 13 | 40 |
| Driver-mechanics (A.F.V.) (b) | 1 | | 2 | 2 | 6 | 12 | 37 |
| Driver-operators | | 4 | 3 | 2 | 7 | 18 | 54 |
| Equipment repairers | | 1 | | | | 1 | 3 |
| Storemen (technical) (includes 1 staff-serjeant in regimental headquarters) | 2 | 1 | | | | 1 | 5 |
| Vehicle mechanics | 2 | 2 | 1 | | 1 | 4 | 14 |
| Total, tradesmen | 18 | 18 | 7 | 5 | 17 | 52 | 174 |
| Non-tradesmen | | | | | | | |
| Ammunition numbers | | 5 | | | | 5 | 15 |
| Batmen | 6 | 10 | | | | 10 | 36 |
| Batmen-drivers | 2 | | | | | | 2 |
| Butchery dutyman | 1 | | | | | | 1 |
| Command post officers' assistants | | 4 | | | | 4 | 12 |
| Drivers, I.C. | 12 | 18 | 3 | | 3 | 24 | 84 |
| Gun numbers | | 8 | | 8 | 16 | 40 | 120 |
| Gun position officers' assistant | | | 2 | | 2 | 4 | 12 |
| L.M.G. numbers | 4 | 8 | | | | 8 | 28 |
| Medical officer's orderly (lance-bombardier) | 1 | | | | | | 1 |
| Motor-cycle orderlies | 3 | 3 | | | | 3 | 12 |
| Observation post assistants | 1 | 1 | | | 1 | 3 | 10 |
| Sanitary dutymen | 1 | 1 | | | | 1 | 4 |
| Signallers | | 4 | 10 | | 10 | 24 | 72 |
| Storemen | 1 | 1 | | | | 1 | 4 |
| Water dutymen | 1 | 1 | | | | 1 | 4 |
| Total, non-tradesmen | 33 | 64 | 16 | 8 | 32 | 128 | 417 |
| (iii) TRANSPORT | | | | | | | |
| Motor-cycles, solo | 5 | 5 | 1 | | 1 | 7 | 26 |
| Car, 4-seater, 4 x 4 | 1 | | | | | | 1 |
| Cars, 5-cwt., 4 x 4 (c) | 5 | 2 | 1 | | 1 | 4 | 17 |
| Trucks, 15-cwt., 4 x 2— | | | | | | | |
| G.S. | 3 | 1 | | | | 1 | 6 |
| Office | 1 | | | | | | 1 |
| Personnel | 1 | | 1 | | 1 | 2 | 7 |
| Fitted for wireless | | 1 | 1 | | 1 | 3 | 9 |

| Detail | Regimental headquarters | Three batteries (each) | | | | | Total, a field (S.P.) regiment R.A. (105-mm) in an armoured division |
|--|-------------------------|------------------------|--------------------|---------------------|--------------|----------------|--|
| | | Battery headquarters | Two troops (each) | | | Total, battery | |
| | | | Troop headquarters | Two sections (each) | Total, troop | | |
| Water | 1 | 1 | | | | 1 | 4 |
| Trucks, 15-cwt., half tracked (W/winch) (d) | | 2 | | 1 | 2 | 6 | 18 |
| Trucks, 15-cwt., 4 x 4, personnel (e) | | 3 | 1 | | 1 | 5 | 15 |
| Lorries, 3-ton, 4 x 4, G.S. | 4 | 12 | | | | 12 | 40 |
| Armoured observation posts | | 1 | | | | 1 | 13 |
| Tank observation post | 1 | | 2 | | 2 | 4 | 13 |
| Carriers, tracked, starting and charging, Mark II or III | | 1 | | | | 1 | 3 |
| Armoured car (f) | 1 | | | | | | 1 |
| S.P. mountings | | | | 2 | 4 | 8 | 24 |

(iv) WEAPONS

| | |
|--------------------|----|
| L.M.Gs., .303-inch | 23 |
| Ps. I.A.T. | 13 |
| Pistols, signal | 9 |
| Guns 105-mm | 24 |

(v) ORGANIZATION

This tablee is intended merely as a guide to officers commanding units and may be varied, within the number of ranks, tradesmen and vehicles provided, according to tactical or administrative requirements.

| REGIMENTAL HEADQUARTERS | | 15-cwt. truck, 4 x 2, water | Water dutyman |
|--|--|-----------------------------|--|
| Motor-cycle, solo | 1 Survey serjeant | | Driver, I.C. |
| Motor-cycle, solo | 2 Battery surveyor | 3-ton lorry, 4 x 4, G.S. | 1 Cook, A.C.C. |
| Motor-cycles, solo (each) | 3-5 Orderly | Cooking sets and rations | 5 batmen |
| 4-seater, car, 4 x 4 | Major or technical officer Subaltern (intelligence duties) Driver, I.C. | 3-ton lorry, 4 x 4, G.S. | 2 2 cooks, A.C.C. |
| 5-cwt. car, 4 x 4 | 1 Subaltern (survey officer) Battery surveyor | Cooking sets and rations | Butchery dutyman Driver, I.C. |
| 5-cwt. cars, 4 x 4 (each) | 2-3 2 battery surveyors | 3-ton lorry, 4 x 4, G.S. | 3 Regimental quarter-master-serjeant |
| 5-cwt. car, 4 x 4 | 4 Quarter-master Batman-driver | "Q" stores | Storeman Clerk Vehicle mechanic Driver, I.C. |
| 5-cwt. car, 4 x 4 | 5 Medical officer, R.A.M.C. Batman-driver | 3-ton lorry, 4 x 4, G.S. | 4 Staff-serjeant storeman (technical) |
| 15-cwt. truck, 4 x 2, G.S. | 1 2 battery surveyors | | Serjeant armourer, R.E.M.E. |
| 15-cwt. truck, 4 x 2, G.S. | 2 Medical officer's orderly Sanitary dutyman Driver, I.C. | | Storeman (technical) Vehicle mechanic Driver, I.C. |
| 15-cwt. truck, 4 x 2, G.S. | 3 Duty serjeant 2 L.M.G. numbers Driver, I.C. | Tank observation post | Lieutenant-colonel Observation post assistant Driver-mechanic (A.F.V.) Driver, I.C. |
| 15-cwt. truck, 4 x 2, office Office stores | Regimental serjeant-major 2 clerks Driver, I.C. | Armoured car | Technical officer or major Driver-mechanic Driver, I.C. |
| 15-cwt. truck, 4 x 2, personnel 2 L.M.Gs. P.I.A.T. | Adjutant Serjeant clerk (R.A. clerks section) Batman 2 L.M.G. numbers Driver, I.C. | | |
| | | BATTERY HEADQUARTERS | |
| | | Command | |
| | | Motor-cycle, solo | 1 Signalling serjeant |

| | | | | | |
|--|---------------|---|---|----|---|
| Moto-cycles, solo. (each) | 2-4 | Orderly | 3-ton lorry, 4 x 4, Petrol L.M.G. | 8 | 1 L.M.G. numbers Driver, I.C. |
| Motor-cycle, solo | 5 | Command post officer's assistant | 3-ton lorry, 4 x 4, Petrol L.M.G. | 9 | 2 L.M.G. numbers Vehicle mechanic Driver, I.C. |
| 5-cwt. car, | 1 | Battery serjeant-major Vehicle mechanic | 3-ton lorry, 4 x , "Q" stores L.M.G. | 10 | Battery quarter-master- serjeant Clerk Storeman Sanitary dutyman Driver, I.C. |
| 5-cwt. car, | 2 | Batman Driver, I.C. | 3-ton lorry, 4 x 4, M.T. stores L.M.G. | 11 | Storeman (technical) Equipment repairer Driver, I.C. |
| 15-cwt. truck, 4 x 2, fitted for wireless Wireless set | | Captain 2 driver-operators | 3-ton lorry, 4 x 4, Cooking sets and rations L.M.G. P.I.A.T. | 12 | 2 L.M.G. numbers 6 cooks, A.C.C. Driver, I.C. |
| 15-cwt. truck, 4 x 4, personnel Wireless set | 1 | Subaltern (command post officer) Command post officer's assistant Driver-operator Driver-mechanic | | | |
| 15-cwt. truck, 4 x 4, personnel Assistant command post officer's stores | 2 | Subaltern (assistant command post officer) Command post officer's assistant Driver-mechanic Driver, I.C. | | | |
| 15-cwt. truck, 4 x 4, personnel | 3 | 4-signallers Driver-mechanic Driver, I.C. | | | |
| Armoured observation post 2 wireless sets | | Major Observation post assistant Driver-mechanic Driver-operator | | | |
| Carrier, tracked, starting and charging L.M.G. | | Electrician, R.E.M.E. Driver-mechanic Driver, I.C. | | | |
| ADMINISTRATIVE | | | | | |
| 15-cwt. truck, water | | Water dutyman Driver, I.C. | | | |
| 15-cwt. trucks, half tracked 44 round ammunition | 1-2 (each) | Ammunition number Driver-mechanic | | | |
| 3-ton lorries, 4 x 4, (each) 94 rounds ammunition | 1-2 | Ammunition number Gun number Batman Driver, I.C. | | | |
| 3-ton lorry, 4 x 4, 93 rounds ammunition Camouflage stores | 3 | Ammunition number 2 gun numbers Driver, I.C. | | | |
| 3-ton lorry, 4 x 4, 93 rounds ammunition Cammouflage stores | 4 | 2 gun numbers Batman Driver, I.C. | | | |
| 3-ton lorries, 4 x 4, (each) 93 rounds ammunition | 5-6 | Gun number 2 batmen Driver, I.C. | | | |
| 3-ton lorry, 4 x 4, Petrol L.M.G. | 7 | Artificer, R.A. or fitter, gun 2 batmen Driver, I.C. | | | |
| EACH TROOP HEADQUARTERS | | | | | |
| | | Motor-cycle, solo | | | Signaller |
| | | 5-cwt. car, 4 x 4 | | | Battery serjeant-major Vehicle mechanic |
| | | 15-cwt. truck, 4 x 2, personnel | | | 4 signallers Driver, I.C. |
| | | 15-cwt. truck, 4 x 2, fitted for wireless Wireless set P.I.A.T. | | | Subaltern Gun position officer's assistant Driver-operator Driver, I.C. |
| | | 15-cwt. truck, 4 x 4, personnel | | | 5 signallers Driver-mechanic Driver, I.C. |
| | | Tank observation post | 1 | | Captain Observation post assistant Driver-operator Driver-mechanic (A.F.V.) |
| | | Tank observation post | 2 | | Subaltern (gun position officer) Gun position officer's assistant Driver-operator Driver-mechanic |
| TWO SECTIONS (EACH) | | | | | |
| | | 15-cwt. truck, half-tracked 44 rounds ammunition | | | Driver-mechanic |
| | | S. p. mountings (each) 1-2 (mounts gun) 69 rounds ammunition (including 12 rounds H.E., A.Tk) Wireless set | | | Serjeant (No. 1 of gun) Nos. 2-5 of gun Driver-operator Driver-mechanic |

- (a) The total repair tradesmen may be allotted the following additional ranks and appointments:—

| | |
|-------------------|---|
| Staff-serjeant | 1 |
| Serjeants | 2 |
| Lance-serjeants | 1 |
| Bombardiers | 3 |
| Lance-bombardiers | 3 |

If a battery organized on this W.E. is not regimented under a regimental headquarters, the following additional ranks and appointments may be allotted to repair tradesmen:—

| | |
|------------------|---|
| Serjeant | 1 |
| Bombardier | 1 |
| Lance-bombardier | 1 |

Non-repair tradesmen may be allotted a proportion of the rank and file N.C.O. ranks and appointments shown in table “(i)” subject to the maximum rank in each trade permitted to draw tradesmen’s rates of pay. Ranks and appointments specifically allotted to tradesmen in table “(ii)” will be additional to those shown in table “(i)”.

- (b) If driver-mechanics, (A.F.V.) are not available, driver-mechanics may be employed in lieu.
- (c) If a car, 5-cwt., 4 x 4, in each battery headquarters and troop headquarters is not available, 2 motor-cycles, solo for each car, 5-cwt., 4 x 4, may be issued in lieu.
- (d) If trucks, 15-cwt., half-tracked, are not available, one lorry, 3-ton, 4 x 4, G.S. per two trucks, 15-cwt., half-tracked may be issued in lieu.
- (e) If trucks, 15-cwt., 4 x 4, personnel are not available, armoured observation post s follows may be issued in lieu:—
- (i) On each battery headquarters—one armoured observation post fitted with wireless set and 2 armoured observation post not fitted with wireless sets.
 - (ii) On each troop headquarters—one armoured observation post not fitted with wireless sets.
- (f) In North-West Europeon theatre, one armoured observation post may be issued in lieu

NOTE ON FIRST REINFORCEMENTS AND ATTACHED PERSONNEL

Details left at base—

| | |
|--|---|
| <i>Serjeant clerk (R.A. clerks’ section)</i> | 1 |
|--|---|

First reinforcements—

| | |
|--|----|
| Captain | 1 |
| Subalterns | 4 |
| Serjeant | 1 |
| Bombardiers | 2 |
| Lance-bombardiers | 4 |
| Gunners (includes 3 battery surveyors. 3 driver-operators and 3 drivers, I.C.) | 43 |

Attached—

Signal troop, R.Signals—*see* W.E. for Armoured Divisional Signals (1943) in Vol. II

Light aid detachment, R.E.M.E.—*see* W.E. for A Light Aid Detachment, Type “D”, R.E.M.E. in Vol. II