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# SOLDIER







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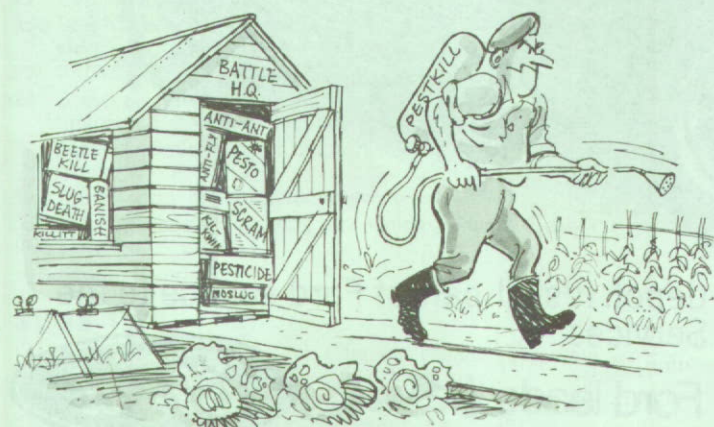
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*Contents*

- 5 See-the-Army Diary
- 8 Mascots: The Welsh Volunteers
- 11 SOLDIER to Soldier
- 12 Special Investigation Branch, RMP
- 15 Front cover story
- 16 Force Radio Troop in NATO's AMF(L)
- 18 Back cover story
- 19 Purely Personal
- 20 Royal Army Medical Corps demonstration
- 23 New colour print—The Germans surrender
- 24 Skynet—satellite communications system
- 26 Left, Right and Centre
- 28 17 Division lowers its flag
- 30 Defence White Paper
- 32 Military models
- 33 Letters
- 35 Collectors' Corner
- 36 Reunions
- 37 Prize competition
- 37 How Observant Are You?
- 39 Record reviews
- 40 Sherwood Foresters and Worcesters amalgamate
- 43 Humour—Soldier's Garden, by A F Wiles
- 45 Book reviews



SOLDIER'S GARDEN, by A F WILES

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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.

### MAY 1970

- 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 **Osterley show (motor cycle team).**
- 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).
- 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 **Alexandra Park donkey derby (infantry display).**
- 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.
- 13 **1st Battalion, The Royal Hampshire Regiment, troops its Colours for last time in Winchester.**

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## JUNE 1970

- 18 Queen's birthday parade, HQ SHAPE, Belgium.
- 19 Bexley tattoo (19-21 June).
- 20 Wembley hospital fête (engineer display, infantry stand).
- 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 Open day, Central Vehicle Depot RAOC, Ashchurch, Tewkesbury, Glos.
- 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 Finchley carnival (tank regiment driving display).
- 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 military tattoo.
- 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 (?), tent-pegging, 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).
- 20 Son et lumière, Canterbury (massed bands) (20-25 July).
- 22 Gosport tattoo.
- 23 Royal Engineers musical extravaganza, Hawley Lake, Farnborough, Hants, 9.30 pm.
- 23 Dover tattoo (23-25 July).
- 25 Gloucester carnival (band).
- 25 Birmingham Army display (band, corps of drums, Red Devils, Blue Eagles, physical training display, motorcycle team) (25-26 July).
- 31 Queen's Division open day, Basingstourn (7 bands).
- 31 Medway teams display, Chatham (3 bands) (31 July-1 August).
- 31 Cheltenham searchlight tattoo (31 July-1 August).

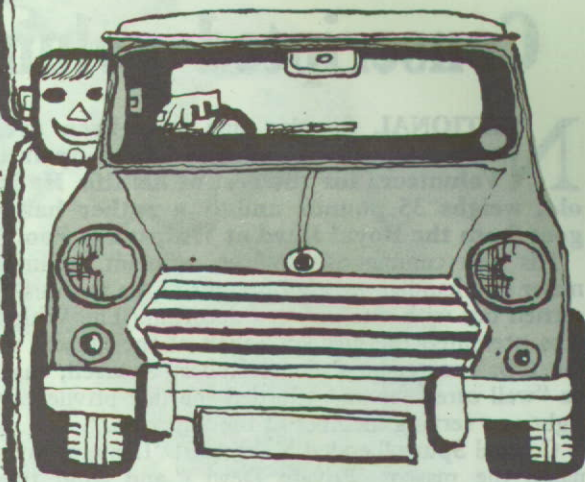
Late July: NATO music festival, Mönchengladbach, Germany (4 bands).

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## Conscripted volunteer

**N**ATIONAL Service has long been over yet a kid called Dewi was recently called up into The Welsh Volunteers for the rest of his life. He is three years old, weighs 35 pounds and is a rather handsome young goat from the Royal Herd at Whipsnade Zoo.

His new commanding officer, adjutant, regimental sergeant-major and handler were all present to see that his enlistment was carried out with due military decorum. The Whipsnade curator, who presented the goat on behalf of the Queen, was assured by the CO, Lieutenant-Colonel Robert Spurrell, that Dewi would be "well cared for and afforded the due privileges which are his right as a serving member of the Battalion."

Colonel Spurrell ended his speech: "It is now my official duty to name the mascot 'Private Dewi I' and from this moment he becomes a serving member of the battalion. Mr Pennington (the RSM)—will you please see Private Dewi is properly dressed and entered on the battalion nominal roll."

It may have been the over-awing ceremony or the phalanx of Press photographers, but Dewi decided he did not like this for a game of soldiers. He wriggled when his uniform coat was put

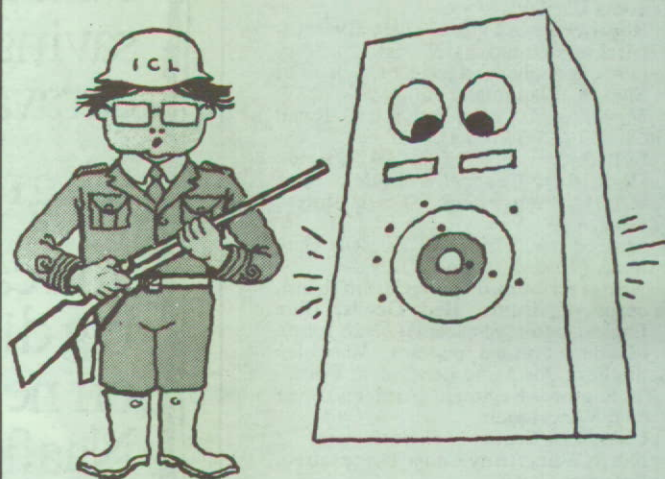


He is in the Army now. Dewi goes on parade for the first time complete with a head-plate bearing the motto in Welsh "Death Before Dishonour."

on, tossed his head when the reins slipped over his eyes, and dug in his heels on the march past. Dewi, you see, had been spoiled. He had had a charming children's zoo hostess to feed him lunch of oats and maize, take him on walks, oil his horns, comb his wool and bathe him with special poodle shampoo.

His "square bashing," in Maindy Barracks, Cardiff, will consist mainly of learning to march and counter-march with the band. Dewi (Welsh for David) had an appropriate first parade—the leek-eating ceremony on St David's Day.

Dewi's predecessors in the Welsh Reserve Army battalions have been known as Taffy, Gwili and Sospan. They had distinguished army careers. All, that is, except Sospan I who was something of a giddy goat. He was addicted to cigarettes—for eating, not smoking—and consumed an estimated 4000 on a one-a-day ration basis in the 11 years of his life. Once he took a bite out of the Queen Mother's bouquet on a royal parade. And when invited to watch the kick-off in a needle rugby match between Llanelli and Neath, he sat down in the centre of the field and refused to budge for ten minutes. Which in Wales is a crime comparable to desertion in the face of the enemy.



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## SOLDIER *to Soldier*

During the summer months SOLDIER hopes to be on parade at four of the Army's public displays—the Royal Artillery At Home in Woolwich (Friday/Saturday 5-6 June); Aldershot Army Display (Saturday/Sunday 20-21 June); Artillery Day, Larkhill (Saturday 18 July) and Birmingham Army Display (Saturday/Sunday 25-26 July).

The SOLDIER display at each of these events will include a selection of photographs, the range of prints and booklets etc which the magazine markets, plus the current magazine and a selection of back numbers at "bargain" prices. Members of the editorial, photographic and executive staff will be there to answer questions—and we look forward to meeting you all.

Artillery Day at Larkhill on Salisbury Plain has a special significance this year as it will be one of the events marking the 50th anniversary of the School of Artillery, Larkhill. As in previous years there will be static and active displays, trade stands, demonstrations, activities in which the public can participate, and all the fun of the fair.

Events in the main arena will demonstrate the deployment, firing and versatility of modern artillery and will include a complete field regiment, equipped with Abbot, a light battery, commando battery, parachute battery, sections of M109 and M107 guns and individual Honest John and 9-inch howitzer equipments. There will also be displays of gliding, helicopter flying and freefall parachuting.

Starting at the end of 1970 the School of Artillery, Manorbier, will amalgamate with the Larkhill School of Artillery so this year's open day at Manorbier, near Tenby in South Wales, on Saturday 4 July, will be the last there. The programme at Manorbier includes the Junior Leaders Regiment, Royal Artillery, band and physical training display, the band of the Women's Royal Army Corps, displays by the Royal Artillery motorcycle team and Royal Air Force Regiment and flying displays by the Royal Navy and Royal Air Force.

★

Saturday, 27 June, 7.30pm.  
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Major Rodney Bashford, Director of Music of the Grenadier Guards, has been appointed director of music of the military musical pageant at Wembley. He was musical director of last year's Berlin tattoo.

The pageant director is Major B A Stewart-Wilson, Scots Guards.

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# SEE SEEK AND SOLVE

Story by George Hogan  
Pictures by Trevor Jones

**THEY** are soldiers in civilian clothes, rarely in uniform, experts in their unusual work—and there are comparatively few of them. They say it is not a bad life though it is demanding, can be gruesome and involves considerable responsibility.

They are the officers, warrant officers and sergeants of the SIB, the Special Investigation Branch of the Corps of Royal Military Police. Though few in number and widely dispersed they perform a vital, specialised task with efficiency and without fuss.

Their expertise comes from long training, study and the ability to think straight, systematically and logically and from experience. They acquire a deep knowledge of civil and military law and are closely acquainted with civilian police methods of law enforcement, crime prevention and detection.

In general their problems are similar to those of civilian detectives but they also understand the interests and inclinations of soldiers who for the most part have a broad outlook through wide experience of travel and service in other lands.

An officer with great knowledge of crime prevention and detection in the Army is head of the SIB. He is Lieutenant-Colonel A C ("Bill") Burcher, adviser on special investigations to the Provost Marshal. He

has spent more than 30 years with the Royal Military Police, almost all of it in the SIB. Enlisting in 1939 after service with the Dudley, Worcestershire, police force, he went to France with 51st (Highland) Division and remembers the early days of SIB in World War Two.

There had been a branch of the Corps of Military Police dealing with special investigations in World War One and in the British Army of the Rhine between the wars but there was no such organisation in 1939. An increase in petty crime in the early days of the war prompted the War Office to send a specialist to France to survey and advise. He was Detective Chief Inspector George Hatherill of the Metropolitan Police CID, who later became head of Scotland Yard.

After his visit, 19 Scotland Yard detectives were enlisted: Superintendent Campion as a major and the others as officers, warrant officers and sergeants. They attended a course at Mytchett to introduce them to military life and were then posted direct to the British Expeditionary Force in France as the new Special Investigation Branch of the RMP. They built up a fine organisation and fought well as infantrymen during the withdrawal to Dunkirk, but suffered a grievous loss when Major Campion—a great personality and one of the "brains" of Scotland Yard—was killed by fire from a German aircraft.

After Dunkirk the SIB men were attached to each command in Britain and were very effective in an expanding Army that had been rapidly formed of civilians from all walks of life and in checking crime by soldiers of many nations. Tracing deserters was one of the main tasks both then and later in the Middle East, where racketeering deserters formed into gangs calling themselves "The Free British Corps" and "The Dead End Kids." They stole lorries and shipped them to the Lebanon where the SIB eventually caught up with the ringleaders who were living in a big villa stacked with cash—and hashish.

In Europe, towards the end of the war, gangs of deserters traded in black market goods and smuggled cigarettes across frontiers. The SIB played a big part in breaking up such illegal organisations which presented a serious problem around Paris as at that time 38,000 United States and 17,000 British soldiers were listed as absentees.

Much of the work of the SIB was in checking pilferage and looting but there were also more interesting, though grim, tasks. One was the case of 13 Canadians captured and murdered by the Germans which involved the interrogation of hundreds of civilians and German prisoners.

In Belgium, with the Allies advancing on each flank, 90 Maquis attempted to round up 50 Germans in a wood but found

them reinforced to 200. After a fierce battle only five Maquis remained alive. They were marched to the wall of a farmhouse where their brassards were removed to convert them, in the eyes of the Germans, from resistance soldiers to civilians. Then they were shot.

The Germans demanded food and drink at the farm and while they were thus occupied the farmer's daughter took a photograph of the dead with the last film in her camera. She found that one of the men was only wounded and told him to remain quite still until the Germans had gone. When British armour arrived the SIB were called in and the evidence of these two and the farmer were later produced at the trial.

Drug peddling was another evil of those days with the new discovery penicillin fetching high prices as a rapid cure for venereal disease. Civilians were manufacturing deadly wood alcohol which caused a number of deaths and blindness. The SIB roped in hundreds of guilty people and in one raid by German and Royal Military police 12 illicit stills were discovered.

These are just a few examples of the work of the SIB in time of war. In peace they deal with theft, fraud, violence, murder, loss of arms and explosives, drug trafficking and fatal accidents. In Britain they work closely with the civilian police and CID who investigate and prosecute.



Students at the SIB Training Wing, Chichester, are taught how to photograph the scene of a crime.

Left: Some SIB relics. Wooden pistol (top left) used in robbery. Cannon (centre right) made by soldier fired bullet which injured his friend. German triple extension cosh (centre). Heavy iron-handled wooden cosh (left). Purse (bottom left), originally leather covered, has a built-in six-chambered revolver. When trigger is pulled exit hole for bullet opens as seen in end of purse.

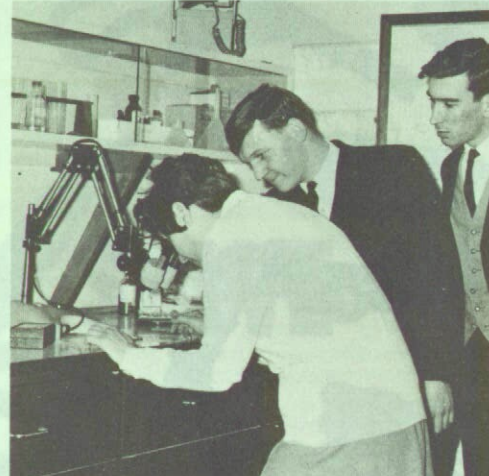
Below: WO II Tilburey, an instructor at Chichester, demonstrates the art of dusting fingerprints.







Lieutenant-Colonel Burcher, head of the SIB, has 30 years' experience of Army detective work.



Left: All fingerprints are different. Captain Marnoch explains characteristics to a class of potential junior detectives. Above: Corporal Judith Minter, WRAC, examines paint scrapings under a microscope at Brighton Police HQ where there is close liaison between SIB and CID. Corporals George Middleton and Robin Buzza wait their turns to study this aspect of detection.

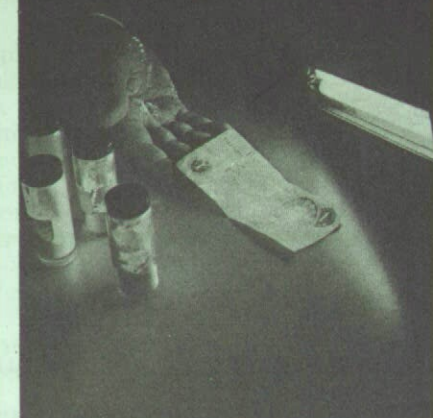


Detective-Inspector Andy Ives, head of Fingerprint Bureau and Scenes of Crime Department, Brighton CID, explains some of the intricacies involved in the comparison of fingerprints. The class is absorbed.

Below: The original SIB. A squad of Scotland Yard detectives was enlisted in 1940 to fight and prevent crime in Britain's wartime Army recently assembled from all walks of life. Among them (fourth from left, bottom row) Major Campion who commanded and (third from right, bottom) Lieutenant Frank Elliott who was the last to leave the service in 1964 and had then become head of the Special Branch.

# FRONT COVER

## SOLDIER



The only way to obtain this remarkable picture was with ultra-violet light (right) which reveals markings and dust invisible to the naked eye and ordinary camera lighting. The phials contain powders used in crime detection. Articles so powdered stain the hands of the thief and show up under ultra-violet rays as can be seen on the note and hand.

Picture by Trevor Jones.



Overseas the SIB officer, warrant officer or sergeant has responsibility for British military personnel, their dependants and civilian employees. In general his is the task of recording events and solving crimes and preventing crime through advice and help to commanding officers. Always he works closely with local forces.

All members of the SIB, which includes girls of the Women's Royal Army Corps, are dedicated. The men must have served four years in the uniformed provost branch of the corps and still have four years to serve before being accepted in the special branch. They are first attached for six months to get day-to-day knowledge and then attend a ten-week primary "junior detective" course at the SIB Training Wing, RMP Training Centre, Chichester.

There they undergo practical training, study criminal law and procedure, tackle problems of fraud (based on actual military cases), learn the first principles of fingerprint classification and become fairly expert in the technical use of a camera and the processing of photographs. They also attend proceedings in a magistrate's court and make their first civilian liaison with Brighton CID where they are introduced to civilian methods and procedures.

Those who pass—and the examinations are among the stiffest in the Army—are

promoted and transferred in the rank of sergeant. They spend two years "in the field" before taking a "scenes of crime" examination course which gives them greater knowledge and scope. It is based on Professor Locard's principle that every contact leaves a trace—no individual can enter a room without leaving some sign, even though in minute particles of dust or fibre.

In the third or fourth year they attend an advanced "senior detective" course and the really bright lads find themselves selected to attend the Metropolitan Police CID School.

Captain D C ("Jock") Marnoch, who commands the SIB Training Wing, has been working his way through the SIB ranks since 1945. He has operated in most parts of the world including Korea and Japan and runs the wing with two warrant officers and a staff-sergeant.

This is a full-time task in which wide knowledge and first-class teaching ability are needed to impart a great deal of information to prospective and experienced detectives on law, interrogation, photography, search, fraud, evidence, ultra-violet aids, fingerprints, drugs and smuggling. Also attending these courses on occasion are candidates from Malaysia, Ghana, Uganda, Jordan, Nigeria, Qatar, Sudan,

Sierra Leone, Eire and Kenya. All Regular provost officers attend the primary course to gain knowledge of SIB procedures.

A percentage of SIB personnel gain commissions from the ranks and a typical case is an individual who was a lance-corporal in the provost branch in 1949. He became a sergeant on transfer to the SIB and attended the usual courses. He had a tour as chief clerk at SIB headquarters and was an instructor in the training wing. He was a staff-sergeant in 1960, warrant officer in 1962, warrant officer I 1966 and was commissioned as a lieutenant this year.

He has a knowledge of French and a first-class Army certificate of education. His overseas service, all in SIB, includes Singapore, Aden, Berlin and Cyprus and he was "our man in Paris" at SHAPE headquarters for two years. Life in the SIB is a full career and a career in the SIB is a full life.

As Lieutenant-Colonel Burcher says, "It is satisfying and we are all investigators first, whatever office work may be waiting for us. It is not just chasing criminals. The SIB exists to prevent crime as well as solve it. Detection is one of the best forms of prevention. In SIB we cannot afford to make mistakes. A soldier on training may do so and may profit by so doing but we have to be right each and every time."





# MERCURY IN MUKLUKS



**S**UDDENLY a terse message came through the crackling static: "Domino this is Opera... destroy two tanks at XS121321 moving north west at 15 mph."

Within minutes Royal Air Force Phantoms roared up the fjord and knocked out the two Norwegian Leopard tanks whirring through the snow near the hamlet of Lavangen.

Almost 30 years to the day after Hitler's assault on Narvik, "war" had returned to northern Norway. This time the combatants were friendly—Norwegians and Royal Marine commandos matched against the Allied Command Europe Mobile Force. But the purpose was serious—to achieve rapid development of the ACE Mobile Force in NATO's vulnerable northern flank and exercise them in arctic conditions.

Thousands of miles by air and sea they came—the British in their new-style parkas with fur-rimmed hoods, hardy Johnny Canucks from Canada, colourful bearded Alpinis from Italy and gum-chewing GIs up from Germany.

They were greeted by a land of stark elemental beauty, where rugged mountains rise sheer into the clouds, waterfalls are arrested for an eternity in ice, gaunt silver

birches and pines bristle out of the carpet of virgin snow, icicles in iridescent blues, greens and browns decorate the outcrops of rock and the night sky is lit by ghostly wisps of the midnight sun.

But the troops soon got down to earth digging igloos, snow shelters and supply dumps, taking up tactical positions by road and fjord and camouflaging vehicles and guns with white scrim nets. Then Exercise Arctic Express began in earnest. Bridgeheads were established along the coast by Royal Marines landing craft to disgorge their load of Norwegian ski troops and tanks. The radios began buzzing. An air strike was needed here, an artillery concentration there.

Key men on the exercise were the British signalmen of the Mobile Force Radio Troop. The troop—its parent unit is 30 Signal Regiment at Blandford—was on its first exercise after a month's winter warfare course in Norway and two weeks' familiarisation training with the Americans at Illesheim near Nuremburg.

A United States signal squadron had previously provided communications for the Mobile Force but pressure in Vietnam had forced its withdrawal. The British offer of a radio troop was accepted.

Its task was far from straightforward. Northern Norway presented some peculiar technical problems, such as absorption by the snow and unknown effect of the northern lights and magnetic attraction of the ground so close to the North Pole. But worst of all was the configuration of the country which meant putting re-broadcast stations (automatic radio relay) high up in the mountains.

Trouble blew up when a force five gale whipped the snow into a howling blizzard. The 27-foot mast was blown down and two of the three sets put out of action at the "rebro" station perched on the mountain-side near Melkefjellet. It was three o'clock in the morning. Lance-Corporal Christopher Mayman set out for help while his colleague relayed the messages manually on the remaining set. Half-walking, half-slithering over the hard-packed snow, Corporal Mayman managed to reach another rebro station at the side of the mountain and return with its spare set. But his efforts were in vain. That set too failed. It was another six hours before an RAF Wessex helicopter flew in a replacement.

Language was an inevitable problem in a multi-national force. Some non-English speakers lacked confidence on the radio and

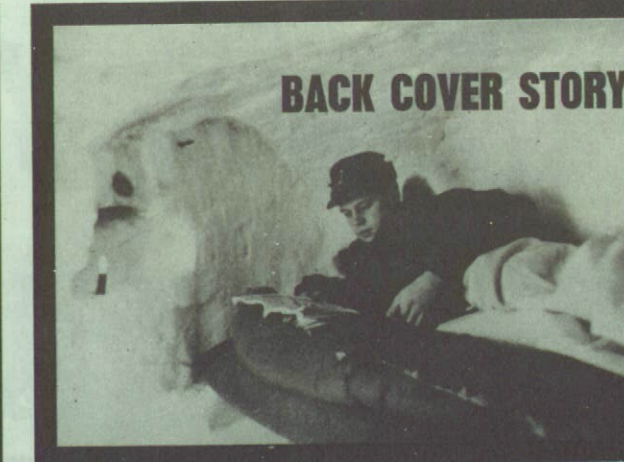
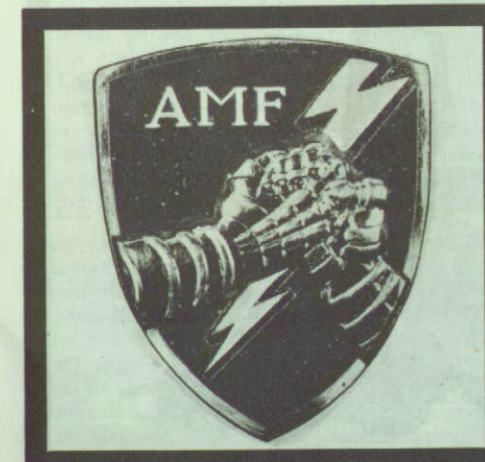


Above: Lieut Jeremy Miller, Cambridge graduate and former Footlights player, lights up naphtha lantern in his tent.

Left: Putting up a 27-foot mast. The Land-Rovers are white camouflaged.

Right: Message from an Italian medic. Natty beards earned Italians the good-humoured nickname "Acker Bilks."

Below: Clapsed mailed fists and flash of lightning—ACE Mobile Force badge.



## BACK COVER STORY

Emulating the Eskimos, Corporal Robert Crowther spent half a day digging this eight-foot by four-foot snow hole. Then he settled in for the night, reading a magazine by the light of a single candle. Pine branches and a reindeer skin—for insulation and waterproofing—are put on the ground beneath the sleeping bag. If anything warmer than a candle is used the temperature rises above freezing point and the walls melt. Not all were as adventurous as Corporal Crowther. Most preferred to sleep in a tent with naphtha lamps and stoves. The refrigerated photographer was Trevor Jones.



were not sufficiently familiar with NATO operating procedure, said a Royal Signals officer. It was common for two or three repeats to be made in a message of only ten words, he added.

Even on the personal level communication was complicated. Corporal Colin Ebbutt, attached to the Italian field hospital at Bardufoss, is a Chinese speaker, having spent three years in Hong Kong, but knows no Italian. "I managed to get through with my hands and by making expressions with my face," he said. However, Corporal Ebbutt found his hosts "the most friendly people I have ever met." He explained: "They call me sir even though I am only a corporal and push me to the front of the queue. We have lots of spaghetti bolognese and salami and a cup of wine with everything."

Some of his less fortunate colleagues lived

for days on end in the field on American C rations such as tinned beef slices, instant coffee, cream substitute, canned cake and dried milk. Water was obtained by melting snow (it took eight mess tins of snow to make one of water.)

The signalmen soon learned to emulate Eskimoes. They shaved at night (the chill morning air makes the skin sore), dusted snow off their clothing before entering a warm tent (or the floor gets flooded) and slept with their boots inside their sleeping bags (frozen boots are too stiff to put on).

They were kitted with a pick of the best winter clothing from Britain, Norway and Canada, such as mukluk boots, nylon quilt, fur-rimmed hood parkas (replacing the old sheepskin-lined ones), thermal underwear, suede gauntlets, ski mittens and contact gloves (for touching metal) and white nylon over-smocks and trousers. The sleep-

ing bags are now fitted with nylon zips as metal ones were found to freeze up on previous exercises. The reversible white/camouflage octagonal tents are heated by non-toxic naphtha stoves, replacing the old petrol burners. Their hard-top Land-Rovers are fitted with special heaters, studded winter tyres and have a layer of sponge rubber lining the interior.

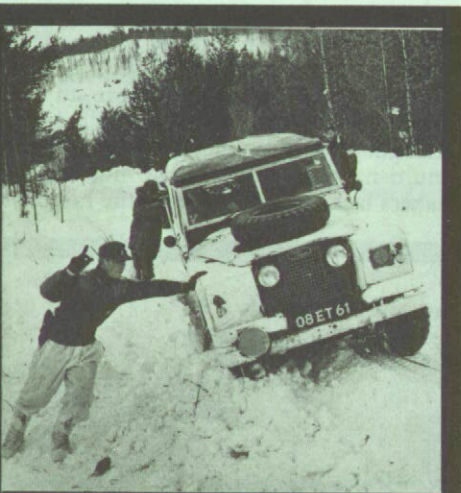
The Mobile Force's chief signal officer, Lieutenant-Colonel Salvatore Nicosia, said the results achieved by the British troop were "very good indeed." He wanted the troop expanded to a full squadron handling teleprinters, at present provided by the Americans, and line telephones, provided by the Norwegians. At least, he thought, they should have a 30 per cent additional establishment to cope with the peculiar technical problems of northern Norway. An extra network for domestic signals use was required and the rebroadcast stations needed a better helicopter re-supply service and an additional spare radio set and skis instead of snow-shoes so that the crews could escape quickly when the weather closed in.

The overall opinion was that the troop had been a signal success. "They have done a real fine job," said an American sergeant; an Italian air force officer commented: "They make-a the good work."

Only the weather disappointed 30-year-old Captain Ian Crouch, who commands the troop. It was too good. During the exercise the midday temperature had been consistently about minus six centigrade but the week before it had been down to minus 37. Said Captain Crouch: "It is too warm and pleasant so we have not been tested under real arctic conditions."

Left: Whirring wheels in slippery snow. It was extricated by muscle, tow-chain and another Rover in four-wheel drive.

Below: An urgent request is received by signals section (foreground) and an ambulance hurries off, its tyre chains scrunching through hard-packed snow. A scene at the Italian field hospital.

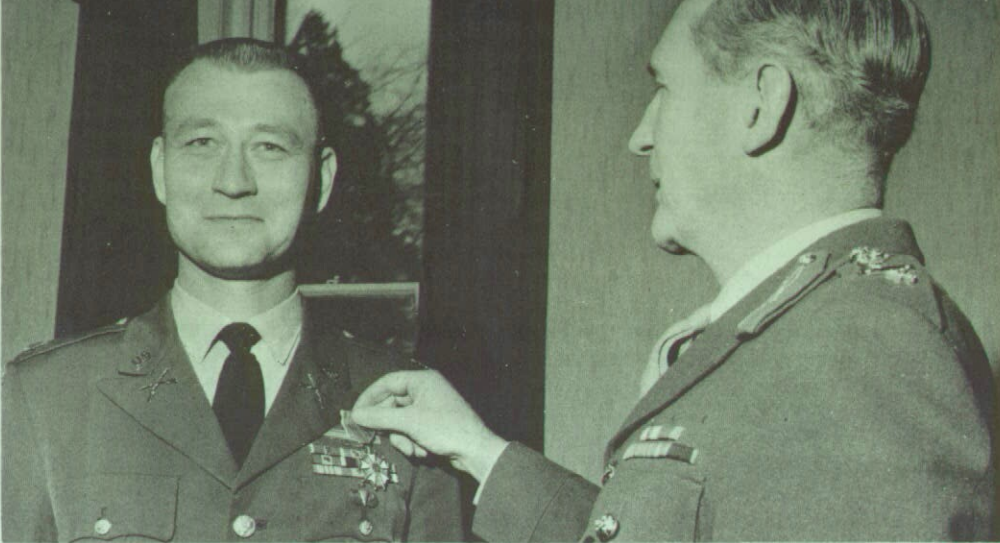


### Diving belle

Nice girls love a sailor, they say. But Miss Great Britain (Wendy George) has fallen for the Territorial Army. To be precise, from the top of a parachute training tower outside London's Royal Exchange. She did it to mark the opening of the Territorial Army Volunteer Reserve's Spring Recruiting Campaign. City of London units on parade were inspected by the Lord Mayor of London, who is president of the City of London TAVR association. The campaign continued for six weeks. Last year more than 1100 were enlisted—the highest in London for ten years—but some units are still short.

### Net cash

Army Department clerical officer Mr Len Haddrell has netted £150 for thinking up a way of simplifying the manufacture and distribution of camouflage material. The award was made under the Ministry of Defence (Army Department) suggestions scheme. Mr Haddrell, who works at the Central Ordnance Depot, Bicester, is presented with his cheque (right) by Brigadier E H Hancock, the depot commandant. Mr Haddrell's idea is expected to save several thousands pounds a year.



### Award abroad

Unprecedented procedure. Camberley Commandant Major-General Allan Taylor presents (above) an American medal to an American officer. Lieutenant-Colonel W M Christenson of the US Army won the award, a Legion of Merit, for distinguished service in Vietnam. He was a student at the Staff College in 1968 and stayed on as United States liaison officer.

## Purely Personal



### Financial firsts

Students at the Royal Army Pay Corps Training Centre at Worthy Down have won seven first prizes in the last three examinations of the Institute of Cost and Works Accountants. The latest successes were by Sergeant D K Deere who won the Ronald Dunkerley Memorial Prize for first place in part one of the Institute's examination, and Sergeant M J Gardner who received the George Russell Memorial Prize for first place in part two.



Three members of 3rd Battalion, The Light Infantry, have received gallantry awards following last October's riots in Belfast.

They are Private Shawn James, who gets the George Medal; Lieutenant-Colonel John Patrick St Clair Ballenden, who receives the OBE; and Sergeant William John Power—the British Empire Medal.

Rioting had broken out on the night of October 11 in the Shankill district and elements of the battalion moved in to support the Royal Ulster Constabulary who were faced by a mob of 1500 to 2000 people. For several hours a hard core of rioters harassed the police and soldiers with firearms, petrol bombs, paving stones, bottles, darts and catapults. Several hundred rounds were fired at the security forces. One constable was killed and another wounded and the Army suffered two officers and 20 soldiers wounded.

Private James was later detailed with two other marksmen for the difficult and dangerous task of identifying people shooting or throwing petrol bombs, and neutralising the hostile fire under specific instructions. He remained constantly exposed to fire for more than four hours and at one point, when his rifle butt was shot away, calmly sought another weapon and continued with his duties.

Colonel Ballenden, who won the Military Cross in Korea, is praised for his "magnificently sustained effort of leadership and courage in an extremely dangerous situation." The citation adds: "By his calm and resolute control of the operation, by his personal example of bravery, endurance and cheerfulness, he inspired not only the soldiers but also the officers and constables of the Royal Ulster Constabulary who were by now acting under his instructions."

Sergeant Power, was in charge of a baton squad whose primary task was to arrest ringleaders, charging into the mob after CS smoke had been used. Frequently the charges took them within fifteen yards of the gunmen and several members of the squad were wounded. Their action led to the arrest of many ringleaders.





# Road to Survival

**T**HERE was no lack of realism when the Royal Army Medical Corps staged a demonstration for 180 students of the Staff College in the Mytchett woods near Aldershot. Blood and mud (the first synthetic and profuse, the second real and abundant) augmented the rattle of machine-gun fire, the sudden crump of thunder-flashes and stench of coloured smoke.

The poems of Robert Service, "Rhymes of a Red Cross Man," rushed to mind as the first casualties were helped out of a forward platoon position:

"...is face as white as putty, and his overcoat all red,

Like 'e's spilt a bloomin' paint-pot—but it's blood."

The simulated injuries were excellent and an essential part of this exercise if it was to make a full impact on the professional spectators. As the sound of firing eased a soldier carrying two rifles struggled through the smoke supporting a comrade wounded in the chest.

"ang on like a limpet, Eddy!"

The day-long demonstrations traced the treatment and evacuation of wounded from the front line through company and regimental aid posts to advanced and main dressing stations, and on to the casualty clearing stations, which may be up to 70 miles behind the front line.

Brigadier Tony Crook, commandant of the Royal Army Medical Corps Training Centre, Mytchett, emphasised the need to keep within a deadline of six hours "from shot to surgeon." After that a wounded man deteriorates rapidly but, paradoxically, it is better for him to travel to the surgeon than to travel after surgical treatment when rest and quiet are main requirements.

So the casualty clearing station, which is a field hospital with 200 beds set up in tents or, more conveniently, in the buildings of a village, is 40 or more miles behind the front line.

In the CCS full-scale operations can be carried out, wounds thoroughly cleansed, fractures set, blood transfusions given and the men rested before being moved back to the base hospital. Two field surgical teams, 12 medical officers and 22 sisters and nurses, of Queen Alexandra's Royal Army Nursing Corps, as well as medical assistants of the Royal Army Medical Corps, cater for the sick and wounded. It is here that the surgeons want the casualties to arrive within six hours, which still allows time to eliminate infection, treat for shock and proceed with major surgery.

What of the time between "shot and surgery"? Right from the beginning the soldier is cared for. His comrades tend him first—every man is qualified to give first aid. Fractured jaws, broken limbs,

bleeding wounds receive attention while the ambulance armoured personnel carrier—summoned by radio—moves forward to pick up the casualty.

Obviously not a lot can be done under fire but the APC is positioned well forward so that its armour can give some protection. The wounded are stretchered and lifted into the vehicle or assisted to climb into it.

"Stick on like a plaster, Eddy!"

From the forward platoon area the armoured ambulance goes back to the company headquarters where an RAMC-trained medical orderly checks the dressings and adjusts where necessary before passing the APC back through the lines to the regimental aid post. Walking wounded and sick men also report at company headquarters for treatment and evacuation, if necessary.

The battalion medical officer receives the casualties at the regimental aid post and ensures they can stand further evacuation by attending to wounds and dressings before despatching them to the advanced or main dressing station. He is assisted by RAMC-trained non-commissioned officers and may be reinforced by a team from a field ambulance if the number of casualties warrants it. Men are fully documented before being sent on.

Within the battalion area a Sioux helicopter may be available to collect casualties.

Two or three can be carried inside with two in outside litters. These would be subject to varying air pressure and men with chest wounds would not be likely passengers.

At the dressing station two medical officers and a dental officer treat the wounded to ensure they are fit enough to travel to the casualty clearing station. They may need to put in stitches, administer plasma (never blood at this stage) and sometimes have to operate.

The dressing station is part of a field ambulance about 120 strong with 11 officers, including eight doctors, in peacetime and about double those numbers in war. It can set up an advanced and a main dressing station and also provide six small sections to replace, duplicate or augment regimental aid posts. A Scout helicopter from the brigade squadron may be available and would be fitted with two outside pods with stretchers. A patient could also be carried on a stretcher on a winch underneath.

The pods have covers which fit over the strapped-in patient to give protection from the weather and unconscious men can be carried. Should one wake in flight he sees immediately in front of his eyes a notice reading: "You are in a helicopter stretcher pod." It must be most reassuring in such a close-fitting, coffin-like structure.

"ang on like a hootopus, Eddy!"



Left: Wounded man is loaded into ambulance APC under shellfire in a forward platoon position.

Above: Man with a broken jaw is attended to by Royal Army Dental Corps personnel at a field dressing station. Make-up was very realistic.

Top right: An Army Aviation Sioux helicopter, adapted to carry casualties in outside litters, operates rearwards from regimental aid posts.

Right: Emergency operations may be performed in a field ambulance dressing station and blood plasma administered where considered necessary.

Below: The battalion doctor attends wounded at the regimental aid post before evacuating them by road or helicopter to a dressing station.





A wheeled ambulance takes the casualties 30, 40 or 50 miles to the casualty clearing station where they are operated upon and may remain for four or five weeks before being evacuated to a base hospital for other treatment or convalescence.

The CCS has a comprehensive scale of equipment with supplies for 100 operations, its own lighting including spotlights, and sterilising equipment including gamma irradiation.

Fifty of the 200 beds are airortable and all medical kit is of the disposable kind. Two nursing sisters and three RAMC medical assistants are responsible for each 25 beds.

Battle casualties are not the only concern of the Royal Army Medical Corps in the field. Far from it. The prevention of sickness and disease is one of its everyday tasks. Field hygiene sections of five Royal Army Medical Corps men and two sappers give advice and practical assistance to units in all matters of hygiene. They inspect food supplies, make bacteriological examinations of water and advise on sanitary arrangements. They also clear areas of mosquitoes, tsetse fly and other disease-carrying insects which in war have devastated armies.

Brigadier Crook spoke of the concentration on anti-malaria measures which made victory possible for General Slim and Fourteenth Army in South-East Asia in World War Two.

The Japanese suffered heavily in malaria-infected areas.

On the battlefield, he said, the "save rate" of wounded was better in Korea than in World War Two and better still in Vietnam. Helicopters were speeding the "from shot to surgeon" period and the Royal Army Medical Corps wanted more.

Let Robert Service have the last word: "Ho! 'ere comes the rescuin' party. They're crawlin' out cautious and slow. Come! Buck up and greet 'em, my 'earty, Shoulder to shoulder—so!"



Above: Full surgery can be given at a casualty clearing station where two surgical teams have supplies for 100 operations. There are 200 beds.

Left: Officers of Queen Alexandra's Royal Army Nursing Corps care for the sick and wounded in the CCS. This man simulates a fractured thigh.

Right: RAMC field hygiene sections help prevent sickness and disease. Areas can be cleared by this gun which kills mosquitoes and other pests.



# "THE GERMANS SURRENDER"

Yet another World War Two 25th anniversary—the German capitulation in North-West Europe—occurs this month. SOLDIER is marking the event by offering a colour print of Field-Marshal Montgomery receiving the surrender of the German commanders at Lüneburg Heath on 4 May 1945.

The original painting, by Terence T Cuneo, was commissioned by the Southgate, London, printing firm of James Haworth and Bro Ltd and depicts the surrender scene in a marquee.

The print measures 27½ by 21 inches and overall, including the white border, 32 by 28 inches.

It is a splendid reproduction of the original oil which was based on a wartime photograph.

The print, reproduced here in black-and-white, shows Field-Marshal Montgomery signing the surrender terms after members of the German delegation had signed in order of seniority—General Admiral von Friedeburg, commander-in-chief of the German Navy (on Montgomery's right); General of Infantry E Kinzel, (extreme right of picture) chief of staff to Field-Marshal Ernst Busch, the commander-in-chief north-west; Rear-Admiral Wagner (next to von Friedeburg);



Colonel Polleck, staff officer, German High Command (left); and Major Friedel (not depicted).

Behind the trestle tables, covered by grey Army blankets, are staff officers, an aide-de-camp and (left) two war correspondents.

The delegation had been sent on

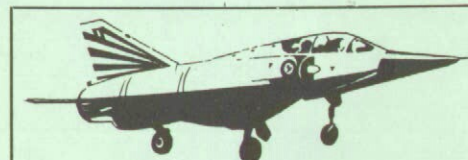
the previous day, 3 May, by Grand Admiral Karl Doenitz who, after Hitler's death, had become the new president of the Reich and supreme commander of the Wehrmacht. Field-Marshal Montgomery told its leader, General Admiral von Friedeburg, that he could discuss only the

unconditional surrender of all German land, sea and air forces still resisting in Holland, the Friesian Islands, Heligoland, Schleswig-Holstein, Denmark and areas still in German possession west of the Elbe.

He stressed that he could not accept surrender of the three German armies withdrawing in face of the Russians—this surrender must be to the Russians.

The delegation left to recommend acceptance of these terms by Field-Marshal Keitel and returned on the following day with the answer "yes." The Union flag was hoisted and within the marquee Field-Marshal Montgomery read the surrender terms. All hostilities by the German forces were to cease at 8am the next day, 5 May. The formal signing, at 6.30pm on 4 May, took only ten minutes. It gave into Allied hands more than two million men of the Wehrmacht.

This print, "The Germans Surrender," costs £5 including packing and postage to any part of the world. Orders should be sent to SOLDIER (Print GS1), 433 Holloway Road, London N7. Cheques, postal orders, money orders or international money orders should be made out to "SOLDIER."



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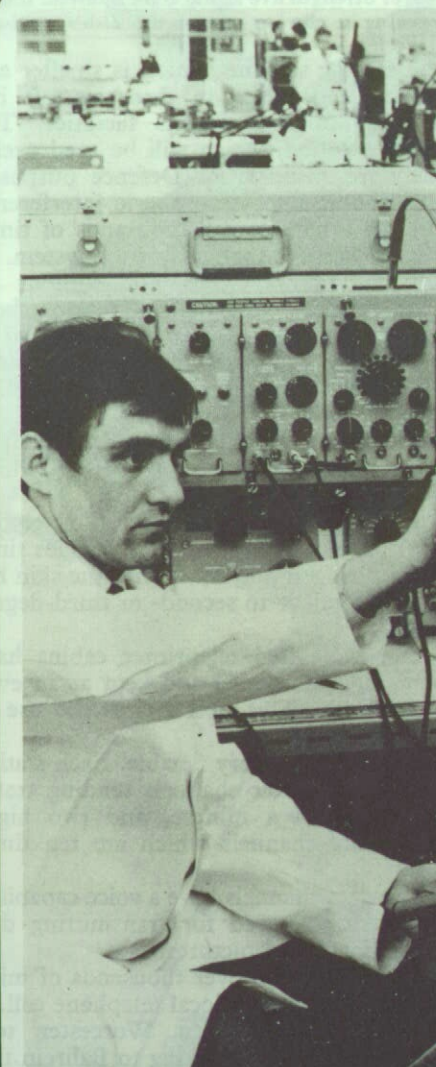
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# From Semaphore to Satellite

**W**HEN Norton Barracks, Worcester, was built 100 years ago the Army was still communicating by heliograph, semaphore and pigeons. Today a message can reach Australia by satellite in a third of a second.

Silhouetted against the barracks' Victorian facade stands a giant space-age "dish" aerial.

From here messages can be received and transmitted to a third of the world's surface using the satellite which is in synchronous orbit over the Indian Ocean.

The communications system, code-name Skynet, came into operation last November when the Americans launched the satellite from Cape Kennedy. This satellite will have an effective life of three years, but a second will be put up later in the year and more are planned.

The satellites themselves are American built and launched but the rest of the equipment is British.

Skynet—completely independent from civilian systems such as Telstar—will be used by the Army, Royal Navy and Royal Air Force.

It will however be inter-operable with the United States defence satellite communications system.

Skynet will be used primarily for rear-link communication, that is by units abroad reporting to higher formations back in Britain, though individual stations can communicate with each other.

The command station, controlling the operation and position of the satellites, is at RAF Oakhanger. The Royal Air Force is also running static stations at Cyprus, Bahrain, Gan and Singapore, two small mobile stations are on board HMS Fearless and HMS Intrepid, and 14 Signal Regiment, Royal Signals, at Worcester has two airportable stations suitable for rapid contingency deployment.

The regiment operates both the satellite stations and the conventional E21 high frequency radio stations. The high frequency system has several disadvantages—sporadic communications blackouts caused by sunspots, a limited band width congested with civilian stations, ionospheric disruptions which could necessitate changing frequency up to ten times a day, and transmitter output causing such overwhelming interference that the receivers have to be located on a different site between one and ten miles away. The E21 is airportable in five Hercules aircraft



Above: Strength five signal from Bahrain. Right: Checking a clip on one of the dish's sections.

whereas the satellite station is smaller and can be transported in three aircraft but with a limitation of its facilities. The satellite station, which will be used exclusively for Ministry of Defence purposes, is not subject to atmospheric interference and has a band width thousands of times greater than the high frequency system.

Skynet, however, is not without its technical problems. Signals coming from the tiny satellite are minute and need to be greatly boosted by amplifiers on the ground. These amplifiers need a complex cooling system. Special equipment is used to distil nitrogen from the air and freeze it to minus 198 degrees centigrade at which point it turns to liquid.

Soldiers handling refrigeration equipment have to wear gloves and goggles since liquid nitrogen in contact with the skin has a similar effect to second- or third-degree burns.

The radio and teleprinter cabins have to be air-conditioned and kept at an even temperature. This necessitates the use of a porch airlock.

But Skynet is very flexible. Each station has 12 teleprinter channels sending traffic at 66½ words a minute, and two high-speed data channels which are ten times as fast.

The data channels have a voice capability and could be used for transmitting diagrams, maps and pictures.

Voice reception over thousands of miles is as clear as a good local telephone call. A foreman of signals at Worcester told **SOLDIER**: "I was talking to Bahrain this morning and it was so loud I had to hold the receiver six inches away from my ear."





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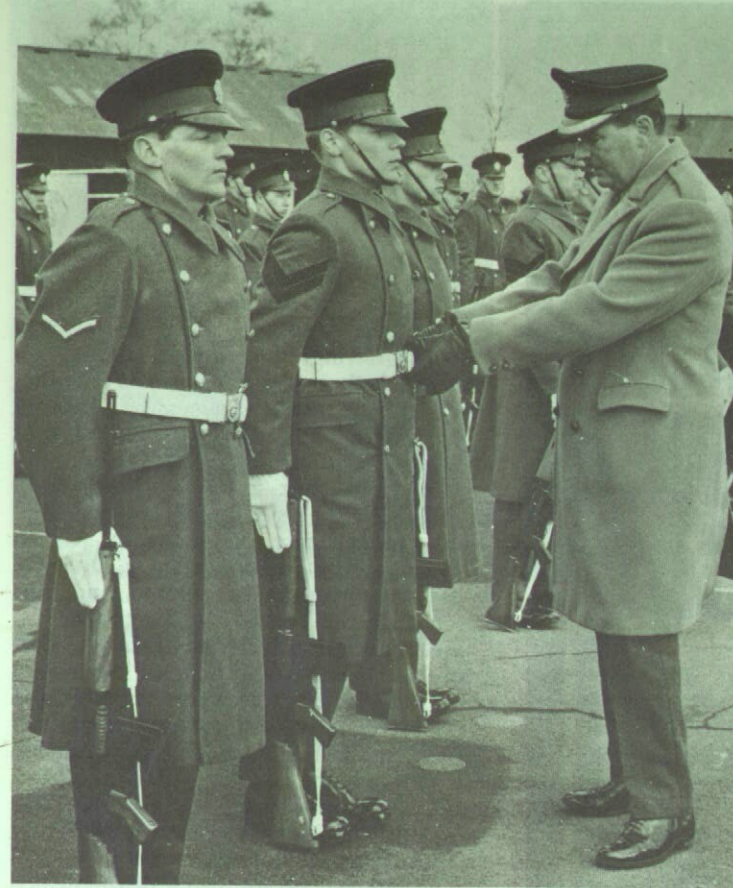
(a) ☐ (b) ☐ (c) ☐ (d) ☐



## Left, Right & Centre

▲So this is what they call a duck-board! The feathered fraternity at the Sea Bird Clinic, Sheffield Park, near Uckfield, Sussex, has reason to be grateful to the Army. Sixty sappers from the Junior Leaders Regiment, Royal Engineers, Dover, went along to help out with repairs after they heard that the clinic had been badly damaged by heavy rains.

▼A parade in sarongs and songkoks provided the finale to 69 years of military history. It was held at Gloster Barracks, Singapore, to mark the disbandment of 61 Squadron, Royal Corps of Transport. Brigadier G E Bavin, Chief Transport Officer, Far East Land Forces, inspected the squadron and took the salute at the march past. The squadron was formed in Dublin in 1901 as 61 Horse Transport Company, Army Service Corps, and was Malayanised in Singapore after World War Two.



▼In tactical terms, this is known as close support. Perhaps Major John Smeaton-Stuart of The Royal Irish Rangers (below, left) and Lance-Corporal David Bevan, Royal Corps of Transport, might call it very close. They are members of an Army liaison team with Fleet Air Arm Phantom strike aircraft at the Royal Naval Station, Yeovilton. Together they are working out new techniques for close air support bombing which involve bringing the aircraft directly over the forward air control position - from where the rest of the bombing is fully automated. Previous methods exposed the striking aircraft to modern anti-aircraft weapons but the new low-level computerised attack system provides the necessary element of surprise. Major Smeaton-Stuart and Corporal Bevan are pictured radioing final details of the target as the Phantom streaks low overhead on its practice mission.

▲There were no tinkers or sailors, but a tailor and soldiers were on parade at Hobbs Barracks, Lingfield. The tailor was there to advise Lieutenant-Colonel Charles Millman, commanding 1st Battalion, The Queen's Regiment, about the new-style greatcoats worn by his men for the first time. The greatcoats, still on trial, are in atholl grey and lighter than existing khaki ones.

## Left, Right & Centre



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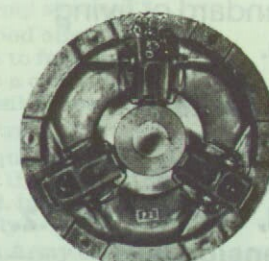
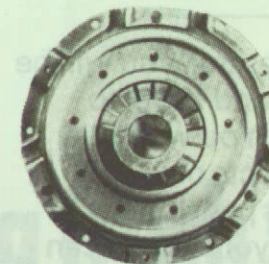
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**Recruiting Officer,  
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01-836 2435, extension 356**

# Twilight of the Black Cat

**T**HE tropic sun was setting and the soulful notes of the Last Post rang out across the parade ground at Rasah Camp, Seremban, as they lowered the flag of 17th Division for the last time.

The lowering of the flag—bearing the famous black cat motif—marked the end of nearly 29 years of history. The 17th Indian Division adopted the motif as a shoulder flash on its formation in July 1941. The "Black Cat" Division fought in Burma and Assam from January 1942 until the Japanese surrender in August 1945. As 17th Gurkha Infantry Division, it fought terrorists in Malaya and was involved in the Borneo Confrontation.

Headquarters 17 Division/Malaya District has been established at Seremban since 1966. The headquarters, redesignated HQ Malaya Area, will continue only until September. Other remaining detachments are withdrawing during 1971 except a small Commonwealth staff which will man a jungle warfare centre permanently established at Kota Tinggi.

The farewell parade had a distinguished audience: His Royal Highness the Yang di Pertuan Besar of Negri Sembilan, the Commander-in-Chief Far East Command, Admiral Sir Peter Hill-Norton, and the Commander, Far East Land Forces, Lieu-

Below: The flag of 17 Division is lowered for the last time, in the still tropic twilight, by a Gurkha signalman.



Right: Final salute taken by Maj-Gen D Horsford, GOC 17 Division/Malaya District. Also pictured are Lieut-Gen Hunt and Yang di Pertuan Besar.

Above: Sir Michael inspects the guard of honour.

tenant-General Sir Peter Hunt.

The guard of honour, formed by 48 men of the British, Australian and New Zealand units within the division, was inspected by the British High Commissioner to Malaysia, Sir Michael Walker. After they had marched off the square, Retreat was beaten by the Royal Marine band, 3rd Commando Brigade, Royal Marines, and the pipes and drums of the Gurkha Engineers and Gurkha Signals.

From a report by Army Public Relations, HQ Malaya Area.



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# Defence Estimates 'Most Highly Trained Forces'

**B** RITAIN enters the seventies with the most highly trained armed forces in the North Atlantic Alliance, while the range of new equipment "in service or immediate prospect" is second to none, records the 1970 White Paper on the Defence Estimates. The overall military capability is such that "no other West European power can surpass."

The cost of defence in 1970-1971 totals £2,280,000,000, the Army's share being £615,630,000, an increase of £21,198,000 over 1969-70. The total is about 5½ per cent of the gross national product (as against the Soviet Union's and the United States' nine per cent) but does not include the cost of the new pay increases.

Defence Minister Denis Healey told a Press conference that the 22 battalions available in the United Kingdom in 1964 had now increased to 30 in consequence of the planned withdrawals from east of Suez. There had, therefore, been no difficulty in finding eight battalions to reinforce the Northern Ireland garrison at the request of the civil power. This was the most important operational role of the Army during the past 12 months.

The Minister said that although it may be necessary to make some temporary deployment of units from the British Army of the Rhine for short unaccompanied tours in Northern Ireland they could return quickly to Germany in a NATO emergency. Not more than one battalion would be away from Rhine Army this year.

The withdrawal of forces from bases in Malaysia and Singapore is to be completed by the end of 1971. Support facilities are being steadily reduced and the Commonwealth Brigade base at Terendak is part of the £13,000,000-worth of land, facilities and associated equipment due to be transferred free of charge by the beginning of this month.

British forces will still be trained in the Far East after 1971 and the Commonwealth exercise Bersatu Padu, to be held in Malaysia later this year, will demonstrate Britain's capacity to deploy forces rapidly from the United Kingdom.

The withdrawal from the Persian Gulf—due by the end of 1971—should begin this year. El Adem and Tobruk in Libya were due to be evacuated by 31 March 1970.

"The main function of British forces in the future," says the White Paper, "will be to help in guaranteeing peace and security for Europe through the North Atlantic Alliance." The Soviet Union has continuously increased expenditure on defence and the Warsaw Pact countries have 500,000 sailors, 3,000,000 soldiers and 1,000,000 airmen. Thirty Russian divisions and 1900 tactical aircraft oppose the central region of Allied Command Europe.

Western security still relies fundamentally on the "guarantee provided by the strategic nuclear forces of the United States" but, with the increasing number of tactical nuclear weapons and strategic nuclear systems, NATO strategy has been revised. It now "depends critically on maintaining conventional forces in Western Europe at a level which will give NATO an alternative to a nuclear response against anything but a major deliberate attack; and which, if an attack on this scale should occur, would allow time for negotiations to end the conflict and for consultations among the allies about the initial use of nuclear weapons if negotiations should fail."

The White Paper adds: "At present the level of these conventional forces is just sufficient for this purpose, though there is a need for improvements in quality and equipment."

Britain makes a major contribution to NATO and is to provide a signals troop to replace the Canadian troop to be withdrawn with some other Canadian forces this year. The United Kingdom Mobile Force (Army Strategic Command and Royal Air Force) and the Army and RAF contribution to the Allied Command Europe Mobile Force have a special capability for rapid reinforcement, especially on the NATO flanks.

The size and shape of Britain's armed forces in the seventies are to be determined primarily by the needs of the North Atlantic Alliance. Defence policy is to be firmly based on NATO but a capability will be

retained for the protection of Hong Kong and other dependencies and for the purpose of operating outside the NATO area with allies or in support of the United Nations, if necessary.

With the armed forces "more soundly balanced and with a greater assurance of stability than they have enjoyed for many years," British external policy "looks to a developing Europe as its central theme for the seventies." The forces will be deeply involved. They will have "a positive role of critical importance in the development of Europe" and "at every level and in every arm" carry a direct responsibility for building confidence and understanding between neighbours and allies. They possess "unmatched standards of skill and experience" and it will be their purpose to preserve these standards and "to apply them with increasing effect to the needs of an evolving Europe."

Other points from the White Paper:

## Deployment, operations and exercises

There were few operational tasks during the year but the situation in Northern Ireland called for tolerance and patience, high professional skill and complete impartiality in arduous conditions. To improve continuity, two of the additional battalions are to serve for two years accompanied by their families.

On 1 January 1970 the Army was deployed as follows: United Kingdom 98,330, Europe 53,120, Mediterranean and Near East 7780, Middle and Far East 30,320, elsewhere including Caribbean 4250.

Four brigades in Rhine Army have been reorganised to provide a better balance between armour and mechanised infantry and a fifth is to be reshaped in 1970.

Bomb disposal squads of Royal Engineers and Royal Army Ordnance Corps carried out 500 investigations in Britain and destroyed or disarmed 9000 explosives. Some 2250 acres were cleared of dangerous items. Sapper detachments have operated worldwide to construct airfields, build and repair bridges, make and surface roads, co-operate with and train employees of local works departments and generally assist local authorities and communities.

British troops took part in exercises in at least 26 overseas areas including British Honduras, Canada, Ethiopia, Fiji, Iceland, Malta, New Zealand, the Solomon Islands and the United States. In addition, 79 units of the TAVR trained overseas.

## Combat forces

Seven armoured regiments are now equipped with Chieftain tanks and there will be two more by the end of 1970. Swingfire anti-tank guided missiles are being supplied to armoured regiments on a special version of the standard armoured personnel carrier. Mechanised infantry battalions are to be equipped with a new light anti-tank rocket this year.

Battle groups of 1 (British) Corps are now fully vehicle-borne, mainly on tracks. The sappers are receiving more M2 amphibious bridging while the Stalwart reduces the dependence of fighting troops on roads for re-supply. Surveillance will be significantly improved during the year by a

new drone and a ground surveillance radar. More night fighting devices are being issued.

## Reserve forces

The Territorial Army Volunteer Reserve increased in strength from 40,200 to 47,000. Some 3400 transferred from category III but the remainder of the increase was the result of a recruiting drive. Nine additional infantry companies and four artillery batteries have been formed.

## Research and development

Major development projects include the WG13 and Gazelle helicopters, Rapier air-portable surface-to-air guided weapon system with blind fire attachment, Swingfire long-range anti-tank guided weapon, Blowpipe unit self-defence surface-to-air guided weapon, Clansman net radio system for communications in the field, Mallard tactical trunk communication system, and weapon locating radars, including a new lightweight mortar-locating radar which can be carried on a helicopter.

Other equipment projects include improvements for operating at night and in bad weather and the use of automatic data processing in command and control systems. Britain and West Germany are collaborating in the development of a towed medium gun and a self-propelled gun. A lightweight automatic cannon is being developed for use against light armoured vehicles and the Chieftain is the basis for a new armoured recovery vehicle and an armoured vehicle-launched bridge. An amphibious combat engineer tractor and a group of air-portable armoured vehicles for reconnaissance, surveillance and fire support are being developed.

## Training and support

Infantry training depots are to be reduced from 15 to nine by 1975, with one in each of five of the seven administrative divisions and two in both the King's and Prince of Wales's divisions. An Army School of Instructional Technology has been established at Beaconsfield.

The new term "Adventurous Training" marks an expansion of the old scheme and includes an increase in the adventurous aspects of normal training, more support for expedition training and the inclusion of additional challenging pursuits.

Two Royal Army Ordnance Corps depots and two sub-depots in Britain are to close by the end of 1972 but RAOC support in Rhine Army is being strengthened by two new depots built and paid for by Federal Germany.

A new computer configuration for RAOC stores control comes into use in 1971. Another will be delivered in 1971-72. Studies are being made of the use of automatic data processing systems for the control of stocks in Rhine Army.

Administrative trooping to and from North-West Europe is carried out under contract but most other trooping is done by Air Support Command. During 1970-71 about 404,000 single air journeys will be made and about 75 per cent of the pas-

senger miles will be undertaken by Air Support Command. The Services Booking Centre, to be established later this year, will provide a central agency for all troop-ing from the United Kingdom.

## Recruiting and re-engagement

The strength of the Army on 1 January 1970 was 175,850 (181,580 a year earlier.) The three Services totalled 376,290 (against 388,770).

Army officer recruiting is falling short, particularly in some specialist and technical corps, but there was an increase in applications for short service commissions in 1969. More applied for university scholarships in 1969 than ever before; 28 were awarded and 27 graduates took commissions in the combatant branches of the Army.

After a poor start the recruiting of male adults, including young soldiers, improved and by the end of the year was 21 per cent better than 1968 at 14,206. Enlistments of junior soldiers between 15 and 16 improved by a fifth, from 5392 in 1968 to 6503 in 1969. The women's services also improved by about the same percentage but both the Queen Alexandra's Royal Army Nursing Corps and the Women's Royal Army Corps are still below strength, with the QARANC seriously short of officer recruits.

More than half the soldiers entitled to transfer to the Reserve after six and nine years' service extended their engagements in the first nine months of last year, while 91 per cent of those completing 12 years continued to serve.

## Personnel and family services

The entitlement to married accommodation was extended during the year to all married Servicemen regardless of age and the extra demand is being met by additional hirings. There are now 86,000 married quarters for the three Services in Britain and a further 3100 will have been completed or started this year. Estimated expenditure on new quarters in Britain this year is £8,900,000; more than £2,000,000 will be spent on improvements to existing quarters. Expenditure on married quarters overseas will amount to £800,000.

The new Hyde Park Barracks, Knightsbridge, for the Household Cavalry, will be opened in 1970-71. The reconstruction of St John's Wood Barracks to house The King's Troop, Royal Horse Artillery, begins this year. In Germany solid fuel boilers are to be replaced by modern oil-fired plant.

Redundancy in the Army in 1970-71 will affect about 100 officers and 550 soldiers of whom 99 per cent officers and 90 per cent soldiers are volunteers. The Ministry of Defence is working with industry and commerce to promote the co-operation of employers in the resettlement of Servicemen. All retiring voluntarily with retired pay or pension after age 40 may now receive pre-release resettlement training. Many attend 28-day courses at Service resettlement centres or are attached for a similar period to a civilian firm or organisation.

A special scheme to assist Servicemen and women to purchase a house in the last 12 months of their service was introduced in 1969 and takes the form of an interest-free loan which is recoverable from terminal benefits on retirement or discharge.



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## Military Models Lilliputian Legions



**I**N a back street behind Woolwich Garrison the Romans are on the march again, fair Amazons defend their honour against barbarian hordes and British Tommies are bayoneted by the Boche.

These lilliputian legions, just two inches high, fight it out in glass cases at the showrooms of Rose miniature model soldiers. The showrooms and workshop shelter behind an unimposing Victorian facade at 45 Sundorne Road, London SE7, but the firm has won an international reputation, selling five-sixths of its connoisseur models abroad.

Russell Gammage, wartime naval coxswain and former art teacher, began the business by making Coronation characters part-time in 1953. In the following six years he sold a ton of tin soldiers. Now he has a staff of ten and is hoping to expand. "A few years ago it was thought to be *infra dig* to collect model soldiers," he said, "but nowadays 'in-people' like actors and film producers regard it as

'the thing' to have a few on display in their homes."

One of his typical foot figures costs about £5—painting takes a skilled artist almost a whole day. A wealthy collector would invest £85 in King Rameses II but a schoolboy could buy an unpainted wargaming figure for 1s 6d.

What marks out these as master models is their accuracy and detail. The technique of centrifugal casting in a rubber mould causes distortion—disproportionately large heads and narrow bodies—which is noticeable in the products of lesser manufacturers. Mr Gammage, however, has managed to compensate for this in the design. His figures have heads and arms moulded separately and the unpainted kits can be built up in a great variety of poses. For those who like a really individual model, examine his new US paratrooper. It is painted complete with a wrist watch, muddy boots, a lighted cheroot in the mouth and a day's unshaved stubble on the face! **HH**

Below: Pins in mouth, Mr Gammage works on large-scale Greek warrior model for Mauritius.



Below: Officer, 4th Light Dragoons, 1822, which costs £3 14 8d unpainted and £25 17 10d painted.





# LETTERS



## Crossbow challenge

Service teams (of four) are invited to compete for the Courage inter-club trophy in the miniature crossbow club competition. As founder of the sport, Kingston Miniature Crossbow Club holds the trophy but welcomes a challenge from any Service club or team over an agreed number of targets. A successful challenge would lead to a further match on the winner's range and so on ad infinitum. No time limit is imposed on the holders.

Where are the keen-eyed Service marksmen or women who can capture our trophy? Captains, please phone 01-546 0393 before noon.—**Sturdee Cray, Chairman KMCC, Bricklayers Arms, 53 Hawks Road, Kingston-upon-Thames, Surrey.**

## SOLDIER's Silver Jubilee

On the occasion of the reunion of 44 past and present members of the staff of SOLDIER Magazine, gathered to mark the magazine's 25th anniversary on 19 March 1970, I send to you all sincere thanks for the past and best wishes for the future from myself and all ranks of the Army. Your outstanding achievements have ensured that SOLDIER Magazine has been a most interesting, topical and enjoyable publication, and we look forward to 25 further years in the same vein.—**General Sir Geoffrey Baker, Chief of the General Staff, Ministry of Defence, Main Building, Whitehall, London SW1.**

★ *Delivery of the CGS's letter by a Royal Signals corporal despatch rider of 10 Signal Regiment, Hounslow, was a highlight of SOLDIER's "regimental reunion" of past and present staff.*

PERSONAL FOR MR PETER WOOD FROM ARMY COMMANDER STOP CONGRATULATIONS ON TWENTY FIFTH ANNIVERSARY ON 19 MARCH STOP KEEP UP THE GOOD WORK ON COVERAGE OF FARELF STOP ONLY 21 MONTHS LEFT.—FARELF

From "Down under." I heard my 6 o'clock "News about Britain" yesterday and heard of the SM birthday. May I send you all my congratulations and may you have continued success with the excellent method for HM Forces—good reading and entertainment. May I, in order to give you something to do—and recall the Army method, sign off as:—"SOLDIER Magazine, August 1955, pages 22-23, retired."

★ *The August 1955 issue identifies the reader as former Warrant Officer I Sidney Storr, Royal Army Educational Corps. The article on pages 22-23 described how Mr Storr, an instructor at the Higher Education Centre, Catterick, built his own bungalow at Great Bookham, Surrey. Mr Storr, who instructed in carpentry, upholstery and bricklaying, said at the time: "Any soldier who can save some money and likes to put himself out can build a house as I did. There are all the facilities for learning in the Army education centres at home and overseas."*

Mr Storr now lives at 16 Grand Drive, Remuera, Auckland S, New Zealand.

MAJOR-GENERAL J M D WARD-HARRISON GOC NORTHUMBRIA DISTRICT, THE MEMBERS OF HIS HEADQUARTERS STAFF AND ALL RANKS NORTHUMBRIA DISTRICT SEND THEIR CONGRATULATIONS TO THE EDITOR AND STAFF OF SOLDIER ON THE OCCASION OF THEIR SILVER JUBILEE 19 MARCH 1970.

I would like to congratulate you on the celebration of your Silver Jubilee. I have really enjoyed your magazine for the last 25 years and now that I am a civilian I find that I look forward even more to each new issue as it gives me up-to-date information of the life that I liked so very much.

May you continue with even more success for the next 25 years.—**E C Willett, 28 Stuart Road, Reigate, Surrey.**

Congratulations on your Silver Jubilee.—**T Hardy, 20 Peartree Gardens, Romford, Essex.**

Good luck for the next 25 years.—**R Pratt, 325 E Aylsham Road, Norwich, Norfolk NOR 14N.**

## Hurrah for the CRE

As a regular reader of SOLDIER and an ex-sapper may I protest against RB's review of the record, "The Band of the Corps of Royal Engineers." I agree that this is a fine recording and an equally fine band, but hasten to add that the words of the famous sapper song, "Hurrah for the CRE," are anything but "filthy," as RB would suggest (barrack room versions of any song are most unlikely to be put on record anyway!). The words of this song are partly British, partly Kaffir, while the tune is South African. For the uninitiated the words are:

Good morning Mr Stevens and windy notchy knight,  
Hurrah for the CRE.  
We've been working very hard, down at Upnor Hard,  
Hurrah for the CRE.  
You make fast, I make fast, make fast the dinghy  
make fast the dinghy, make fast the dinghy.  
You make fast, I make fast, make fast the dinghy,  
make fast the dinghy pontoon,  
For we're marching on to Laffan's Plain,  
to Laffan's Plain, to Laffan's Plain,  
Yes, we're marching on to Laffan's Plain,  
Where they don't know mud from clay.  
Ah, Ah, Ah, Ah, Ah, Ah, Ah, Ah,  
Oshta, Oshta, Oshta, Oshta,  
Ikona malee, picaninny skoff,  
Ma-ninga sabenza, here's another off.  
Oolum-da cried Matabele,  
Oolum-da away we go  
Ah, Ah, Ah, Ah, Ah, Ah, Ah, Ah,  
Shush . . . . . Whoow!

Hoping this may clear up any misunderstanding—and may the ghosts of old sappers rest in peace.—**D W Luckett, 46 Station Road, Melling, Liverpool L31 1BW.**

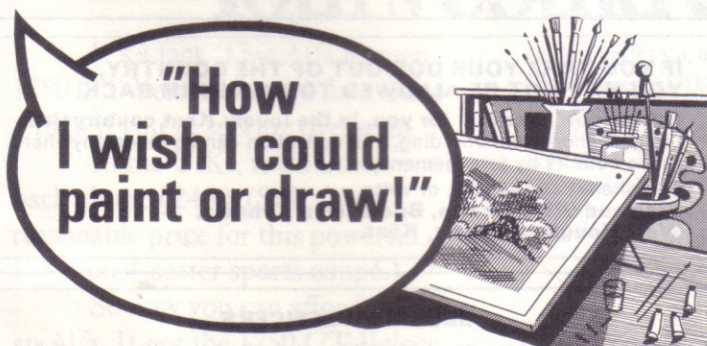
would have admitted) and are only later cleaned up. Can Mr Luckett imagine a hairy sapper of the 19th century singing "where they don't know mud from clay?" Why, they're not even the same colour.

I forecast that in these progressively permissive times the corps band may yet record the song in its full glory so, on second thoughts, I don't blame Captain Parkes for declining to sing an adulterated version.

Would anyone care to join me in a few choruses of "We are the King's Royal Rifles" or "Screw Guns?"

★ *RB writes: Your reader takes my light-hearted reference to the words as being "not all that filthy" very seriously. My point was exactly Mr Luckett's—that they were clean enough to sing in an edited version. Soldiers' songs begin in the barrack-room (as even Kipling himself*

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## Correctly badged

The February back cover SOLDIER would indicate that SOLDIER's photographs are somewhat in arrears. The cover shows soldiers of The Duke of Wellington's Regiment and The Royal Ulster Rifles and both the cap badges these men are wearing are out of date. The Duke of Wellington's changed theirs in 1958 from the one in the picture to the Yorkshire rose with a scroll on the bottom with the word "Yorkshire" and, on the top, a crown.

As an ex-"Duke" I feel I must correct you.—J Shaw, B (RUR) Company, North Irish Militia (V), Girdwood Park, Belfast BT14 6AS.

★ Sorry to have to disagree, Mr Shaw, but this was a recent picture, taken when a SOLDIER team visited the School of Transport—and the two soldiers are properly badged.

The Regular "Dukes" lost the old cap badge when the brigade system was introduced and took The Yorkshire Brigade badge. When brigades gave way to the divisional system, divisions were similarly to have had cap badges but this idea was scrapped and eight un-amalgamated regiments, among them the "Dukes," were given permission to revert to the old badges if they wished. The "Dukes" did so. The soldier on the February cover correctly wears the "old" badge and its red backing.

The other soldier is not wearing the badge of The Royal Ulster Rifles but that of The Royal Irish Rangers which was formed on 1 July 1968 from The Royal Ulster Rifles, The Royal Irish Fusiliers and The Royal Inniskilling Fusiliers.

## HOW OBSERVANT ARE YOU?

(see page 37)

The two pictures differ in the following respects: 1 Sledgehammer handle. 2 Number of sun's rays. 3 Pullover, left hand man on bank. 4 Right paddle blade. 5 Wave lines left of artist's signature. 6 Bubbles below canoe's bow. 7 Size of flag. 8 Right hand bush, second pair from top. 9 Hill line near right hand tree. 10 Wave above "n" in "Frank."

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## One-day cover

To mark its 50th anniversary the Royal Corps of Signals is issuing on 28 June 1970 a one-day cover which should be of particular interest to Service philatelists.

The design on the envelope depicts the progress of communications equipment between 1920 and 1970. The stamp to be used on the cover, the 9d telecommunications issued by the Post Office in October 1969, was chosen to emphasise the close connection between Royal Signals and the Post Office telecommunications branch. Most appropriately the stamp uses the corps colours of light blue, dark blue and green.

The British Forces Postal Service has allocated a special BFPO number for the occasion and a post office is being set up on 28 June, at the old comrades' celebrations at Catterick Camp, to process the one-day covers. These cost 5s and can be obtained from Philatelic Officer, 11 Signal Regiment, Catterick Camp (cash must accompany any orders).



## SOLDIER FISHERMEN

The Eyemouth, Berwickshire, Sea Angling Club is holding its annual sea angling festival on 20 and 21 June. Service teams will be competing for the "Derek Batey" trophy presented each year to the unit team with the heaviest catch of fish on the second day of the festival. A team consists of four members and the entry fee is 10s per team.

The daily time-table is as follows: Registration 0900 to 1130; fishing time 1130 to 1630.

Team members may also take part in other events provided they register before starting to fish.—G T Ross, Festival Secretary, 10 Hall Bank, Coldingham, Berwickshire.

## COLLECTORS' CORNER

Maj A F Jackman, Tattoo Office, Lansdowne Grove Hotel, Bath.—Requires tattoo programmes and illustrated souvenirs: Aldershot tattoo programmes 1923, 1926, 1928 and illustrated souvenirs all years except 1927, 31, 34 and 38; Tidworth tattoo programmes before 1924, also 1928 and 30 and sets postcards before 1938; Northern Command tattoo programmes 1938 and before 1935; illustrated souvenirs all years except 1937 and postcard sets all years. Programmes also required of post-war SSAFA White City tattoos and RA Woolwich tattoos. Limited number of Aldershot, Tidworth, Bath and

Cardiff tattoos available for sale or exchange. Realistic prices paid for above collectors' items.

Flt Lt J McLoughlin, 34 Sqn, RAF Akrotiri, BFPO 53—Wishes purchase medals. Send registered for quotation.

Derek Lister, 1 Norr Green Terrace, Wilsden, Bradford, Yorkshire—Requires British Victorian and Edwardian campaign medals for India, Africa, Egypt, Boer War and especially Zulu campaign, Indian Mutiny, Egypt with bar Tel-el-Kebir. Please send details or medals (registered) for return cash offer.

John Lawrence, 35 Abbeystead Drive, Hala Carr, Lancaster, Lancs.—Wishes exchange for Army cap badges five bound volumes in very good condition Odhams Press history of World War Two—first year to fifth.

Ch/Tech Iles, RAF Bruggen, BFPO 42—Will swap one German FDC for any two FDC's sent in good condition with stamped envelope.

Duncan Livingstone, Renal Unit, Douglas House, Addenbrookes Hospital, Cambridge—Needs pictures, photos, drawings of any military vehicle or AFV from 1910 onwards with view to furthering new hobby. Also requires any pre-March 1958 issues of SOLDIER. All replies will be appreciated.

Household Cavalry Museum, Combermere Barracks, Windsor, Berks.—For sale (prices include postage): Coloured postcards full dress coat RHG 1800, service dress coat RHG 1815, kettle drums 1st Life Guards 1831, illustrated programme presentation of Standards 1963, all at 6d each. Buttons, 1LG, 2LG, RHG, large 5s each. Short Household Cavalry History 2s 6d each. History H Cav Standards (2 parts) 2s 6d complete. Key rings RHG and LG 3s 6d each. Payment by cheque or PO in advance to H Cav museum.

F A Cooling, 38 Kent Drive, Oadby, Leicester, LE2 4PP—Requires cap badges Tower Hamlet Rifles; 4th County of London Yeomanry; Jewish chaplain's No 1 dress.

G Ewing, Staff, HM Prison, Manchester, Lancs.—Requires prison badges and insignia all countries particularly Communist bloc, South America, Middle East and Far East. Also British pre-1937.

N S Harris, 198 Eastcourt Lane, Gillingham, Kent—Requires World War

Two posters, originals or reproductions; also documents, leaflets etc. Please state price; all enquiries answered.

Jerry Steber, aged 15, 327 East Muir Avenue, Hayleton, Pa 18201 USA—Collects British Army shoulder insignia, caps and cap badges and would like to hear from British soldiers.

C Wilkinson-Latham, Mas St Ann, Avenue Van Loo, Cannes 06, France—Wishes purchase helmet plates, badges and medals applicable to 24th Foot later South Wales Borderers. All letters answered.

C J Dickinson, Nene Hatun Caddesi 23/2, Gazi Osman Pasa, Ankara, Turkey—Can supply Turkish armed forces and police rank and formation badges.

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

J C Lalith Perera, 238 Negombo Road, Wattala, Ceylon—Collects picture postcards, photographs and technical data of aircraft.

## WATCH IT!

Competition 139 (December)—a bumper "How Observant Are You?"—caught out more than half the competitors. Was there an odd number of differences, say 19 or perhaps 21, as in previous competitions of this kind? Or was there some kind of double bluff?

In fact it was all perfectly straightforward and there were exactly 20 differences. The majority of incorrect entries were in the 19 bracket, half as many with 18, then a gap to 17, 16 and 15 and odd entries down to ten. The competition said "Normally there are ten differences but there are obviously more in these two drawings." But the monthly tradition dies hard!

The differences were: 1 Angle of left star. 2 Width of moon. 3 Curtain at bottom right. 4 Lower button of TV. 5 Collar of man on screen. 6 Forefinger of man on screen. 7 Middle ball on party hat. 8 Left rear foot of TV. 9 Flex at left of curtain. 10 Width of



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lampshade. 11 Base of lampstand. 12 Window of house on picture. 13 Cow's left horn. 14 Right poplar tree. 15 Pattern on ghost's shoulder. 16 Handle of sword. 17 Pages of magazine on table. 18 Right rear leg of chair. 19 Middle top holly leaf. 20 Ghost's mouth.

Prizewinners:

- 1 Chuen Khen Yong, 18 Mary Street, Taunton, Somerset.
- 2 Occupier, 28 Jones Street, Belleville, Ontario, Canada.
- 3 Steven Bilton, 36 Ruskin Drive, Armthorpe, Doncaster, Yorks.
- 4 H A Darby, 34 Claremont Road, Westcliff-on-Sea, Essex SSO 7DZ.
- 5 James D Cotterill, 16 Canal Street, Skipton, Yorks.
- 6 L/Cpl M J Post, G Branch, HQ British Troops Malta, BFPO 51.
- 7 Maj R M Brewer RTR, Recruit Selection Centre, Basil Hill Barracks, Corsham, Wilts.
- 8 A E Martin, 107 Baldwin Webb Avenue, Donnington, Telford, Salop.
- 9 SQMS P Minvalla, 5 Innis DG, BFPO 15.
- 10 Dvr Wylie, HQ Troop, 23 Tk Tpstr Sqn RCT, BFPO 16.
- 11 Gnr L P Coles, D Troop, D Battery, 3rd Regt RHA, BFPO 41.
- 12 L/Cpl D Davies, 16 Para Hy Drop, Arnhem Camp, Watchfield, Swindon, Wilts.
- 13 Sgt W S Johnson, 50 Ord Maint Park RAOC (V), TAVR Centre, Stockton Road, Middlesbrough, Teesside.
- 14 Pte G B Walkey RAPC, Barbolingey, Scredda, St Austell, Cornwall.
- 15 Pte S Newcombe WRAC, Education Centre, HQ Coy, WRAC Centre, Queen Elizabeth Park, Guildford, Surrey.

from P J Boyce, Attarpultan, 13 Sticklepath Terrace, Barnstaple, N Devon.

**Royal Military Police Association.** Reunion and dinner Saturday 16 May, Maida Gymnasium, Queen's Avenue, Aldershot, 7 for 7.30pm. Tickets 25s (including dance after dinner) from sec, RHQ/RMP, Roussillon Barracks, Chichester, Sussex. Wives (and husbands of lady members) welcome. Limited single male and female accommodation available on written request to RHQ/RMP.

**Royal Pioneer Corps Association.** Corps weekend and annual general meeting 12, 13, 14 June, RPC Training Centre, Simpson Barracks, Wootton, Northampton. Details from sec, RPC Association, 51 St George's Drive, London SW1; corps sec, Simpson Barracks; or from corps magazine, "The Royal Pioneer."

**8 CRU, Kneller Hall, 1945.** Reunion being arranged for 4 July in London. Details from Mrs I Lee, Lilac Cottage, Farthingstone, Towcester BN12 8EY (tel: Preston Capes 645).

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

**XVth Armourers' Reunion.** Saturday 13 June, Royal Green Jackets Hall, 56 Davies Street, London W1, 6.30pm. Open to all serving or who have served at any time as armourers or artificers weapon in RAOC or REME. Details and application forms from Capt E C Caldwell REME, HQ Southern Command, EME Branch, Hounslow, Middlesex. Closing date for applications, 1 June.

**Military Provost Staff Corps Association.** Reunion dinner Saturday 4 July, Berechurch Hall Camp, Colchester. Details from hon sec, MPSC Association, Berechurch Hall Camp.

**The Queen's Own Buffs, The Royal Kent Regiment Association.** Remembrance service and reunion, Maidstone, 12 July. Annual reunion and service of remembrance, Canterbury, 2 August.

## REUNIONS

**XVIIIth Royal Irish Regiment and South Irish Horse.** Annual reunion dinner Chevrons Club, London, Saturday 6 June. Annual parade Sunday 7 June, Horse Guards, 10.30 am. Details

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This month's competition is adapted from this game. In the rectangle, but not marked of course, are the ships shown alongside it—battleship (four squares long), two cruisers (each of three squares), three destroyers (two squares) and four submarines (one square each).

The larger ships are lying vertically or horizontally and no ship touches another. Only a surface ship may touch the sides of the rectangle and then only bows or stern on, not broadside.

You have already fired six shots and each scored a hit:

Round 1 hit a destroyer (B10)  
Round 2 hit a cruiser (F4)  
Round 3 hit a second destroyer (A4)  
Round 4 hit the second cruiser (B6)  
Round 5 hit the battleship (B2)  
Round 6 hit the third destroyer (E7).

Now finish off the fleet with the minimum number of shots. List your rounds in relation to the rectangle, eg A1, D3 etc and send your list on a postcard or by letter, with the "Competition 144" label from this page, and your name and address, to:

**Editor (Comp 144)**  
**SOLDIER**  
433 Holloway Road  
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This competition is open to all readers

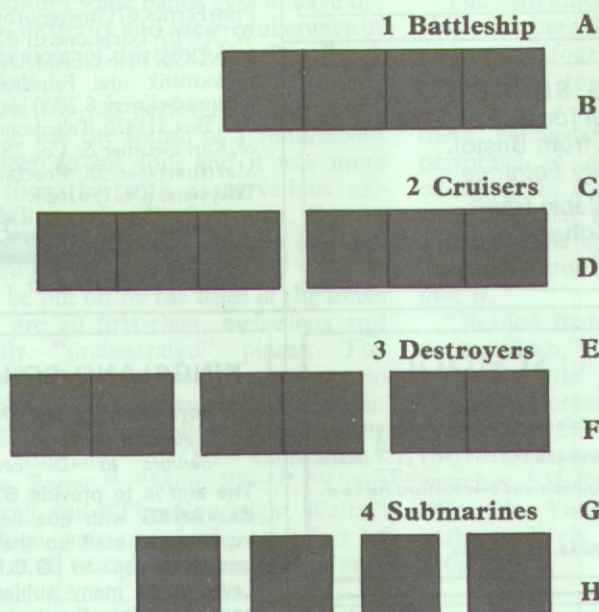
at home and overseas and closing date is Monday, 10 August. The answer and winners' names will appear in the October SOLDIER. More than one entry can be submitted but each must be accompanied by a "Competition 144" label.

Entries using OHMS envelopes or official pre-paid labels will be disqualified.

Winners will be drawn from correct solutions.

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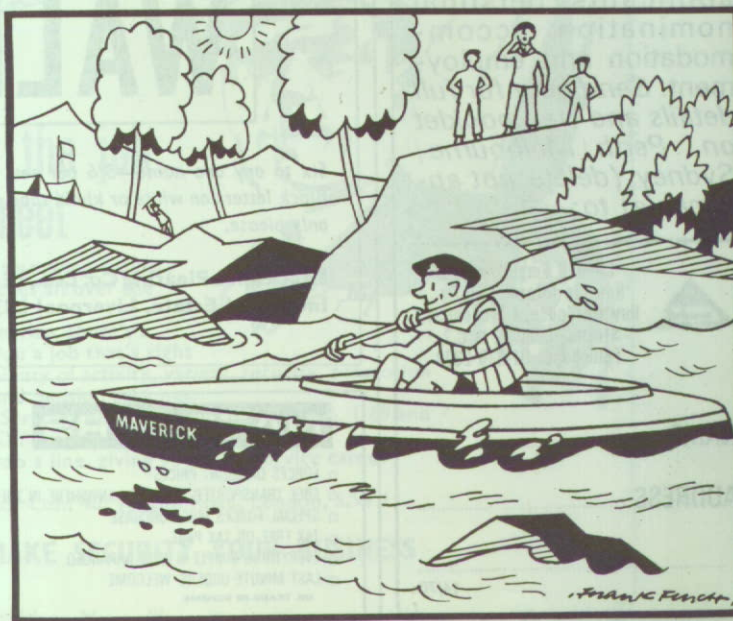
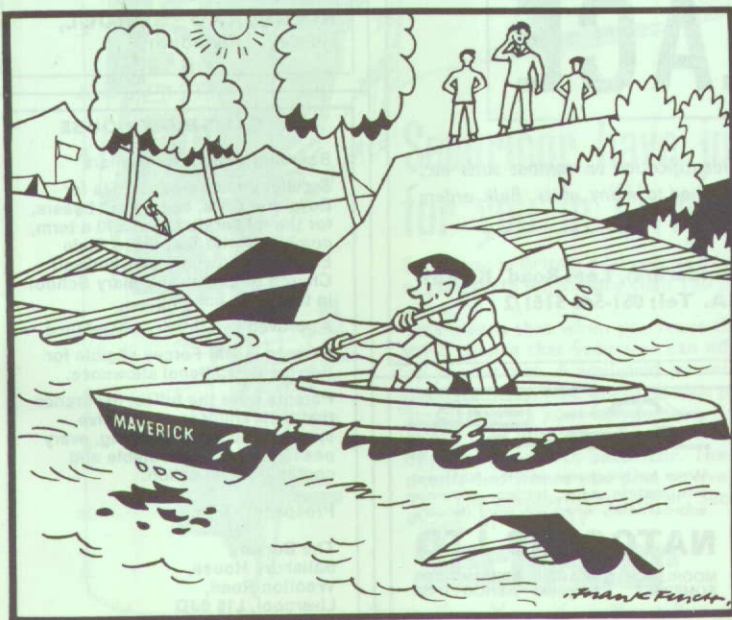
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	1	2	3	4	5	6	7	8	9	10
A										
B										
C										
D										
E										
F										
G										
H										

## 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 turn to page 34.





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14/70



# Beefeaters and gallopers

**"Marching and Waltzing" (Van Der Beek Organ) (Decca SKL 5000).**

Well, here's a turn-up for the books! The title has a familiar ring but the sound is about as rare these days as the sight of a Pearly King.

A real, live, genuine fairground organ no less, with nostalgic echoes of long-lost summers spent sucking gobstoppers on Hampstead, Hampton and Hounslow heaths amid the switchbacks, chairplanes, swings and that massive centrepiece the roundabout.

There is still at least one place where the fairground atmosphere can be recaptured, especially on a bank holiday—Woburn, in the Duke of Bedford's backyard. It is the organ there that is featured on this LP. What wouldn't some bands give to have the precision, dexterity and sheer exuberance of tone and colour of this 1923 Van Der Beek masterpiece.

Perhaps it is too perfect, for one of my generation has the sound of a roundabout etched deep in his soul and it was more wheezy than this with a marvellous unpredictability and will of its own. But let us be thankful for small mercies and roll up and buy, buy, buy.

Don't be put off by the titles of the items for they are all first-class, melodious and beautifully "orchestrated" pieces. The first march, "Action Front," turns out to be our old friend Blankenberg's "Towards the Light." Then follow a charming "Valse Nuptiale," "Old Comrades," "Panacre Range," "Mon Rêve," "Cœur de France" and "The Goodnight Waltz," after which you can with no effort of memory at all trudge homewards with your

coconut, footsore and weary, sticky and broke but knowing there are still two glorious weeks of holiday to come. **RBB**

**"The Sound of 72" (The British Columbia Beefeater Band, directed by Gordon C Olson) (Columbia SCX 6384).**

The title refers to the 72 young players, ranging from 17 to 20 years old, who made such a colourful hit at last year's Edinburgh Tattoo. Here they play a dozen pieces from their marching repertoire. Dressed (if you don't look too closely) like the traditional Beefeaters, they specialise in slick, precise drill movements the originals would be incapable of, with brash music to match, and without doubt have an attractive and lively act which is greatly in demand.

The instrumentation is full concert band plus six herald trumpeters, five drummajorettes, four glockenspiels and drum-major—not to mention the conductor dressed as a *white* Beefeater! I imagine these youngsters are students and the personnel of the band thus constantly changing. In these conditions it is understandable that the playing lacks maturity and ensemble but the record is more than just a collector's piece. Your children will love it.

"Beaded Belts," "Georgy Girl," "Am-parito Roca," "Talk to the Animals" ("Dr Doolittle"), "St Louis Blues" march, "Marche Lorraine," "Canada," "Music to Watch the Girls Go By," "King Size," two Derbyshire Volunteer Cavalry marches, "Hollywood Swing March," and "Consider Yourself" ("Oliver"). All these make a lively (yet paradoxically dull!) programme. **RBB**





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134

# Princess



**T**HE flags of two famous British infantry regiments were lowered for the last time and a new regimental standard burgeoned out from a central masthead. This symbolic act, on a windswept Bulford parade ground in sleet squalls driving down from Salisbury Plain, signified the birth of a new regiment, The Worcestershire and Sherwood Foresters Regiment (29th and 45th Foot), formed by the amalgamation of the old Worcesters and Foresters.

This was the moment when the Colonel-in-Chief, Princess Anne, inspected her new regiment for the first time.

Then there was a fanfare from seven silver-plated "Aida" trumpets specially made for the new regiment, and the Colonel of the Regiment, Brigadier J H M Hackett, presented the Princess with a magnificent diamond and sapphire regimental brooch.

Addressing the parade, Princess Anne seemed to speak for all present when she

said: "I feel that this will be a particularly happy and successful union."

Another fanfare, and the battalion marched past and advanced in review order—first in slow time to the Worcesters' "Duchess of Kent," so called because it was composed by the Duchess of Kent, mother of Queen Victoria, and then in quick time to the Foresters' "Young May Moon" and another Worcestershire march, "Royal Windsor," composed by Princess Augusta, daughter of George III, and first used by the 29th in 1791 when the regiment was stationed at Windsor.

The Royal Salute, followed by the commanding officer, Lieutenant-Colonel R G A Leman, calling for "three cheers for Her Royal Highness", and the parade was over.

Then the battalion marched off with its Colours flying and at its head Derby XXI, regimental ram of The Sherwood Foresters, who continues his career as mascot of the new regiment, and followed by a long column of old comrades led by General



Colours of The Worcestershire Regiment and The Sherwood Foresters are marched past at the amalgamation parade of the two regiments.

Right: This special cover commemorating the amalgamation depicts the old badges in full colour with a cachet showing the new badge.



# Anne's new regiment

Sir Richard Gale, late of The Worcestershire Regiment.

Both the Worcesters and the Foresters have strong family traditions. Sons have followed fathers and 15 pairs of brothers are serving in the new regiment. The Colonel-in-Chief had a particularly warm greeting for a rather special "daughter of the regiment" who had braved the bitter weather to see the amalgamation—95-year-old Mrs S D Muttelbury whose father served with the 95th (Derbyshire) Regiment of Foot (later 2nd Battalion, The Sherwood Foresters) in the Crimea and the Indian Mutiny, eventually commanding the 95th.

Throughout the parade Derby XXI stood firm as a rock.

Flanked by his two handlers, Ram-Major Lance-Corporal T Cheetham and Ram-Orderly B F Smyth, he wore his full-dress coat emblazoned with the regiment's battle honours and a replica of the original Indian Mutiny medal worn by the first of the line, Derby I.



Top left: Princess Anne, Colonel-in-Chief of the new regiment, is wearing the regimental brooch presented to her at the amalgamation.

Left: A royal pat and a friendly word for the regimental mascot.

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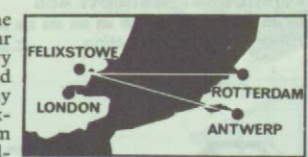
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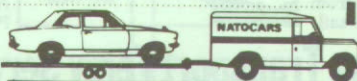
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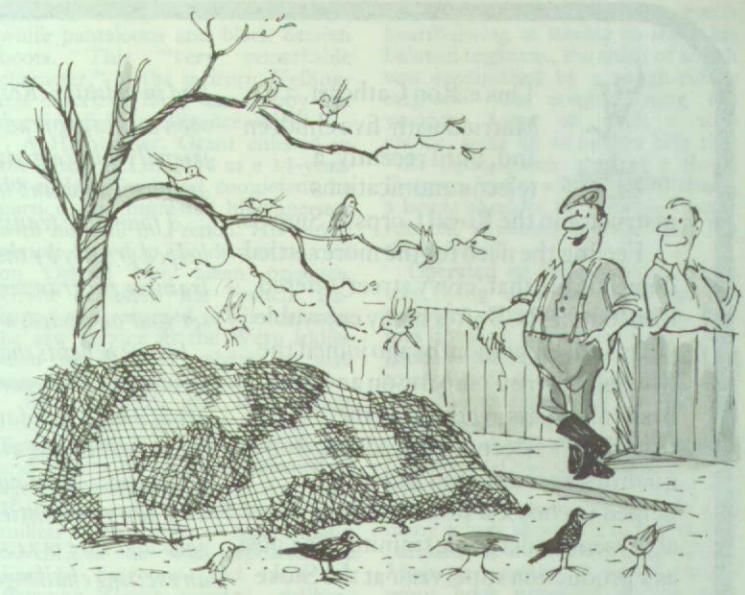
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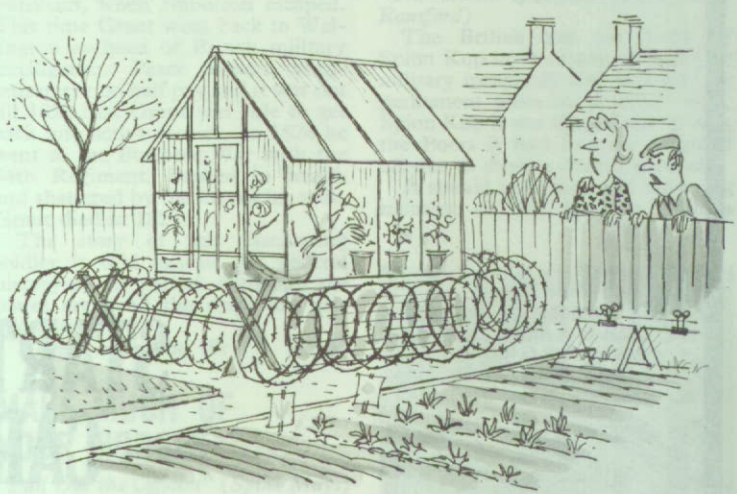
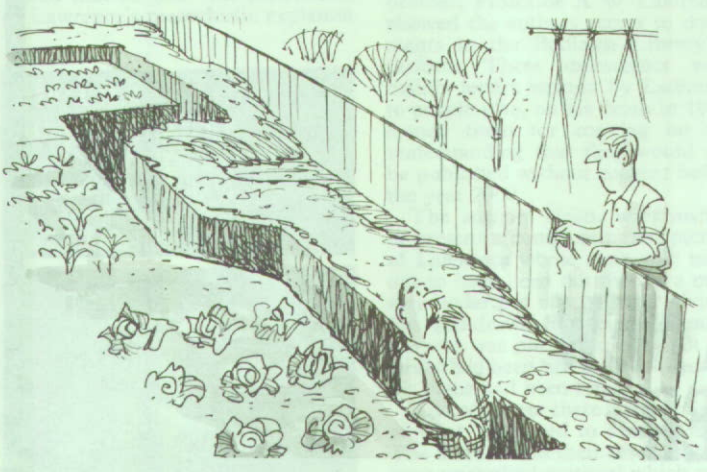




# SOLDIER'S GARDEN

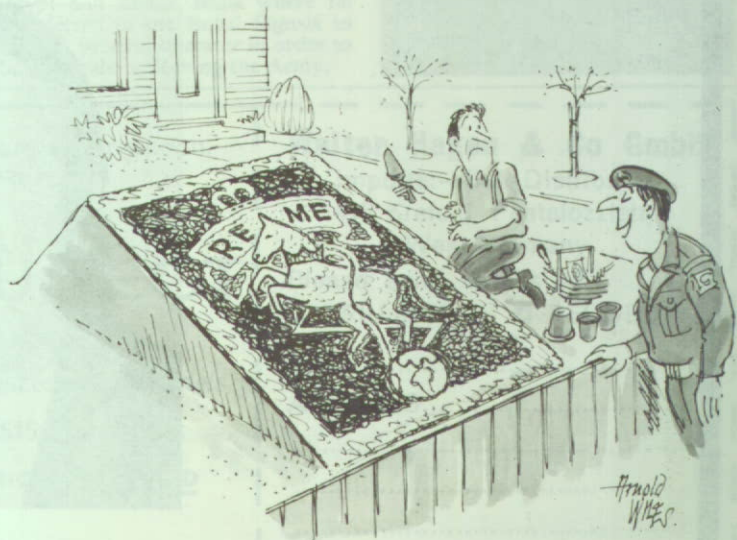
by ARNOLD WILES

"That's fooled 'em. They know I've got some peas in somewhere."



"Can't think what came over me—it started off as a celery trench."

"Him and his perishin' prize petunias!"



"I've been struggling to regain lost ground for a week but so far I've barely established a bridgehead."

"I've just seen the notice board—you've been posted."





This is Ron Cathcart, 33. Married with five children and, until recently, a telecommunications

instructor in the Royal Corps of Signals.

Feeling the need for the more settled domestic life that 'civvy street' offered, Ron left the RCS after many enjoyable years and, eight months ago joined the Michelin Tyre Company on an 'open' basis, after passing through the Company's selection procedure; Ron's qualities were assessed and he was helped to choose a suitable career. He is at present undergoing training for a post as a production supervisor at the Stoke factory.

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Ron Cathcart is doing well and has found himself a career at Michelin and not just a job.

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MYSTERY EXPLAINED

"The Secret Lives of Lawrence of Arabia" (Phillip Knightley and Colin Simpson)

Books on Thomas Edward Lawrence, better known as Lawrence of Arabia, have ranged from the uncritical legend-building of Lowell Thomas to the demolition work of Richard Aldington with, in between, books from Sir Basil Liddell Hart, Robert Graves, Anthony Nutting, Jean Beraud Villars and Robert Payne.

All have one thing in common—that little bit of the mystery unexplained. Lawrence was a great one for romancing and covering his tracks. He would tell one person something and an entirely different version to someone else. He was deliberately mysterious, doing as much as anyone to perpetuate the mists which always seem to surround him.

Mr Knightley and Mr Simpson have had unprecedented good fortune in their quest for the secrets of Lawrence's life. Both are correspondents for The Sunday Times and their interest in Lawrence began early in 1968 when that newspaper was approached by Mr John Bruce who said he had known Lawrence from 1922 until his death. It transpired that he was "the instrument of Lawrence's masochistic expiation

The First Respectable Spy

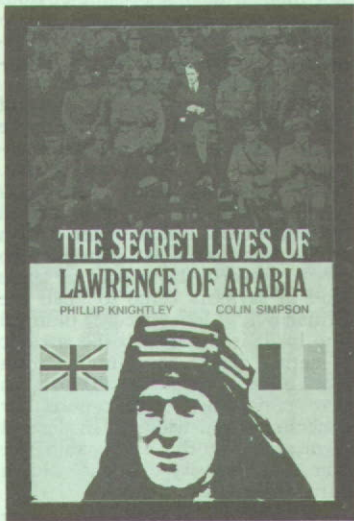
The Life and Times of Colquhoun Grant, Wellington's Head of Intelligence Jock Haswell



of the feelings of failure and guilt that afflicted him after the war."

Then came the reduction from 50 to 30 years in the period of official embargo on state documents. This freed many vital documents for scrutiny. Finally Lawrence's

Books



brother, Professor A W Lawrence, allowed the authors access to documents in the Bodleian Library at Oxford. These documents were mainly letters written by Lawrence to people who, on his death in 1935, loaned them for copying on the understanding that they would not be published without consent before the year 2000.

The authors claim, with justice, to present a completely new picture of Lawrence whose main role turns out to have been not that of a military leader but of a political adviser. His withdrawal from public life after the war was not because he felt the Arabs had been betrayed but because his plans had been rejected.

And of course there is the problem of what happened to him at Derra. The authors and their research team have unearthed material which casts doubt on Lawrence's version.

Nelson, 42s

JCW

COLQUHOUN GRANT

"The First Respectable Spy" (Jock Haswell)

The word spy conjures up a picture of a ruthless master of disguise who will stop at nothing to succeed. Consider then the story of Colquhoun Grant, officer and Christian gentleman, who rode behind enemy

lines in scarlet tunic and cloak, white pantaloons and black hessian boots. This "very remarkable character," as the taciturn Wellington described him, was no spy but our first field intelligence officer.

A Highlander, Grant enlisted in the 11th Foot in 1794 as a 14-year-old ensign. Quiet and competent, he particularly impressed his superiors with his skill in French. His career almost ended in the disastrous raid on Ostend but, taken prisoner, Grant perfected his French. Released and returned to his regiment he saw service in the West Indies then in Madeira where he also mastered Portuguese and Spanish.

Between 1810 and 1814 Grant became the "eyes and ears of the British Army." Cultivating peasants and priests he set up a network of agents throughout Spain and kept Wellington well supplied with vital military information. After many adventures he was captured by French dragoons and sent to Bayonne. Grant escaped, deliberately sought out a French general and, posing as an American, obtained a free coach ride to Paris. Even in the enemy capital he was able to get back messages.

By 1814 Colquhoun Grant was a lieutenant-colonel and about to enter the Royal Military College, Farnham, when Napoleon escaped. This time Grant went back to Wellington as head of British military intelligence. Peace meant semi-retirement on half pay and it was not till 1820 that Grant was able to get back into active service. In 1824 he went to the Burmese War with the 54th Regiment. Broken in health and shattered by the loss of his wife, Grant died in 1829.

The story of this fascinating soldier is told against the general history of the period. Although the plates are good the maps are disappointing.

Hamish Hamilton, 45s

AWH

MAKE MUCH OF YOUR HORSES

"Fall Out the Officers" (Spike Mays)

The author's second offering of reminiscences should receive an equal reception from cavalymen to that of his "Reuben's Corner." Mr Mays describes his life in the Army from 1924 to 1932. Joining the Royal Dragoon Guards as a "band rat" at 16½ he served with them at Canterbury, Aldershot and Hounslow before going overseas to Egypt and finally India where he transferred to the Royal Signals to train as wireless operator in order to have a trade on leaving the Army.

This move caused him much heartburning at having to leave his beloved regiment, the spirit of which was exemplified by a rough-riding sergeant who, congratulating the youthful Mays on such a wise choice, went on to inform him that "the light, elastic step of a Royal Dragoon makes a Life Guard shake, a lancer shudder an' a flamin' 'ussar run fer 'is useless bleedin' life. Up the Royals!"

Operated on for a mastoid, Mays was dying until an officer of the regiment, himself on crutches, told him it was an offence for Royal Dragoons to die in bed and ordered him to get better at once then get a haircut. Miraculously the "band rat" began to get better.

That officer was the legendary Lieutenant-Colonel (then lieutenant) A D Wintle. There are several good stories about him and many others about life in and out of barracks, at work and at play. Spike Mays has written a warmly humorous book pervaded by his deep affection for all ranks of his regiment and his good friends the horses. Strongly recommended.

Eyre & Spottiswoode, 35s RHL

CHAOS

"The Battle of Spion Kop (Oliver Ransford)

The British lost the battle of Spion Kop in "a display of supreme military incapacity that will find its permanent place in history." After Spion Kop it was alleged that among the Boers it had become a capital offence to shoot a British general.

It should have been the crowning moment of Sir Redvers Buller's



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military career. Spion Kop was the terrible milestone on the road to relieve beleaguered Ladysmith; after it Buller was shown up as a bumbling, vacillating nincompoop who evaded responsibility whenever he could. He concealed an almost total lack of self-confidence beneath a stolid demeanour and the fact that his courage in battle or in the saddle was legendary. For he was no coward—he earned the Victoria Cross for rescuing men under fire in the Zulu campaign of 1879.

But at Spion Kop he took up a position on Spearman's Hill, abdicating all command of the battle, and left the equally block-headed Sir Charles Warren to run the show. Sir Charles sowed confusion throughout the British ranks, to which Buller added by a series of interventions. At times the British were near success, but each time Buller or Warren blundered.

To give some idea of the chaos which reigned, Dr Ransford writes: "It was one of the strangest aspects of the battle that four British acting general officers were at this moment on the hill and three of them at least believed themselves to be the supreme commander."

On the other hand, Louis Botha, the Boer commander, had no need of military genius. He merely displayed sound common sense and the natural tactical ability with which, it seems, all Boers were endowed.

Dr Ransford has produced a splendidly lucid commentary on this battle, bringing an old story vividly back to life without losing the feeling of hopeless confusion and ineptitude which the reader experiences with Spion Kop.

John Murray, 30s

## SIR WILLIAM WALLER

"Roundhead General" (John Adair)

Those who fought in the English civil wars would be astonished to discover that the only military figure known to people today is Oliver Cromwell. They would probably ask about "William the Conqueror," Cromwell's commanding officer who suggested the formation of a national army and won the battles of Cheriton, Lansdown, Cropredy Brig and Newbury. As this military biography explains, he was Kentish-born Sir William Waller.

Coming from a wealthy family, Waller travelled extensively abroad, learning to fence in Paris and doing a bit of soldiering in Venice. His only serious activity was against the Cossacks in Germany as a volunteer for the Elector Palatine in the first phase of the Thirty Years War.

Waller did not fancy the life of a professional soldier. He returned

home to marry, receive a knighthood, enjoy his estates and enter Parliament. The war changed his life. Within a year he was a major-general trying to combat the provincialism and lethargy which crippled the parliamentary armies. He soon made a reputation by taking Gloucester, Farnham, Winchester and the Severn Valley. His speed, ability to deceive and manoeuvre encouraged his opponents to call him "the night owl." But his superior, the limited and pedestrian Essex, was jealous of the non-professional who could thrash Prince Maurice and Goring, urge the introduction of dragoons and light field

writer and died two years ago.

Recalled in 1939 he became eventually brigade major to the Special Services Brigade, taking part in the planning and operations of commandos in Norway. Thereafter he was attached to Eisenhower's HQ in North Africa and Patton's in Sicily. By 1944 he was a full colonel in the team planning the amphibious landings in Normandy but when a few months later it became obvious that no further amphibious operations would be launched he was attached to the Ministry of Information for the rest of the war.

For the military reader most of the book's interest will obviously lie in his account of his life while assigned to the American forces. While naturally many Americans were friendly, he also encountered resentment and dislike of the British on the part of some US generals who often regarded themselves as some kind of saviours come to "bail the British out." Undeterred he plunged into his liaison job with the vitriolic General "Blood an' Guts" Patton who once confided to Henriques that "my chief qualifications for generalcy are histrionic." In the end Henriques won the American Silver Star for bravery in the North African landings.

The book is not limited to Henriques's military career; there are sections devoted to his life at Oxford and the years he spent in hospital during the last decade of his life. But whether he is dealing with intrinsically sad or even tragic events he invariably retains his fine sense of humour and underplays the emotional impact of the episode in the traditional British manner.

All in all an easy, readable, intelligent book with quite a lot of new information on the personalities of such men as Mountbatten and Patton. It can heartily be recommended to the general reader.

Secker & Warburg, 50s

CW

## RUSSIAN SPY RINGS

"The Red Orchestra" (Gilles Perrault)

"KLK from PTX... KLK from PTX... KLK from PTX..." On the night of 25-26 June 1941 the operator at the Kranz monitoring station in East Prussia tuned in routinely to listen in to the Norwegian Resistance communicating with London. His object was to record the Norwegian code groups for the code-cracking experts. But on this summer night, with Hitler's war on Russia not three days old, this was an entirely new call sign which was to become a nightmare to Himmler's Gestapo and Admiral Wilhelm Canaris's Abwehr.

In German secret service parlance that call sign was the signature tune of the Red Orchestra, the vast interlinked spy rings which Soviet Russia had established in Western Europe in World War Two. Directed by the redoubtable Leopold Trepper, the orchestra achieved some remarkable intelligence coups.

Like Sorge in Tokyo, Trepper in Western Europe warned Russia that a German invasion was imminent. Sorge was merely told: "We doubt the veracity of your information." Trepper was told that Stalin himself had commented, on his warning: "How could he fail to detect at once that this is merely a crude piece of British provocation?"

Stalin kept to that line even as the German tanks rolled into Russia and as the Luftwaffe smashed the Soviet air force on the ground. As the invasion took place a Soviet major was on the way to Trepper to punish him for the authorship of an earlier "provocation" sent in April 1941 warning that German troops were massing along Soviet frontiers.

Another of Trepper's performances was the discovery of the German V-1 almost a year before it came into service. And there is Admiral Canaris's claim that the Red Orchestra's activities cost Germany at least 200,000 dead on the Eastern Front. Trepper's saga, his return to Moscow and imprisonment under Stalin and his eventual rehabilitation makes one of the great modern spy adventures.

In his research, M Perrault spent two years tracing survivors of the story he wanted to tell. The result is what might be called a non-fiction novel, full of sustained tension, vitality and immediacy, in the "unputdownable" bracket.

Arthur Barker, 55s

JCW

## AT PLATOON LEVEL

"Recollections of Rifleman Bowlby" (Alex Bowlby)

This is the story of a battalion of a rifle regiment. The author does not identify either directly but in his foreword says the battalion was one of the original two in the 7th Armoured Division and goes on to refer to "the 2nd." In his text, to distinguish it from two other rifle battalions with which it was brigaded, he calls it the 3rd.

As mechanised infantry the battalion had an enviable reputation in the desert campaigns. At one stage, with two Royal Horse Artillery batteries, it cut round the rear of the retreating Italians and held up their entire army. The Italian commander-in-chief surrendered to one of its company commanders. When Rommel swept on to the scene it had

## Roundhead General

A Military Biography of Sir William Waller



John Adair

guns and work with the Scots.

Before the war ended Waller realised that Parliament had created a Frankenstein in the New Model Army and he did not hesitate to challenge its power. The result was his arrest in Pride's purge, as a dangerous Presbyterian leader, and three years in prison.

Waller was an attractive figure—he never sought to indoctrinate his troops, nor did he hesitate to spend his own money to keep them in the field—and this comes across clearly in this well-written study. The maps, plates and bibliography are all excellent.

Macdonald, 50s

AWH

## SOLDIER-WRITER

"From a Biography of Myself" (Robert Henriques)

This book, edited by his daughter, deals with several selected episodes from the life of Robert Henriques who served for seven years in the Royal Artillery before World War Two, retired in 1933 to become a

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formed one of the flying columns operating behind enemy lines. At El Alamein it fought brilliantly and, from unprepared positions, withstood a Panzer attack, crippling or destroying 57 enemy tanks.

It was a Regular unit of some 200 peacetime soldiers who had been abroad since 1937. With the fall of Tunisia they expected to be sent home, but were not—and they rioted. Eventually the 1937 Regulars were sent home and the remainder stayed in North Africa until sent to Italy as ordinary infantry.

It was in Alexandria that Rifleman Bowlby joined the battalion, no

longer stiffened by those tough 1937 Regulars whom he had seen invade his training camp in England. But it still had its reputation and a measure of confidence—until it learned the bitter taste of defeat. It lost its first battle and its second. In neither case did it put up the fight expected of it. A reputation which had taken three years to build vanished in the space of a few weeks.

So the battalion's struggle up the leg of Italy became more than a battle against a resourceful enemy. It was also a search for that lost reputation. Rifleman Bowlby writes graphically and with feeling. This

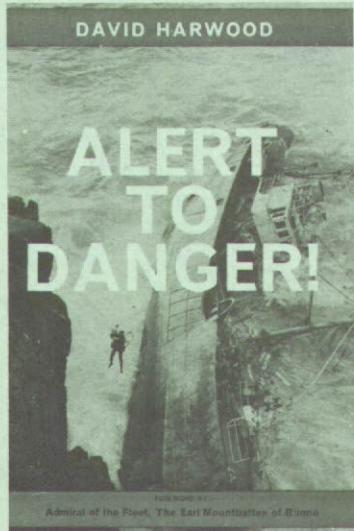
is war at platoon level which, in books, is still a comparative rarity.

With the rifleman we experience all the emotions of war—the panic that reigns when a safe refuge comes under accurate shellfire, the fear that grips a man without faith in his superiors, the sincere sorrow at the death of a respected officer or comrade and, above all, the soldier's humour, four-letter words and all.

By painting such a vivid picture of the infantryman's war, Rifleman Bowlby performs a service for his less articulate comrades—and provides an unforgettable story.

Leo Cooper, 36s

JCW



## IN BRIEF

*"Hertfordshire's Soldiers" (J D Sainsbury)*

When the author began his researches into Hertfordshire's auxiliary military forces he intended to produce only a three-page article but became so fascinated that he persevered. The result, this slim volume, is the first book to show the various volunteer forces in detail at different periods in history. It traces the story from 1757, when the lord lieutenant raised the Militia by ballot, to the modern Territorial Army Volunteers of 1967.

The author manages to disentangle all the complex name changes that have occurred over the years. He uses a chart to show how they have evolved and an appendix on legislation which motivated the changes. Footnotes and source references are very full and helpful and some of the many plates, which show the fantastic range of uniforms, go back as far as 1858.

A worthwhile attempt to cover an often neglected field of military history, this little book may well be the pattern for other county studies.

*Hertfordshire Local History Council, County Library, Paynes Park, Hitchin, Herts, 20s (paperback), 35s (hard back)*

*"Alert to Danger" (David Harwood)*

Twenty-two days wandering in the Malayan jungle is not to be recommended. Take the case of Sergeant Ken McConnell, Army Air Corps, whose Auster crashed on a flight from Ipoh to Kuala Lumpur in 1954. His injuries became infested with maggots, leeches were an everyday occurrence and red ants attacked him whenever, exhausted, he rested. After his food ran out he lost three pounds a day in weight and when found by aborigines he had lost 50lbs.

His story is told in "Missing—



Presumed Dead," one of the inspiring chapters in this little book which pays tribute to men and women who defy danger to save others or who fight for survival against the forces of nature.

In a foreword, Earl Mountbatten of Burma writes: "These true stories of courage and endeavour are an example to us all. They also show how wise it is to be prepared."

Bell, 18s 6d

*"Introduction to Battle Gaming" (Terence Wise)*

How would you manoeuvre elephants against chariots or foil an enemy bringing up battering rams and siege towers? Whether it's war engines, infantry, cavalry or armour, this valuable little book will give you plenty of guidance.

A master of his subject, Mr Wise describes the many facets of his fascinating hobby with infectious enthusiasm. In quite simple terms he teaches the newcomer—and the old hand, too—how to re-fight classic battles and gives extremely useful advice on the construction of models and components as well as on military book publishers and firms producing models and kits.

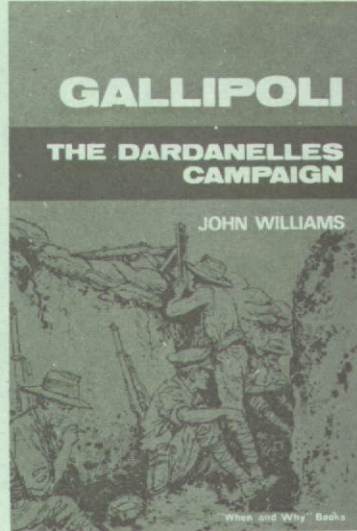
*Model & Allied Publications Ltd, 13/35 Bridge Street, Hemel Hempstead, Herts, 21s*

*"The Field of Waterloo" (Aubrey Feist)*

The "When and Why Books" are specifically designed for very young readers. In 80 pages a familiar event is analysed for cause and effect and the story told with line drawings.

Waterloo is the theme here but it takes the author almost half the book just to set the scene. It certainly seems unnecessary to begin as far back as 1792.

The highlights of the battle are well known—the united efforts of the British, Germans and Dutch-Belgians to stop the French advance on Brussels, the fierce preliminaries



at Quatre Bras and the savage fighting at Hougomont and La Haye Sainte. Despite strenuous assaults neither the French cavalry nor the heroic Imperial Guard could breach the squares. Europe was saved—at a cost of 45,000 men.

Lutterworth Press, 15s

*"Gallipoli: The Dardanelles Campaign" (John Williams)*

It is unusual to come across such a clear account of the Dardanelles campaign in such a small book.

It is all there—the brilliant idea to smash the Turks and at the same time help the Russians, the reluctance to press home naval attacks in the face of heavy losses and the strange mid-stream decision to switch to troops. But the bleak, rocky peninsula, combined with massive fortifications, tough enemy resistance, intense heat, disease and drought were too much. At a cost of 205,000 casualties the British were left with only a handful of names as bitter mementoes.

A fine little volume for youngsters, in the "When and Why Books" series, with lots of good illustrations.

Lutterworth Press, 15s

*"Small Arms Ammunition, 1944"*

Weapon collectors and students of small arms will welcome this slim, 50 page volume. Its material originally appeared in "Text Book of Ammunition, Pamphlet No 5, Small Arms Ammunition, 1944," which was published in February 1944 on restricted circulation. This new edition is published by permission of HMSO. Photographs and captions are new to this edition and were supplied by Master Gunner I V M Hogg.

The booklet deals with the design, components and types of ammunition, proof and inspection, individual types and calibres, markings and packings.

Arms & Armour Press, 21s

# Books and news from home



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