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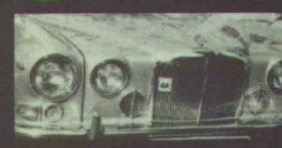
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Owing to the enormous response to the Advertiser's announcement in the Nov. Dec. 69 & January 70 issues of SOLDIER, it is regretted that he has not yet been able to acknowledge all applications.

As far as possible, replies are being sent in order of applicants' release dates. All applicants will receive an acknowledgement in due course.

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See-the-Army DIARY

In this regular feature **SOLDIER** keeps you up-to-date on tattoos, open days, exhibitions, at homes, Army displays and similar occasions on which the public is welcome to see the Army's men and equipment.

Amendments and additions to previous lists are indicated in bold type.

APRIL 1970

- 21 British national day, Osaka World Expo (or 23 or 25 April).
- 22 **1st Regiment, Royal Horse Artillery, freedom of Nottingham.**
- 23 Presentation new Colours to 1st and 5th battalions, The Royal Regiment of Fusiliers, Kirton Lindsey (St George's Day).
- 24 1st Battalion, The Gloucestershire Regiment, freedom marches through Bristol (24 April); Cheltenham (25 April); Gloucester (26 April).
- 26 Laying up old Colours 1st and 5th battalions, The **Lancashire Fusiliers**, Bury Parish Church.
- 29 Opening, Royal Northumberland Fusiliers Museum, Alnwick Castle (provisional).

MAY 1970

- 2 Mayflower opening ceremony, Plymouth (band, bugles).
- 2 **Open day, 14 Signal Regiment, Gloucester.**
- 3 Combined Cavalry Old Comrades 46th annual parade and memorial service, Hyde Park, London.
- 3 Anniversary celebrations, The Hague (band) (3-5 May).
- 4 Liberation of Brunssum (band, pipe band) (4-8 May).
- 5 Holland liberation tattoo (band, corps of drums) (5-7 May).
- 7 VE anniversary, Kolding, Denmark (band) (7-10 May).
- 8 International military music festival, Verviers, France (band, corps of drums) (8-10 May).
- 8 25th anniversary of VE Day.
- 10 At home, Women's Royal Army Corps Centre, Guildford.
- 16 Presentation new Colours to 3rd Battalion, The Royal Regiment of Fusiliers, Gibraltar (Albuhera Day).
- 22 Kneller Hall Band concert, Royal Festival Hall, London (for Army Benevolent Fund).
- 22 10th international festival of military music, Mons (pipe band) (22-26 May).
- 22 Massed bands display, Munster, Germany (10 military, 2 pipe bands) (22-23 May).
- 23 Burma reunion, Royal Albert Hall, London.
- 23 Allied Forces Day parade, Berlin.
- 23 Congleton carnival (Red Devils freefall team, motorcycle team, band).
- 23 Watford carnival (2 bands, Blue Eagles, arena display) (23-25 May).
- 24 Burma remembrance parade, Horse Guards Parade, and annual service, Cenotaph, Whitehall, London.
- 24 Tidworth tattoo (24-25 May).
- 25 New Addington fair (arena display).
- 25 Festival of London parade (bands).
- 25 SSAFA international air pageant, RAF Church Fenton, Yorkshire.
- 27 RUAS show, Balmoral, Northern Ireland (band) (27-30 May).
- 28 Army recruiting display, Aberdeen (band, pipes and drums, motorcycle team) (28-30 May).
- 29 Massed bands display, Herford, Germany (10 military, 2 pipe bands) (29-30 May).
- 30 Burley carnival (band, motorcycle team).
- 30 First rehearsal, Trooping the Colour, Horse Guards Parade, London.

JUNE 1970

- 4 Army recruiting display, Glasgow (band, pipes and drums, motorcycle team (?), arena display) (4-6 June).
- 5 Royal Artillery at home, Woolwich (bands, musical drive RHA, freefall, motorcycle team) (5-6 June).

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JUNE 1970

- 6 Nuneaton Army display (band, Red Devils, physical training, motorcycle team).
- 6 Second rehearsal Trooping the Colour, Horse Guards Parade, Whitehall, London.
- 6 Welwyn Garden City Round Table Stadium Gala (bands).
- 10 Newton Abbot trades fair (band, tentpegging, motorcycle team) (10-11 June).
- 11 Army recruiting display, Ayr (band, pipes and drums, motorcycle team, arena display) (11-13 June).
- 12 Coventry Army display (band, corps of drums, Red Devils, Blue Eagles, physical training, motorcycle team) (12-13 June).
- 13 Trooping the Colour, Horse Guards Parade, London.
- 13 7th international festival of music, Tournai, Belgium (band and pipe band) (13-14 June).
- 13 Massed bands beat Retreat, Catterick.
- 13 School of Infantry open day, Warminster.
- 13 Porchester carnival (2 bands, Red Devils).
- 13 Mayflower 70, Plymouth, Combined Services' Queen's birthday parade.
- 18 Queen's birthday parade, HQ SHAPE, Belgium.
- 19 Bexley tattoo (19-21 June).
- 20 Royal Signals 50th anniversary exhibition, School of Signals, Blandford.
- 20 Aldershot Army display (20-21 June).
- 20 Newham show, East Ham (band, arena display).
- 21 Royal Signals 50th anniversary cathedral service and march past, Salisbury (am); open day and pageant, School of Signals, Blandford (pm).
- 23 Mayflower 70, Plymouth tattoo, Royal Citadel (23-27 June).
- 23 Suffolk tattoo, Ipswich (23-27 June).
- 27 Massed bands display, Minden, Germany (7 bands) (or on 4 July).
- 27 Army recruiting display, Cardiff (band, corps of drums, Red Devils, Blue Eagles, motorcycle team) (27-28 June).
- 27 Military musical pageant, Wembley Stadium (for Army Benevolent Fund).
- 27 39 Engineer Regiment (Airfields) open day, Waterbeach.
- 27 Chingford Scouts (3 bands).
- 27 North Wilts Army Cadet Force tattoo, Swindon.
- 27 Installation, Governor of Edinburgh Castle (Lieutenant-General Sir Henry Leask), Castle Esplanade, Edinburgh.
- 28 At home, Royal Signals, Catterick.

JULY 1970

- 3 2nd Division massed bands display, Germany (3-4 July).
- 4 Army recruiting display, Troon (Red Devils) (4-5 July).
- 4 Massed bands display, Minden, Germany (if not 27 June).
- 4 Swansea Army display (band, corps of drums, motorcycle team, infantry display) (4-5 July).
- 4 School of Artillery open day, Manorbier.
- 10 Southampton show (band) (10-11 July).
- 11 Nottingham military display (6 bands, Red Devils, gymnastic display, guard dog demonstration, motorcycle team, Blue Eagles, cliff climbing, RAF display) (11-14 July).
- 11 Woking carnival (band).
- 11 Basingstoke carnival (band).
- 11 Cadet fête, Frimley (band, 2 displays).
- 15 Royal Tournament, Earls Court (15-31 July).
- 16 Commonwealth Games, Edinburgh (bands, pipes and drums) (16-25 July).
- 16 Liverpool Army display (band, pipes and drums, Red Devils (?), tentpegging, infantry display, Blue Eagles) (16-18 July).
- 18 Claygate show (band).
- 18 Stroud show (band).
- 18 Artillery day, Larkhill (and 50th anniversary, School of Artillery, Larkhill).

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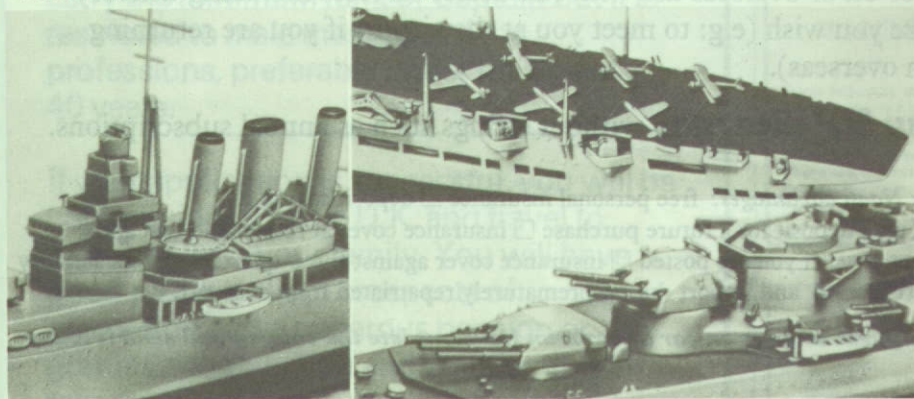


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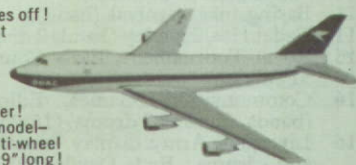
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Bobby the buck

RECRUI TS have lied about their age to get into the Army. But none were so young as a sprightly buck called Bobby. He joined 1st Battalion, The Royal Warwickshire Fusiliers, at the age of just one week.

Bobby, is the regimental antelope mascot. He was born at London Zoo and kept the keepers going night and day feeding him warm milk from a baby's bottle at 2½-hourly intervals. After seven days of it they passed the buck to Corporal E J Drummond, who was to be his handler. They soon made friends (above).

The antelope, a motif appearing on royal crests, is the traditional badge of the Warwicks so it is appropriate that they should have a live one as a mascot. The first was obtained in India in about 1871 and subsequently they have been presented by a maharajah, governor of Mysore and various zoos.

The mascot leads the regiment on a march past and has a prominent place on important parades. He is dressed for the occasion in a coat of regimental colours, a white collar with a fusilier badge and silver tips adorning his shiny black horns. Two handlers, who are members of the corps of drums, escort him holding white rope reins attached to his collar.

One Bobby was a stickler for military good order and discipline—when a presumptuous drum-major marched in front of him at a tattoo he was “bucked” out of the way and had his trousers torn. Another was not—on church parade he developed a bad limp which mysteriously got better on return to his warm stable. This happened on three consecutive Sundays and the veterinary officer reported him to the adjutant as a malingerer. No sympathy was shown on the fourth Sunday and the limp disappeared after marching a quarter of a mile, never to occur again.

When The Royal Warwickshire Fusiliers were amalgamated into The Royal Regiment of Fusiliers two years ago, Bobby was taken over as a mascot of the new regiment. Now he is doing tours with each of its battalions in turn.

Antelopes are less hardy than most other mascots and must have special heating in their stables. One with a battalion in Austria got shut out in the cold weather and nearly died. The present Bobby is more fortunate—he is serving with 3rd Battalion, The Royal Regiment of Fusiliers, in Gibraltar.

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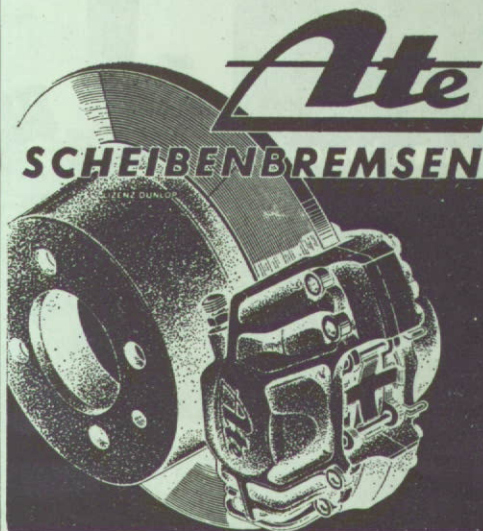
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SOLDIER to Soldier

A national public appeal is to be launched on 1 June to raise a million pounds to alleviate hardship among former British Gurkha soldiers. Of this million, £150,000 has already been raised by personal approaches to industry and commerce and £250,000 by the efforts of all ranks of the Brigade of Gurkhas. This is from past and present members—those serving also voluntarily subscribe one day's pay a year.

Gurkhas have served the British Crown for more than 150 years. The 200,000 who served in World War One and the 175,000 of World War Two suffered more than 43,000 casualties. They have been on active service almost continuously since World War Two, bearing the brunt of the 12-year-long Malayan Emergency and the four-year Borneo Confrontation. Today they stand guard in Hong Kong.

There are now 16,000 ex-Servicemen of the Brigade of Gurkhas and 64,000 dependants, many of them widows and orphans. The reduction in strength of the Brigade of Gurkhas from 15,000 to 6000 will mean 9000 more compulsorily retired by the end of 1971. In addition there are still large numbers of old soldiers living in the hills of Nepal who served the British Crown in the pre-1947 Indian Army.

The Brigade of Gurkhas welfare organisation is trying to help some 500,000 people for most of whom the only way of life is subsistence farming. A man's life savings and those of his forbears invested in a few small fields can be swept away by landslide overnight with no hope of State compensation and no means of insuring against such a disaster. Torrential monsoon rain one year or drought in another can ruin crops on which existence depends.

The Gurkhas welfare organisation aims to alleviate hardship and distress and to provide a limited medical service to all British Gurkha ex-Servicemen and their families. It is administered by a senior serving British officer employed exclusively on welfare work, assisted by 23 area welfare officers and 92 medical pack holders all of whom are retired Gurkha officers or non-commissioned officers.

The British Government pays the welfare officers' and medical pack holders' salaries; nothing is lost on administrative overheads.

The million pounds is needed to ensure that whatever may happen the Brigade of Gurkhas welfare organisation can help all British Gurkhas and their dependants who may be in distress.



Ask someone to remind you to tie a knot in your handkerchief to remind you to put an elastic band round your finger to remind you to make a note not to forget to book for the Military musical pageant in aid of the Army Benevolent Fund at Wembley Stadium on Saturday 27 June at 7.30pm.

Seats bookable at Box Office, Empire Stadium, Wembley, priced at 30s, 20s, 16s, 10s and 6s with party rates (20 or more seats) at 26s, 18s, 14s and 8s. Cheques payable to "Wembley Stadium Ltd." Enclose stamped addressed envelope.

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Behind the exterior, the Audi has so many sound built-in practicalities. Front-wheel drive, to aid directional stability. Big, inboard servo-assisted front discs. And a ventilation system that changes the air four times a minute at 40 m.p.h.

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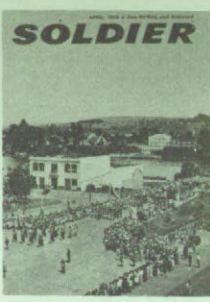
Audi 100LS

Mercedes-Benz (Great Britain) Ltd.,
NATO Sales Division, Avenfield House,
127 Park Lane, London, W.1. Tel: 01-629 5578



A VIVA IN VALDIVIA

FRONT COVER



With skirling pipes and beating drums, The Royal Scots Greys march along the sun-scorched boulevard past the saluting dais in Valdivia's main square. They were followed by detachments of British Royal Marines and Chilean armed forces. This was the final parade of the celebrations marking the 150th anniversary of Chile's independence. A panoramic picture taken by SOLDIER's Leslie Wiggs from a sixth-floor hotel window.

FROM the Scottish snow they came, a round trip of 17,000 miles, to the South American republic of Chile. But the reception was anything but cool for the pipes and drums of The Royal Scots Greys. They were greeted with a *!Viva!* in Valdivia and *saludo* in Santiago. And in the summer sun the temperature topped 85. Exactly 150 years earlier a small British force, under Admiral Lord Cochrane, landed at Valdivia to help free the country from three centuries of Spanish oppression. Siesta changed to fiesta as the Scots Greys arrived in turn in the cities of Valdivia, Santiago and Valparaiso. The skirling pipes echoed down the broad boulevards and the swirling Royal Stewart

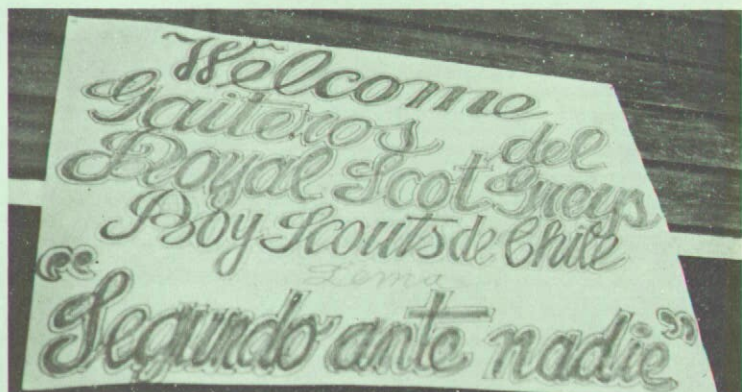
tartan stood out against the pale pastel facades of the Spanish-style buildings. For highland dancing the Jocks partnered girls of the local St Andrew's Society. In Valdivia's main square a bust of Admiral Lord Cochrane was unveiled by his descendant, Douglas Cochrane. At Corral—scene of the decisive victory over the Spanish in 1820—Lieutenant-Colonel M D "Micky" Blacklock, commanding the Scots Greys, presented the local mayor with an illustrated book about Edinburgh, as a gift from its Lord Provost and city fathers. The Royal Navy, represented by the ice-patrol ship HMS Endurance, presented Valdivia's mayor with a plaque bearing the crest of one of its newest ships—HMS Cochrane.



Above: The esplanade at Corral echoes with stirring tunes like "Highland Laddie," "Bonnie Dundee," "The Keel Row," and "In the Garb of Old Gaul."

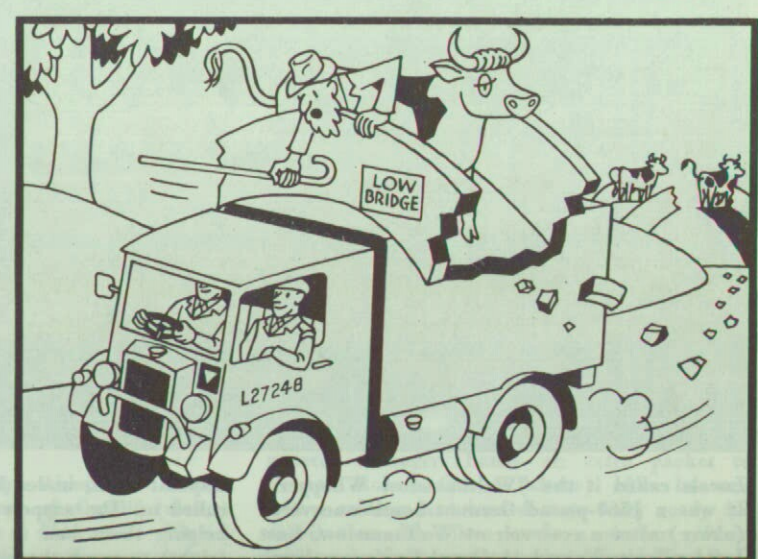
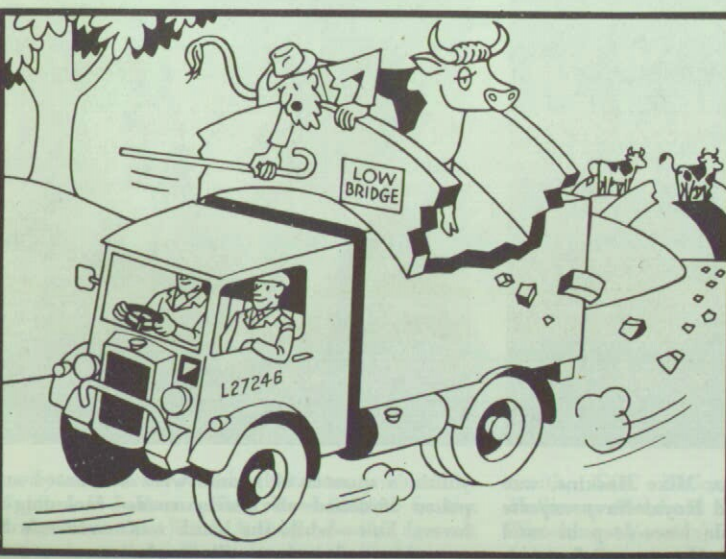
Left: Statues of Chile's sabre-wielding folk heroes provide a backdrop for a sword dance by the Scots Greys in the main square at Valparaiso.

Right: Boy Scouts of Chile thought the Scots Greys epitomised the motto "Second to None." This was a poster that welcomed the Jocks on arrival.



HOW OBSERVANT ARE YOU?

These two pictures look alike but they differ in ten details. Look at them carefully. If you cannot spot the differences see page 31.



LEFT, RIGHT AND CENTRE



Locals called it the "Walthamstow Whopper." It was a 1560-pound German bomb uncovered (above) after a reservoir at Walthamstow, East London, was drained. A Royal Engineers bomb disposal team, under Major Mike Hoskins, was called in. The sappers and Royal Navy experts helping them had to wade knee-deep in mud (right) to reach the bomb. Homes and factories



Men of 1st Battalion, The Royal Hampshire Regiment, were on the last guard-mounting of the regiment's final tour of public duties in London. So actress Alexandra Bastedo—regimental pin-up "Miss Royal Hampshire"—came to cheer them up with a warm smile (above) on a cold winter day in Chelsea Barracks. Miss Bastedo is appearing in the forthcoming BBC television series "Code Name" and stars in three new films: "Wedding Night," "My Love and My Son," and "Kashmir Run." The Hampshires are to amalgamate with 1st Battalion, The Gloucestershire Regiment, in September at Portsmouth.



within a quarter of a mile were evacuated and police cordoned off nearby roads—including a lovers' lane—while the bomb was made safe by steaming out the still explosive contents.



A flutter of the flag (above) and Major Thomas Fletcher, The Royal Horse Artillery, unveils a new inn sign, "The Cannon," at Ash, near Aldershot. The sign is a painting of an original cannon in the possession of F (Sphinx) Parachute Battery, RHA. The gun was abandoned during a withdrawal by 1st Troop, 1st Brigade RHA—predecessor of F Battery—from the North-West Frontier in 1841. It was eventually recovered 40 years later from an enemy fort after the battle of Ahmed Khel. The brewers, Courage, who have three "locals" called The Cannon, presented the battery with a framed photograph of the original cannon in recognition of the battery's assistance.



Last year's Cardiff searchlight tattoo, produced by Major A F Jackman, RA, raised £10,000 for the Army Benevolent Fund. A cheque for this amount was presented to Major-General J M Spencer-Smith, GOC Wales, by Alderman Lincoln Hallinan, the Lord Mayor of Cardiff (above). Watching (centre) is Alderman Harvey Salter, chairman of the tattoo committee.



In city suit, bowler hat and chain of office, the Lord Mayor of Leicester inspected ranks of his hometown soldiers (above) under the broiling Bahrain sun. The Lord Mayor, Alderman Edward Marston, was taking a last opportunity of visiting 4th Battalion, The Royal Anglian Regiment, in an overseas station before its return home next

Month for disbandment. During his six-day stay, the Lord Mayor paid a courtesy call on the Ruler of Bahrain, Shaikh Isa bin Sulman Al Khalifa, then went on to Sharjah to visit another unit with Leicestershire connections—3 Battery of 47 Light Regiment, Royal Artillery. The Lord Mayor was accompanied by his deputy, Alderman Bowder.



Goggled and helmeted like invaders from outer space, a squad of sappers probes the earth for mines before an interested audience of junior soldiers (left). The occasion was a demonstration by the Training Brigade, Royal Engineers, at Hawley, near Farnborough, Hampshire. Spectators also saw a Chieftain bridgelay, an AVRE (armoured vehicle, Royal Engineers), a mechanical mine-layer and a floating bridge in action.



A goodwill gift to the Army has gone up in smoke. It was 150,000 cigarettes—enough for a packet of 20 for each Serviceman in Northern Ireland—presented by the Belfast firm of Gallaher. Mr H F Andrews, the firm's Northern Ireland general manager, hands an extra packet to Private Robert Cairns (above) after he and fellow soldiers had loaded their lorry ready for distribution. The firm made a similar gift to soldiers in the trenches during World War One.

SLICE OF HISTORY

HIS electrically - powered hacksaw bit deep as Geoffrey Robinson, a young craftsman employed by the Royal Electrical and Mechanical Engineers, cut a three-pound slice off the loaf-like chunk of bronze from which all Victoria Crosses are made. The scene, at the Central Ordnance Depot, Donnington, Shropshire, was history in the making and the little gathering of Service and civilian onlookers seemed to sense this.

The only sound was the hum of the saw as all present stood and watched and thought of future deeds of courage, heroism and self-sacrifice which will eventually give this very ordinary piece of metal the kind of value on which no price can be placed.

The newly cut segment, sufficient to make 12 Victoria Crosses, was meticulously weighed then taken to London in the personal care of an officer to be delivered to Hancocks and Company who have been responsible for making the medal since its inception by Queen Victoria on 29 January 1856. From then until the present time 1352 VCs have been won.

The parent piece of bronze, reduced over the years to its present weight of 22½ pounds—this was the second cut of VC metal since shortly after the end of World War Two—is all that is left of the cascales of two Russian cannon captured at Sevastopol, the last great battle of the Crimean War. The cascale, a large knob at the rear end of the cannon, held ropes which were used when the piece was being

manhandled, as in "running-out" after firing. The guns can be seen at the Rotunda, Woolwich.

Of all the sophisticated and expensive equipment stored at Donnington this simple, almost worthless, lump of metal is the most highly prized and jealously guarded by the Royal Army Ordnance Corps.

The Prince Consort is generally believed to have been responsible for the design of the Cross and Queen Victoria herself chose the two-word inscription, so matter-of-fact yet so eloquent, "For Valour." Each Victoria Cross is made individually by a skilled craftsman and not, as is the case with most other medals, stamped from a die. In fact Hancocks still use the same processes as those employed 114 years ago.

Two moulds with hardened surfaces to give a smooth finish to the metal are placed in an iron case made in precisely fitting halves. There is a small channel into which the liquid bronze is poured, having previously been melted in clay or plumbago crucibles placed in special furnaces giving a heat of 2000 degrees Fahrenheit. The temperature must be exact. If it is too hot, the molten bronze will burn the mould; too cold and it will not flow evenly.

Once cooled and hardened, the medal, with its separately cast bar decorated with a laurel leaf motif, is handed over to the chaser.

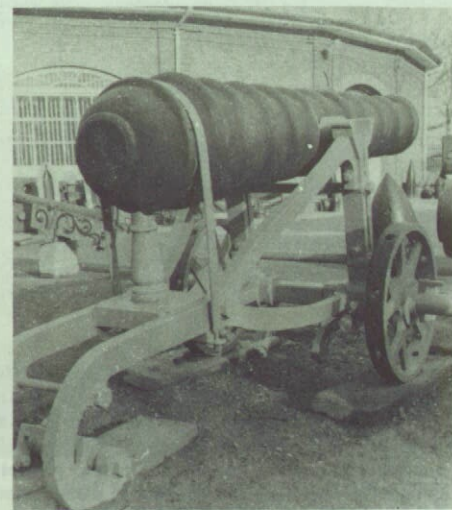
His job is to give the Cross and bar a perfect finish bringing the letters into sharp relief and carefully engraving the lion's mane and tail tuft. He also places the firm's secret mark on the Cross so that forgeries can be easily detected.

The Victoria Cross and its bar are burned a uniform dark-brown with acids. Then the completed medal is sent for approval to the Ministry of Defence. The scrutiny passed, it is returned for the rank, name and regiment, ship or squadron of the recipient to be engraved on the bar, and for the date of the deed for which it was won to be inscribed on the back of the Cross.

When the Donnington cutting ceremony was over and the metal had been placed under lock and key, instead of making a bee-line for the refreshment table the spectators—officers, soldiers, clerks, typists, cleaners—all headed for the saw to get finger-pinches of the precious dust deposited in the trough beneath the cut.

Such is the magic quality of the VC metal.

Below: Outside the Rotunda, Woolwich, one of the two Sevastopol cannon which supply the VC metal. The position of the removed cascale can be clearly seen.



A CENTURY ON WHEELS

WITH headlights picking out the cold morning mist a convoy of vehicles drove past Colchester Town Hall: ten-ton lorries, four-tonners, Land-Rovers, motorcycles, a recovery vehicle, a rider and two old horse-drawn wagons, and tractors dipping their fork lifts in salute to the mayor standing on the dais.

Few locals turned out to watch on this wintry Sunday morning. They have seen many military parades. For Colchester is Britain's oldest recorded garrison town. Nearly 2000 years ago, when it was called Camulodunum, Roman legions and war chariots clattered down its streets.



But this was history too—the 100th anniversary of 1 Squadron, Royal Corps of Transport.

To at least a couple of members of that scant audience it was a moment of nostalgia. Ex-Royal Army Service Corps staff-sergeant Albert Edwards—wearing a corps tie and carrying his old regimental stick—said afterwards: "It didn't half bring back memories. Especially the horses. You see, I was a saddler by trade." Chelsea pensioner George Reade, an Army Service Corps farrier-sergeant discharged with wounds in 1919, remarked that the vehicles were "very clean—they were a bit muddier at the Somme and Ypres."

In-Pensioner Reade still retains that sense

of humour which sustained the Tommies in the trenches. Asked by a young reporter about the chestful of medals on his scarlet coat, he replied that they were won "for shoeing horses at the gallop." But he did have a twinge of conscience. "I'm afraid I forgot to clean them," he confessed, "I was up until two o'clock at a St Valentine's party in the mess dancing with a go-go girl." His age? "Actually, it's my 80th birthday today."

Twenty years before he was born 1 Company Army Service Corps came into being at Woolwich, on 15 February 1870, from four troops of the Military Train. It had an establishment of 57 horses, 68 horse drivers, four farriers, two saddlers and

two wheelwrights. The unit sent drivers to the South African War, served as a training company and ambulance unit in World War One, was rebadged 1 (Horse Transport) Company, Royal Army Service Corps, in 1918, evacuated from Dunkirk with the British Expeditionary Force in 1940 and returned to France in 1944 to perform railhead duties.

The company pioneered the helicopter resupply system, carried out trials on the air-portable one-ton Land-Rover and Massey-Ferguson tractor, served with the United Nations Force in Cyprus, provided men and vehicles to deal with the Torrey Canyon oil slick, similarly helped out in the 1967 foot-and-mouth epidemic, and transported tarpaulins from East Anglia to Glasgow homes hit by storm damage in 1968.

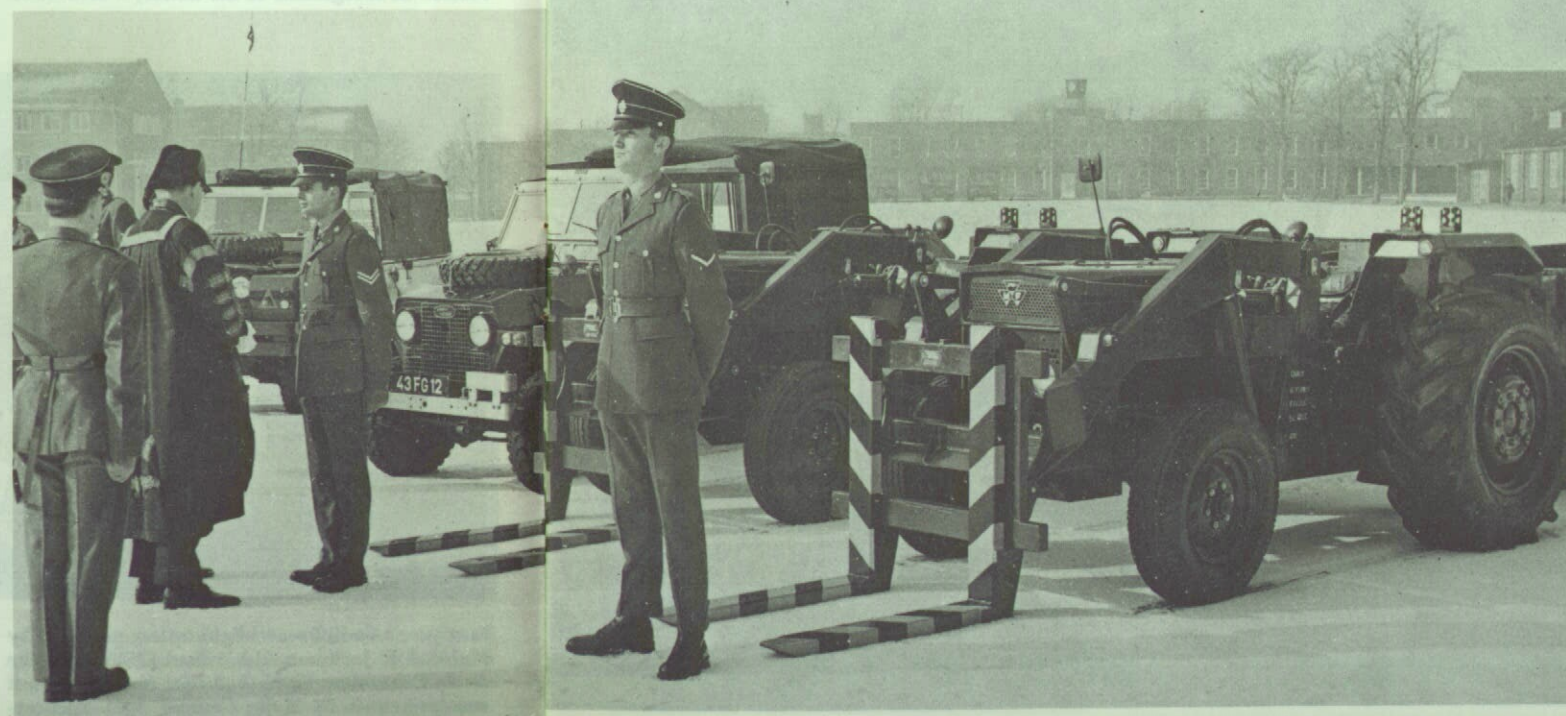
The squadron, which has been stationed in Colchester for the past ten years, currently has the main role of transport supply to 19 Infantry Brigade of the Strategic Reserve.

Centenary celebrations included a cocktail party in the garrison officers' club, an all ranks dance, a concert by the staff band of the Royal Corps of Transport, and the drive past followed by a church service and presentation of long service and good conduct medals.

Above: The two GS (general service) wagons on parade date from 1909 and 1912. One is still in use with H Squadron RCT in Aldershot garrison.

Above left: Smart salute and impressive row of medals. A Land-Rover drives past the Town Hall.

Left: Alderman Reginald Hilham, the Mayor of Colchester, inspects the men and vehicles on the snow-covered square at Hyderabad Barracks.



Catch your fish...

When **Sergeant-Major John Comber** talks about John Lennon he is not necessarily referring to the pop star. For John Lennon is the name of a beetle he uses to catch fish. Mr Comber, of 26 Field Regiment, Royal Artillery, spends his spare time making fish flies from insects, cotton and bird feathers. He is so adept at this angler's art that (right) he lectures on it at evening classes in Hühne Garrison in Germany. The lectures are popular because the garrison has a thriving fishing club and there are four good trout lakes and seven miles of fresh water streams in the vicinity.



Come back or I'll ...

How does a trombone player manage to swallow two feet of brass tube? That was what comedian **Harry Secombe** found out (left) during rehearsals for a concert with the band of the Royal Engineers at Chatham. And in the process produced a couple of resonant oompahs and one rather ribald raspberry.



...and keep it

Warrant Officer Bob Stuart of the Army Catering Corps likes to give his fish a fancy finish with sauce tartare, crispy batter, sand and paint. Sand and paint? Yes, because outside his cookery duties at 4th Royal Tank Regiment, Hühne, he spends his spare time preserving fish. His services as a taxidermist are much in demand with local angling clubs. The specimens have to be skinned, cleaned, preserved in borax and saltpetre, filled with sand, dried out for a week, then be painted (as the natural colours are lost in the preserving process) and finally mounted on a shield or in a glass case (right). In the past five years Mr Stuart has stuffed hundreds of fish including every type known in Germany. Once a customer asked him to stuff a 37-pound catfish—but forgot to say that it was still alive.



PURELY PERSONAL



Master mountaineer

At 21, **Corporal Kairon Babbage** of The Royal Regiment of Wales is believed to be the youngest soldier to be awarded a mountain leadership certificate. He was presented with his certificate (left) at the Cardiff Office of the Central Council of Physical Recreation by the council's Welsh secretary, Mr H G Oakes. To qualify, Corporal Babbage passed a special course at the Army Outward Bound School at Towyn, North Wales. The course is restricted to sergeants and above but he was temporarily promoted to acting sergeant to take it. Corporal Babbage, who has recently been serving with 70 Army Youth Team, is now on detached duty as an instructor on a mountain leadership course for youth workers and teachers.

A lieutenant and corporal have received gallantry awards for saving a fellow climber injured by an avalanche of rocks near the summit of a mountain in Northern Italy last July.

They are **Lieutenant Christopher Elliott** (above), Royal Engineers, who becomes a Member of the Order of the British Empire, and **Corporal David Smith**, Royal Army Medical Corps attached to 22 Special Air Service Regiment, who receives the British Empire Medal.

They had been taking part in a climbing exercise in the Mont Blanc range with four other men. Hot sun was melting the snow and the instructor-guides decided to lead the two three-man teams on to a 60-degree rock face 200 feet from the summit. Suddenly a rock-fall swept down through them. Lieutenant Elliott, middleman of one team, was hit and the man behind him was knocked out and immediately fell.

Clinging to the rock face on his crampon points, Lieutenant Elliott held the full weight of the injured soldier for 20 minutes. Corporal Smith, on the other rope, descended to the other man, who was panic-stricken with face and neck wounds and a crushed hand, calmed him down and rendered first aid. The two then helped him to climb out of danger to the summit; the 200-foot ascent took two-and-a-half hours.

The lieutenant and corporal then set off for help—on a direct descent by an unknown route in dangerous conditions. They managed to contact a helicopter in time for it to rescue the man just three minutes before the weather closed in.



Poet in the pantry

It all began when he started writing poetry in letters to his wife. She encouraged him and now, two years later, **Corporal Michael Green**, Army Catering Corps, has had a book of verse published. His poems, published by H A Stockwell of Ilfracombe at 7s 6d, are mainly about his Birmingham background. Corporal Green, 25, is attached to 23 Amphibious Squadron, Royal Engineers, in Rhine Army. He is already compiling his second anthology.



Hong Kong gong

A long service and good conduct medal is awarded (left) to a locally-enlisted soldier in Hong Kong. It was pinned on the chest of **Gunner Lam Lin Fat** by **Major-General H C Tuzo**, Director Royal Artillery, in front of a parade of 25 Light Regiment, Royal Artillery, at Sek Kong in the New Territories. Gunner Lam joined the Army in 1948 and has served with the Royal Signals and Royal Army Medical Corps as well as the Royal Artillery.

Soldiering on

The Worcestershire Regiment, now amalgamated with The Sherwood Foresters to form The Worcestershire and Sherwood Foresters Regiment, did their oldest old soldier proud when **Mr Harry Jackson**, who joined the regiment more than 80 years ago, celebrated his 100th birthday at Ellesmere Hospital for old people at Walton-on-Thames, Surrey.

An octet from the Royal Military School of Music, Kneller Hall, played "Happy Birthday;" the drum-major of the 1st Battalion presented a birthday cake which had been baked in the battalion kitchens at Bulford; on behalf of the regiment, **Captain Ronnie Silk** gave him a green dressing gown with the regimental badge emblazoned on the pocket; the regimental association's gift was a pair of slippers and three bottles of champagne; and there was a telegram of congratulations from the Queen.

Celebrating with Mr Jackson, be-medalled and with a poppy in his buttonhole and in picture (right) reading the Queen's congratulatory telegram, were his second wife **Anne**, 82, seven of his eight step-children, clusters of grandchildren and great-grandchildren, and four Chelsea Pensioners to help him revive memories of bygone Service days in India and South Africa.

Looking much younger than his 100 years, Harry is a grand old boy, very proud of his Army service and so proud of his medals that he even wears them in bed!





INTO THE BREACH



Top of page: Sappers lay pierced steel plating to make a road to carry heavy pumping equipment to Lluest Wen reservoir. Above: Reinforcing the "dual carriageway" with stone from one of the hundreds of heavy lorries that used the road. Below: Colonel Macey at his emergency HQ.



WITHIN days of returning from the parched Persian Gulf, sapper Lieutenant-Colonel Donald Macey was called in to help pump millions of gallons of fresh water to waste.

He was still in the Gulf when the ground gave way beneath a horse crossing the dam which held back the Lluest Wen reservoir, high above the Welsh mining village of Maerdy in the Rhondda Valley. The structural weakness revealed made experts doubtful about the safety of the dam wall.

An emergency was declared and 2000 old and infirm villagers were evacuated. Then began a battle against the clock to drain the reservoir of its 240 million gallons. Progress was hampered by rain—the local annual fall of 124 inches is one of the highest in Britain.

Police, firemen, miners and workmen struggled in mud and mist to take gigantic pumps to the dam. But the heavy lorries quickly bogged down in the unmetalled track. And still the rains swept down the sodden hillside.

At last the Army was called in and HQ Wales nominated Lieutenant-Colonel Macey—chief instructor at the Army Apprentices College, Chepstow—to take charge. After a quick dawn appreciation he decided access could be gained along a forest track above the reservoir.

Within hours a convoy of Army ten-tonners arrived with 500 yards of pierced steel plating. Then came 60 sappers of 9 Field Parachute Squadron, Royal Engineers,

many of them veterans of road-building during the rainy season in Kenya. Using lorry headlights as well as battery lighting, they slogged through three days and nights to lay the roadway.

Later came 50 men from the Parachute Regiment Battle School at Brecon. Stripped to the waist in the icy mist and biting wind, they shifted 70 tons of sand in two-and-a-half hours, filling thousands of sandbags to help divert some of the reservoir's headwaters.

The first vehicle to get through along the new roadway carried a rig that enabled tons of liquid concrete to be poured in to strengthen the weakened dam wall.

More than 120 vehicles drove through in the next three days. Sappers then built another track for returning vehicles to ease the pressure on the plating which by now was beginning to buckle. By the eleventh day 1000 tons of stone had been transported—and the sun broke through the clouds for the first time.

Three days later the emergency ended. Thirty feet of water—more than 200 million gallons—had been pumped out. Now a proper inspection could be made and repair work begun.

The Secretary of State for Wales, Mr George Thomas, later paid tribute to the Army for doing a "murderous job" in the "worst season of the year." He added: "The people of the Rhondda can now return to their homes and sleep safely in their beds. None can measure what we have avoided, but we have avoided serious trouble."

THE "SQUARE DEAL" MILITARY SALARY

Big rises
for single
soldiers ...

... parity in
12 months with
married men ...

... charges
for board and
lodging ...

fighting
soldiers
upgraded

5% X factor
addition for
service life

Equal pay
for women
by 1975

IN what Mr Denis Healey, Secretary of State for Defence, described as "a square deal, better than I dared to expect," British Servicemen and women get a new pay system and new rates of pay and allowances—a military salary based on comparisons with civilian jobs with the addition of an X factor which recognises the special conditions of Service life.

The Prices and Incomes Board's recommendation of a comprehensive salary structure has been accepted by the Government with one modification—part of the increase in the pay of single Servicemen to achieve parity with married men will be withheld for 12 months. All other increases take effect from 1 April 1970.

The pay increases average 15 per cent for married men and 18 per cent for single men, but Servicemen and women will now pay for meals and Service accommodation. The new rates take into account the loss of these and other tax-free benefits.

The job evaluation carried out by the Prices and Incomes Board in ten months and yet to be completed showed that in comparison with their civilian equivalents many more Servicemen were undervalued than overvalued. Striking rises are in the pay of recruits—more than doubled—and in that of combat non-commissioned officers. Junior and senior officers get bigger increases than majors.

All Servicemen and women benefit immediately from three main forms of increase, said Mr Healey.

First is an increase "sufficient after paying tax to pay the charges on accommodation and food."

Secondly, job evaluation and the X factor give an average increase of 15 per cent.

Thirdly, changes in allowance give a total net increase of £5,500,000.

PAY

PARITY WITH MARRIED MEN

A once-and-for-all increase, payable to single men in two instalments of about a quarter on 1 April 1970 and three-quarters on 1 April 1971, brings single men's pay into line with that of married men and removes an anomaly which has never existed in civilian employment. Single men also get immediately the full pay increase based on job evaluation, the X factor amount, and sufficient to cover food and accommodation charges after tax. Single women get roughly corresponding increases.

These eight pages can easily be removed from the magazine for future reference by unfastening and refastening the two wire staples which bind this copy.

JOB EVALUATION—OTHER RANKS

Technicians, group A and B tradesmen and non-tradesmen have been re-grouped (see pages 24 and 25) into three pay bands based on the job evaluation which took place generally at Corporal level. All non-tradesmen and some specialists, including an assault trooper, gunner (field and Honest John), infantry soldier and specialist, are re-classified as group B in the lowest pay band (Band 1) in ranks below corporal.

In the rank of corporal and above, assault trooper, gunner (field and Honest John), infantry soldier, policeman (Royal Military Police) and security NCO (Military Provost Staff Corps) all move from non-tradesman to group A (Band 2) and, exceptionally, the Special Air Service soldier goes from non-tradesman to group T (Band 3).

Five gunner, nine sapper, five Royal Corps of Transport and two nursing trades are upgraded from B to A and three gunner and two Royal Army Pay Corps trades from B to T. In the A to T upgrading are two gunner, seven sapper, four RCT, four Royal Army Medical Corps and three Queen Alexandra's Royal Army Nursing Corps trades. The RCT trades include those of hovercraft pilot and navigator; the RAMC and QARANC trades include trained nurses and mental nurses.

The list of 356 trades and employments includes one new trade, that of air gunner, Army Air Corps (in the A group). Only one trade has been downgraded for pay purposes, that of metalsmith, Royal Electrical and Mechanical Engineers—from A to B.

MILITARY SALARY

The Prices and Incomes Board believes the new rates for recruits will compare very favourably with those at the start of a civilian career. In calculating pay for longer service the board was guided by job evaluation, the need for a consistent pay structure with incentives for promotion and reward for greater responsibility, and by the need to preserve an incentive for

warrant and non-commissioned officers to become commissioned.

The pay of major-generals and above was in part determined, since many of them work in close conjunction with each other, by the pay of higher civil servants.

X FACTOR

This is five per cent for men, up to a limit of £200 a year in the higher scales, and a token one per cent for women. The X factor compensates for circumstances not generally found in civilian employment, for example military discipline, a period of service which the Serviceman cannot terminate when he wishes, exposure to danger, uncomfortable living conditions and separation from families and social life. The amount of the X factor will be reconsidered in future reviews.

WOMEN'S PAY

The Board recommends that the Services should aim at equal pay for women by 1975, as is planned in civilian life. The lower X factor rate for women takes into account that they generally serve under less onerous conditions than men and can obtain discharge on marriage. New rates for women are on average 87 per cent of men's rates.

FLYING PAY

Improvements, primarily determined by RAF requirements but also applying to the Army, include substantial increases for NCO pilots and abolition of the "Lower rate" of flying pay (tables, pages 23 and 27).

JOB EVALUATION—OFFICERS

Since job evaluation revealed little difference between jobs and ranks in the three Services, the Prices and Incomes Board found it unnecessary to consider basic pay differences between the Services. The Board considered the Services should abandon the principle, obtaining since 1946, that career earnings in each Service should be broadly equal despite the differences in rates of promotion and times of retirement.

QUALIFICATION PAY

Hence new grants of qualification pay will cease, but it will continue for officers now drawing it or starting courses before 1 April 1971 that will qualify them.

SPECIAL QUALIFICATION PAY

To continue at present levels subject to

review in the light of future recruitment and retention of technically qualified officers.

QUARTERMASTERS

Special scales to continue (tables, pages 27 and 28). Also unchanged are parachute, diving, work of an objectionable nature, chemical defence experimental, organist, junior NCO/WO, nursing specialist and graves registration additional pay, and language pay and awards.

DOCTORS AND DENTISTS

Doctors' and dentists' pay was revised to bring it into line with the average earnings of civilian general practitioners from 1 April 1969 and it is intended to retain similar parity. This may not coincide with general reviews of Service pay. Meanwhile their pay has been increased, on introduction of the military salary, by an amount equivalent to ration allowance (grossed for tax) and marriage allowance, plus the X factor (table, page 26). Women doctors and dentists who are not part of the women's services but who have traditionally served on the same terms and at the same rates as single men will receive exceptionally the full five per cent X factor. Medical and dental brigadiers get a lead of £150 a year over other brigadiers; diploma, specialist, senior specialist and consultant pay have been increased by 50 per cent.

CHAPLAINS

Relativity between the pay of chaplains and combatant officers has been permanently established as:

Chaplain on entry—Captain on appointment

Chaplain after 10 years—Major on appointment

Chaplain after 24 years—Lieutenant-colonel after 4 years in rank

Principal chaplain—Colonel on appointment

Deputy chaplain-general—Colonel after 4 years in rank

Chaplain-general—Brigadier
(Table, page 26).

LAWYERS

Retain their present lead over combatant officers at the ranks of captain to lieutenant-colonel; these leads are increased to 15s a day at colonel and brigadier. (Table, page 26).

VETERINARY OFFICERS

Receive a 5s lead a day over combatant rates up to and including lieutenant-colonel. (Table, page 25).

CHARGES

FOOD

The new charge of 7s 3d a day or 50s 9d a week (calculated on the former ration allowance with an abatement for average absence on weekend leave) will be constant worldwide. Differences in local amounts of ration allowance will be taken up in new rates of local overseas allowance. Food charges will not be levied when in the field for two nights or more, in hospital for more than 24 hours, between postings, on the lodging list, given permission to live out, in detention or absent without leave or on

leave for more than 48 hours. Casual meal charges for married men and single men living out will continue at the present ration allowance rate of 8s 1d a day.

ACCOMMODATION—MARRIED QUARTERS

New rents for other ranks' married quarters are based on council house rents with an addition for rates, maintenance and furniture. Rents relate to size of quarter (as determined by size of family) and not to pay rate or rank of occupant. In some instances the overall increases are substantial but a reduced interim charge will be made from 1 April 1970 to the next pay review in two years' time. Rents for officers' married quarters have been similarly assessed. (Tables, pages 23 and 27).

EXCESS RENT ALLOWANCE

Payable as difference between married quarter charge and actual rent or local hiring ceiling (whichever is lesser) to married men in UK paying high rents for private furnished accommodation.

SINGLE ACCOMMODATION

Single men living in Service units will be charged for living accommodation with a small addition for heat and light and services provided in the mess. The amounts are based on married quarters charges. No charge will be made when in the field for two or more nights, in hospital more than 14 days, between postings, on the lodging list, living out with permission and in detention or absent without leave. (Tables, pages 23, 27 and 28).

ALLOWANCES

MARRIAGE ALLOWANCE

Ceased on 1 April 1970 on absorption into military salary.

RATION ALLOWANCE

Ceased on 1 April 1970 on absorption into military salary.

DISTURBANCE ALLOWANCE

Changes in rates and some conditions (Tables, pages 23 and 27).

FURNITURE REMOVAL AND STORAGE

Amount which a sergeant or below may move at public expense into furnished quarter or hiring is increased from 150 to 300 cubic feet. Existing limit of ten miles for moving furniture from residence to store is extended to 25 miles. Extra insurance costs for transit and store. Improvements for men on casevac or temporary duty in UK.

LODGING ALLOWANCE

New rates payable from 1 April 1970 with some variations in conditions of issue. Non-taxable.

TRAVELLING/SUBSISTENCE ALLOWANCES

Existing travel allowances will be replaced by night subsistence, daily subsistence and mess subsistence allowances. Single men can reclaim food charges when in private accommodation. A number of improvements in conditions of issue.

HOME TO DUTY TRAVEL

Married Servicemen will contribute 10s a week but the rate per mile for refund is increased to 4d in UK. Distance limitations removed but there is a refund limit of £3 net a week for those in private accommodation under most circumstances.

LOCAL OVERSEAS ALLOWANCE

Present system remains in force but adjustments will be made to local rates from 1 April 1970 in relation to cost of food overseas and certain other items. New system for calculating this allowance is planned for introduction later this year.

SEPARATION ALLOWANCE

No change at 1 April 1970 but subject to a review by Prices and Incomes Board due to be completed in autumn 1970.

LAUNDRY ALLOWANCE

Ceases, but contract arrangements continue.

CLOTHING ALLOWANCE

Replaced by full issue of uniform items.

LONDON ALLOWANCE

Revised rules under review. Continues to apply only to people in private accommodation.

MISCELLANEOUS

PENSIONS AND GRATUITIES

Thorough review has begun but will not be completed before 1972 or 1973. Meanwhile new rates are being negotiated as result of new pay rates.

BATMEN IN MARRIED QUARTERS

To be withdrawn except for lieutenant-colonels and above holding "in command" appointments. Withdrawal to be in two stages. First, from 1 April 1970, a worldwide reduction in entitlement from 1 to $\frac{3}{4}$, $\frac{1}{2}$ to $\frac{1}{4}$, $\frac{1}{4}$ to $\frac{1}{8}$ and $\frac{1}{8}$ to nil. Second stage is to abolish the service at the next pay review, in two years' time, other than for officers "in command" or with other exceptional reasons for domestic assistance. Where for climatic or other reasons domestic help is necessary overseas, officers will pay through appropriately adjusted local overseas allowance.

DOMESTIC EQUIPMENT

Standard of domestic equipment provided in quarters is to be reviewed by Ministry of Defence.

COST

The total cost of the changes in pay and allowances is estimated at £123,000,000 of which £41,000,000 will go to bringing the pay of single men up to that of married men, £7,000,000 to allowances and £75,000,000 in general pay increases.

The third report by the National Board for Prices and Incomes (Report 142—Standing Reference on the Pay of the Armed Forces—Cmd 4291) is available from HMSO at 10s 6d.

OTHER RANKS' PAY

Rank	Basic daily pay, committed to serve for:								
	Less than six years			Six years but less than nine			Nine years or more		
	SCALE A			SCALE B			SCALE C		
	Band 1	Band 2	Band 3	Band 1	Band 2	Band 3	Band 1	Band 2	Band 3
Private class IV (recruit)	50	51	52	54	55	56	60	61	62
Private class III	55	56	57	59	60	61	65	66	67
Private class II	58	59	60	62	63	64	68	69	70
Private class I	61	62	63	65	66	67	71	72	73
Lance-corporal class III	64	65	66	68	69	70	74	75	76
Lance-corporal class II	67	68	69	71	72	73	77	78	79
Lance-corporal class I	70	71	72	74	75	76	80	81	82
Corporal class II	74	75	76	78	79	80	84	85	86
Corporal class I	77	78	79	81	82	83	87	88	89
Sergeant	86	87	88	90	91	92	96	97	98
Staff-sergeant	92	93	94	96	97	98	102	103	104
Warrant officer class II	98	99	100	102	103	104	108	109	110
Warrant officer class I	103	104	105	107	108	109	113	114	115

Note: The increases for single men have been delayed by the Government, on incomes policy grounds, until 1 April 1971. Until then the pay rates in the above table are reduced for single men by the following amounts:

Apprentices/young soldiers/junior soldiers NIL daily
Private class IV (recruit) 9s daily
Private class III/lance-corporal 12s daily
Corporal and above 14s daily

INCREMENTS

Rank	Total daily increment after completion of years of reckonable man's service as follows:				
	9 years	12 years	15 years	18 years	22 years
Private	2	3	3	3	3
Lance-corporal	2	3	3	3	3
Corporal	2	5	5	5	5
Sergeant	2	7	9	11	11
Staff-sergeant	2	7	9	12	12
Warrant officer class II	2	7	9	12	14
Warrant officer class I	2	7	9	12	14

ADDITIONAL PAY

Flying pay		Daily	
		£	d
Sergeant		21	6
Staff-sergeant		24	6
Warrant officer		26	6

REME servicing test pilots (Band 3 for pay)		Daily	
		£	d
Sergeant		13	6
Staff-sergeant		16	6
Warrant officer		18	6

Air gunners (trained under DCI (Army) 339/69)		Daily	
		£	d
Sergeant and below		7	0
Staff-sergeant		9	6
Warrant officer		11	6

Air despatch instructors and master air despatchers (as for RAF quartermasters ie)		Daily	
		£	d
Sergeant		7	0
Staff-sergeant		9	6
Warrant officer		11	6

Other air despatch pay		Daily	
		£	d
		5	0

Note: Regimental quartermaster-sergeant's additional pay and isolation pay for nurses are discontinued.

APPRENTICES

	Daily basic
During first year of training	27
During second year of training	36
During third year of training	44
Increment on reaching age of 17	3
Further increment on reaching age of 18	4

YOUNG SOLDIERS

	Daily basic
On entry	30

JUNIOR SOLDIERS

	Daily basic				
	Grade 5	Grade 4	Grade 3	Grade 2	Grade 1
First year of service	27	28	29	30	33
On completion 1 year's service	28	29	30	32	35
On completion 2 years' service	30	31	32	34	37

OFFICER CADETS

	Daily basic	
	At RMA Sandhurst	At officer cadet schools and arms schools
On becoming an officer cadet	50	50
After 1 year's reckonable man's service	58	—

ACCOMMODATION CHARGES

Married quarters	Type	Proposed weekly charge	Interim weekly charge
Standard	A	£ 2 6 4	£ 2 6 4
	B	3 9 6	3 1 9
	C	4 0 9	3 8 4
	D	4 13 11	3 16 0
	WO	4 13 11	3 16 0
Sub-standard	A	—	1 10 11
	B	—	2 1 2
	C	—	2 5 7
	D	—	2 10 8
	WO	—	2 10 8

Single accommodation	Rank	Daily charge	Weekly charge
Standard	Corporal and below	£ 3 3	£ 1 2 4
	Warrant officer/senior NCO	6 4	2 3 10
Sub-standard	Corporal and below	2 2	14 11
	Warrant officer/senior NCO	4 3	1 9 3

DISTURBANCE ALLOWANCE

	Married	Married, with 1 child*	Married, with 2 children*	Married, 3 or more children*
Move into private accommodation (Rate 1)	£ 70 0	£ 95 0	£ 115 0	£ 125 0
Move into public accommodation or hiring (Rate 2)	35 0	60 0	80 0	90 0
Move from residence at station into furnished accommodation or hiring at same station	17 10	42 10†	62 10†	72 10†

*Admissible only if children change day schools.

†Child increment admissible only when day schools change.

The following additional expenses will be admissible on proof of payment:

- On posting within UK, cost of preliminary visit to new station when about to occupy private accommodation for Serviceman and his wife.
- On posting from overseas to UK, hotel costs up to three days within ceiling of normal subsistence allowances to include entitled members of family.
- Loss of day school fees on posting.
- Single personnel living out of mess/barracks because of their appointment or because no public accommodation is available may claim refund of removal expenses up to entitlement of their rank plus certain other expenses.

TRADES AND EMPLOYMENTS

Trade and arm/service	Trade gp at 31 Mar 70	Trade gp wef 1 Apr 70	Pay band wef 1 Apr 70	Notes
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HOUSEHOLD CAVALRY/ROYAL ARMoured CORPS

Clerk shorthand writer	A	A	2	
Bandman	A	A	2	
Work study operator (WO only)	A	A	2	
Crewman (AFV) (cpl and above)	B	B	1	(a)(b)
Crewman (AFV)	B	B	1	(b)(c)
Carpenter and joiner	B	B	1	
Cook	B	B	1	
Clerk	B	B	1	
Equipment repairer	B	B	1	
Storeman technical	B	B	1	
Farrier	B	B	1	
Saddle and harness maker	B	B	1	
Riding instructor	B	B	1	
Mounted dutyman	B	B	1	
Tailor	B	B	1	
Assault trooper (cpl and above)	NT	A	2	(a)
Assault trooper	NT	B	1	(c)
Driver specialist RAC	NT	B	1	
Non-tradesmen (less assault troopers)	NT	B	1	

ROYAL ARTILLERY

Surveyor RA	A	T†	3	
Surveyor (sound ranging)	A	T†	3	
Meteorologist	A	A	2	
Bandman	A	A	2	
Clerk shorthand writer	A	A	2	
Assistant instructor—gunnery (WO only)	A	A	2	
Battery surveyor (field) qualified as draughtsman	B	T†	3	(d)
Battery surveyor (Honest John) qualified as draughtsman	B	T†	3	(d)
Battery surveyor (field and Honest John)	B	A	2	
Work study operator (WO only)	A	A	2	
Regimental surveyor qualified as draughtsman	B	T†	3	(d)
Regimental surveyor	B	A	2	
Radar operator (1t AD) (bdr and above)	B	A	2	(a)
Radar operator (1t AD) (l/bdr and below)	B	B	1	
Amphibious observation post assistant*	B	A	2	
Driver specialist RA (hy AD)	B	A	2	
Radar operator locating	B	B	1	
Radar operator (hy AD) (Thunderbird 2)	B	B	1	
Clerk	B	B	1	
Driver AFV	B	B	1	
Driver radio operator	B	B	1	
Driver operator amphibious observation	B	B	1	
Equipment repairer	B	B	1	
Operator artillery intelligence	B	B	1	
Storeman technical	B	B	1	
Equitation instructor	B	B	1	
Farrier	B	B	1	
Riding instructor	B	B	1	
Saddle and harness maker	B	B	1	
Tailor	B	B	1	
Carpenter and joiner	B	B	1	
Gunner RA (field and Honest John) (bdr and above) (Coverer)	NT	A	2	(a)(e)
Gunner RA (field and Honest John) (l/bdr and below)	NT	B	1	(c)
Non-tradesmen (less gunners RA)	NT	B	1	

ROYAL ENGINEERS

Clerk of works (construction, electrical, mechanical) (s/sgt and above)	T	T	3	
Military plant foreman (s/sgt and above)	T	T	3	
Field survey technician	T	T	3	
Air survey technician	T	T	3	
Survey photo technician	T	T	3	
Survey print technician	T	T	3	
Sartographic draughtsman	A	T†	3	
Draughtsman (civil and structural)	A	T†	3	
Draughtsman (electrical and mechanical)	A	T†	3	
Draughtsman (mechanical)*	A	T†	3	
Surveyor (trigonometrical)	A	T†	3	
Surveyor (topographical)	A	T†	3	
Surveyor (engineering)	A	T†	3	
Plant operator mechanic	A	A	2	
Plant mechanic	A	A	2	
Electrician	A	A	2	
Draughtsman (topographical)*	A	A	2	
Lithographic helio worker	A	A	2	
Lithographic machine minder	A	A	2	
Fitter machinist	A	A	2	
Petroleum fitter	A	A	2	
Refrigeration mechanic	A	A	2	
Equipment operator mechanic	A	A	2	
Construction laboratory operator	A	A	2	
Clerk shorthand writer	A	A	2	
Lithographic camera operator*	A	A	2	
Bandman	A	A	2	
Work study operator (WO only)	A	A	2	
Lithographic artist (maps)*	A	A	2	
Steelwork erector*	A	A	2	
Engine fitter (plant)*	A	A	2	
Engine fitter (IC and p)*	A	A	2	
Fitter*	A	A	2	
Turner*	A	A	2	
Combat engineer (cpl and above)	B	A	2	(a)
Combat engineer	B	B	1	(c)
Bomb disposal engineer	B	A	2	
Well driller	B	A	2	
Driver specialist RE	B	A	2	
Driver specialist (crane)	B	A	2	
Crewman AFV (cpl and above)	B	B	1	(a)(b)
Crewman AFV	B	B	1	(b)(c)
Plant operator (construction)*	B	A	2	
Electrician (power station)*	B	A	2	
Electrician (wireman)*	B	A	2	
Postal and courier operator	B	B	1	
Carpenter and joiner	B	B	1	
Driver radio operator	B	B	1	
Draughtsman (GD)	B	B	1	
Storeman (survey)	B	B	1	
Storeman (technical) RE	B	B	1	
Bricklayer and concretor	B	B	1	
Painter and decorator	B	B	1	
Blacksmith	B	B	1	

Trade and arm/service	Trade gp at 31 Mar 70	Trade gp wef 1 Apr 70	Pay band wef 1 Apr 70	Notes
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Plumber and pipefitter	B	B	1	
Sheet metal worker	B	B	1	
Welder	B	B	1	
Craft operator	B	B	1	
Signaller RE	B	B	1	
Driver RE	B	B	1	
Clerk*	B	B	1	
Clerk (RE)	B	B	1	
Clerk technical*	B	B	1	
Wood turner and machinist	B	B	1	
Equipment repairer*	B	B	1	
Driver*	B	B	1	
Concretor*	B	B	1	
Tunneller*	B	B	1	
Plate layer*	B	B	1	
Plant operator (E/T) and (TE)*	B	B	1	
Excavator crane (C/T, W/T, TE/C)*	B	B	1	
Crane operator (fd)	B	B	1	
Non-tradesmen	NT	B	1	

ROYAL SIGNALS

Foreman of signals (s/sgt and above)	T	T	3	
Technician radio	T	T	3	
Technician radio relay	T	T	3	
Technician terminal equipment	T	T	3	
Yeoman of signals (s/sgt and above)	A	A	2	
Supervisor radio (s/sgt and above)	A	A	2	
Signal centre supervisor (s/sgt and above)	A	A	2	
Telegraph operator	A	A	2	
Special operator	A	A	2	
Bandman	A	A	2	
Work study operator (WO only)	A	A	2	
Chief clerk (s/sgt and above)	B	B	1	
Clerk	B	B	1	
Comcen operator	B	B	1	
Electrician driver	B	B	1	
Lineman	B	B	1	
Radio operator	B	B	1	
Radio relayman	B	B	1	
Cipher operator	B	B	1	
Clerk (technical)	B	B	1	
Draughtsman	B	B	1	
Driver	B	B	1	
Non-tradesmen	NT	B	1	

INFANTRY

Infantry soldier (cpl and above)	NT	A	2	(a)
Infantry soldier	NT	B	1	(c)
Infantryman specialist and non-tradesman specialist	NT	B	1	(f)
Clerk shorthand writer	A	A	2	
Work study operator (WO only)	A	A	2	
Bandman	A	A	2	
Bricklayer	B	B	1	(f)
Carpenter and joiner	B	B	1	(f)
Clerk	B	B	1	(f)
Painter and decorator	B	B	1	(f)
Storeman technical	B	B	1	(f)
Cook (Guards only)	B	B	1	(f)
Regimental tailor (Guards only)	B	B	1	(f)
Plumber and pipefitter (Class III only)	B	B	1	
Butcher (Class III only)	B	B	1	
Equipment repairer (Class III only)	B	B	1	

SPECIAL AIR SERVICE (INCLUDING SAS SIGNAL SQUADRON)

SAS soldier	NT	T†	3	(g)
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ARMY AIR CORPS

Pilot (including Tourist fliers) (sgt and above)	A	A	2	
Air gunner	—	A	2	

ROYAL CORPS OF TRANSPORT

Marine engineer	A	T†	3	
Hovercraft pilot (senior NCO only)	A	T†	3	
Hovercraft navigator (senior NCO only)	A	T†	3	
Navigator (ocean watch-keeper)	A	T†	3	
Heavy crane operator	A	A	2	
Navigator	A	A	2	
Railwayman	A	A	2	
Traffic operator RCT	A	A	2	
Clerk shorthand writer	A	A	2	
Bandman	A	A	2	
Work study operator (WO only)	A	A	2	
Engine fitter (IC and P)*	A	A	2	
Marine fitter*	A	A	2	
Traffic operator railway*	A	A	2	
Railway engine driver (diesel)*	A	A	2	
Railway engine driver (steam)*	A	A	2	
Air despatcher (sgt and above)	B	B	1	
Air despatcher	B	B	1	
Driver specialist (tank transporter)	B	A	2	(h)
Driver specialist (amphibian)	B	A	2	
Driver specialist (bridging)	B	A	2	
Driver specialist (GW)	B	A	2	
Clerk	B	B	1	
Driver air loader	B	B	1	
Driver and driver (radio op)	B	B	1	
Brakesman and shunter	B	B	1	
Freight handler	B	B	1	
Seaman	B	B	1	
Driver horse transport	B	B	1	
Riding instructor	B	B	1	
Blockman*	B	B	1	
Boilermaker*	B	B	1	
Clerk (movement control)*	B	B	1	
Non-tradesmen	NT	B	1	

ROYAL ARMY MEDICAL CORPS

Army health inspector (s/sgt and above)	T	T	3	
Physiotherapist	T	T	3	
Radiographer	T	T	3	
Laboratory technician	T	T†	3	
Trained nurse (SRN)	A	A	2	
Trained nurse (AI)	A	A	2	

Trade and arm/service	Trade gp at 31 Mar 70	Trade gp wef 1 Apr 70	Pay band wef 1 Apr 70	Notes
Trained mental nurse (RMN)	A	T†	3	
Trained mental nurse (AI)	A	A	2	
Operating theatre technician qualified as SRN	A	T†	3	
Operating theatre technician	A	A	2	
Bandsman	A	A	2	
Army male nurse (SRN and RMN stream)	B	A	2	(i)
Army male nurse (including SEN and SEN/SEMN streams)	B	B	1	(j)
Mental nurse assistant	B	B	1	
Chiropodist	B	B	1	
Dispenser	A	A	2	
Medical assistant	B	B	1	
Clerk	B	B	1	
Hygiene assistant	B	B	1	
Special treatment assistant	B	B	1	
Storeman technical	B	B	1	
Non-tradesmen	NT	B	1	

ROYAL ARMY ORDNANCE CORPS

Ammunition technician	T	T	3	
Work study operator (WO only)	A	A	2	
Printer	A	A	2	
Photographer	A	A	2	
Bandsman	A	A	2	
Clerk shorthand writer	A	A	2	
Lithographic artist*	A	A	2	
Photo-printer (photo mech (LPM))*	A	A	2	
Lithographic machine minder*	A	A	2	
Chemical laboratory assistant	A	A	2	
Staff clerk	B	B	1	
Clerk technical	B	B	1	
Storeman	B	B	1	
Vehicle specialist	B	B	1	
Baker	B	B	1	
Butcher	B	B	1	
Crane operator	B	B	1	
Laundry operator	B	B	1	
Petroleum operator	B	B	1	
Tailor	B	B	1	
Textile refitter	B	B	1	
Driver	B	B	1	
Bookbinder*	B	B	1	
Operator office machinery*	B	B	1	
Non-tradesmen	NT	B	1	

ROYAL ELECTRICAL AND MECHANICAL ENGINEERS

Artificers (s/sgt and above)	T	T	3	
Aircraft technicians (AE) and (EIR)	T	T	3	
Control equipment technician	T	T	3	
Telecommunications technician	T	T	3	
Instrument technician	T	T	3	
Radar technicians	T	T	3	
Telegraph technician	T	T	3	
Draughtsman (mech)*	A	T†	3	
Armourer	A	A	2	
Vehicle mechanics (A) and (B)	A	A	2	
Electrician	A	A	2	
Fitter turner	A	A	2	
Fitter gun	A	A	2	
Shipwrights (metal) and (wood)	A	A	2	
Bandsman	A	A	2	
Clerk shorthand writer	A	A	2	
Fitter electrician*	A	A	2	
Fitter locomotive steam*	A	A	2	
Fitter locomotive diesel*	A	A	2	
Metalsmith	B	B	1	
Recovery mechanic	B	B	1	
Driver RME	B	B	1	
Clerk	B	B	1	
Storeman	B	B	1	
Carriage and wagon repairer*	B	B	1	
Boilermaker*	B	B	1	
Coach trimmer*	B	B	1	
Non-tradesmen	NT	B	1	

ROYAL MILITARY POLICE

Clerk shorthand writer	A	A	2	
Policeman (including specialisations) (cpls and above)	NT	A	2	(a)
Policeman (including specialisations)	NT	B	1	(c)
Clerk RMP	B	B	1	

ROYAL ARMY PAY CORPS

Clerk shorthand writer	A	A	2	
Clerk (assistant programmer) (s/sgt and above)	B	T†	3	
Clerk (assistant cost and management accountant) (s/sgt and above)	B	T†	3	
Clerk RAPC	B	B	1	
Non-tradesman	NT	B	1	

ROYAL ARMY VETERINARY CORPS

Radiographer veterinary	T	T	3	
Dog trainer	B	B	1	
Clerk	B	B	1	
Farrier	B	B	1	
Saddle and harness maker	B	B	1	
Riding instructor	B	B	1	
Driver horse transport (Class III only)	B	B	1	
Non-tradesmen	NT	B	1	

MILITARY PROVOST STAFF CORPS

Clerk shorthand writer	A	A	2	
Clerk	B	B	1	
Security NCO (sgt and above)	NT	A	2	

Trade and arm/service	Trade gp at 31 Mar 70	Trade gp wef 1 Apr 70	Pay band wef 1 Apr 70	Notes
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ROYAL ARMY DENTAL CORPS

Dental hygienist	A	A	2	
Dental technician	A	A	2	
Dental clerk assistant	B	B	1	

ROYAL PIONEER CORPS

Clerk shorthand writer	A	A	2	
Clerk	B	B	1	
Driver	B	B	1	
Non-tradesmen	NT	B	1	

INTELLIGENCE CORPS

Operator intelligence and security	A	A	2	
Analyst (special intelligence)	A	A	2	

ARMY PHYSICAL TRAINING CORPS

PT instructor (sgt and above)	NT	B	1	
Remedial gymnast (sgt and above)	A	A	2	

ARMY CATERING CORPS

Cook (qualified A1)	A	A	2	(k)
Cook	B	B	1	
Non-tradesmen	NT	B	1	

ROYAL MILITARY ACADEMY

Bandsman	A	A	2	
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QUEEN ALEXANDRA'S ROYAL ARMY NURSING CORPS

Laboratory technician	T	T	3	
Physiotherapist	T	T	3	
Radiographer	T	T	3	
Trained nurse (SRN)	A	T†	3	
Trained nurse (AI)	A	A	2	
Trained mental nurse (RMN)	A	T†	3	
Trained mental nurse	A	A	2	
Operating theatre technician qualified as SRN	A	T†	3	
Operating theatre technician	A	A	2	
Army nurse (SRN and RMN stream)	B	A	2	(i)
Army nurse (including SEN and SEN/SEMN stream)	B	B	1	(j)
Dental hygienist	A	A	2	
Dispenser	A	A	2	
Chiropodist	B	B	1	
Clerk	B	B	1	
Dental clerk assistant	B	B	1	
Medical assistant	B	B	1	
Mental nurse assistant	B	B	1	
Special treatment assistant	B	B	1	
Storeman (technical)	B	B	1	
Non-tradeswomen	NT	B	1	

WOMEN'S ROYAL ARMY CORPS

Telecommunications technician	T	T	3	
Instrument technician	T	T	3	
Experimental assistant (gunnery)	A	A	2	
Clerk shorthand writer	A	A	2	
Analyst (special intelligence)	A	A	2	
Bandswoman	A	A	2	
Signal centre supervisor (s/sgt and above)	A	A	2	
Cook (qualified A1)	A	A	2	(k)
Cook	B	B	1	
Driver	B	B	1	
Storewoman (technical)	B	B	1	
Clerk	B	B	1	
Comcen operator	B	B	1	
Switchboard operator	B	B	1	
Clerk technical RAOC	B	B	1	
Radar operator	B	B	1	
Clerk RAPC	B	B	1	
Postal and courier operator	B	B	1	
Hairdresser	B	B	1	
Cipher operator	B	B	1	
Operator office machinery	B	B	1	
Non-tradeswomen	NT	B	1	

ALL ARMS/SERVICES

Recruit	Recruit	Recruit	Recruit	
---------	---------	---------	---------	--

* Obsolescent trades

† Trades not subject to mustering and promotion rules applicable to technicians

NOTES:

(a) Band 2 for corporal and above if qualified at class/standard II (or I).

(b) Additional pay will be given to soldiers who are appointed commander of a tank or armoured car or are appointed commander (GW controller).

(c) Band 1 for ranks below corporal.

(d) The issue of pay at Band 3 rates is dependent upon the soldier remaining fully qualified in both skills.

(e) Band 2 for bombardiers and above qualified as coverer.

(f) A corporal and above qualified as an infantry tradesman and infantry specialist or an infantry non-tradesman specialist class/standard II (or I) may be Band 2 if also qualified as an infantry soldier standard II or I.

(g) Band 3 on completion of SAS training.

(h) Band 2 for sergeant and above.

(i) A "student nurse" recruited for and undergoing training leading to an SRN or RMN qualification will be assessed for pay in Band 1 initially and Band 2 on attaining a class III qualification.

(j) A "pupil" nurse undergoing training leading to an SEN or SEMN qualification will be assessed for pay in Band 1. Nurses so qualified will be included in Band 1.

(k) Band 2 when qualified as A1 tradesman/tradeswoman.

OFFICERS' PAY

NORMAL RATES

(including Royal Army Educational Corps)

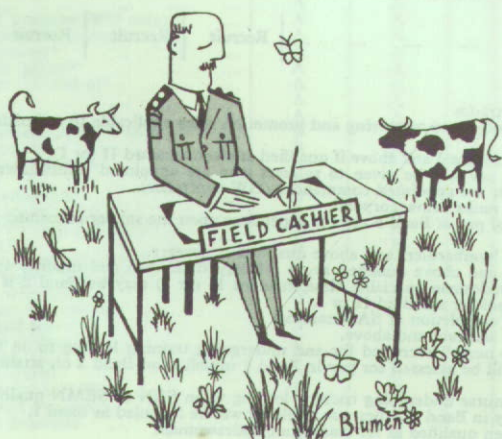
Rank	Service	Daily basic	Annual basic
Second-lieutenant	On appointment	£88	£1606
Lieutenant	After 1 year in rank	101	1843
	After 2 years in rank	104	1898
	After 3 years in rank	107	1953
	After 4 years in rank	110	2008
Captain	On appointment	112	2044
	After 1 year in rank	123	2245
	After 2 years in rank	126	2300
	After 3 years in rank	129	2354
	After 4 years in rank	132	2409
	After 5 years in rank	134	2446
	After 6 years in rank	137	2500
	After 7 years in rank	140	2555
	After 8 years in rank	142	2592
	After 9 years in rank	145	2646
	After 10 years in rank	148	2701
	After 11 years in rank	151	2756
	After 12 years in rank	153	2792
Major	On appointment	156	2847
	After 1 year in rank	160	2920
	After 2 years in rank	163	2975
	After 3 years in rank	166	3030
	After 4 years in rank	168	3066
	After 5 years in rank	171	3121
	After 6 years in rank	174	3176
	After 7 years in rank	177	3230
	After 8 years in rank	179	3267
	After 9 years in rank	182	3322
Lieutenant-colonel, Special List	On appointment, less than 19 years' service	196	3577
Lieutenant-colonel	After 2 years in rank or 19 years' service	210	3833
	After 4 years in rank or 21 years' service	215	3924
	After 6 years in rank or 23 years' service	221	4033
	After 8 years in rank or 25 years' service	226	4125
Colonel	On appointment	232	4234
	After 2 years in rank	255	4654
	After 4 years in rank	263	4800
	After 6 years in rank	271	4946
	After 8 years in rank	279	5092
	After 10 years in rank	288	5256
Brigadier	On appointment	315	5749
Major-general	After 2 years in rank	370	6753
Lieutenant-general	After 4 years in rank	438	7994
General	After 6 years in rank	521	9508
Field-marshal	After 8 years in rank	575	10494

† The additional increments on the captains' pay scale will continue to apply to certain special Regular, extended service and short service officers but not to special Regular officers of the Royal Army Educational Corps.

Note: An officer other than a quartermaster or officer of the RMA or of the Brigade of Gurkhas, commissioned from the ranks on or after 1 April 1970, may receive the rate of pay he last received as a soldier with the addition of 10s a day if and for so long as this is more favourable than his normal entitlement to pay as an officer.

ROYAL ARMY CHAPLAINS' DEPARTMENT

Rank	Service	Daily basic	Annual basic
Chaplains class 4 (captain), class 3 (major) and class 2 (lieutenant-colonel)	On entry	£123	£2245
	After 2 years' service	127	2318
	After 4 years' service	131	2391
	After 6 years' service	150	2738
	After 8 years' service	155	2829
	After 10 years' service	160	2920
	After 12 years' service	165	3011
	After 14 years' service	185	3376
	After 16 years' service	189	3449
	After 18 years' service	193	3522
	After 20 years' service	197	3595
	After 22 years' service	217	3960
	After 24 years' service	221	4033
	After 26 years' service	225	4106
Chaplain class 1 (colonel)	On appointment, less than 26 years' service	225	4106
Principal chaplain (colonel)	After 2 years in rank or 26 years' service	229	4179
Deputy chaplain-general (brigadier)		255	4654
Chaplain-general (major-general)		271	4946
		315	5749



ROYAL ARMY MEDICAL CORPS

ROYAL ARMY DENTAL CORPS

Rank	Service	Daily basic	Annual basic
Captain	On appointment	£155	£2829
	After 2 years in rank	157	2865
	After 4 years in rank	161	2938
Major	On appointment	188	3431
	After 1 year in rank	190	3468
	After 2 years in rank	193	3522
	After 3 years in rank	196	3577
	After 4 years in rank	199	3632
	After 5 years in rank	202	3687
	After 6 years in rank	205	3741
	After 7 years in rank	208	3796
Lieutenant-colonel	On appointment	235	4289
	After 2 years in rank	240	4380
	After 4 years in rank	245	4471
	After 6 years in rank	250	4563
	After 8 years in rank	255	4654
Colonel	On appointment	274	5001
	After 2 years in rank	277	5055
	After 4 years in rank	281	5128
	After 6 years in rank	284	5183
	After 8 years in rank	288	5256
Brigadier		334	6096
Major-general		378	6899
Lieutenant-general		438	7994

Rank	Service	Daily basic	Annual basic
Provisionally registered medical practitioners			
Lieutenant		£101	£1843

ROYAL ARMY VETERINARY CORPS

Rank	Service	Daily basic	Annual basic
Lieutenant	On appointment	£115	£2099
Captain	After 1 year in rank	128	2336
	After 2 years in rank	131	2391
	After 3 years in rank	134	2445
	After 4 years in rank	137	2500
	After 5 years in rank	139	2537
	After 6 years in rank	142	2591
	After 7 years in rank	145	2646
Major	On appointment	165	3011
	After 1 year in rank	168	3066
	After 2 years in rank	171	3121
	After 3 years in rank	174	3176
	After 4 years in rank	176	3212
	After 5 years in rank	179	3267
	After 6 years in rank	182	3322
	After 7 years in rank	184	3358
	After 8 years in rank	187	3413
Lieutenant-colonel	On appointment	215	3924
	After 2 years in rank	220	4015
	After 4 years in rank	226	4124
	After 6 years in rank	231	4216
	After 8 years in rank	237	4325
Colonel	On appointment	255	4654
	After 2 years in rank	263	4800
	After 4 years in rank	271	4946
	After 6 years in rank	279	5092
	After 8 years in rank	288	5256
Brigadier		315	5749

ARMY LEGAL SERVICES

Rank	Service	Daily basic	Annual basic
Captain	On appointment	£134	£2446
	After 1 year in rank	137	2500
	After 2 years in rank	140	2555
	After 3 years in rank	143	2610
	After 4 years in rank	145	2646
	After 5 years in rank	148	2701
Major	On appointment	175	3194
	After 1 year in rank	178	3249
	After 2 years in rank	181	3303
	After 3 years in rank	183	3340
	After 4 years in rank	186	3395
	After 5 years in rank	189	3449
	After 6 years in rank	192	3504
Lieutenant-colonel	On appointment	225	4106
	After 2 years in rank	230	4198
	After 4 years in rank	236	4307
	After 6 years in rank	241	4398
	After 8 years in rank	247	4508
Colonel	On appointment	270	4928
	After 2 years in rank	278	5074
	After 4 years in rank	286	5220
	After 6 years in rank	294	5366
	After 8 years in rank	303	5530
Brigadier		330	6023
Major-general		370	6753

QUARTERMASTERS

Rank	Service	Daily basic	Annual basic
Lieutenant, captain and major	On appointment	£ 142	£ 2592
	After 1 year's service	144	2628
	After 2 years' service	146	2665
	After 3 years' service	149	2719
	After 4 years' service	152	2774
	After 5 years' service	155	2829
	After 6 years' service	158	2884
	After 8 years' service	161	2938
	After 10 years' service	166	2993
	After 12 years' service	167	3048
Lieutenant-colonel	After 14 years' service	170	3103
	After 16 years' service	172	3139
	After 18 years' service	174	3176
	On appointment	195	3559
	After 3 years in rank	200	3650

Note: The increases for single men have been delayed by the Government, on incomes policy grounds, until 1 April 1971. Until then the pay rates in the above tables are reduced for single men by the following amounts;

Second-lieutenants	9s daily
Lieutenants	15s daily
Captains	17s daily
Major	18s daily
Lieutenant-colonel	19s daily
Colonel and brigadier	20s daily
Major-general	30s daily
Lieutenant-general and above	40s daily

ADDITIONAL PAY

Flying pay	Daily
Second-lieutenant	21 6
Lieutenant	23 6
Lieutenant (after 2 years)	25 6
Captain	27 0
Major	27 0
Lieutenant-colonel	27 0
Colonel	25 6
Brigadier	18 6

Air despatch pay	Daily
	5 0

ACCOMMODATION CHARGES

Married quarters	Type	Proposed annual charge	Interim annual charge
Standard	V & VI	£ 260 10 0	£ 238 15 0
	IV	307 14 9	278 18 0
	III	*377 1 1	*331 10 0
	II	*425 0 0	*385 12 0
	I	*475 0 0	*428 12 0
Sub-standard	3 bedrooms or fewer		159 3 0
	4 bedrooms or fewer		185 18 0

*Includes garage charge.

Single accommodation	Rank	Daily charge	Monthly charge
Standard	Captain and below	8 0	12 2 0
	Major	9 9	14 16 7
	Lieutenant-colonel and above	10 11	16 11 7
Senior officer's single room	Major	8 7	12 19 9
	Lieutenant-colonel and above	9 9	14 15 2
Sub-standard	Captain and below	5 4	8 1 4
	Major	5 11	8 19 1
	Lieutenant-colonel and above	7 1	10 14 6

DISTURBANCE ALLOWANCE

	Married	Married, with 1 child*	Married, with 2 children*	Married, 3 or more children*
Move into private accommodation (Rate 1)	£ 100	£ 125	£ 145	£ 155 0
Move into public accommodation or hiring (Rate 2)	50	75	95	105 0
Move from residence at station into furnished accommodation or hiring at same station	25†	50†	70†	80†

*Admissible only if children change day schools.

†Child increment admissible only when day schools change.

The following additional expenses will be admissible on proof of payment:

- On posting within UK, cost of preliminary visit to new station when about to occupy private accommodation for Serviceman and his wife.
- On posting from overseas to UK, hotel costs up to three days within ceiling of normal subsistence allowances to include entitled members of family.
- Loss of day school fees on posting.
- Single personnel living out of mess/barracks because of their appointment or because no public accommodation is available may claim refund of removal expenses up to entitlement of their rank plus certain other expenses.

WOMEN OTHER RANKS' PAY

Rank	Basic daily pay		
	Band 1	Band 2	Band 3
Private class IV (recruit)	£ 43	—	—
Private class III	48	53	—
Private class II	50	55	65
Private class I	53	58	—
Lance-corporal class III	53	58	—
Lance-corporal class II	55	60	71
Lance-corporal class I	59	64	—
Corporal class II	64	69	79
Corporal class I	67	72	—
Sergeant	75	80	87
Staff-sergeant	80	85	92
Warrant officer class II	85	90	97
Warrant officer class I	89	94	101

INCREMENTS

Rank	Daily
All ranks:	4
After 3 years' service	7
Total after 6 years' service	11
Total after 9 years' service	14
Total after 12 years' service	18
Total after 15 years' service	21
Total after 18 years' service	23
Total after 22 years' service	—

OFFICER CADETS

	Daily basic
On entry	£ 43

ADDITIONAL PAY

Regimental quartermaster-sergeant's additional pay and isolation pay for nurses are discontinued.

ACCOMMODATION CHARGES

Single accommodation	Rank	Daily charge	Weekly charge
Standard	Corporal and below	£ 3 3	£ 1 2 4
	Warrant officer/senior NCO	6 4	2 3 10
Sub-standard	Corporal and below	2 2	1 11
	Warrant officer/senior NCO	4 3	1 9 3



WOMEN OFFICERS' PAY

QUEEN ALEXANDRA'S ROYAL ARMY NURSING CORPS

WRAC AND QARANC QUARTERMASTERS

NURSING OFFICERS

Rank		Daily basic	Annual basic
Lieutenant	On appointment	88	1606
	After 1 year in rank	90	1643
	After 2 years in rank	93	1697
	After 3 years in rank	95	1734
Captain	On appointment	107	1953
	After 1 year in rank	109	1989
	After 2 years in rank	112	2044
	After 3 years in rank	114	2081
Major	On appointment	116	2117
	After 1 year in rank	119	2172
	After 2 years in rank	121	2208
	After 3 years in rank	123	2245
Lieutenant-colonel	On appointment	126	2300
	After 1 year in rank	128	2336
	After 2 years in rank	131	2391
	After 3 years in rank	133	2427
Colonel	On appointment	139	2537
	After 1 year in rank	141	2573
	After 2 years in rank	144	2628
	After 3 years in rank	146	2665
Brigadier	On appointment	148	2701
	After 1 year in rank	151	2756
	After 2 years in rank	153	2792
	After 3 years in rank	156	2847

Rank		Daily basic	Annual basic
Lieutenant, captain and major	On appointment	115	2099
	After 1 year's service	118	2154
	After 2 years' service	121	2208
	After 3 years' service	124	2263
Lieutenant-colonel	On appointment	127	2318
	After 1 year's service	130	2373
	After 2 years' service	133	2427
	After 3 years' service	136	2482
Colonel and brigadier	On appointment	139	2537
	After 1 year's service	142	2592
	After 2 years' service	145	2646
	After 3 years' service	148	2701

Note: An officer, other than a quartermaster, commissioned from the ranks on or after 1 April 1970 may receive the rate of pay she last received in the ranks with the addition of 10s a day if and for so long as this is more favourable than her normal entitlement to pay as an officer.

Note: The increases for single women officers have been delayed by the Government, on incomes policy grounds, until 1 April 1971. Until then the pay of single women officers will be less than the rates in the above tables by the following amounts:

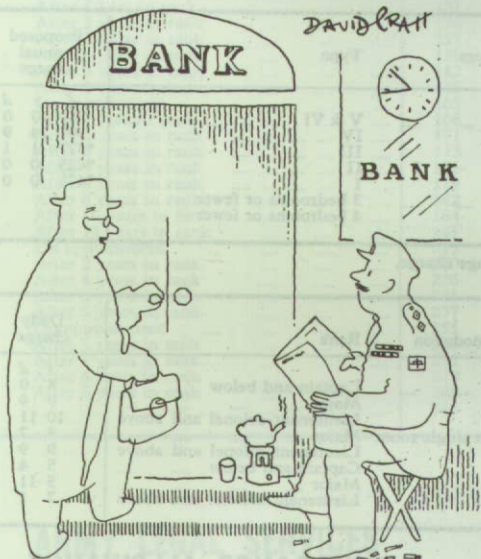
Second-lieutenant	7s daily
Lieutenant	11s daily
Captain	13s daily
Major	14s daily
Lieutenant-colonel	15s daily
Colonel and brigadier	16s daily

WOMEN'S ROYAL ARMY CORPS QARANC NON-NURSING OFFICERS

Rank		Daily basic	Annual basic
Second-lieutenant	On appointment	76	1387
	After 1 year in rank	88	1606
	After 2 years in rank	90	1643
	After 3 years in rank	93	1697
Captain	On appointment	95	1734
	After 1 year in rank	107	1953
	After 2 years in rank	109	1989
	After 3 years in rank	112	2044
Major	On appointment	114	2081
	After 1 year in rank	116	2117
	After 2 years in rank	119	2172
	After 3 years in rank	121	2208
Lieutenant-colonel	On appointment	123	2245
	After 1 year in rank	126	2300
	After 2 years in rank	128	2336
	After 3 years in rank	131	2391
Colonel	On appointment	133	2427
	After 1 year in rank	139	2537
	After 2 years in rank	141	2573
	After 3 years in rank	144	2628
Brigadier	On appointment	146	2665
	After 1 year in rank	148	2701
	After 2 years in rank	151	2756
	After 3 years in rank	153	2792

ACCOMMODATION CHARGES

Single accommodation	Rank	Daily charge	Monthly charge
Standard	Captain and below	8 0	12 2 0
	Major	9 9	14 16 7
	Lieutenant-colonel and above	10 11	16 11 7
	Major	8 7	12 19 9
Senior officer's single room	Lieutenant-colonel and above	9 9	14 15 2
	Captain and below	5 4	8 1 4
	Major	5 11	8 19 1
	Lieutenant-colonel and above	7 1	10 14 6



"Ah! ... Lieutenant Wiggs ... Must be the first day of the month again already."

"SIR! 167 DENARII SHORT IN MY PAY, SIR!"

"O there'll surely come a day
When they'll give you all your pay . . ."

Kipling was alluding of course to the callous exactions which left the soldier of the line but a fraction of the shilling a day for which he'd signed up.

Items like "miscellaneous" covered everything from barrack damages to beer for the quarterbloke.

But if "stoppages" are just as unpop-

ular today, it might be consoling to learn that the tradition goes a long way back.

A Roman soldier's pay slip found in Egypt shows that he too must often have wondered what happened to the other 167 denarii! His annual salary, in the first century AD was 225 denarii which he received in three instalments of 75d —less stoppages of course. For his bed he was charged 3d, 24d for food, and

boots cost him 3½d.

An interesting item was the six denarii for the annual dinner. Did the centurions wait at table one wonders?

Further deductions included 1½d for the burial club, 18d for clothing and equipment, the total amounting to 55d, leaving just 19d with which he could do as he pleased—till the next four-monthly pay day. That's a lot of Thursdays.



LETTERS

Royal Marines King's Badge

I was very interested to read Mr Bell's letter (December) about the King's Badge and thought you would be interested to hear about the Royal Marines King's Badge.

This was instituted by King George V on a visit to the Royal Marines Depot, Deal, in March 1918 when he directed that the senior recruit squad in the corps would in future be known as the King's Squad. The King also directed that his royal cypher surrounded by a laurel wreath be known as the King's Badge and awarded to the best all-round



recruit of the King's Squad "provided that he be worthy of the honour."—**Capt C J R Goode RM, Infantry Training Centre, Royal Marines, Lymington, Exmouth, Devon.**

Family regiment

Further to my last letter (March) about our brothers, here is a photograph of our "Sons of the regiment" (Queen's Own Highlanders).

There are 54 in the photograph and there is actually one father and son combination present. Private MacKay, second from left in front row, is the father of "Young" Private MacKay, fourth from left in the back row. The officer in Arab dress in the front row is in fact a Queen's Own Highlander seconded to the Trucial Oman Scouts out here in Sharjah. Can anyone beat 54?—**Capt R I H Haugh, 1st Bn, The Queen's Own Highlanders, BFPO 64.**

DEATH'S HEAD

Can any reader enlighten me on the Earl of Brunswick's Death's Head, be they cavalry or infantry I know not. All I do know is that their uniform was black with the Death's Head on the headdress. They were raised for Waterloo and I think they were completely wiped out or, if not, there were very few survivors.—**B K King, 7 Lower Downse Road, Raynes Park, Wimbledon, London SW20.**

14th not 15th

At the bottom of p 32 in the February SOLDIER are pictures of two model cavalymen. On the left is a French Chasseur and to the right "a professionally finished 15th Hussar kettle-drummer."

The drummer is not a 15th Hussar but a soldier of the 14th King's Hussars, as proved by the Prussian eagle badge displayed as appointments on the drum-banners. As the 14th (King's) Light Dragoons, the regiment received the honour of wearing the eagle badge in 1790 when it was the escort to Princess Ulrica of Prussia when she came to England to marry a member of our own royal family. Except for a short period during World War One the regiment has worn the Prussian eagle as a cap badge ever since.

The regiment is now the 14th/20th King's Hussars and has recently again been honoured, this time by the appoint-

ment of Princess Anne as colonel-in-chief.—**Maj (EO) T A Grant RAEC (late WO II 14/20 H), Group Education Officer London (North), 30 Army Education Centre, King's Buildings, Dean Stanley Street, London SW1.**

★ One up to Major Grant. Our typing finger must have hit the next key along!

Giddy goat

On the subject of "drill for goats on parade" I enclose an illustration of the markhor (goat) mascot of the Gilgit Scouts marching unaccompanied and apparently quite happily to the left of the third rank of pipers in their pipes and drums.

Could the answer be for Corporal Gardiner to learn to play the pipes?—**Cmdr Ian Hamilton RN, Morven,**

15 Craigend Road, Ellon, Aberdeen-shire.

★ Unfortunately Cdr Hamilton's illustration could not be reproduced.

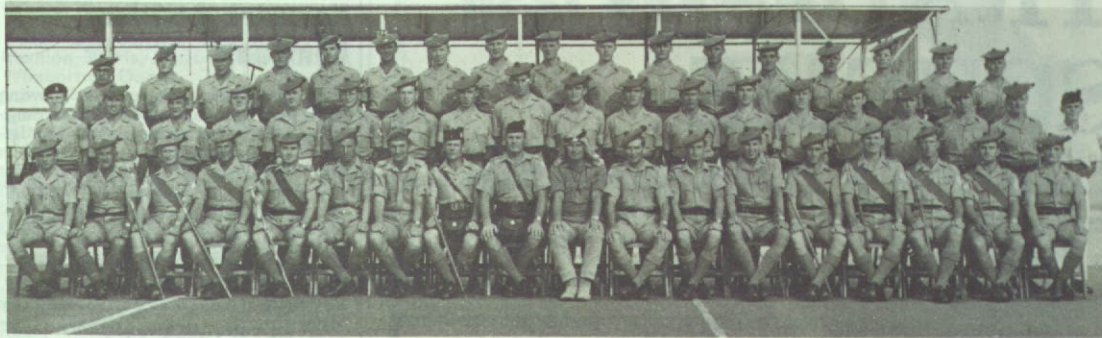
Queen's Own Hussars

I am doing a history of the Queen's Own Hussars and would like to know if any SOLDIER reader has any old books, badges and photographs they do not want. A photo of the regiment's No 1 dress and officers' mess dress as well as information on vehicle markings such as slogans etc—in fact anything concerning the regiment from 1818 to modern times—would be most welcome.—**J/Pte Jones 58, 1S Plt, D Coy, IJLB, Park Hall Camp, Oswestry, Salop.**

More firsts

I was interested to see in Letters (January) that The King's Own Royal Border Regiment's claim that its ancestor, The King's Own Royal Regiment, was the first unit to be air-transported into battle, was beaten by The Royal Inniskilling Fusiliers.

In compensation here are some perhaps lesser-known Border "firsts." By some strange coincidence the 2nd Battalion was three times among the first to try out new rifles in action. In the first China War (1840-42) the 55th had the new percussion muskets; in Bhootan (1864-66) they had the new Enfield rifle; in the Waziristan campaign of 1894-95, the first in which Lee Metford rifles and cordite cartridges were used, the 2nd Borders were the only British regiment engaged and it is



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more LETTERS

thus reasonable to assume that they carried the new rifle.

On the domestic front the Borders pioneered with equal success. Before 1914 they had in Carlisle Castle one of the first canteen/coffee bars (as distinct from wet canteens and Army Temperance Association huts). The Border Regiment, according to report, instituted the tea meal as there was no meal after mid-day dinner in the Victorian Army. Finally, a Border Regiment officer, Colonel Meiklejohn, was instrumental in getting hospital stoppages abolished for illness during the 1914-18 War.—J Hodgson, hon secretary, Preston branch, The Border Regiment Association, 262 New Hall Lane, Preston PR1 4ST.

Camels and the Legion

May I be permitted to make an observation on the last paragraph of the article "From the Square to the Ring" (December) which says that "even the dromedaries are ex-Army. They came from the French Foreign Legion."

Although I entertain no pretensions to being an expert on la Légion, there never existed to the best of my knowledge a unit which might be characterised as being a camel corps or mehariste (Mehari—racing camel). Mehari units were composed of French officers and non-commissioned officers while the enlisted personnel were a mixture of Chamba, Requibat and some Tuareg tribesmen. Organisation-wise there were Mehari units as part of the Troupes Métropolitaines, Troupes de Marine, Compagnie Mehari, Goum, Makhzen and Troupes du Levant.

Any correspondence relating to the Legion and Mehari would be most welcome.—Gene Christian, Militaria Exotica, 3849 Bailey Avenue, Bronx, New York 10463, USA.

Newport Artillery Company

Our military museum is growing rapidly and we are constantly re-arranging to get the better items into the display. Quite a few interesting exhibits have been donated to us during the past year. But we now find ourselves with an over-abundance of US Navy, Army and Marine Corps items which we would willingly swap with any bona fide museum or collector for British items.—Maj Elton M Manuel, curator, Newport Artillery Company Museum, 23 Clarke Street, Newport, Rhode Island, USA.

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NEW EMBLEM

This is the emblem of The Queen's Division now being used on divisional flags, notice boards, notepaper and vehicles. The new emblem also features prominently at the recently opened divisional depot at Basingstoke, Cambridgeshire, where it flies alongside the regimental flags of the three regiments comprising the division—The Queen's Regiment, The Royal Regiment of Fusiliers and The Royal Anglian Regiment. Plaques embodying the emblem—a QD monogram in gold beneath a golden crown on a background of royal blue—are being produced.

For the blind

I enclose the names and addresses of the winners of the free half-year subscriptions to SOLDIER in our "Lucky Dip" in aid of the Wireless for the Blind Fund.

The appeal this year went extremely well and, in spite of the pressures on our pockets of sterling devaluation, added value tax and Deutschmark revaluation, we improved on last year's total and expect to raise £4200.—J K Parsons, Station Controller, British Forces Broadcasting Service Germany, BFPO 19.

ACROSTICODE

Solution of the November Competition 138 was a well-known quotation, "If you can keep your head when all about you are losing theirs and blaming it on you," by an equally well-known author, Rudyard Kipling.

Prizewinners:

- 1 J Shine, DO, FVRDE, Chobham Lane, Chertsey, Surrey.
- 2 D V Magee, 36 Wessex Road, Taunton, Somerset.
- 3 Mrs G Blackett, Wilsons Cottage, CAD Longtown, Carlisle, Cumberland.

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4 W C Ware, 9 Festival Close, Bexley, Kent.

5 Sgt J J Waters RAPC, HQ ACMAF, Stoughton Barracks, Guildford, Surrey.

6 A D Wine, 59 Graham Avenue, Mile Oak, Portslade, Sussex.

7 G Shepherd, 97 Western Avenue, Dagenham, Essex.

8 L R Thomas, 9 Philog Court, Whitchurch, Cardiff.

9 Maj R M Brewer RTR, Recruit Selection Centre, Basil Hill Barracks, Corsham, Wiltshire.

10 Phillip A Brookes, 418 Brownhill Road, Chandler's Ford, Hampshire SO5 2EE.

11 Mrs M Endacott, 26 Kenilworth Drive, Rainham, Gillingham, Kent.

12 O D Cresswell, 363 Oldpark Road, Belfast 14.

13 Lieut-Col R McCormick, c/o Debenshams Central Buying, Taunton, Somerset.

14 WO I F St C Burt REME, Army Scaling Authority REME, Woolwich, London SE18.

15 Lieut-Col B A T Hammond RA, 30 Tudor Drive, Otford, Kent.

HOW OBSERVANT ARE YOU?

(see page 13)

The two pictures differ in the following respects: 1 Right branch of tree. 2 Fingers on farmer's right hand. 3 Sign above near headlamp. 4 Tail of middle cow. 5 Broken edge of bridge. 6 Driver's tie. 7 Lorry's rear hub cap. 8 Width of dark side of bridge. 9 Number of vehicle. 10 Dust cloud behind rear wheel.

COLLECTORS' CORNER

J R Humphreys, 154 Church Road, Higher Tranmere, Birkenhead, Cheshire.—Wishes purchase cap badges and medals. Please state price.

Col D E Thornton, Plans & Policy Division, International Military Staff, NATO HQ, BFPO 49.—Wishes purchase SOLDIER volumes 1, 2 and 3 complete also No 1 of vol 4.

R P S Mann, 5 Bedford Mansions, Derngate, Northampton.—Requires discarded British Army cap badges. Regrets his collection not yet large enough for swaps.

M Stephenson, 83 Greenbank Road, Darlington.—Will buy or exchange foreign army steel helmets, dress helmets, caps and any form of military headdress from any country; also Nazi items of any kind. State price or requirements.

Charles Xuereb, 4 Ruby Street, Yagoona NSW 2199, Australia.—Wishes purchase or exchange all types British Army and Commonwealth military badges.

WO II W Townley, 41 Oxford Street, Worthington, Cumberland.—Has good selection Great Britain commemorative stamps for sale at a penny each. Please enclose SAE.

J B Hirsh, 145 Chapel Street, Windsor, Victoria 3181, Australia.—Requires British helmet plates all regiments and corps; artillery badges all countries; and medals. Will buy or exchange.

REUNIONS

South Wales Borderers and Monmouthshire Regiment Old Comrades. London branch reunion Saturday 18 April. Details from assistant secretary, J Ball, 69 The Burrows, Hendon, London NW4.

Royal Hussars Old Comrades Association. First annual reunion and dinner at Barkers Penthouse Restaurant, Kensington High Street, London, Saturday 2 May. Admission by ticket only. Details and tickets from Home Headquarters, The Royal Hussars, Lower Barracks, Winchester.

8 CRU, Kneller Hall, 1945. A reunion is being arranged for 4 July in London. For details contact Mrs I Lee, Lilac Cottage, Farthingstone, Towcester BN12 8EY (tel Preston Capes 645).

4th/7th Royal Dragoon Guards Past and Present Association. Reunion dinner Saturday 2 May at Northumberland Grand, Northumberland Avenue, London WC2. Details from Home Headquarters, 4th/7th Royal Dragoon Guards, Bapaume Lines, Segrave Road, Catterick Camp, Yorkshire.

Burma Reunion. All ex-Burma wallahs of 2nd, 4th, 9th battalions and other Border Regiment members please rally at Royal Albert Hall, London, 6pm, Saturday 23 May.

The York and Lancaster Regiment. Annual officers' lunch at RAF Club, 128 Piccadilly, London W1, Saturday 16 May, 12.30 for 1.15pm. Officers wishing to attend please inform RHQ Y & L, Endcliffe Hall, Sheffield S10 3EU, by 8 May.

Burma Star Association. Shepherds Bush branch ceremonial parade from White City TAVR Centre, headed by military band, to St Luke's Church, Uxbridge Road, London W12, for service of dedication of branch Standard, Sunday 3 May.

The Queen's Own Hussars. Reunion dinner Saturday 2 May at Criterion, Piccadilly, London W1. Dress optional. Tickets 25s each from Maj J S Sutherland (Rtd), HHQ The Queen's Own Hussars, Post Office Chambers, Old Square, Warwick.

Border Regiment. Weekend 9-10 May—cocktail party officers' mess, Carlisle Castle, 6pm; annual dinner 7.30 for 8pm, Swiss Court Restaurant, Carlisle; tickets from Maj T Mann, The Castle, Carlisle. Annual parade service 10 May, Carlisle Cathedral.

2nd Searchlight Regiment RA. Reunion 30 May, British Legion Club, Wimborne, Dorset, 7.30pm. Service and dedication of regiment's gifts (altar cloth and Bible) by Bishop of Salisbury, 31 May, Cranbourne Church, 11am.

15th/19th The King's Royal Hussars Regimental Association. Annual reunion dinner and dance at Derry & Toms Rainbow Room, Kensington High Street, London, Saturday 2 May, 6.30 for 7pm. Tickets or further information from Maj J R Laing, Home Headquarters, 15th/19th The King's Royal Hussars, Hutton Terrace, Sandyford Road, Newcastle-upon-Tyne NE2 1SH.

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Guide

PASS IN ALL SUBJECTS

"1812" (Band of the Scots Guards)
(Director of Music: Major James H Howe)
(Fontana LPS 16264).

Stand by for a panegyric for this must be one of the finest military band records ever made. Congratulations are to be shared by all concerned in its making, from the tea girl who kept the musicians lubricated to the producer himself; without first-class service from all an LP of this calibre cannot be made. The engineers and technicians have done wonders with the showpiece "1812" and indeed throughout the record. The sleeve is a masterpiece and the programme notes relevant, informative and modest for a change—and not even a misprint in sight.

In addition to "1812" we have Terence Brien's "Bell A'Peal," Friedemann's Second Slavonic Rhapsody and a Rossini aria ("Una Voce Poco Fa") arranged as a cornet solo. Major Howe supplies two items of his own, a march ("The Corner Flag") and a bolero ("The Beach at San Feliu")—a title guaranteed to appeal to all those of us who make the dash for the Costa Brava every summer.

I usually find something to "knock" on every record I review but in this case (Major Jimmy Howe and the band being superb throughout) I give a pass in all subjects—with honours.

RB

"The Golden Sound of the Hanwell Band" (Conductor, Eric Bravington)
(SAGA Eros 8023).

Hanley, Grimethorpe, Brighouse, Carlton, Rushden, Hanwell, Hebden—would anyone care to name the odd man out? All brass band towns but one of these is actually from the south. I have lived in Middlesex all my life, between Hanworth and Stanwell, yet needed to look at a map to discover Hanwell hidden away in London W7—as far west as you can go.

This record should, however, place Hanwell and its fine band firmly on the map, a lone southern contender against the invading hordes from the north. On the evidence of its performance here Hanwell could well put Grimethorpe, Brighouse *et al* to flight in future contests.

The album contains "The Blue Danube" and "Gold and Silver" waltzes (diabolically difficult to bring off on brass), three marches, "Trumpet Voluntary," "Jealousy," "Thunder and Lightning," "Stardust," "Hawaiian Samba" and an arrangement of "Dashing Away"—a programme of great variety and beautifully played with great skill and panache. No original works for band but I would guess most of them have been recorded on the spate of brass band LPs issued in recent years. Bravo Bravington and the lads from W7.

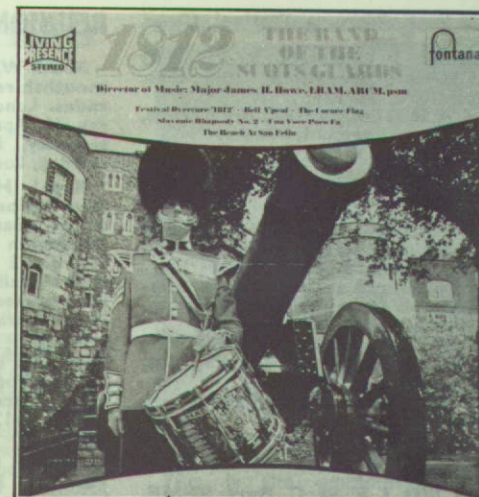
RB

"Salute to Brass" (GUS (Footwear) Band) Conductor: Stanley H Boddington)
(Columbia Studio 2 Stereo TWO 282).

This is one of those records which presents the band in a complete concert programme from march and overture to hymn tune.

Obviously there is a market for this sort of thing and without doubt EMI, with sure aim, have found the bull's eye. Not my taste in band music, there being little of quality, but when it is played as beautifully as this even Friedemann's Second Slavonic Rhapsody is bearable. Whether Bailey's overture "Diadem of Gold" could ever be more than a brass bangle is another matter.

The ubiquitous Sousa is represented by



"Stars and Stripes" and well-played solos on cornets and euphonium add a little spice to a fairly undistinguished programme. However, if in addition to these you fancy a selection from "Mary Poppins," "Swedish Rhapsody," "Tango Taquin," "Congratulations" and two hymn tunes then you won't find such items better played than on this LP.

The opening march on side two is called "Bandology" and I suppose that sums up what this record is all about. A pity there wasn't space for a modern work with a bit of bite. Brass sound at its brightest playing discords—and a little Worcester sauce would have made this musical meal perfect.

RB

NORTH WEST FRONTIER

This impressive scene of Victorian Military splendour portrays the magnificence of a field column during the 1870s-1890s—the era of the **Afghan** and **Waziristan** campaigns.



AN INDIAN FIELD COLUMN ON THE MARCH

4' 6" x 2' 1"

Painted by Richard Simkin (1891)

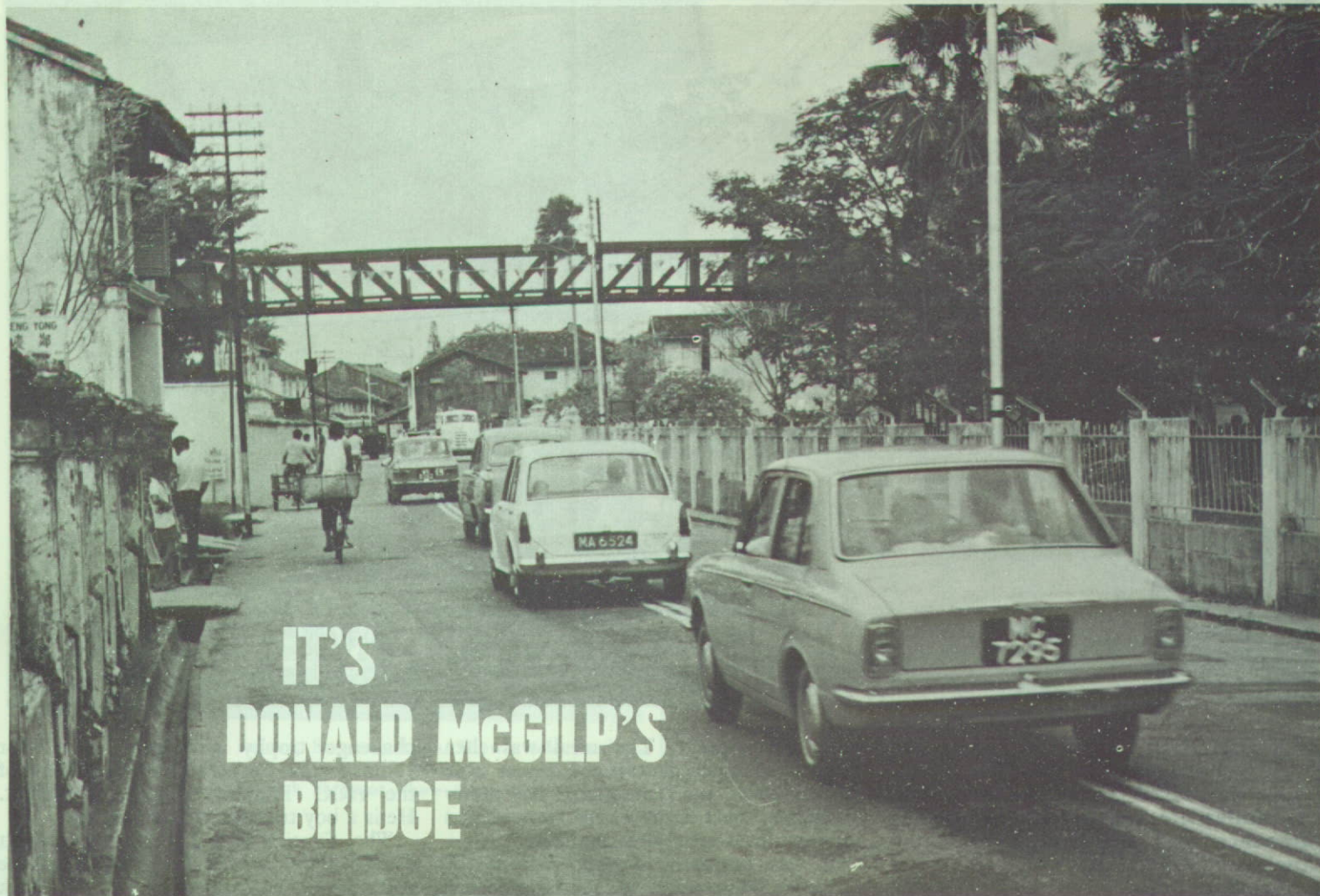
A splendid colour print depicting the **IMPERIAL INDIAN ARMY** against a background of the majestic Himalayas.

The superb picture of a whole Brigade on the move, near the **Khyber Pass**, is greatly enriched by the foreground prominence of the celebrated **Bengal Lancers**, sturdy **Goorkhas** and a mounted group of Staff Officers, headed by the General Commanding, —reflecting **British raj** in all its glory.

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For more details see "Frontier picture" letter—**SOLDIER** May '69. Back copies available.

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BRIGADIER R M Gurr, last commander of 28th Commonwealth Infantry Brigade, handed over a bridge to the Mother Superior of the Convent of the Holy Infant Jesus, Malacca, and named it the "Sapper McGilp Bridge."

It was all rather a surprise to Sapper Donald McGilp of 11 Independent Field Squadron, Royal Engineers. But after all he had been mainly responsible for building it.

Sapper McGilp, a carpenter by trade, spent six weeks working on the bridge in Terendak Camp.

It was then moved in sections on lorries and a low loader along 14 miles of narrow,

twisting road during an emergency early morning curfew.

The 74-foot span joins classrooms on either side of a main road, so now the children can cross without fear of accident.

The project was the last of many tasks done by 11 Independent Squadron. It has been stationed in Malaya since 1954 and is now leaving for Ripon to re-form as a field squadron in 38 Engineer Regiment.

The mother superior presented each sapper involved with a commemorative plaque and in return the sappers collected among themselves to buy two brass vases to hold flowers on the convent altar.

From a report by Army Public Relations, Seremban, Malaysia.



Above: Heavy traffic made the main road an accident hazard for the convent schoolgirls before the bridge was built. Far right: Brigadier Gurr and the mother superior were the first to cross.

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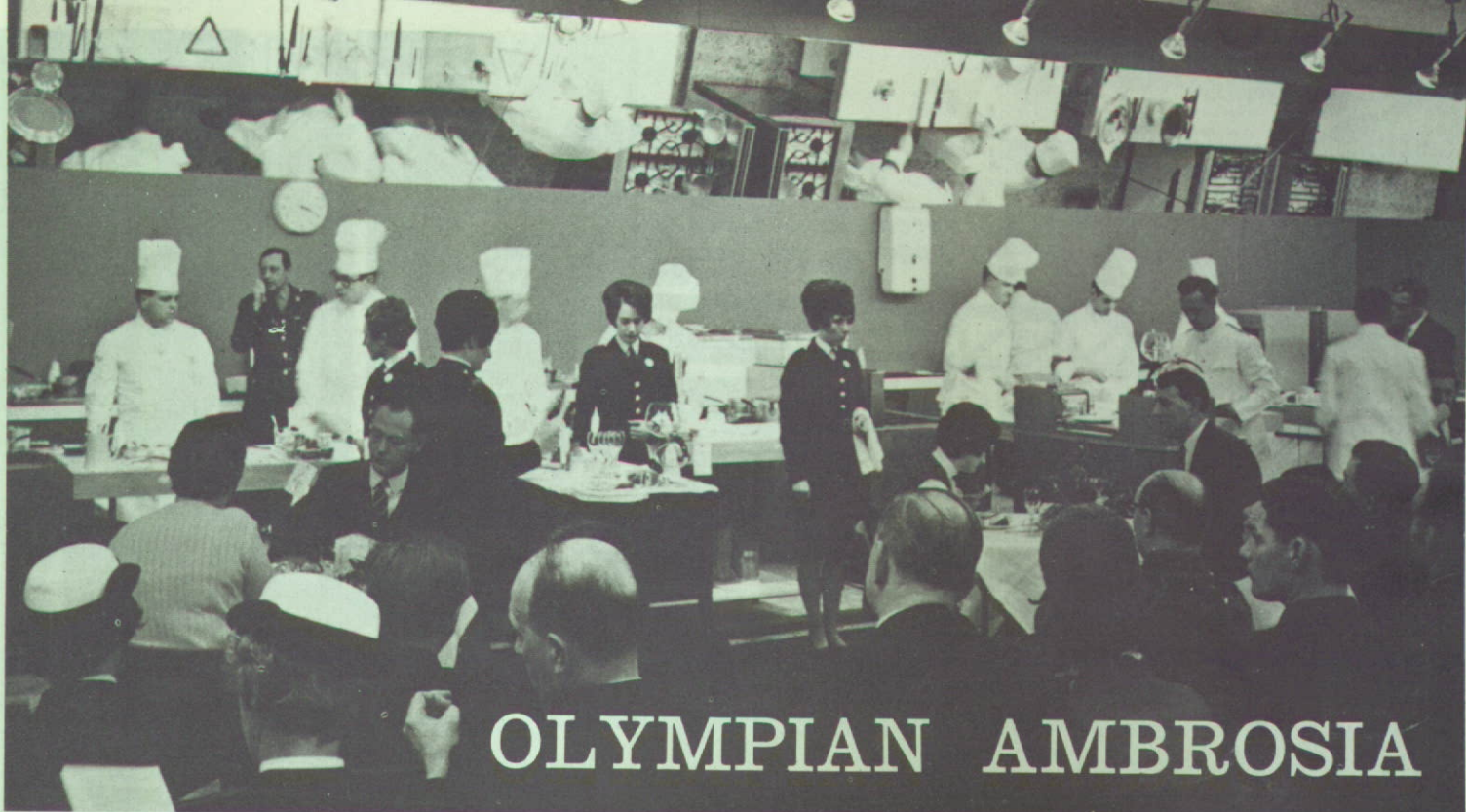
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OLYMPIAN AMBROSIA

THE Army Catering Corps has come a long way since the Desert Rats had sand in their tea, Tommies ate bread and jam in the trenches and National Servicemen tucked into chip "sarnies."

Far from bread and "slap," they can now produce slap up meals of melon frappe, tournedos à la portugaise, petits pois à l'anglaise and omelette à la norvégienne.

This in fact was the menu for an inter-Service competition in the Salon Culinaire Internationale at Hotelympia in London's Olympia exhibition hall. The two Army teams won both first and second places in the event, held for the first time.

Generals, admirals and air marshals, hoteliers, catering firm executives and chefs from top West End hotels watched enthralled in the packed auditorium as the ACC cooks in immaculate white hats and coats wielded knives with the deftness of a surgeon and decorated desserts with a

sculptor's artistry. The meal was then served from silver platters at a dinner table decked with red carnations by pretty Women's Royal Army Corps stewardesses in smart lovat green dress uniform.

It was prepared to recipes from the Larousse Gastronomique. Commented one of the audience: "You need an honours degree in French just to understand the menu."

The army cooks, civilian instructors, boy apprentices and WRAC stewardesses carried off a total of 79 awards which included 15 challenge trophies, two plaques d'honneur, 14 gold medals, 12 silver, 13 bronze and 23 certificates of merit.

As an excellent example of culinary craft take the winning entry in the pastillage section of the junior (under 21) Salon Culinaire. It was a Venetian gondola mounted on a miniature chest of petits fours, looking like a piece of fragile ceramic pottery but in fact made of icing sugar, egg white and gum compound. It won a

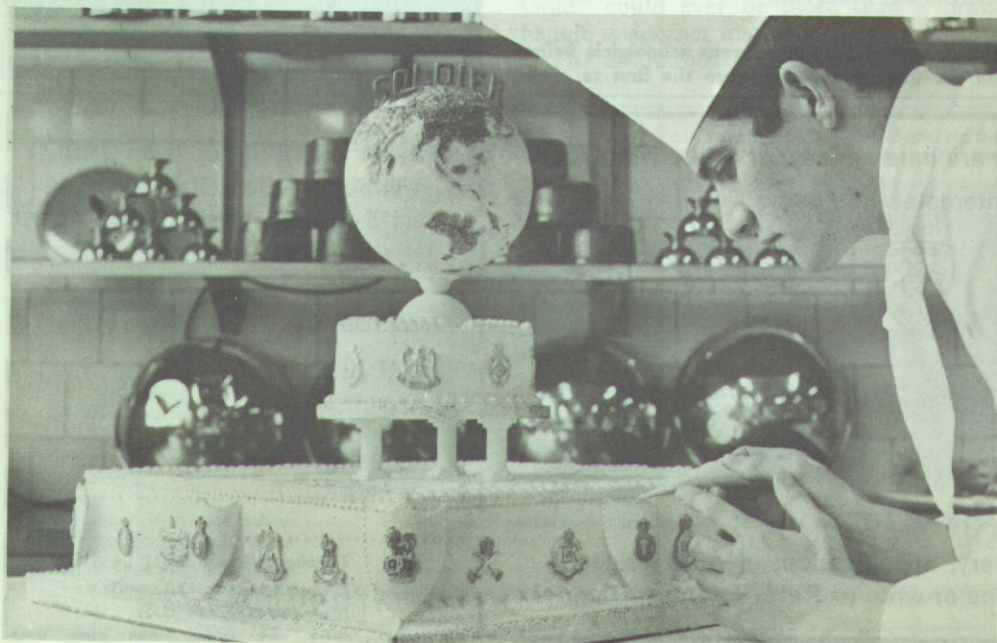
challenge trophy and gold medal for Junior Lance-Corporal Douglas Tully of the ACC Training Centre, Aldershot. He is a boy tradesmen aged just 16.

The Special Grand Prix—top exhibit of the show chosen from among all the gold medal winners—went to Mr Jack Owen, a civilian senior instructor at the Army School of Catering. His winning exhibit was a life-size basket of fruit which had all the colour and shade of a still-life oil painting. Yet it was made entirely of sugar.

A three-course lunch to titillate the most blasé palate comprised sole modena, perdreau vigneron (partridge with chestnut stuffing) and mandarine bavaroise (oranges stuffed with cream). It won first prize in both the Army and inter-Service section for Sergeant Allan Thow, ACC, who is attached to 19 Field Ambulance at Colchester. The meal took him nearly three days to prepare and as a final flourish he "drew" gnome figures on the sole with tiny strands of cut truffle.

This year the Army has done better than ever before in the Salon Culinaire, an event which has been held since 1885. One of the reasons is the constant striving for improvement. A group of ACC instructors, scrutinising exhibits after the results were announced, were critical even of award winners and discussed the advantages of working the night before to attain the best sheen on aspic jelly glazing!

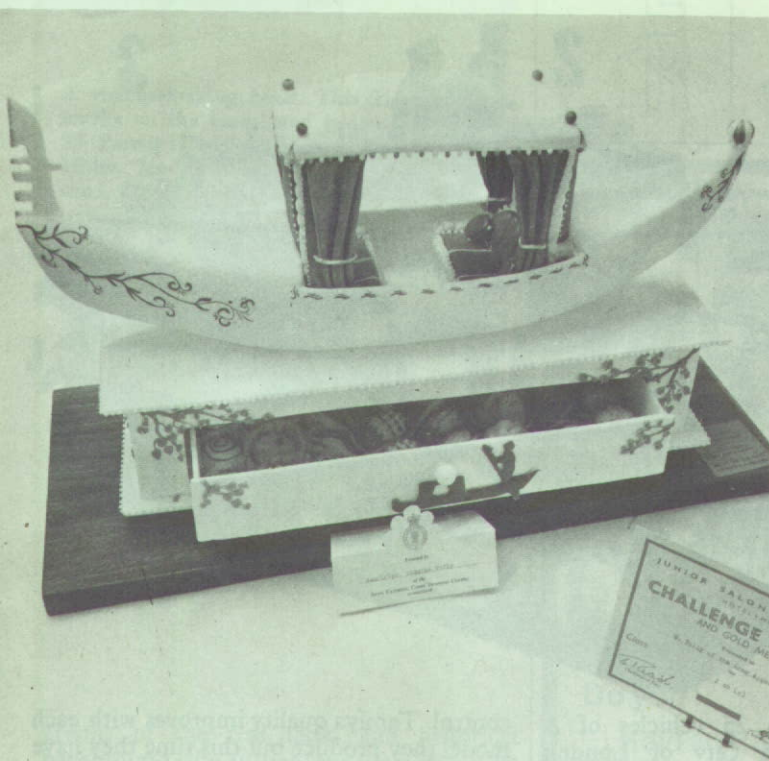
The only disheartening thing was that afterwards they threw away all that succulent food. Explained a show official: "It is exposed on the stands for days and people breathe and cough all over it." Ah, well!



Top of page: Ingeniously placed mirrors give a bird's eye view of the chefs at work. Major Keith Hudson ACC gives a running commentary.



Above: Served on silver salvers, Sergeant Allan Thow's cold lunch of sole modena, perdreau vigneron and mandarine bavaroise won the Army and inter-Service competition. It took Sergeant Thow three days to prepare.



Above: This gondola is good enough to eat. It is made of icing sugar and egg white. A prize winning entry by Junior Lance-Corporal Douglas Tully.

Apprentice Graham Camp, who won a gold medal for the Army at Hotelympia, helped to make SOLDIER'S 25th birthday cake (left). He worked with Mr Bill Gates, a chef instructor, at the Army Apprentices College, Army Catering Corps, at Aldershot.

The basic cake, two-foot square and weighing 35 pounds, was decorated with Army badges made of sugar. It was surmounted by a smaller cake on three pillars, on top of which was a globe made of icing sugar with the word "SOLDIER" above.

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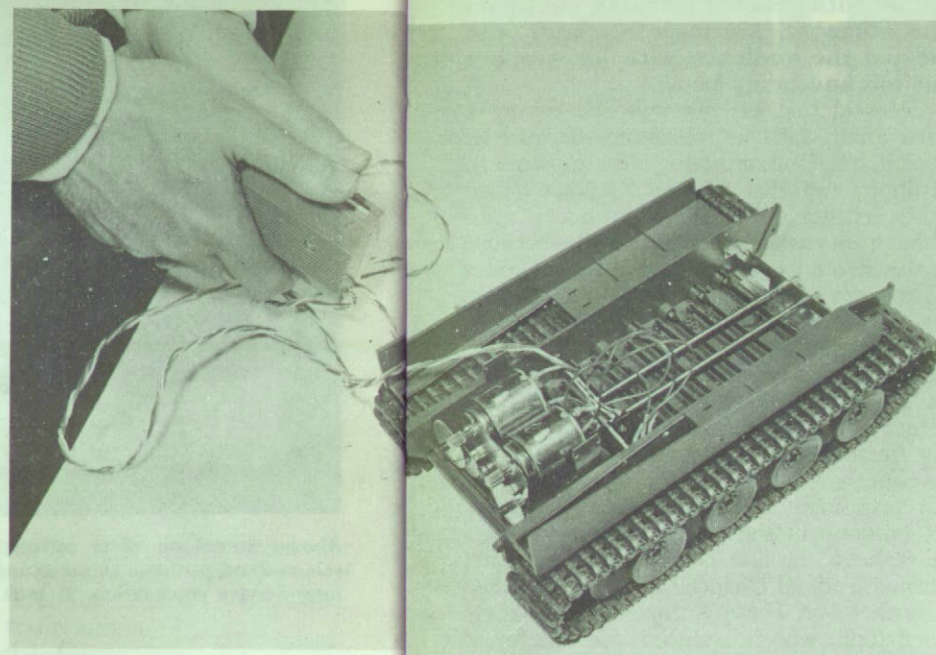
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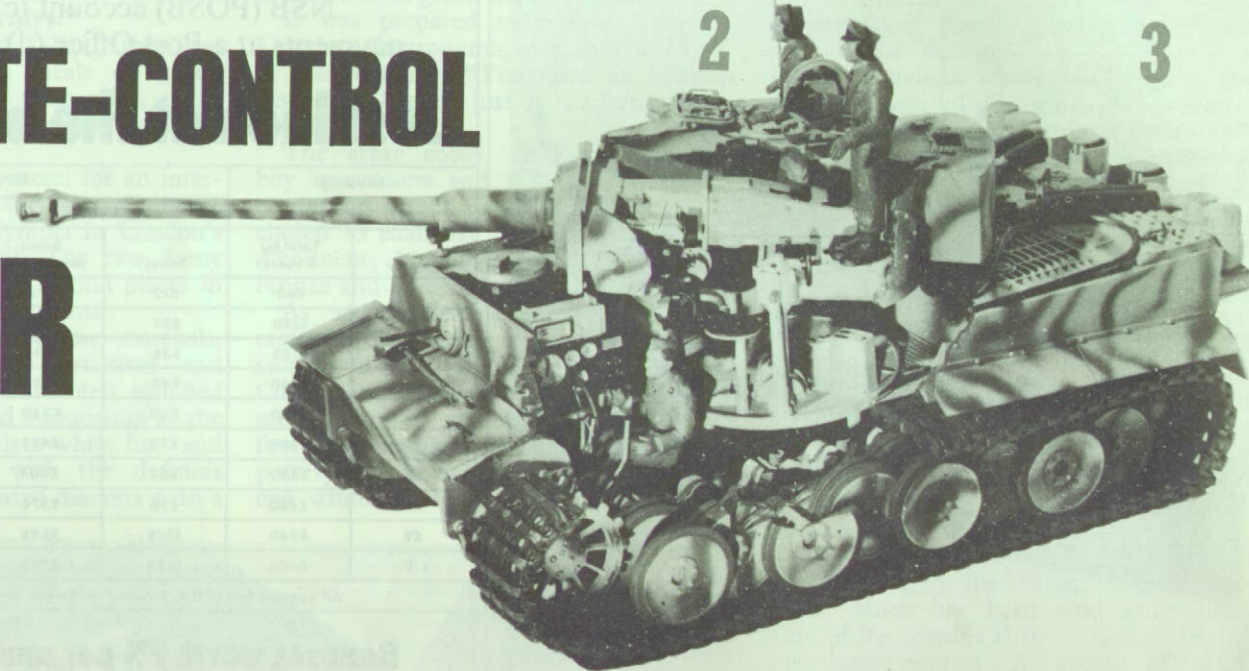
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MILITARY MODELS



REMOTE-CONTROL TIGER



- 1 A vicious-looking beast. This Tiger has kill marks on the barrel and insignia of the 1st SS Panzer Division Liebstandarte SS Adolf Hitler. Models can be painted grey, white, sand, or combination of camouflage colours.
- 2 Surgery shows the "guts" of the Tiger. The kit comes complete, not cutaway like this. The Tiger here is camouflaged with stripes. It is a model that certainly deserves them.
- 3 For the mechanically minded: remote-control box gives fast and slow forward, neutral, and two reverse speeds on each track. The twin motors are powered by four batteries. Note the authentic torsion bar suspension.

graphs of the real tank, and historical background (the author says the Tiger at its introduction was the most powerful tank in the world with frontal armour impervious head-on to the British six-pounder. However, it had a slowly traversing turret and short range owing to its fuel consumption of 2½ gallons per mile).

The comprehensive range of transfers includes Panzer division markings of Grossdeutschland, Hermann Goering, 1st SS Liebstandarte SS Adolf Hitler (both before and after the Normandy operation), 2nd SS Das Reich (pre- and post-Kursk) and the 28th Panzergrenadiers. As an extra fillip for the British modeller there are transfers of markings the British First Army applied to captured Tigers. **HH**

THE tight column of British tanks, carriers and half-tracks advanced up a defile towards high ground outside Villers Bocage. Suddenly there was a deafening explosion. A German Tiger had knocked out one of the leading half-tracks. The road was thus blocked and the Tiger proceeded to destroy the trapped convoy at leisure. The crews of the blazing vehicles had to find what shelter they could from the remorseless machine-gun fire.

The Tiger had picked the right moment to pounce. The British were doubly unfortunate—access to the key high position was along an embanked road and they were forced to move comparatively bunched up in order to clear the traffic on the road

behind. It cost them 25 vehicles of A Squadron of the 4th City of London Yeomanry and A Company of the 1st Rifle Brigade.

Such was the disaster of Hill 213 on unlucky 13 June 1944. But for Obersturmführer-SS Michel Wittmann, who commanded that Tiger, it was a personal triumph, a significant addition to his already massive score of 119 Soviet tanks destroyed on the Russian front.

A fascinating model of a Wittmann Tiger, complete with "kill marks" on the gun barrel, is now on sale in the United Kingdom. It is made by the Japanese firm of Tamiya Mokei.

The kit, in 1:21 scale, costs £5 19s 6d unmotorised and £6 19s 11d with remote

control. Tamiya quality improves with each model they produce but this time they have surpassed themselves. This model has several new refinements—the turret and upper hull are detachable to reveal complex interior detail of dials, traverse handles, gear levers, steering wheel and machine-guns; a coloured camouflage chart; a three-man crew; nylon axles giving a working suspension on the torsion bar principle; even the spade has a real metal blade.

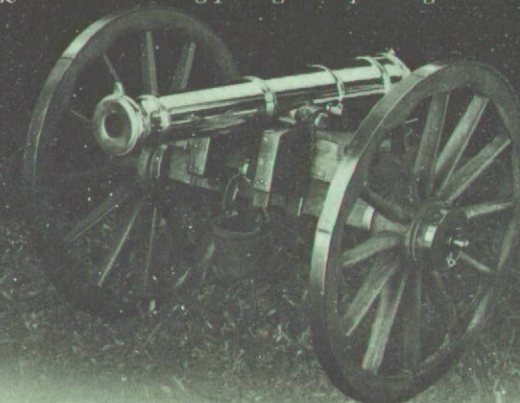
In common with earlier Tamiya kits in 1:21 and 1:25 scale, the Tiger has tracks made of individual nylon links but knitting them together is not the painstaking, finger-torturing process it was with the Chieftrain. The 16-page instruction booklet has stage-by-stage exploded diagrams, original photo-



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'AACHEN TO THIS!

DEFENCE Minister Denis Healey, wearing a joker's hat adorned with peacock feathers, got up on the stage of Aachen's Kurhaus and tickled the audience with jokes about his job and army boots.

He said that his job was like having a love affair with an elephant—because it took about 27 months for ideas to come to fruition; and that he had a soldier friend who refused to change his boots even though they were much too small—because it was five miles to the next pub, ten miles to the next girl, and the only pleasure he had in life was “to take these bloody shoes off every night.”

Mr Healey had just been invested as a knight of the “Orden Wider Den Tierischen Ernst” (Order against deadly seriousness) by Aachen Carnival Committee. He is the twentieth recipient of the order which is for prominent people who display a sense of humour in the course of duty. Others have been the late Dr Konrad Adenauer, former Federal Chancellor, and Herr Karl-Gunther von Hase, Ambassador-designate to Britain, who introduced Mr Healey at the Kurhaus.

By the way, when Herr von Hase presents his credentials to the Queen he will give her a tin of special biscuits made in Aachen, as a present from the carnival committee. Presumably to show he too takes the biscuit.

Mr Healey was accompanied at Aachen by the drums and pipes of The Gordon Highlanders. They too entered into the spirit of things—by bringing with them a 300-litre gift barrel of Scotch whisky! And the rapier wit was counterbalanced by their six-minute display of sword dancing.

Above left: An encouraging handshake from the president before making his debut. They found the Defence Minister's humour quite disarming.



The photographer did not have to say “cheese.” He just waited for this Dutch cheese-cake girl to pop a tasty titbit into the mouth of Drummer Michael Taylor. He was with the drums and pipes of The Gordon Highlanders in the grand finale.

getting out?

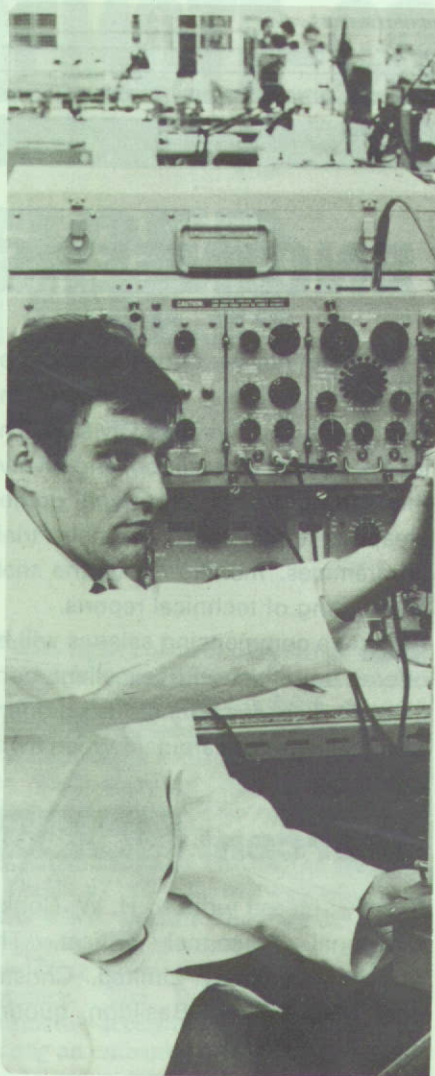
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MEN OF LETTERS

THAT black triangle pointing east may have turned out to be the letter S in one of the four previous competitions of this kind—but not necessarily in this one!

Each symbol in the grid represents a letter of the alphabet and the grid contains, reading horizontally, 25 surnames of poets, playwrights and authors.

When you have solved the substitution, turn to the vertical columns where you will find five more literary surnames, again of seven letters. There is one in each of five columns and the letters, from top to bottom, are in their correct sequence though not equally spaced from each other.

Send these five seven-letter names, with the "Competition 143" label from this page, and your name and address, on a postcard or letter, to:

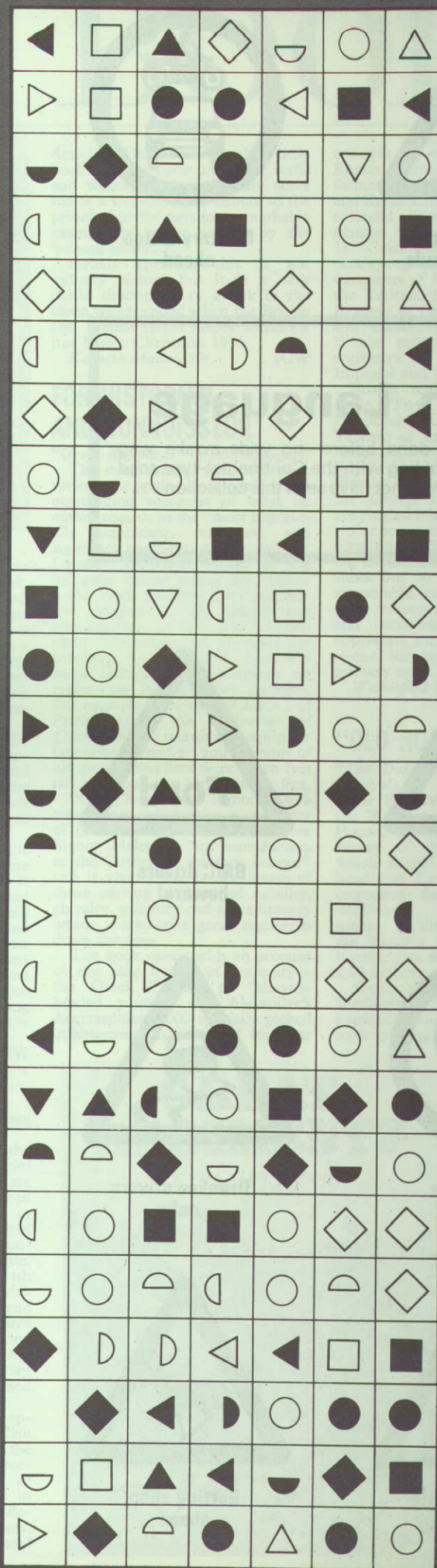
Editor (Comp 143)
SOLDIER
433 Holloway Road
London N7.

This competition is open to all readers at home and overseas and closing date is Monday, 6 July. The answers and winners' names will appear in the September SOLDIER. More than one entry can be submitted but each must be accompanied by a "Competition 143" label. Winners will be drawn from correct entries.

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COMPETITION 143





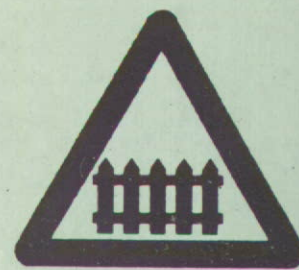
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ahead



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for aircraft



Betting shop
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has fallen off



Tall, drunken
sergeant lying
in roadway

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LAST SEVEN MONTHS

"The Battle for Germany" (Major-General H Essame)

Adding to the growing list of his books on the North-West Europe campaign, General Essame takes the last seven months of the war, from the Allies reaching the German border to the end on Lüneburg Heath.

The author, who commanded an infantry brigade from Normandy to the Baltic, sees the campaign from the viewpoint of a junior officer. The higher political direction of the campaign is soft-pedalled and General Essame concentrates primarily on the military operations. And he makes a good job of it.

He takes those miserable, much-neglected campaigns in the flooded fields of Holland and the German border areas and the hard bitter slog through Goch and Cleves and shows what the British soldier had to go through in battles which, because of their unspectacular nature, never really hit the headlines in the same way as did the US 101 Airborne Division's defence of Bastogne and Patton's crossing of the Rhine.

He tells once again the story of Private Donnini, 52nd Lowland Division, 19 years old and seven months in the Army, who charged an enemy position although twice wounded and was stopped only when an enemy bullet struck a grenade he was carrying and blew him up. He received the Victoria Cross.

Many were to die equally bravely that winter, without official recognition, in those frozen Dutch and German fields. Although General Essame's book does an excellent job in describing what it was like to fight the German in the last months of war, it is still not the definitive picture of that contribution to blood and misery which the British Army made to defeating the enemy.

Perhaps it does not lie in the British nature to be emotional about those little men in leather jerkins, helmet slung at a cocky angle, inevitable tin mug hanging from pack, who went off to fight and die 25 years ago for some nameless, forgotten Dutch farmhouse or German barn.

Both for those who took part in that last major campaign of the British Army in World War Two and for those who didn't and would like to know what it was like, this extremely readable book can be highly recommended.

Batsford, 45s

CW

SMUGGLED V-2

"Poland, SOE and the Allies" (Jozef Garlinski)

Poland's situation in World War Two was unique. Invaded by Hitler and Stalin in 1939 she remained Russia's enemy even after Russia joined the allied camp in the war's second phase. This has to be borne in mind when considering Russia's conduct towards Poland when the German Army was in full flight. Even so, Mr Garlinski has written a damning indictment of Russian treatment of his country.

No one can excuse, for instance, Stalin's brutal decision to halt the Red Army short of Warsaw when Bor-Komorowski and the Polish

H. ESSAME THE BATTLE FOR GERMANY



Home Army rose and fought so valiantly. Not content with that, Stalin forbade allied aircraft to land on Polish soil. It was unforgivable but Poland's geographical position made aid from the Western allies a hazardous operation. Even after Special Operations Executive was established in 1940 the Polish Resistance was a poor relation merely because it was so inaccessible.

Mr Garlinski describes vividly the efforts to fly supplies and personnel into Poland from Britain, and later Italy, and the operations of the Home Army in which he himself served until arrested and sent to Auschwitz.

One of the greatest feats of the Polish Resistance was the capture intact of a complete V-2 rocket. It fell in a swamp and was recovered before German search parties could locate it. Its 25,000 parts were listed by experts one of whom later flew by Dakota to London with a complete report and the rocket's most important components. He arrived in London on 28 July 1944 giving seven weeks' warning before the first V-2 fell on 18 September.

Allen & Unwin, 35s

JCW

CIVILIAN TAKE-OVER

"The Suez Contractors" (Sir Norman Kipping)

The British withdrawal from the Suez Canal Zone and the brief return in the autumn of 1956 are well remembered but in between there was a curious interlude in which civilians were the principal actors. They were the Suez contractors of Sir Norman's title. The story begins in 1954 with Britain's treaty of friendship with Egypt having two more years to run and no prospect of renewal. Britain's idea was to withdraw the fighting troops, leaving technicians to watch over the base under Egyptian command. But Nasser flatly refused to have any uniformed British.

Sir Norman was therefore appointed to organise a huge civilian combine which would take over the base's maintenance. He was director-general of the Confederation of British Industry and he called in ICI, Wimpeys, John Laing, Holloway Bros, Austins, Rootes, Vickers, Balfour Beatty and International

Aeradio. He dedicates this little book to these firms and their staffs and writes: "I hope it may serve too as a well-deserved tribute to the principal performers in a remarkable example of public service by the 'private sector.'"

Strictly speaking this is not military history but it is a very useful description of a link in the chain which ended when the British and French forces finally withdrew just before Christmas 1956.

Kenneth Mason, 30s.

JCW

FOR HISTORIAN AND CONNOISSEUR

"Great Regiments" (Vezio Melegari)

This magnificently produced work reviews the origins, development and outstanding successes of what its author regards as the "most historically significant, renowned and legendary regiments of the world." Lavishly illustrated—most of the full-page colour prints are superb—this book provides a comprehensive account of the history and characteristics of each selected regiment. Uniforms and weapons are carefully described and there are some fascinating contributions on regimental legends and customs. For example Frederick William I of Prussia spent the equivalent of £16,000,000 to recruit and equip his favourite grenadier units. Some of his giant grenadiers were seven feet tall and none was less than six feet.

"Great Regiments" is more than a treatise on uniforms or a summary of glorious battles. It is, to quote Signor Melegari, "an introduction to the history of military honour" and it vividly makes one aware of those stirring qualities of nobility, chivalry, gallantry and sheer bravery which characterise great regiments down the ages.

The book opens with an account of the elite troops of antiquity—the Greek Curetes or "shaven-headed youths" and Alexander's Argyraspides, 3000 specially picked infantrymen distinguished for their

strength and valour. Then come the Roman Army and the military formations of the Middle Ages and Renaissance, all accompanied by splendid illustrations. Historically famous regiments include France's 1st Cuirassiers, Garde du Corps cavalry regiment of Germany, Alpine Chasseurs of Italy, Swiss Guards of the Vatican, Janissaries of Turkey, Evzones of Greece, Bengal Lancers and Danish Royal Guard Corps. Whole sections are devoted to regiments of the Americas and Imperial and Soviet Russia.

British regiments discussed include The Royal Scots, The Honourable Artillery Company, the Yeomen of the Guard, Cromwell's Ironsides, foot and mounted Guards, Royal Marines and The Black Watch. The "men of Balaclava" and the Charge of the Light Brigade are singled out for special mention.

For so expensive a production the occasional printing error and spelling mistake come as something of a shock but do not detract from this memorable volume, assuredly one to be treasured by military historian and connoisseur alike. Both will appreciate the two excellent indices—one for names, the other for military units.

Weidenfeld & Nicolson, £8 8s

JFPJ

"OLD NOSEY"

"The Duke of Wellington" (Victor Percival)

Mr Percival, officer-in-charge of the Wellington Museum at Apsley House, has compiled a pictorial survey of the great duke's life which should prove an invaluable handbook for use with the ever-increasing flood of books about Wellington, his campaigns and times. Published on behalf of the Victoria and Albert Museum, it comprises 86 pages measuring 12 x 9½ inches.

From the enormous bulk of Wellingtonia Mr Percival has culled a splendid selection of illustrations of most aspects of the great soldier-

GREAT REGIMENTS

VEZIO MELEGARI



continued

HMSO, 27s 6d

RHL

The sole function of the Northumberland and Newcastle Volunteer Cavalry, raised by local landlords in 1819, was to protect property and carry out police duties against strikers. Civil unrest was widespread in the post-Napoleonic period and for many years the "Noodles" carried out this thankless task. Their most significant moment in the 19th century was in 1876 when they gave up being light

The British campaign in Mesopotamia was an ill-fated affair marked by lack of enthusiasm both in Whitehall and Simla. In late 1914 a force was sent from India to occupy Basra, purely to guard Britain's Persian oil supplies, but some local successes inspired the thought that some credit might be gained at small cost. The area was

Mr Braddon had the bitter misfortune to experience the fall of Singapore. It was one which fits him well to investigate the fall of

Braddon: Cape, 38s

Millar: Secker & Warburg, 63s

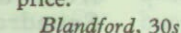
Although Guadeloupe was their first battle honour the 38th's real

Gale & Polden, 84s. **AWH**

Spink and Son, 35s

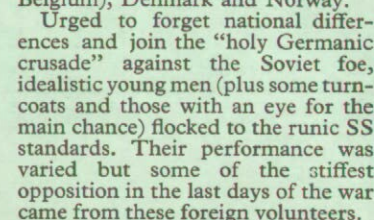
A useful introduction to militaria.
Ward Lock, 35s

Blandford, 30s



William Blackwood, 21s

This attractively produced book (Volume 1 was reviewed in the August SOLDIER) deals with the uniforms, customs and insignia of SS units raised from peoples of territories conquered by Hitler. It concentrates on SS formations recruited from countries racially akin to Germany and regarded as true



Historical Research Unit, 27
Emperor's Gate, London SW7, 50s

It is always the soldiers who get the medals and the adulation. Those who read Mrs Naravane's book may conclude that their wives, too, are not altogether undeserving.

Army Educational Stores, 61/15
Ramjas Road, Karolbagh, New Delhi
5, India, 25s

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Left: From the shade of a magnificently appointed marquee the Emperor of Ethiopia makes a speech.

Right: Lieut Peter Hornby escorts the Emperor as he inspects the guard of honour's 30 British sappers.

Below: His Imperial Majesty crosses the new bridge, followed by officials and hundreds of the villagers.



engineers and by Major John D Ransom, commanding the British squadron, who referred to "the spontaneous fusion that has happened between Captain Wandoson's 4th Divisional Engineers and my own sappers" and to His Imperial Majesty's doubly honouring the occasion as Emperor and as a field-marshal of the British Army.

Under a blazing sun the crowd watched and applauded, with a lu-lu-lu sound from tongue and throat, as the Emperor unveiled the commemorative plaques, cut a tape and walked across the bridge from Sidamo Province into Bale Province, followed by his retinue and a host of villagers.

Then presentations. For the British squadron a model of the bridge from the Ethiopian engineers and from the Emperor himself a pair of spears and traditional Ethiopian shield of purple velvet on leather richly decorated in gold plate on silver.

Now it was the turn of the headmen to

The Federation of Ethiopia and Eritrea, about four times the size of Great Britain, has a population of 23 million in 100 races and tribes.

Although the Ethiopian Army, which has provided United Nations contingents in Korea and the Congo, is now advised by the United States, it has strong links with Britain which gave sanctuary to the Emperor during the Italian invasion and provided a military mission for some years after the country's liberation in World War Two.

present their compliments and petitions to their Emperor, who holds court whenever he makes a formal visit outside the Ethiopian capital of Addis Ababa.

A plea from the nearest village, Negelle, for a new school—the Imperial wish is that his Minister for Education will look into this.

And a plaint from the Guenale River ferryman—his ferry of planks and oil drums which he has worked for 15 years is now replaced by the bridge. What compensation does he get for his lost income of a dollar (3s 4d) per camel and half a dollar a person? How much has he paid in taxes over the 15 years? he is asked. Nothing. And the Imperial decree, of Solomon-like judgement, is that his tax dues will be waived—and serve as compensation.

Now it is lunchtime. Looking towards the bridge the Emperor sits at the head of a table on a low dais in the centre of the marquee. On his right his son, the Crown Prince, the Prime Minister, the British Ambassador, the Minister for Defence. On his left the American Ambassador and other high-ranking officials. To one side tables and chairs, to the other long tables laden with a sumptuous buffet lunch supervised by two Swiss chefs from the luxury Ghion Hotel in Addis Ababa.

After the generals, British sappers are early in the queue—they have been living for two months on "compo" rations supplemented by some local vegetables.

Sucking pig, beef, pork, ham, tongue... Ethiopian beer and wine served at the tables. Plates piled high and, for dessert, piled higher still with precisely balanced

THE DAY THEY HAD LUNCH WITH THE EMPEROR

IT looks like any other Bailey bridge, any one of the hundreds built by British sappers during and since World War Two. But building the Sidambale Bridge, in one of the remotest corners of Ethiopia, was far from a routine job for 24 Field Squadron, Royal Engineers.

Nothing could have been more different from these sappers' normal handling of Baileys—erecting and dismantling them, as demonstration squadron, in the comfortable and convenient surroundings of the Royal School of Military Engineering at Chatham. This was an international and joint military effort which will bring prosperity to Ethiopia's least-developed province.

And if memories of rough living, burning hot days and cold nights fade as they inevitably do, the sappers will never forget the official opening of the Sidambale Bridge. The story will be handed down to children and grandchildren of the day when

the Emperor of Ethiopia personally opened the bridge; the day when, by Imperial invitation, every man in the squadron was an official guest at luncheon of His Imperial Majesty Haile Selassie I, Elect of God, King of Kings of Ethiopia, Lion of Judah.

A day of tremendous excitement, of colour, feudal splendour and an unreality which spanned the centuries of Ethiopia's ancient civilisation.

"His Imperial Majesty Haile Selassie 1st," said the invitation, printed in English and Amharic, "Has graciously consented to open the new bridge over the Guenale River (Bale Province) jointly constructed by the British 24th Field Royal Engineer Squadron and the Ethiopian Army Engineer Unit through the Military Civic Action-Program."

"Dress and other outfit. Military khaki. Civil—Dry weather light dress, Sun glasses, binoculars, hat, fly-whisk, walking stick."

For a few days before the opening

ceremony sappers were busy putting the finishing touches to the bridge and its approaches, erecting concrete plinths bearing commemorative plaques and rehearsing the guard of honour. Ethiopian engineers were clearing up the area, erecting marquees and decking them with carpets and bunting and—"for decoration"—white-washing tree trunks.

Then came the big day—a last watering of the parade ground, a flurry of dust as Ethiopian Air Force helicopters brought in the generals, and lorries the Ethiopian villagers and townspeople.

Then the Emperor in his private helicopter—a gift of the Soviet Union. First he inspected the guards of honour of 30 British sappers, commanded by Lieutenant Peter Hornby, and the Ethiopian infantry, trumpeters and Colour party of 4th Infantry Division.

In his marquee, faced by local headmen, the Emperor heard speeches by the commanding officer of the Ethiopian

In his own speech before opening the Sidambale Bridge, the Emperor said the Governorate General of Bale (the province to which the bridge provides an all-the-year-round link) "stands first among

those regions of our country which are endowed with rich natural resources." The natural barriers of mountains in the north and rivers to east and west had made the region inaccessible and impeded accel-

erated development of the province. "But now this bridge has opened a badly needed outlet for the agricultural, pastoral and mining projects of this area to other markets." "If members of the armed forces

of developed and technologically advanced countries could continue to help developing countries in similar activities," said the Emperor, "they will not only assist these nations in their efforts of nation

building but will also help to impart knowledge of modern techniques to the nationals of the recipient countries." It would also enable those working together to know and understand one another better.

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Above: The Emperor unveils commemorative plaques of British and Ethiopian engineers.

Right: The old oildrum and plank ferry could not be used when the river was in flood. Far right: Camel trains can now go right through to Negelle.



wedges of rich gateaux. There were wild strawberries and cream too—but not for long.

After lunch yet another ceremony—the presentation by the Emperor of commemorative gold medals to Major Ransom, his second-in-command, the medical officer and the troop commanders.

It was a day to remember.

It all started a year ago when a small sapper party made a recce of the bridge site which lies 350 miles south of Addis Ababa and 30 miles east of Negelle through which runs the present route from Addis to Nairobi, the Kenyan capital—a new route is being surveyed to link with the road north which British sappers have been helping to build in Kenya's Northern Province. The recce party included Major Bruce Downes, of a Royal Engineers road specialist team, who designed the new bridge.

In June the bridge building task was allotted to 24 Squadron and a month later three members of the squadron spent a fortnight on a recce in Ethiopia. A pre-advance party of four flew out at the end of October—stores were on their way by sea to Djibouti and thence by rail to Addis Ababa.

In November an advance party of 30, under the squadron's second-in-command, Captain Andrew Brown, prepared vehicles and stores in Addis and moved down to the site in a convoy of 31 vehicles. Ethiopian engineers cleared the area of trees and shrubs and the advance party set the line of the bridge and began excavating ten feet down to rock below river level for the bridge abutments.

The main party flew out in RAF Hercules aircraft to Addis Ababa then some drove to the site while the remainder were flown to Negelle airstrip by East African Airways. After a day's acclimatisation the main party started work with the squadron organised into home bank and HQ troop, bridging troop and far bank troop.

A 40-foot high Bailey tower and ropeway were constructed to carry concrete across

the river but this was too slow a method and instead a temporary Bailey bridge, 160 feet long, was built and launched in two days and used for a month, not only by the engineers but (bush telegraph quickly spread the news) by camel trains of up to 20 camels.

Before this the camel trains, bringing mainly corn and maize from Bale Province to Negelle market, usually switched to camels on the other bank, transferring the loads on the ferry. Sometimes the camels were swum across the river with their heads on the ferry planking.

Concreting of the reinforced bridge abutments, on a two-and-a-half-day cycle, went on for five weeks. Thirty Ethiopian engineers worked with each British troop, the home bank troop placing its concrete with a mobile crane while the far bank troop used a mixer over the excavation on a staging made from Bailey parts.

Altogether there were 129 sappers and 150 Ethiopian engineers working on the site. The bridge, a 190-foot long triple-double reinforced Bailey (actually an American-built Bailey) weighed 138 tons with its launching nose and has a finished weight, with decking, of 125 tons. The underdeck is ten feet above the highest-known level of the River Guenale and was 20 feet above water level when opened by the Emperor. With its present two-inch plank decking the bridge can take a load of 25 tons.

The whole operation was planned to take 56 days but completed in 45. Once the abutments and approaches were ready it took only three days to build and launch the bridge. When the sappers left Ethiopia only the camel track led from the bridge

into Bale Province but a route has been surveyed and the Ethiopian engineers are to build the first 90 miles of road to the nearest main villages—another 160 miles will eventually link with the other main road in Bale.

The bridging had to be done during the dry weather between the end of the wet season in late November and the small rains of February or March. So the sappers spent their Christmas in the Ethiopian bush. Christmas Day was a holiday, with the traditional gunfire, dinner served by officers and sergeants, Christmas trees and lights, plus pre-arranged messages and presents from home and shooting competitions.

Entertainment or relaxation centred on the camp—Addis Ababa was a hard 11 hours' drive away, two days' comfortable drive or four days by slow convoy, mainly over gravel roads rising from 3000 feet at the site to nearly 10,000 feet over the mountains and dropping slightly to the plateau and the capital at 8000 feet. The squadron took out films and projector and borrowed more films from the British Embassy.

No swimming was allowed in the river because of danger from bilharzia, but there was some fishing for carp, walks to the top of nearby hills (always with Ethiopian soldier escorts because of bandits) and a volleyball match which the Ethiopians won by around 90 to nil!

There were few mosquitoes on the camp site, which was regularly sprayed, but five or six green and black mambas—one of the deadliest snakes—were killed, including two behind the bar in the combined officers

and sergeants mess. Sergeant Tom Nicholas, on duty at the time, claims a record for a standing jump on to the bar counter!

Wild life in the area included colourful birds and butterflies, pig, gazelle, oryx, guinea fowl and rabbits and a lioness seen near the road to Negelle. Termites ate timber and, with lack of respect, the squadron commander's shoe soles!

Life under canvas was improved by sheets, pillows and pillow cases but the water, taken from the river, was strongly salted as a measure against heat exhaustion. Days were hot and nights cool or cold—the sappers worked in the sun in shade temperatures of 95 to 115 degrees fahrenheit with a break from 1200 to 1430 except when on shifts. On hot days the sappers drank two gallons of water each in a morning.

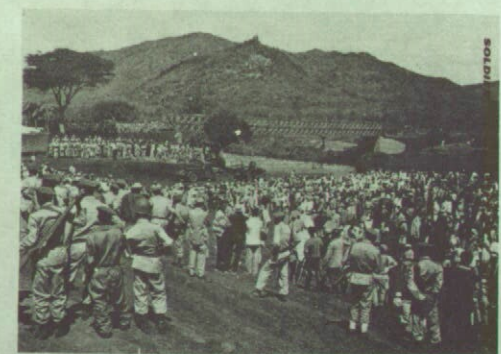
The sappers baked their own bread and augmented their "compo" rations by buying locally fresh vegetables and eggs on a daily allowance of 4d per man. A few chickens were bought to kill but reprieved when they suddenly started laying.

Communications depended on a radio link to the British Embassy in Addis Ababa and radio kept the squadron in touch with its medical officer, Captain R S P Tamlyn, who also looked after the Ethiopian engineers and spent much of his time at the small hospital in Negelle standing in for the Norwegian doctor there who was on leave. There were comparatively few accidents—a few crushed fingers and toes—but arrangements had been made for evacuation of serious casualties by the Ethiopian Air Force.

Captain Tamlyn earned tremendous local respect by his work at the hospital and by shooting five man-eating crocodiles. One took an Ethiopian soldier standing on the river's edge and another got a young girl in its jaws but was driven off by villagers.

Co-operation between the British and Ethiopians was excellent at all levels; this and the fact that the cost of the bridge was only £17,000 against the £75,000 it would have cost if built by the Ethiopian highways authority may possibly lead to more Baileys being built by similar joint effort.

British sappers have built other Bailey bridges and will build more. But none quite like the Sidambale Bridge.



BACK COVER

The great day. Two thousand Ethiopian villagers watch as the Emperor, in his marquee, hears a speech by Major John Ransom, commanding 24 Field Squadron, Royal Engineers. Beyond, British sappers line the approach waiting for the Emperor to open the Sidambale Bridge.

Picture by Leslie Wiggs.

SOLDIER

