

DECEMBER 1972 ★ 7½p

SOLDIER





The 132mph BMW 3.0Si. When it's a matter of power.

Power not for its own sake, but for what it can achieve.

For those with a natural regard for power look beyond the prestige of ownership and appreciate a BMW for its true value.

The BMW 3.0Si provides opportunities to overtake confidently when others must cautiously hold back. Its 220 brakehorsepower engine retains latent reserves: in hazardous situations Apollo-like acceleration is readily on hand to speed you clear.

The chance to cruise effortlessly at the maximum speed all day holds exciting possibilities. Cross France in less than 12 hours. From Boulogne to Nice between dawn and dusk now comes well

within your scope. The BMW 3.0Si has electronic fuel injection precisely-metered by its own compact computer.

This well-heeled three-litre knows the value of wide 6J radials; controls that respond instantly to your will; safety and comfort that are integral parts of the engineering. While heated rear window, dual circuit braking, fitted headrests all-round and laminated windscreen can also be taken for granted.

Unlike some luxury three-litres, the BMW 3.0Si isn't an extravagant decoration. It's a powerful Sports Saloon that earns its keep in the nuclear power age.

To: BMW Concessionaires GB Ltd., Export Division, 56, Park Lane, London, W.1. Tel: 01-499 6881

Please send me details of the BMW range, my special privileges and the name of my BMW Great Britain representative for British Forces in Germany.

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I am serving abroad

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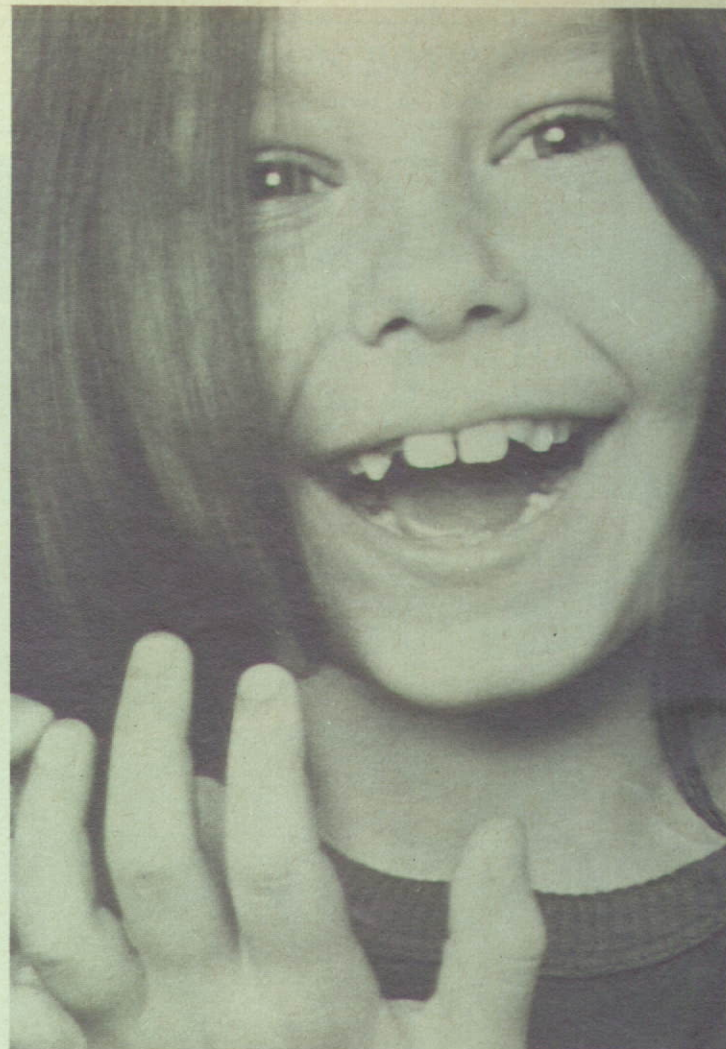
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"Nice to be back in uniform."

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Here's power. Here's luxury. Here's a zesty, zingy performer with a great new sporty personality.

The new Viva 2300 with a new twin-carb, overhead camshaft power unit that develops 122 bhp at 5500 rpm.

Here's power in profusion. Acceleration power. Uphill power. Overtaking power...and the low-down torque makes this a very flexible 'top gear unit' in traffic.

Matching the power of the new Viva 2300 is a beefed-up mechanical specification including front and rear anti-roll bars, heavy duty clutch, gearbox and back axle. As well as powerful disc/drum servo brakes.

And you can have the new Viva 2300 as a 2-door or 4-door saloon. Or an estate.

New Viva 2300 combines high sporty performance with luxury and style. And it is safety designed with the family in mind.

Options include GM Automatic transmission, individual reclining front seats, 'sports' steering wheel and 7 dial instrumentation, Rostyle wheels, heated rear window and (on SL saloons only) a distinctive vinyl roof.

There's a New Viva 1800 Too!

Let the figures speak for themselves. Gross power: 90 bhp at 5500 rpm. Gross torque: 104 lb./ft. at 3000 rpm. Overhead camshaft with 5 main-bearing crankshaft.

Which all means the new Viva 1800 is a real performer with great

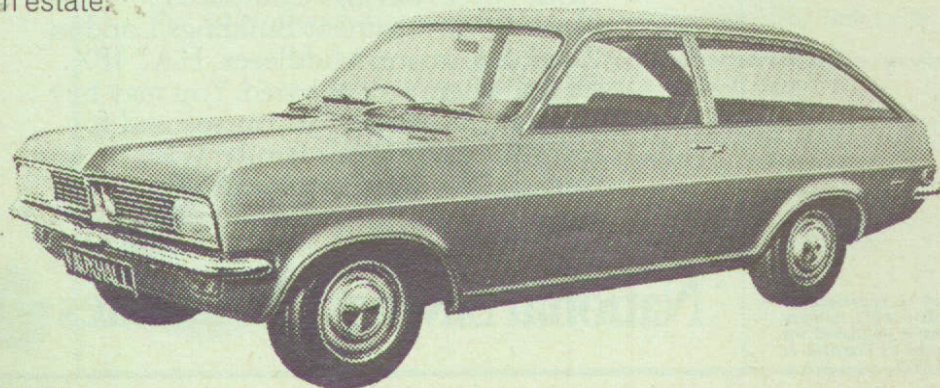
flexibility and pulling power throughout the speed range.

New Viva 1800 2 or 4-door saloons and estates, all in de luxe and SL versions.

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Viva 1256	Viva 1800 De Luxe
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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 1973

- 4 Newark Show (band) (4-5 May).
- 14 Brentwood Carnival, Essex (band).
- 16 Kneller Hall band concert.
- 16 West Midland Agricultural Show, Shrewsbury (band) (16-17 May).
- 16 Focus on Manchester 73 (band).
- 19 First rehearsal, Trooping the Colour, Horse Guards Parade, London.
- 19 Tulip Festival, Birmingham (band, Blue Eagles helicopter display team, White Helmets motorcycle display team).
- 23 Kneller Hall band concert.
- 25 Lord Mayor's Procession, Birmingham (bands).
- 26 Tidworth Tattoo (26-28 May).
- 26 Second (dress) rehearsal, Trooping the Colour, Horse Guards Parade, London.
- 26 Watford Carnival (band).
- 28 Wells Moat Race and Youth Fellowship (band).
- 30 Kneller Hall grand (band) concert.
- 30 Suffolk County Show (bands) (30-31 May).

JUNE 1973

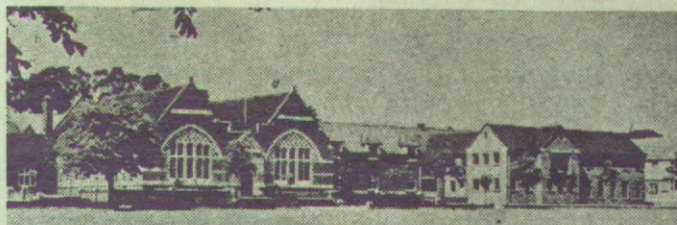
- 1 Manchester Services Display (bands, Blue Eagles, White Helmets, Red Devils freefall team) (1-3 June).
- 1 Impel 73 Doncaster Civic Week (bands) (1-9 June).
- 2 Trooping the Colour, Horse Guards Parade, London.
- 2 Stevenage Day (band).
- 2 Beating Retreat, Edinburgh Castle.
- 6 Kneller Hall band concert.
- 8 Chasewater Festival (bands) (8-9 June).
- 9 Catterick Army Display (9-10 June).
- 9 Glasgow Military Display (bands, Blue Eagles, White Helmets) (9-16 June).
- 9 Birkenhead Army Display (Red Devils) (9-10 June).
- 12 Monarchy 1000, Bath (bands) (12-16 June).
- 13 Kneller Hall band concert.
- 14 Installation of Governor, Edinburgh Castle.
- 14 Beating Retreat, Chelmsford.
- 14 Coventry Carnival (band, Red Devils, RA motorcycle display team) (14-16 June).
- 15 Essex County Show (band) (15-16 June).
- 16 Open Day, Depot The Queen's Division, Basingbourn Barracks, Royston, Herts.
- 16 Cadet Forces Tattoo, Swindon.
- 16 Wrexham Garden City Fete (Red Devils).
- 17 Welsh 3000s (17-18 June).
- 20 Kneller Hall band concert.
- 22 Edinburgh Air Show (bands, Blue Eagles) (22-24 June).
- 23 Aldershot Army Display (23-24 June).
- 23 Pontypridd Chamber of Trade Fete (RA motorcycle team) (Provisional). Freedom of Aldershot, Royal Army Medical Corps.
- 27 Kneller Hall grand (band) concert.
- 27 Royal Norfolk Show (band) (27-28 June).
- 30 Hucclecote Fete, Gloucester (band, arena display).
- 30 Open Day, Army Apprentices College, Harrogate (band).
- 30 Tamworth Carnival (band, Red Devils, White Helmets).

JULY 1973

- 4 Kneller Hall band concert.
- 7 Military Musical Pageant, Wembley Stadium (in aid of Army Benevolent Fund).

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A boarding school for boys 12 to 18 years. Stands in fifty acres of land. It has a very high proportion of sons of servicemen and is particularly sympathetic to their educational needs. Courses to 'O' and 'A' level. Fees allied to Service Education Allowance. Wide range of sports facilities and heated swimming pool.

Full details may be obtained by writing to The Head Master, The Gordon Boys' School, West End, Woking, Surrey.

St. Andrew's School

Girls' Independent Day and



MALTON, YORKSHIRE.

Boarding School (Recognised)

The School is situated on the outskirts of Malton, within easy reach of the open country, and of Scarborough, York and Leeds. The School is in spacious grounds, with new Laboratory, Domestic Science Department and good sports facilities. Main School 11-18 years, prepares girls for 'O' and 'A' level G.C.E. and University Entrance. Preparatory Department 4-11 years, Day Boys 4-8½ years. Girl Boarders from 7 years of age.

Morcott Hall

Boarding School for Girls



The School is fully Recognised as Efficient by the Department of Education and Science. Boarders are accepted aged 7 to 18 years. There are four separate Boarding Houses arranged according to age. There is a separate Junior School for girls aged 7 to 11 years, and in the Senior School full courses are available for G.C.E. 'O' Level and 'A' Level Examinations. Fees allied to Forces Grants. Apply—The Secretary Morcott Hall School Nr. Uppingham Rutland.

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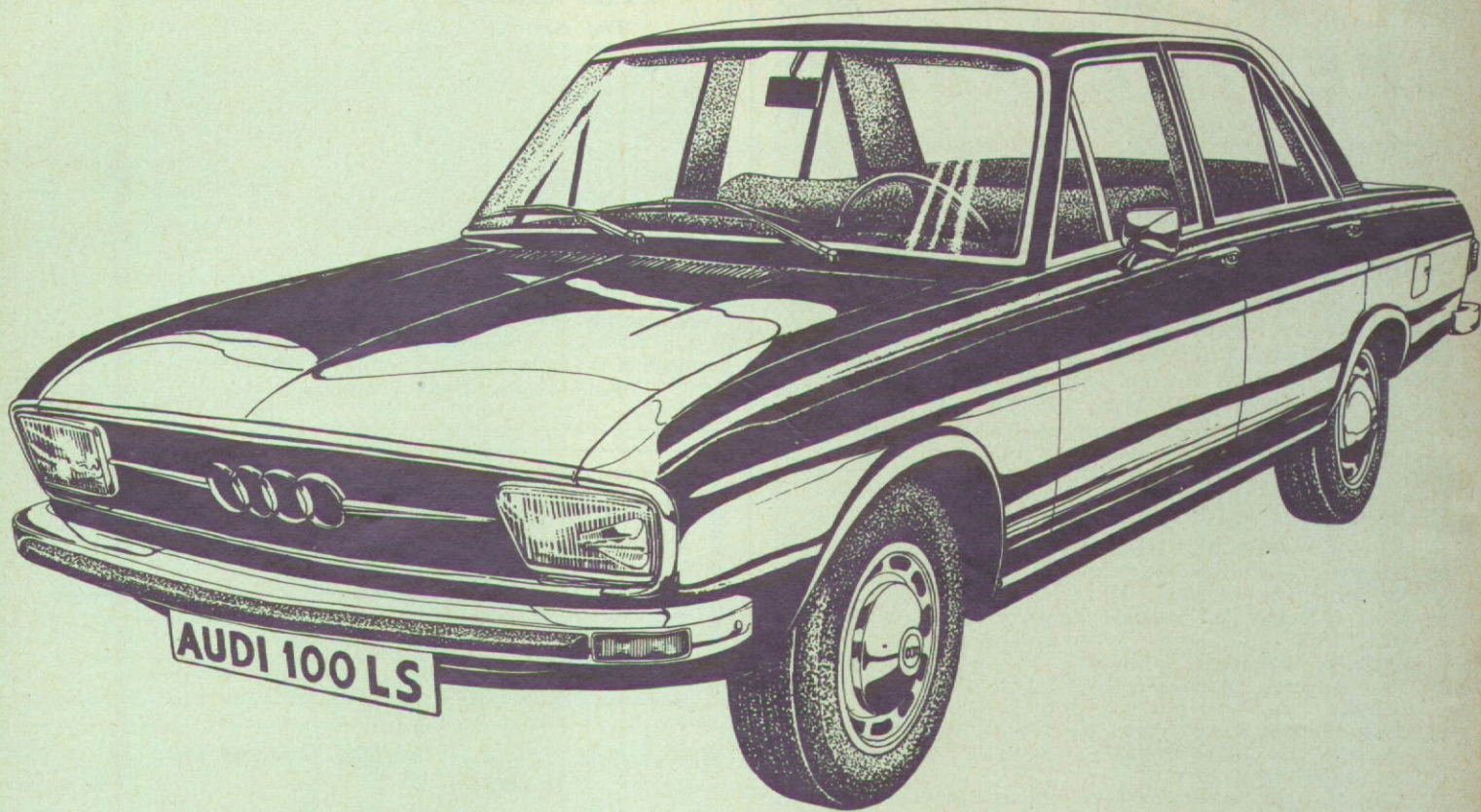
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Write for a prospectus to: The Headmaster, Quantock School, Over Stowey, Bridgwater, Somerset, U.K. Tels: Nether Stowey 252 and 423.



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DIARY

continued

- 7 Newport, Mon, Carnival (RA motorcyclists) (7-8 July).
- 7 Exeter Air Day (Blue Eagles).
- 10 Great Yorkshire Show, Harrogate (band) (10-12 July).
- 11 Kneller Hall band concert.
- 11 Royal Tournament (11-28 July).
- 13 Cheltenham Tattoo (13-14 July).
- 13 Pudsey Show, Leeds (band) (13-14 July).
- 14 Artillery Day, Larkhill.
- 14 Plymouth Air Show (band).
- 14 Weston-super-Mare Dairy Festival (bands) (14-21 July).
- 14 Open Day, 38 Engineer Regiment, Ripon.
- 14 Calne Carnival (band, arena display).
- 14 Welwyn Garden City Carnival (band).
- 17 East of England Show (bands) (17-18 July).
- 18 Kneller Hall grand (band) concert.
- 19 Liverpool Show (bands, RA motorcyclists, Red Devils (19-21 July).
- 20 Teesside Show (band) (20-23 July).
- 21 Stroud Show (band).
- 22 Corby Highland Show (band).
- 26 Manchester Flower Show (band, Red Devils, White Helmets) (26-28 July).
- 26 St Helens Show (band, Red Devils, RA motorcyclists) (26-28 July).
- 27 Northampton Show (band) (27-28 July).
- 28 Army Air Day, Middle Wallop.
- 29 Gloucester Carnival (band) (29 July-10 August).
- 30 Tyneside Summer Exhibition (bands) (30 July-5 August).
- 30 Open Day, RAC Centre, Bovington.
- 31 Royal Lancashire Show (band, Red Devils) (31 July-2 August).

AUGUST 1973

- 1 Colchester Searchlight Tattoo (1-4 August).
- 1 Rutland County Show (band).
- 2 Hull Show (band) (2-4 August).
- 3 Cardiff Searchlight Tattoo (3-11 August).
- 7 Bingley Show (band) (7-8 August).
- 9 Darlington Army Week (band) (9-19 August).
- 15 Kneller Hall band concert.
- 17 Edinburgh Tattoo (17 August-8 September).
- 18 Crewe Carnival (band) (18-19 August).
- 18 Pontypool Carnival (Red Devils).
- 19 Hartlepool Show (band).
- 22 Kneller Hall band concert.
- 23 Southport Flower Show (band, Blue Eagles, Red Devils) (23-26 August).
- 24 Bebington Carnival, Wirral (band, Red Devils) (24-26 August).
- 24 Leeds Gala (band) (24-27 August).
- 26 Aylsham Show (band).
- 27 Swansea Carnival (Red Devils).
- 29 Kneller Hall grand (band) concert.
- 29 Sheffield Show (band) (29 August-1 September).
- 31 Keighley Show (band) (31 August- 1 September).

SEPTEMBER 1973

- 2 Hinckley Steam Fair (band).
- 5 Kneller Hall band concert.
- 7 Blackburn Army Display (7-9 September).
- 10 DLI Festival, Co Durham (10-12 September).
- 12 Kneller Hall grand (band) final concert.
- 12 Cambrian March (12-16 September).
- 13 Kendal Gathering (band) (13-15 September).
- 15 Welwyn Garden City Water Festival (band).
- 28 City of Leicester Show (band).

NOVEMBER 1973

- 4 Berlin Tattoo (4-6 November).
- 10 Festival of Remembrance, Bristol.
- 11 Remembrance Day Parade, Bristol (band).

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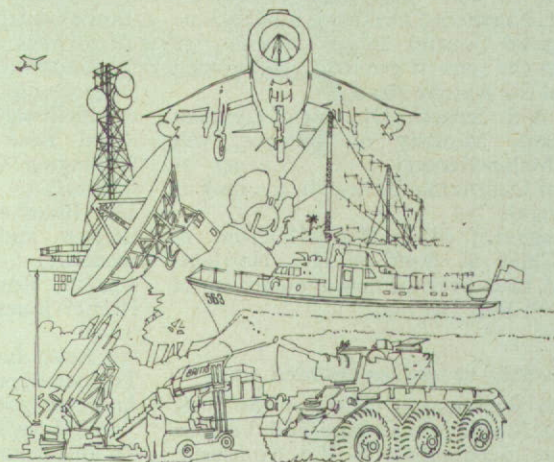
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Appointments and cadetships

The Ministry of Defence has announced the following appointments, to be effective in January 1973:

Lieutenant-General Sir William Jackson, GOC-in-C Northern Command, is to become Quartermaster-General at the Ministry of Defence in the rank of general, in succession to General Sir Antony Read.

Brigadier A R Cornock, Director of Clothing Procurement, Ministry of Defence, will succeed Major-General J W Younger as Director of Quartering (Army), in the rank of major-general.

Major-General J M D Ward-Harrison, at present Chief of Staff at HQ Northern Command, takes over the new appointment of GOC North East District.



Army university cadetships awarded are:

The Royal Regiment of Fusiliers: M C K Broughton, Wellington College and London Polytechnic (geography); N P J Muirhead, Marlborough College and Stirling (history).

The Argyll and Sutherland Highlanders: C A Campbell, Ampleforth College and Reading (estate management).

The Royal Green Jackets: J M P Durcan, Downside School and Durham (politics, law and economics).

The Royal Regiment of Wales: M C C

Griffin, Blundell's School and Bristol (electrical engineering).

Queen's Own Highlanders: R W A H Jenkins, Eton College and Edinburgh (politics).

The Royal Anglian Regiment: N J Richardson, Dauntsey's and Southampton (law).

The Royal Scots: W P Sylvester, Morrison's Academy and Durham (law/politics and ancient history).

The Black Watch: A A L Watson, Wellington College and Oxford (history).

Grenadier Guards: J P Hargreaves, Eton College and Durham (engineering science); S G H Jefferson, Ampleforth College and Cambridge (archaeology and anthropology); E M W Sewell, Harrow School and Reading (estate management).

The Parachute Regiment: R H Gash, Peter Symonds and Loughborough (social science). Brigade of Gurkhas: J E B Townsend, Bradfield and Cambridge (theology).

Royal Tank Regiment: T B J Coombe, Wellington College and Sheffield (material sciences).

The Blues and Royals: C A Coriat, Eton College and Cambridge (economics/land economy).

4th/7th Royal Dragoon Guards: M F Hunter-Jones, Eton College and Oxford (law).

5th Royal Inniskilling Dragoon Guards: E J Torrens-Spence, Wellington College and St Andrews (zoology).

The Queen's Own Hussars: S C Rodwell, Culford School and Durham (general science).

Royal Artillery: C N Dickinson, Malvern and York (social science); G R Kalbraier, Ipswich and Royal Military College of Science (engineering); D W Lewthwaite, Bristol Grammar School and Royal Military College of Science (engineering); T H P Taylor, Bristol Grammar School and Manchester (Latin and ancient history).

Royal Engineers: L W Chapman, Caterham School and London (chemical engineering); J P Crowden, Haileybury and Bristol (civil engineering); R M C Harrison, Winchester College and Royal Military College of Science (civil engineering); I P McEvoy, Ratcliffe College and London (civil engineering); K H Montgomery, Dollar Academy and Edinburgh (civil engineering); A T Morgan, King's College School and Cambridge (civil engineering); D A M Park, Welbeck College and Aberdeen (engineering); J G Talbot, Gresham's School and Cambridge (engineering).

Royal Electrical and Mechanical Engineers: A W Brown, Leeds Grammar School and Newcastle (mechanical engineering); P C Cort, Bolton School and Lanchester Polytechnic (production engineering); T N Tyler, Worth School and Cambridge (mechanical engineering).

Royal Army Ordnance Corps: A J Dines, The King's School and Bristol (law).

Royal Corps of Transport: S R Talbot, Wrekin College and Portsmouth Polytechnic (economics).

Royal Corps of Signals: R A Holland-Smith, Bedstone and Manchester (management science); C L Le Gallais, Sherborne School and Royal Military College of Science (engineering).

Royal Army Educational Corps: T A Freeman, Alleyn's and Oxford (modern languages and certificate of education); W J Tustin, Kettering Grammar School and Birmingham (philosophy).

Intelligence Corps: D A Thomson, Aberdeen Grammar School and Aberdeen (economic science).

Successful candidates for Army university cadetships do three weeks' military training and then complete their degree course at a university. While at university they are probationary officers and receive £1201 a year with tuition fees paid by the Army.

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*Something
to look
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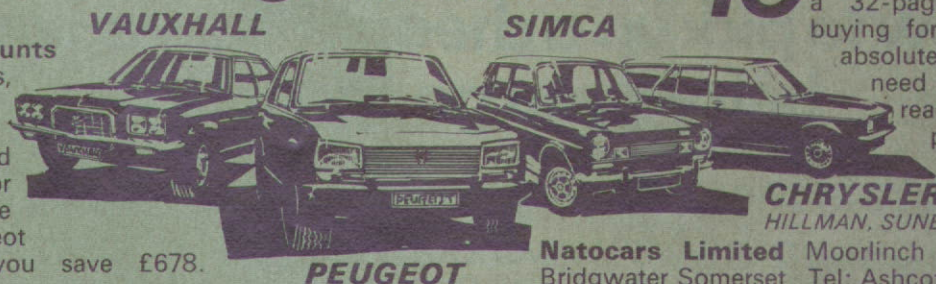
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SOLDIER to Soldier

As announced in the last-minute insert to the October SOLDIER, the proposed increase in the magazine's price has been deferred. When this decision was made, as the result of Government moves to halt price increases, the November issue had already gone to press. The inside back page of the November SOLDIER—"Your Christmas shopping list"—listed new increased subscription rates. These now remain for the time being at the present figures: UK/BFPO—£1.05 one year, £2.00 two years and £2.88 three years; elsewhere—£1.38 one year, £2.51 two years and £3.57 three years.

To the list of regimental drum ice buckets on the same page can now be added: Royal Irish Rangers, 7th Duke of Edinburgh's Own Gurkha Rifles, King's Own Scottish Borderers, Royal Electrical and Mechanical Engineers, Royal Jersey Infantry, Royal Guernsey Militia. The Army Catering Corps drum is in fact that of the corps' Army Apprentices College.

Ice bucket designs in course of production are: Royal Anglian Regiment, Queen's Own Cameron Highlanders, Seaforth Highlanders.

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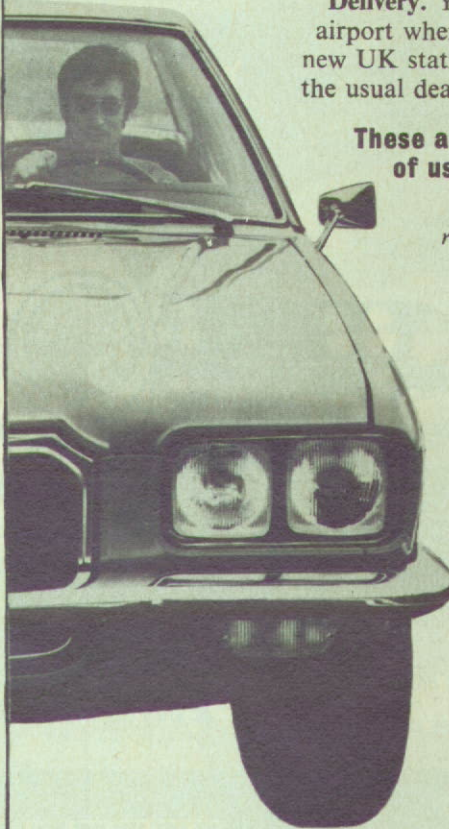
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S3

Doves look forward.... to serving you

Greetings, one and all

On the tenth day of Christmas my true love sent to me

Ten corporals sleeping,
Nine privates sweeping,
Eight men a-marching,
Seven sar'nts a-shouting,
Six squads a-drilling,
Five stable belts;
Four fillet steaks,
Three French beans,
Two turtle soups,
And a cartridge for shells HE.

We send our Christmas greetings to every SOLDIER reader,
To Army bandsmen playing the "Grand March" from "Aiader,"
To private, corporal, sergeant, lieutenant, brigadier,
To sappers building bridges, to drivers changing gear,
To Scots Dragoon Guards pipers, renowned for "Amazing Grace,"
To soldiers at the "sharp end"—and the soldiers back at base.

To all the Army sportsmen—the w^an^de^riⁿg o^ri^en^te^rs,

The f^re^ef^al^l parachutists, the s^al^lo^m and d^owⁿhⁱl^l skeers,

Far hurlers of javelin, devotees of squash,
Land sailors at Larkhill and yachtsmen awuash
Putters of shot, throwers of fist,
Pushers of pedals and all whom we've mist.

And a greeting too to much-respected Gurkhas,
To Army firemen everywhere and all civilian wurkhas,
To Gentlemen-at-Arms and Yeomen of the Guard,
To pioneer sergeants "bearded like the puard,"
To Military Knights of Windsor and Warders of the Tower,
To keen-eyed outpost sentries watching hower by hower.

Here's to recruit selection centres,
Military modellers, gadget inventres,
To rally enthusiasts, SSAFA and Naafi,
To freemen of cities, to Paddy and Taafi.
Here's to busy sappers serving in Gibraltar,
Here's to British soldiers back again in Maltar.

In Catterick, in Colchester, or scrambling up Skiddaw,
In Northern Ireland, Germany, far Suffield, Singapaw,
In Aldershot or MoD, on drill square, numbered, dressed—
Wherever Christmas finds you, we wish you all the blessed.

PNW



"England is invaded..."

AND RESERVE ARMY SOLDIERS



Above: Regimental sergeant-major of Military Police checks vehicle documents at Rushmoor.
PAGE 14

ENGLAND is invaded. Enemy troops are thrusting towards London from the West Country and a division is deployed to halt them on Salisbury Plain. Exercise Joint Response swings into operation to provide logistic support.

Against this setting, simulating the development of the United Kingdom Mobile Force in a NATO defence role, more than 2000 men, the majority from the Territorial Army Volunteer Reserve, spent a fortnight setting up a rear maintenance area from which convoys of material were despatched by road to a divisional maintenance area to the rear of a number of smaller distribution points to resupply the mobile force in the field.

Supplies of ammunition, food, clothing, fuel and engineer stores were in fact recycled by "neutral" transport back to the rear maintenance area. But the point was proved that thousands of tons of supplies could be sent smoothly and efficiently some 60 miles up the line to keep troops going at a front.

It was not simply a question of loading, transporting and unloading goods. Under simulated battle conditions the logistic support force in the rear was deployed under canvas in pockets spread over the Aldershot area. Rushmoor Arena became a closely guarded base for the logistic support force headquarters and some units; other units were in or around Regular Army camps. Tight security and heavy camouflage protected the operation from prying "enemy" eyes.

Up the line at the divisional maintenance area the same scrim-netting cloak of secrecy covered the area on Salisbury Plain from where carefully calculated demands for supplies were radioed back to the rear to test the efficiency of the troops involved.

Royal Air Force Phantom jets flew sorties over the area simulating low-level attack and reconnaissance. Aerial photographs were taken to probe for chinks in the camouflage armour. One photograph showed an innocent-looking copse, apparently deserted. But in the corner of a field nearby a white blob betrayed an upturned face. The beret atop the face was light in colour and skilled analysts decided it belonged to a member of the Army Air Corps. Probably a helicopter pilot... probably on hand to fly a senior officer... probably the officer was at a hidden headquarters in the copse. Despite all the careful camouflaging, one upturned face could have spelled disaster.

Airborne operations were introduced into the exercise with Puma helicopters keeping supplies flowing after an imaginary airborne assault had cut roads.

A complication was added to the operation by all supplies having to be moved under cover of darkness. Empty convoys had to be hidden before daylight gave them away. At first the race against time strained the efficiency of the supply route but, as

the defenders need logistic support..."

KEEP THE SUPPLIES MOVING



Above: Spreading trees shield the loading of mines on to the waiting ten-ton lorries.



Right: Rows of jerricans being filled by men of HQ 10 Ordnance Support Battalion.

Below: Clouds of dust arise with helicopter arrivals and take-offs on the Ash ranges.





Above: A REME mechanic carries out a quick changeover of the oil seal on a Land-Rover.



Above left: A camouflaged helicopter stands in the grounds of the famous Rushmoor Arena.

Left: Just watch the sparks fly as a REME soldier does some cutting in the field.



Below: Geoffrey Johnson Smith, then Under-Secretary of State for Defence for the Army, has a word with reservists on the exercise.

EXERCISE JOINT RESPONSE *continued*

the days passed, the troops quickly adapted to the strictures imposed on them and their operations reached a peak with 1650 tons of material shifted in one day alone.

At the United Kingdom Mobile Force headquarters on Salisbury Plain there was an air of quiet satisfaction as the last loads reached their destination. The success of Joint Response was most remarkable for the fact that the bulk of the troops in the logistic support force had come together from every corner of the British Isles for one of the few occasions they meet during the year. They were men of the Territorial Army Volunteer Reserve spending their annual 15-day camp on the exercise.

Regular units—34 Field Squadron, Royal Engineers; 47 Air Despatch Squadron, Royal Corps of Transport; 518 Company, Royal Pioneer Corps, and elements of HQ 10 Ordnance Support Battalion, Royal Army Ordnance Corps—were involved. But Volunteer units, including ordnance, transport, engineering and provost, bore the brunt of the exercise.

Many were working on tasks completely different from their everyday jobs. An example was 55 Signal Squadron, made up of elements from Wales and Liverpool. With help at key points from Regular signalmen, communications at the rear maintenance area were in their hands. One of their duties was to set up a 70-line telephone exchange involving the laying of some 30 miles of cable. They included miners, clerks, salesmen, dockers and car workers as well as a handful of telecommunications workers.

Specialised tasks such as that of 202 Postal Courier Communications Unit were operated mainly by experts. Camouflaged under trees, a fully operational field post office handled private and official services demanded of any civilian post office. On its best day the tented office handled £100-worth of business.

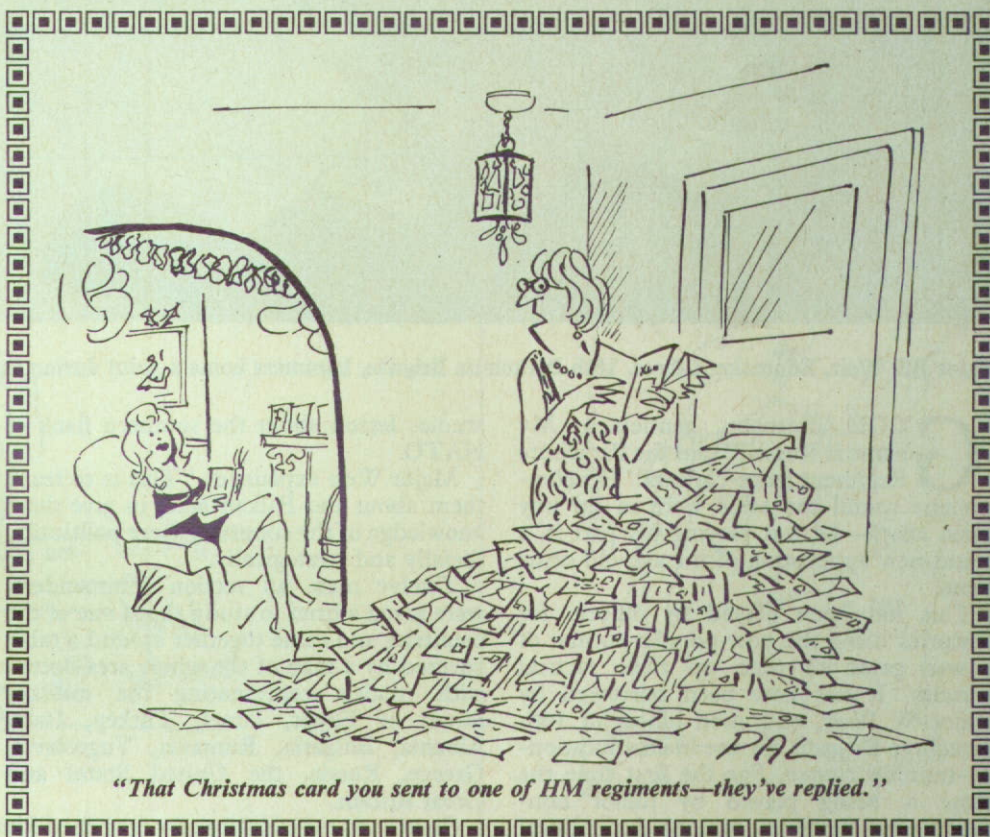
The Volunteers enjoyed the opportunity to put their training into practice and see results. A senior non-commissioned officer of 198 Engineer Park Squadron said during a lull in the despatch of engineer stores, "This is more or less a holiday for us. It's a change. I'm stuck in an office all day normally and so are many of the others."

The administrative problems involved in bringing together such a widespread support force are daunting. Units drew members from as far away as Scotland, Northern Ireland and the Channel Islands. One missed train might mean a vital member of a section failing to arrive on time and holding up the whole unit. But as Major M Murphy, commanding 262 Squadron, Royal Corps of Transport (Volunteers), remarked: "The extraordinary thing is that it works, and the advantage of getting men from all over the place is that you have the whole country to choose from to pick the best men."

The following Territorial Army Volunteer Reserve units took part in Exercise Joint Response—Royal Signals: 55 Signal Squadron. Royal Engineers: 198 Engineer Park Squadron, 202 Postal Courier Communication Unit. Royal Corps of Transport: HQ 160 Regiment, 261 Squadron, 262 Squadron, 263 Squadron. Royal Army Medical Corps: 312 Field Hygiene Platoon. Royal Army Ordnance Corps: Elements of HQ 10 Ordnance Support Battalion, HQ 47 Company, HQ 45 Company, HQ 46 Company. Royal Electrical and Mechanical Engineers; HQ Royal Electrical and Mechanical Engineers Force Troops, 119 Independent Light Recovery Unit, 201 Force Troops Workshop. Royal Military Police: Port Task Force Provost Company. Royal Pioneer Corps: 68 Company.



Left: Perched on an officer's shoulder is a tame grey squirrel befriending troops temporarily invading his territory at Ash.



"That Christmas card you sent to one of HM regiments—they've replied."

"... My name is Russia"

Story by Mike Starke/Pictures by Martin Adam



Major Bill Weir, Education Officer, 16th Parachute Brigade, hammers home a point during the crisis game. "It's not a stupid game," he says.

"GOOD afternoon, gentlemen. My name is Russia," said the Parachute Regiment lance-corporal. His companions round the table were in no way taken aback—he was playing his part in a brand-new application of the age-old crisis game.

This has been played by officers for centuries using the now-popular format of a war game to tone up their tactical muscles. It has now been borrowed by Major W Weir, education officer of 16th Parachute Brigade, for use in an education-for-training course. For the first time the game is being played by junior non-commissioned officers, as a one-day political

studies lesson about the southern flank of NATO.

Major Weir explained: "This is to teach them about the Balkan area, to give them knowledge of the countries there politically, socially and strategically."

Twelve men, all section commanders, were given a brief to study about one of the countries and came together around a table covered by a map of the whole area dotted with models representing the military forces of Egypt, Israel, Turkey, Italy, Albania, Bulgaria, Rumania, Yugoslavia, Greece, Russia, the United States and Great Britain.

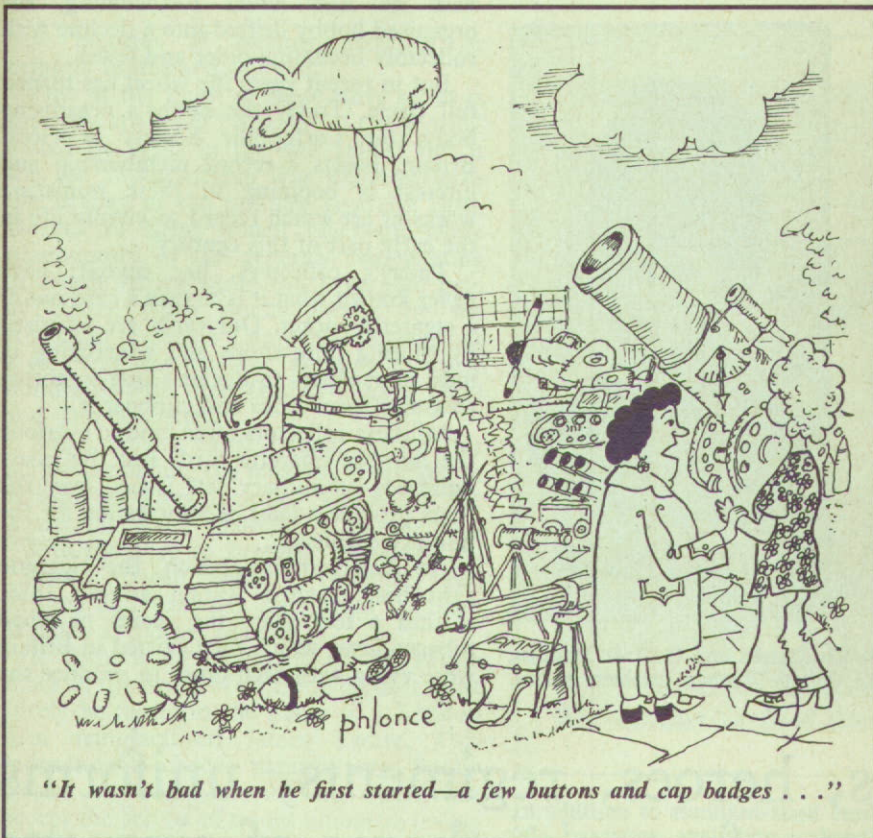
Once each man had briefly described his

country, Major Weir threw in "crises" such as invasions and insurrections to let the players discuss reactions based on what they had learned about the nations involved in an area they might, in reality, be called upon to defend in time of war.

Major Weir told them: "This may look like a stupid game, but we're training for war. This is our business and this exercise gives us background briefing and orientation as professional soldiers."

There was general agreement with one section commander who said: "I've found this valuable because if I ever go to one of these countries I'll know a bit about it."

HUMOUR





GENERAL R.H. THE DUKE OF CONNAUGHT.



EMPEROR OF GERMANY.



Volunteer Officer's Decoration

Left: Duke of Connaught from Gallaher's South African series, the Kaiser from Adkin's "Portraits" (centre) and a card from the Taddy series "British Medals and Ribbons."



SALMON & GLUCKSTEIN LTD



General Lord Kitchener.



BUGLER DUNN,
Dublin Fusiliers.

Two views of Lord Kitchener from tobacco rivals Salmon & Gluckstein and Godfrey Phillips, and (right) a portrayal of boy hero, Bugler Dunn, from the Cohen Weehen celebrity series.

The Army—its leaders, heroes, regiments, uniforms and badges—was always a favourite theme of cigarette cards. Once they were avidly collected by every schoolboy but in 1939 they disappeared, never to return. Today the hobby of cartophily is enjoying a well-deserved boom.

"Got a fag-card, mister?"

BETWEEN the wars it was every small boy's hobby. But when war broke out in 1939, like so many things the cigarette card disappeared—sacrificed to conserve paper stocks for the war effort.

When peace came, collectors eagerly awaited the return of cigarette cards. But it was not to be . . . cards were never issued again and clearly the tobacco manufacturers had reached an agreement. After a while, with no new issues forthcoming, the organised hobby drifted into a decline with collectors becoming older and fewer.

But in recent years the wheel has turned full circle. Today the hobby's organising body, the Cartophilic Society of Great Britain, boasts a record membership and interest is booming in these miniature works of art which record so vividly life in the early part of this century.

Today's collectors, like myself, have never known what it is to take a card out of a cigarette packet. Our cards are acquired by touring junk shops and advertising in local newspapers to unearth long-forgotten treasures from attics and cupboards.

Militaria collectors often tend to overlook the humble cigarette card. But the many hundreds of military sets issued over the years provide a feast of information for the military enthusiast.

An American innovation, the cigarette card first reached Britain around 1885. Within a few years the scores of small tobacco firms which then existed in Britain were vying with each other to produce the



DUTY AND HONOUR BID US PART



BLACK CAT
CIGARETTES

PIANO FINISHING
TUNING & TOUCHING



"TO ARMS"
GRENADIER CIGARETTES
W & F. Faulkner Ltd, London, S.E.

Left: The bugle calls—via the European War series issued by Taylor's of Dublin. Centre: Carreras' "Women on War Work." Right: One of the comic series issued by Faulkner over 70 years ago.

best pictures of bosomy actresses or brightly uniformed soldiers.

One of the finest of these early series is the 100-card set of "Soldiers of the World" issued by Wills in the late 1890s. But it was the South African War which brought the heyday of the military cigarette card. Dozens of firms issued black-and-white photographs of the generals campaigning in South Africa while the Liverpool firm of Ogden (then briefly owned by the American Tobacco Company) pushed out a series of war pictures, running to many hundreds, with their famous Guinea Gold and Tab cigarettes.

Some of the cards issued during this period are among the most highly prized in cartophily. They include "Heroes of the Transvaal War" (Salmon & Gluckstein), "With the Flag to Pretoria" (Goodbody), "South African Series" (Gallaher) and "Home and Colonial Regiments" (Cohen Weehen and other issuers).

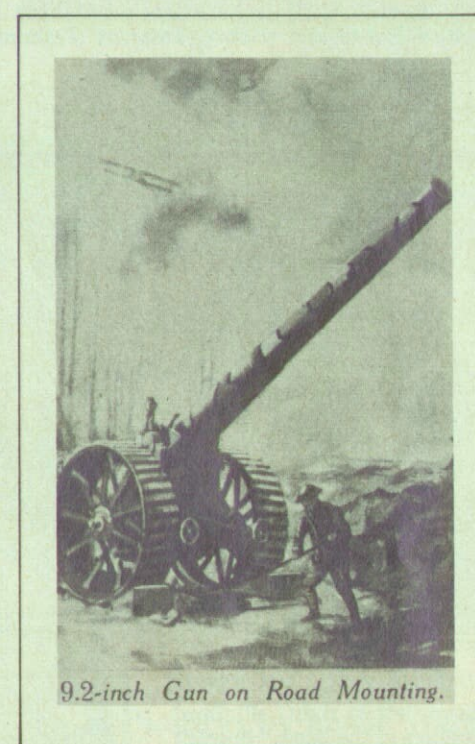
If there is an equivalent to the Penny Black in the world of cigarette cards it must surely be found in the issues of a London firm manufacturer, James Taddy. This independent tobacco manufacturer finally closed his doors because he would not accept the arrival of trades unionism on his premises. But during the early years of this century he issued a fine selection of military cards.

They included Territorial regiments, four sets of medals, Boer leaders and six sets of Victoria Cross heroes, consisting of 120 cards. With the 200 Victoria Cross cards issued by Gallaher during World War One these provide a remarkable gallery of the brave men of the past.

Even the cigarette brands often had a military flavour at this time with Adkin's "Soldiers of the Queen" cigarettes and Faulkner's Grenadier cigarettes. The latter specialised in the Grenadiers and issued a series showing the regiment through the ages as well as two sets depicting them in various battles.

The war over and the Edwardian age in full swing, the tobacco manufacturers switched to more peaceful subjects such as flowers and country houses. But there were still card issues which are worth a place in any military collection.

Ogden issued a nice series of "Soldiers of the King" while Player pushed out three



9.2-inch Gun on Road Mounting.



Trumpeter, Cossack of the Guard.

In addition to standard-sized cards Player's also issued extra-large cards with their boxes of 50 cigarettes including (above) "Artillery in Action" and "Regimental Uniforms."



PLAYER'S CIGARETTES.

F.M. EARL HAIG.



WILLS'S CIGARETTES

"BOBS"
"Vanity Fair" Series.



Lord Roberts, V.C., G.C.B., G.C.I.E., &c.

OGDEN'S
CIGARETTES

A favourite subject of early cards was Lord Roberts, shown here from Ogden's Tabs series and Wills's "Vanity Fair." Left: Earl Haig from Player's "Straight Line Caricatures" (1926).



Jousting scene from the Player 1910 series which gives a history of arms and armour.

different series of regimental colours and cap badges between 1904 and 1910.

In 1912 and 1914 the same firm issued two sets of regimental uniforms which were perhaps the last really good uniform series to be printed. No doubt the purist could find some errors in them but a few years ago I found remarkable proof of the high regard in which they were held at the time.

While working for a local newspaper published by the former military printers, Gale & Polden, I was given a box of "rubbish" bound for the dustbin. It included the original rough sketches on which Gale & Polden artists based their illustrations for books. And for every regiment there was a cigarette card from the Player series!

With the arrival of World War One, military cards held sway again and Wills issued a set of 12 reproductions of recruiting posters of the time. Carreras issued with Black Cat cigarettes a series of 140 cartoons by the celebrated Dutch cartoonist Louis Raemaekers, all of them calculated to inflame anti-Germany feeling.

Wills also put out "Britain's Part in the War," "Allied Army Leaders" and "Military Motors." For many years this firm had its own special brand of cigarettes, "Scissors," which was issued to troops in India. Its wide-ranging series, most of them designed specially for the brand, included "Army Life," "Indian Regiments," "Heroic Deeds," "Regimental Pets" and "British Army Boxers."

Most companies had their own war series with perhaps the best known being two sets from Gallaher entitled "Great War Series" and totalling some 200 cards.

Card issues stopped in 1917 when paper became scarce and did not reappear until six years later. Almost immediately Player took the opportunity of reviewing the war with "War Decorations and Medals" (90 cards) and "Army Corps and Divisional Signs" (150 cards).

Although card issues were more plentiful in the 1920s and 1930s the quality had declined and there were fewer sets of interest to the military collector. Player had two more sets of regimental colours, a set of military headdress, and followed up in 1938 and 1939 with adhesive-backed sets of "Military Uniforms of the British Empire" and "Uniforms of the Territorial Army."

Gallaher put out a nice little set of 48 Army badges in the late 1930s while Carreras had "History of Army Uniforms" and Phillips borrowed the old title "Soldiers of the King" for their 36-card uniform series.

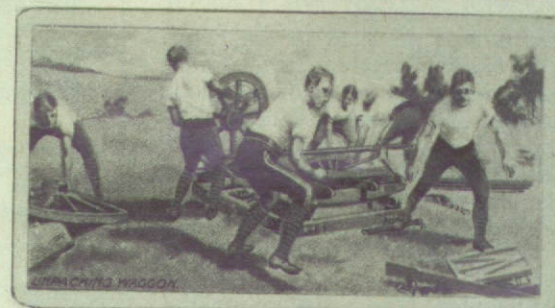
Then came World War Two and cigarette cards disappeared almost immediately—never to reappear. Clearly the tobacco manufacturers had reached an agreement and although a number of unissued series have mysteriously leaked on to the market it is doubtful if the street cry of the 1930s—"Got a fag card mister?"—will ever be heard again.



Left: Rorke's Drift from Player's "Victoria Cross." Centre: This card came from Keighley Picture House and (right) "Infantry Training" from the Imperial Tobacco Co of Canada.



Above (left to right): Phillips' "Soldiers of the King," Muratti cartoon card, one of the famous Ogden Guinea Golds. Right: Hard work shown in "Army Life," a series issued to troops in India. Below: A scarce card of the war series of Murray's.



Back cover

An imposing array of cigarette cards, including some very early and scarce specimens. Top right is the rare Player's "Military Series" and the display includes three cards of Taddy's—the "Penny Blacks"—of cartophily. Also shown are early cards from Morris, Brankston and Sinclair, three between-the-wars Player sets, Smith's "Battlefields," Gallaher's "Army Badges," Player's "Regimental Uniforms" and Wills's "Heroic Deeds." Picture by Martin Adam.



Forget the smells and follow the scent—
take up beagling and rediscover the countryside ...



It's hare-raising!

Below: Major "Johnnie" Grosch, Master of the Colchester Garrison Beagles, blows on his horn to extricate hounds from a beanfield.

Story by John Walton
Pictures by Leslie Wiggs

SATURDAY afternoon. Standing on the village green were 30 or 40 people ranging from elderly gentlemen in Harry Vardon-style plus fours to trendy young females in brightly coloured slacks. All were drinking glasses of red wine from the nearby pub.

What was the occasion? The opening meet of the Colchester Garrison Beagles, hunters of the hares which abound in this part of the Essex countryside.

Drinks over, everyone piled into cars and drove to a farm a few miles away where, with suitable cries of encouragement, the beagles were released and bounded off on to a ploughed field.

To those used to the formality and pomp of foxhunting, beagling comes as a relief. The only men in uniform were the three whippers-in, wearing green coats, and the Master of Hounds, Major "Johnnie" Grosch, similarly attired.

"We're not stuffy about dress," explained Major Grosch. "People come out in running shoes, gumboots, rugger boots, hockey boots and so on. There is no side in this sport—it has none of the snobbery or money tinge which foxhunting has."

The hounds sniffed their way amiably down the field and back again without apparently picking up any scent. A hare





hove into view, was seen by all the followers but not by the hounds, and hove out of view again.

Then it was on to another field while the hounds searched for the elusive scent of their prey. Meanwhile the followers, apparently getting tired of all the inactivity, squatted down on a grassy bank and waited.

Suddenly the hounds spotted a hare and were off at top speed after it. Within a minute they were out of sight to all but the keenest hunters who had gone racing after them. The rest ambled along in their wake, eventually catching up with the pack when it became lost in a broad bean field.

"A typical Essex day," said Major Grosch as he patiently waited for the stragglers to emerge from the bean maze. Apparently beaglers never go charging into unharvested crops.

The trouble, it seems, is that there are too many hares in the Colchester area and too many hares spoil the plot. The hounds cannot match the hare for speed—they have to wear it down by stamina. But when there are a lot about the pack keeps coming across fresh scents and a new hare takes over the running from the exhausted one.

Not that this seems to bother the Colchester Garrison Beagles, who only manage to catch about 12 brace every season, despite going out every Wednesday and Saturday. Nothing was caught at the opening meet.

"The ploughed land here is cold and does not carry the scent well but I rate good sport and good hunting ability higher than sheer slaughter," said Major Grosch. "The main thing is that we get to see lovely bits of countryside."

The beagles chase the hare by scent and not sight. The obvious question is how do they differentiate between a hare and a rabbit or a fox or even somebody's pet cat? Evidently it involves a lot of hard work and training. Any beagle which develops a taste for rabbit is liable to be removed from the pack.

Explained Major Grosch: "We shout 'ware rabbit' which tells them they are going to get a hell of a beating if they go after a rabbit. And if they do kill one we leave the body lying there and any hound which touches it gets belted."

The major knows the name of every one of his hounds and its characteristics. This essential requirement for a Master was confirmed by a former Master of the

Colchester beagles, Colonel Henry Foster, making his first appearance with them after five years away in Germany.

What makes a good beagler? Colonel Foster puts it this way: "The basic thing is to have an instinct for hunting—a bit of vengery about you. As far as hunting goes the essence is to know when to be patient and when to be quick. Don't use your voice unnecessarily when you can hunt quietly."

The colonel is something of an authority on beagling in the Colchester area and has traced Army beagles there back to 1861. It was not until 1900 that the present name was taken and there have been a number of breaks, the longest being from the start of World War Two until 1956.

The Army beaglers were following in illustrious footsteps for one of the most famous packs of all time, the Merry Beagles, hunted the same country until they were disbanded in 1847.

The main problem facing the Colchester Garrison Beagles is that with so many units serving in Northern Ireland the membership is now roughly two-third civilian.

Major Grosch feels that beagling is a recreation which should appeal to young soldiers: "We could do with more of them. A lot of soldiers are under-exercised and have very little knowledge of the countryside. It is a more pleasant way of getting their Wednesday afternoon exercise than having to be coerced into a game of basketball."

To the average city dweller the idea of beagling must seem at best to be an anachronism and at worst to be cruel. But Colonel John McClaren, secretary of the Army Beagling Association, feels that both views are incorrect. "I think it is not an anachronism when so many people in the Army can enjoy country pursuits and get a great deal of healthy outdoor exercise," he says.

"On the question of cruelty we ask ourselves whether hunting introduces into the hare's life any element of suffering which otherwise would not be there.

"It would be unreasonable to suggest that a hare does not suffer during the last minutes of a hunt but we think it is possibly replacing more protracted suffering through the causes of nature. A hare which is caught is killed instantaneously and I believe we deceive ourselves if we think that the absence of hunting would lead the hare to a serene old age."



Above: Beagles make friends with a couple of girl beaglers. Note the informal dress of supporters waiting in the background.

Below: Bottoms up! Drinks are over and the hunt moves off. Hound's eye view of huntsman's rear shows socks, tough shoes and whip.



Healthy exercise for all ranks

All of the eight military beagle hunts are members of the Army Beagling Association which was founded in 1961 to "give healthy exercise to all ranks who enjoy country pursuits."

Two of the military hunts, the Sandhurst and the Aldershot, have in recent years won championships at the country's premier hound show and their breeding has played a major part in improving the quality of hounds in civilian hunts. The others are the Catterick, Colchester Garrison, Pimperl (Royal Signals), School of Infantry, Shrivenham, and the Purbeck and Bovington (Junior Leaders, Royal Armoured Corps). There is no beagling at overseas stations.

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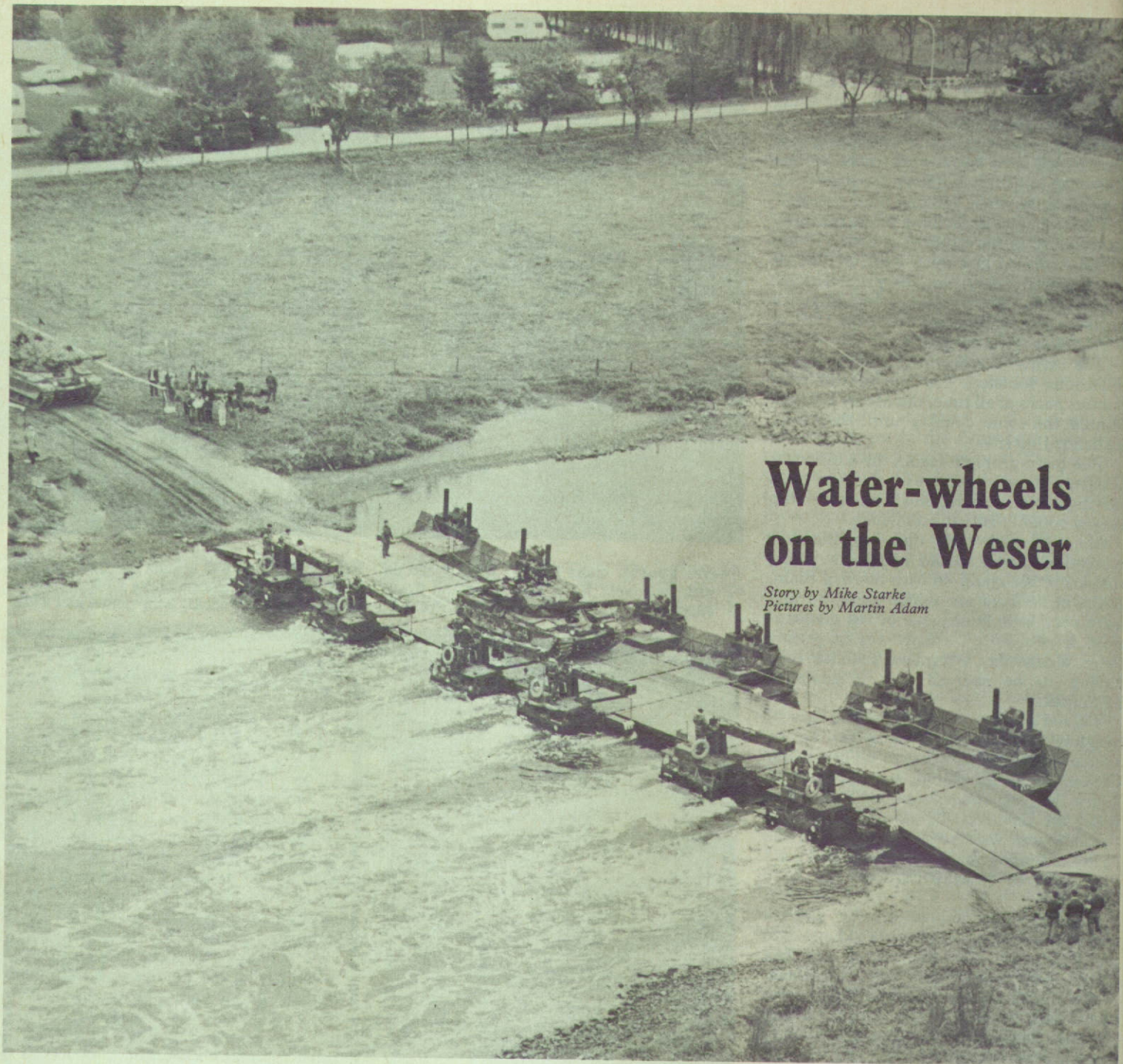
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Water-wheels on the Weser

Story by Mike Starke
Pictures by Martin Adam



**Front
cover**

Bridge rig pilots make fine adjustments to their controls atop the cabs of their M2 amphibians to keep them on station as a fully loaded armoured personnel carrier rolls across the Weser on the linked pontoons.

Picture by Martin Adam

A FLOTILLA of strange craft, engines roaring to keep station against the strong current of Germany's river Weser, manoeuvred into position in a broadside formation from bank to bank. The Army's latest bridging equipment was ready for use precisely on time.

Six self-propelled M2 bridging rigs, designed and made by a German firm, were being used by 64 Amphibious Engineer Squadron on 12th Mechanised Brigade's autumn exercise "Swordfish." The Weser's water level was low after drought and a mere six were enough to span it at the time. Since its formation two years ago the squadron's biggest job has been to throw a 26-rig M2 across the Rhine.

Each independent rig is fully amphibious and from driving along the road in its lorry configuration at speeds of 30 to 40 miles an hour it can become a propeller-driven

pontoon in seconds to complete a bridge of any size within an hour. As soon as the rig is in a metre's depth of water its propeller deploys and its wheels retract.

A rig is manned by four sappers—driver, pilot and two crewmen, one of whom is a rig fitter. Once in the water, "wings" of bridging surface fold down to be linked to neighbouring rigs. The span is built out from both banks while a centre section waits upstream for the moment final bridging is to be made.

A cable mooring secures each end but the pilots need all their skill to keep the rigs steady in the turbulent water. Each rig is in radio contact with a control point on the bank.

On "Swordfish," time was against the sappers. The civilian authorities could close the Weser to traffic for only two hours to allow exercise vehicles to cross. The low water did not help. Jetties of hard core had

The wild water upstream is churned up by the amphibians' propellers as they battle with the current to keep station while a tank crosses. Note the rigs are linked up in pairs.

Pull-out supplement **SOLDIER** December 1972

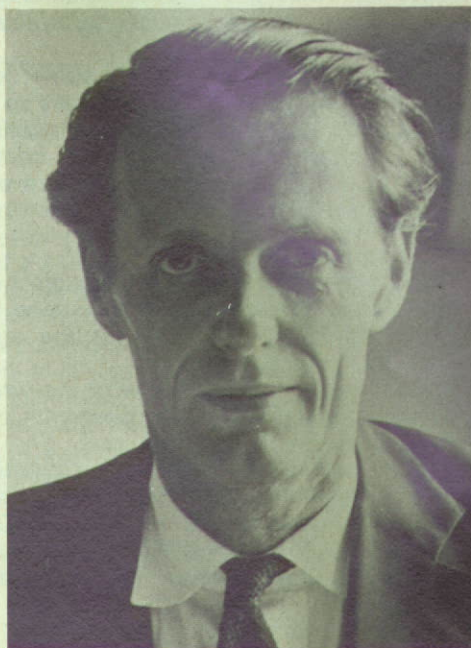
DEFENCE MINISTRY CHANGES IN GOVERNMENT RESHUFFLE

Two top jobs at the Ministry of Defence changed hands in the Government reshuffle by Mr Edward Heath, the Prime Minister, during November.

The non-cabinet post of Minister of State for Defence passed from Lord Balniel to Mr Ian Gilmour. Also outside the cabinet, the appointment of Parliamentary Under-Secretary of State for Defence (Army) went to Mr Peter Blaker who took over from Mr Geoffrey Johnson Smith.

Mr Gilmour (46) was Minister of State for Defence Procurement from 1971. He was previously Parliamentary Under-Secretary of State for the Army. Mr Gilmour has represented Central Norfolk for ten years.

Mr Gilmour mounted guard at Buckingham Palace as a subaltern of the King's Company, 1st Battalion, Grenadier Guards. He followed his father and grandfather into the regiment, joining as a guardsman in 1944 at the age of 18 after education at Eton. Commissioned the following year, he served as a platoon commander in Germany in 1945 and 1946. He left the Army in 1947 to study at Oxford and was called to the Bar in 1952. Mr Gilmour is married with four sons and a daughter.



Mr Ian Gilmour



Mr Peter Blaker

Mr Peter Allan Renshaw Blaker was born in October 1922 in Hong Kong, where his father was in business for many years. He was educated at Shrewsbury School, at Toronto University, where he gained first-class honours in classics, and at New College, Oxford, where he obtained first-class honours in law and an MA degree. He was president of the Oxford Union and of the Oxford University Law Society.

During World War Two he volunteered for service in the Canadian infantry, became captain and adjutant of his battalion at the age of 20 and was wounded in action in Belgium in 1944. After the war Mr Blaker became a solicitor and was later called to the Bar. After practising briefly he joined the Foreign Service in 1953. He served in Canada as first secretary (political) in the office of the British High Commissioner and in Cambodia as consul and chargé d'affaires.

From 1962 to 1964 Mr Blaker was private secretary to the Minister of State for Foreign Affairs. He was also a member of the British delegations at the signing of the nuclear test ban treaty in Moscow; to the disarmament conference in Geneva; and to the General Assembly and the Economic and Social Council of the United Nations.

Mr Blaker's wife is the elder daughter of the late Sir Pierson Dixon, former British Ambassador in Paris. They have three children, two girls and a boy.

Elected to Parliament in Blackpool South Division in October 1964 and March 1966, Mr Blaker was joint secretary of the Conservative Parliamentary Foreign Affairs Committee in 1965-66, and of the Trade and Industry Committee in 1967-69, an

DEFENCE MINISTRY CHANGES IN GOVERNMENT RESHUFFLE

(continued from previous page)

JOB EVALUATION IN THE ARMY

OFFICER TRAINING REVIEW

NORTHERN IRELAND

assistant Opposition whip 1966-67 and Parliamentary private secretary to the Chancellor to Duchy of Lancaster and to the Chancellor of the Exchequer 1970-72. Lord Balniel (45) held his Defence Ministry job from the general election. He has now been moved to the post of Minister of State at the Foreign and Commonwealth Office. He is the heir to the Earl of Crawford and Balcarres. He has represented Hertford since 1955. He was commissioned into the Grenadier Guards in September 1945 and retired from the Army in January 1948.

Mr Johnson Smith (48) moves on to become Parliamentary Under-Secretary, Civil Service Department. He is a former BBC television reporter who started his career in the Diplomatic Service. He was first an MP in 1959, held his first government post in 1960 and was appointed in April 1971 to the job now taken by Mr Blaker.

Job evaluation is used in the Army to make sure pay is competitive with civilian wages and that officers, non-commissioned officers and soldiers of the same rank get broadly the same rate of pay for similar-sized jobs.

As a result of the evaluation of corporals and officers, the Army can compare the job sizes at the upper and lower ends of the pay scale with civilians and, now that senior non-commissioned officers have been evaluated, internal comparisons can be made throughout the ranks.

Evaluation is made on a points system awarded for the varying degrees of aspects present in every job.

Results can be used to compare with civilian pay scales as a negotiating factor in determining Army pay rates and can show that fair rates are paid for different jobs within the Army based on cost effective principles. In short it can show the taxpayers' money is not being wasted.

The system will inevitably bring some downbanding as well as upbanding of jobs but the Army does not wish soldiers to lose money as a result of this and some "mark time" rates may have to be negotiated.

There are no dark secrets about the continuing process of job evaluation which is simply a method of measuring the size of everyone's job in the Army so that each individual gets a fair reward for the work he does. (DPS)

Training for Regular officers is the subject of a new review body set up by the Government to look at education and training from the entry of an officer to the Royal Military Academy, Sandhurst, at the age of 18, to selection for promotion to Lieutenant-Colonel.

The study will include a review of the whole pattern of Army officers' careers and is expected to recommend improvements of the structure. Its findings are due to be published at the end of next year.

The chairman of the body—the Committee on Regular Officer training—will be Lieutenant-General Sir Allan Taylor, shortly to be Deputy C-in-C UK Land Forces. Its members will include Sir Cyril English, of the City and Guilds of London Institute, Dr P S Haskell, of Portsmouth Polytechnic, the Deputy Under-Secretary of State (Army), the Vice-Adjutant-General and the Director of Army Training. (DPR)

October in Northern Ireland was marked by a much lower level of terrorist activity as Army domination of the IRA was maintained and strengthened. In the weeks before Operation Motorman (the re-establishment of security forces in the "no-go" areas and throughout the province) the average weekly number of explosions was 60. It is now 24. The average weekly number of shooting incidents was 865—it is now 182. More of this activity than formerly has been in the country areas, particularly close to the border. The 1st Battalion, The Argyll and Sutherland Highlanders, has been engaged on several occasions in this way and hundreds of rounds have been exchanged with the IRA. It appears for the moment that the Army is effectively containing terrorism in the towns.

Since Operation Motorman, about 160 Provisional IRA men have been put behind bars. Arms finds have continued at a high rate. Since Motorman, the following have been found:

In Protestant areas—weapons, 115; ammunition, 15,000; explosives (lbs), 1400. In Catholic areas—weapons, 424; ammunition, 57,000; explosives (lbs), 22,000.

Such successes have lowered IRA morale and weakened public support. Confidence in the security forces has been constantly improving and information is trickling in from ordinary people. To help fight intimidation, the police have set up telephones to which information may be given anonymously. The caller's message is automatically recorded. No questions are asked and nobody else need know the purpose of the person picking up the telephone.

But October was chiefly remarkable for the activities of the Protestant organisations. A small number of bomb outrages had the appearance of being Protestant in origin and uniformed "Orange Volunteers" and "Ulster Volunteer Force" were seen. The

NUFFIELD CLUBS FOR THE SERVICES

Ulster Defence Association admitted carrying out a number of raids into the Irish Republic as a reprisal for IRA attacks in border areas mounted from the south.

An operation mounted to arrest "Gusty" Spence, the convicted murderer who was "kidnapped" by the Ulster Volunteer Force (his own organisation) in July, and which failed to recapture him, nevertheless sparked off serious rioting by Protestants in the middle of October. The Ulster Defence Association "declared war" on the British Army and Government and for two days the Army faced not only Protestant rioting but also Protestant bullets. A high-level meeting on 18 October achieved a cooling of the situation and there have been no subsequent clashes, even when Spence was captured by 1st Battalion, The Parachute Regiment, on 4 November.

On 23 October armed raiders held up the guard at a TAVR centre in Lurgan and stole 104 weapons and some ammunition. Sixty-nine weapons were soon recovered. The Ulster Volunteer Force later said it was responsible for the raid.

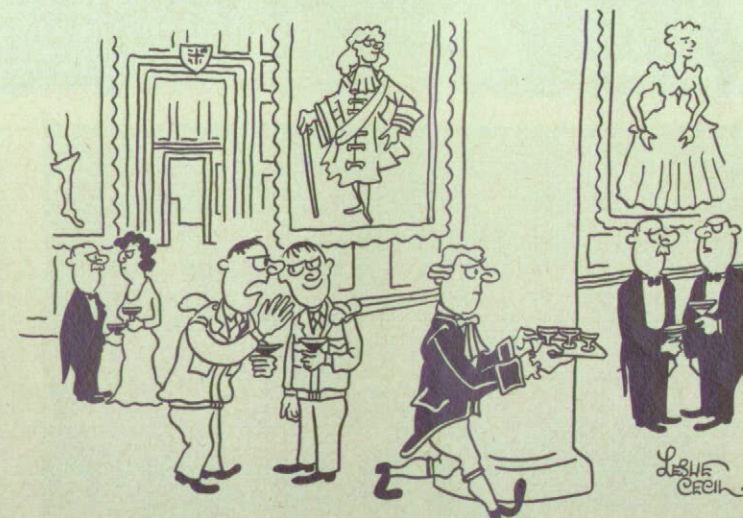
The tragic murder of Sapper Stuart on 2 October ended a highly-successful intelligence operation which had obtained much useful information over a period of several months. The cover used was a bogus dry-cleaning firm called "Four-Square Laundry." Week by week, Sapper Stuart and a member of the Women's Royal Army Corps visited houses over a wide area and collected and delivered bundles of dry cleaning. They used every opportunity to watch and listen for information. Sapper Stuart was sitting in the van when he was shot by IRA men who had driven up in a car. His partner was at the door of a house and was unharmed. (DPR)

In addition to making grants for the provision of amenities of all kinds, the Nuffield Trust for the Forces of The Crown sponsors the following clubs for officers and soldiers.

Officers

The Nuffield Club, 93 Eaton Square, London SW1, provides accommodation and meals at very reasonable prices. Priority for accommodation is given to lieutenant-colonels and below. Charges for bed and breakfast vary from £3.75 for a married couple to £2.00 single and £1.75 if sharing a room. The annual subscription is £3.00 for majors and lieutenant-colonels and £2.50 for more junior officers. Senior and reserve officers can join as luncheon and dining members at an annual subscription of £2.00 and can also stay at weekends if accommodation is available. Full details can be obtained from the Secretary, Miss J Wright (Phone: 01-235 1539).

The Nuffield United Services Officers Club, St Michael's Road, Portsmouth, provides accommodation and meals for officers of all ranks and their families. Special terms are available for junior officers (and their families) who wish to stay for long periods. Facilities include skittles, squash, tennis, badminton, TV, etc and children are especially welcome. Priority for accommodation is given to junior officers. Full details of charges and subscriptions are available from the Secretary, Major K S Harwood (Phone: Portsmouth 21137).



"You know—something tells me this isn't the Nuffield Centre."

Soldiers

The Nuffield Centre, 8 Adelaide St, London WC2 (near Charing Cross Station), is open daily except Monday from 1530 to 2230 and on Saturdays and Sundays from 1200. Restaurant, lounge, bar, TV room and information desk. Families are welcome. Theatre tickets are available from 1630, Tuesday to Friday, and from 1330 on Saturday. Special arrangements for meals can be made for parties. Full details can be obtained from the Manager, Flight-Lieutenant F D Stead (Phone: 01-836 7871). (DPS)

FAMILY LEAVE FROM NORTHERN IRELAND

A special family leave scheme has been introduced for members of the permanent garrison in Northern Ireland wishing to travel as a family to Great Britain. By giving up the normal entitlement to four annual warrants, those eligible may take the whole family anywhere in Great Britain at public expense twice a year. For travel by other means than using a warrant it has been agreed that claims for the refund of expenses may be met within the value to the Ministry of Defence of warrants rather than the less valuable converted leave rate of motor mileage allowance. (DPS)

DIRECT FLIGHTS FOR LEAVE FROM NORTHERN IRELAND TO GERMANY

Direct flights by RAF aircraft are planned for troops on emergency duty in Northern Ireland wishing to return to Germany for leave. The present route via Luton (SOLDIER News, November 1972) has proved a long and tiring journey. Normal commitments permitting, the RAF hopes to provide a direct service from Northern Ireland to Germany cutting out the mid-journey change of aircraft in England.

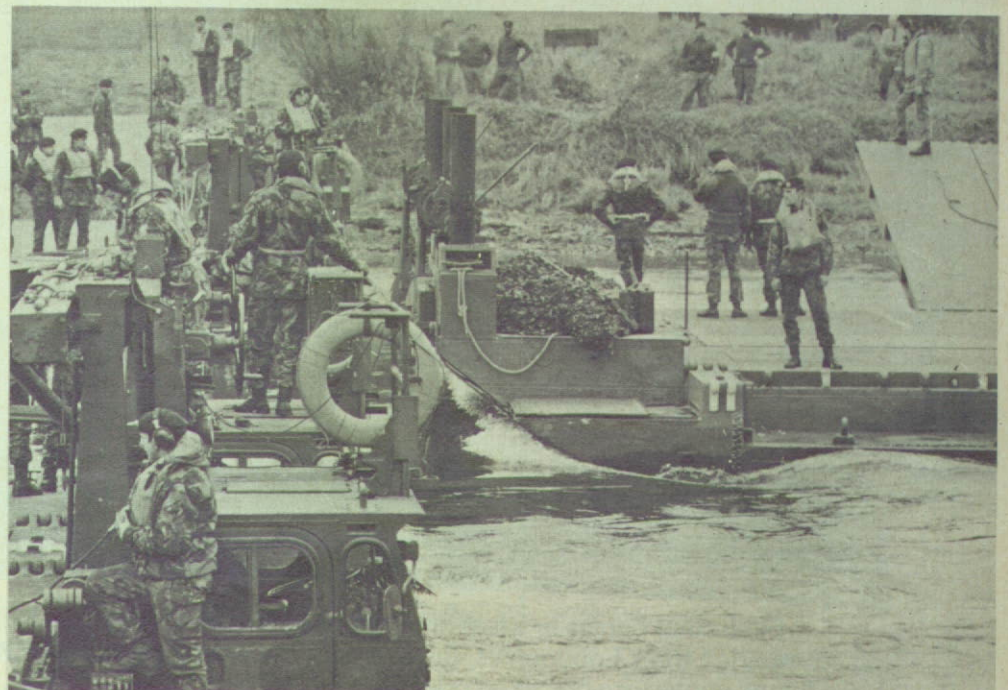
A HOME OF YOUR OWN

The facts and figures about finding a home after leaving the Army are outlined in the latest issue of the Services Resettlement Bulletin. It advises on renting and buying, how to apply for a council house, raising money for a mortgage, special house purchase schemes and professional charges. The 84-page issue also gives information about trade union membership and concessions by professional bodies and organisations which help men and women leaving the Services to get jobs. The bulletin is available free from education officers.

How observant are you?



These two pictures look alike but they differ in ten details. If you cannot spot the differences, see page 41.



to be built out from both banks to take the M2 ramps but the job was still finished on time and the stream of nearly 300 vehicles drove across. The bridge took 18 Chieftain tanks. At 50 tons each they are the largest vehicles the M2 is designed to carry. They shared the bridge with some 158 armoured personnel carriers taking infantry of 1st Battalion, The Royal Regiment of Wales, into "battle."

The bridging squadron's commander, Major John Prosser, explained that his work would be done under cover of darkness in a real battle situation and more than one M2 bridge could be put up at once if necessary.

Its task complete, the bridge was dismantled with the same speed as it was assembled and the rigs once more took to the road leaving little trace of their presence save the muddied tracks of the vehicles they had carried on their backs.

Above: Sappers wait to fix the twinned rigs. Right: Later, the centre section moves in.



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Twenty-two years on

When **Lieutenant-General Pierre Roman**, Chief of Staff of the Belgian Army (above, left), visited the Staff College at Camberley recently it was something of an old boys' reunion. For the general was a student at Camberley in 1950 at the same time as the present Commandant, **Major-General Pat Howard-Dobson** (above, right).



Gurkha gratitude

Rifleman Prem Bahadur Thapa, of the 2nd Battalion, 2nd King Edward VII's Own Gurkha Rifles (The Sirmoor Rifles), presents (above) a ceremonial kukri to the man who may well have saved his life. In May this year the Gurkha was involved in a traffic accident in Hong Kong with his Army Land-Rover. Minutes afterwards **Bombardier Arthur Cotgrave**, a regimental policeman with 47 Light Regiment, Royal Artillery, found him lying unconscious in the road with a broken arm, two crushed ribs and head injuries. Bombardier Cotgrave carried the injured man to his car, rushed him to an ambulance and got him to hospital with the minimum of delay.



Red Cross Red Cross

A patient transferred from the British Military Hospital at Hannover to that at Iserlohn, a hundred miles to the south, or vice-versa, might be forgiven for thinking he was having hallucinations. For the welfare officers at the two hospitals are identical twins (above), **Sophie** (right) and **Selina Henderson**. Both have served in the St John and British Red Cross Society's Service Hospitals Welfare Departments since 1969.



Twenty-two + two

Two recruiters of the Women's Royal Army Corps recently received the Long Service and Good Conduct Medal at their Army careers and information offices. **Regimental Sergeant-Major Joan Spencer** (left), based at Birmingham and responsible for female recruitment in the West Midlands, received her medal from Lieutenant-Colonel Simon Fraser, Combined Recruiting and Liaison Staff, West Midlands District. The presentation to Sergeant Catherine Bradley (right) at Hull was by Lieutenant-General Sir William Jackson, GOC-in-C Northern Command.



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PROTOTYPES of two new riot control vehicles are being delivered to the Army by the end of the year for evaluation trials. The Fighting Vehicles Division of GKN Sankey Limited has developed the AT 100 and AT 104 armoured security vehicles designed for use on internal security work.

Both are built to carry ten or 12 fully equipped men and both have a commander's cupola which can house pintle- or swivel-mounted guns. For economy reasons, four rather than six block-glass portholes give all-round vision from the vehicle's turret.

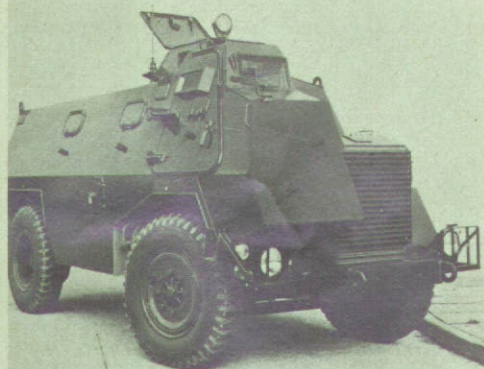
The vehicles are built as solid armoured boxes on wheels and the armour is claimed to be proof against high-velocity small arms rounds. Hinged observation or firing ports are set in the sides and rear.

The standard Bedford 330 or 466 six-cylinder engines are the recommended power units and automatic transmission is fitted for easy operation driving at speeds up to 50 miles an hour.

The smaller AT 100 is a two-wheel drive version while the AT 104 has four-wheel drive. A number of optional extras give the vehicles versatility of role in a variety of climates and conditions.

The AT 104 (above) shows its sloping surfaces designed to shrug off missiles.

Left: A stout lock (above and between the wheels) secures the AT 100's fuel filler cap.



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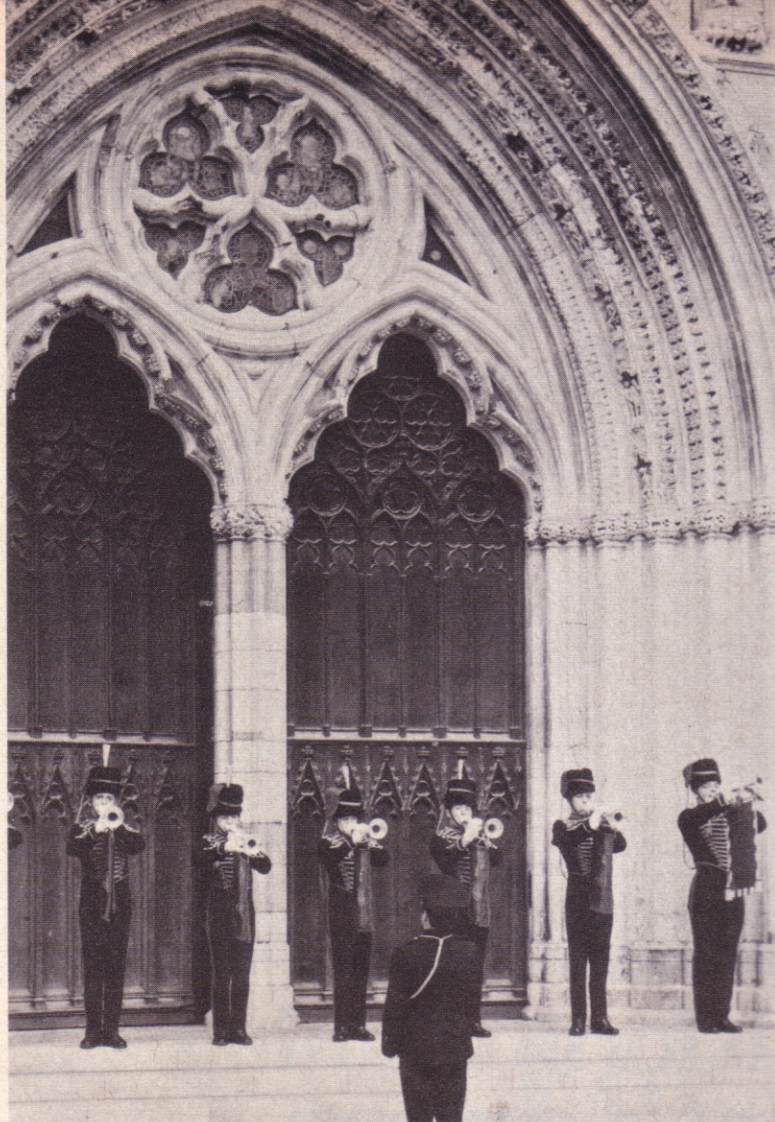
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Trumpeters from the Junior Leaders Regiment, Royal Artillery, were at historic York Minster sounding a fanfare to herald the first annual service to mark the beginning of the legal year of the North Eastern Circuit. Dressed in Royal Horse Artillery ceremonial uniform, the trumpeters stood (left) against the great West Door of the Minster as they sounded and also played inside the Minster as the legal dignitaries took their places.

Left, Right and Centre

Thanks to men of 50 Command Workshop, Royal Electrical and Mechanical Engineers, Hong Kong's Home of Living Kindness, which cares for aged Chinese ladies, will soon be able to go ahead with building extensions. Picture below shows Captain Brian Page, community relations project officer, handing over a cheque for £350 to Mrs Gladys Donnithorne, the home's supervisor. It was the proceeds of a draw and sale of work held by the workshop at Shamshuipo Camp.



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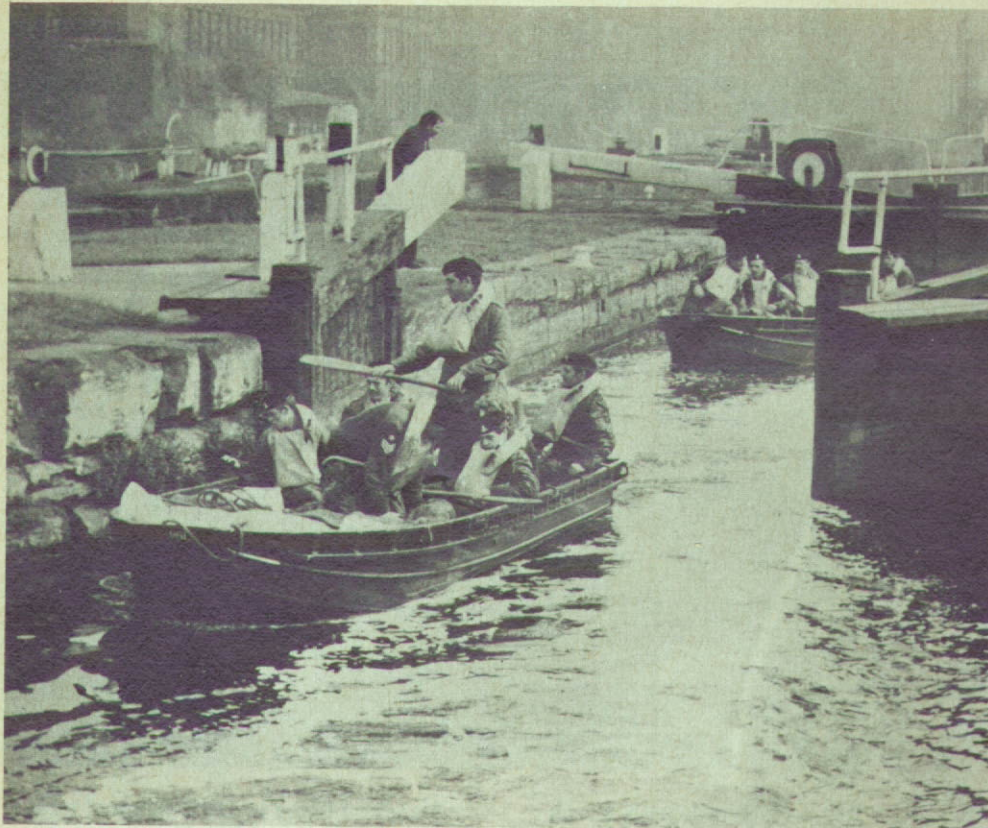
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Strensall, near York, spent five days travelling from York to Liverpool via the Rive Ouse, Selby Canal, River Aire, Aire and Calder Navigation and the Leeds and Liverpool Canal. On the return trip the boats were manned by an officer and five warrant officers from 42 Command Workshop, Liverpool, and more young soldiers from The King's Division.



Toast of The Black Watch in Hong Kong is hammer-thrower Lance-Corporal Jim Penny (above, centre) who won the gold medal at Singapore's Pesta Sukan (Mini-Olympics). Jim, pictured with team mates Sergeant Richard Sharkey (left) and Corporal Ken Grant, won with a throw of 138 feet—still well below his personal best! The other Black Watch man in the 11-man team from the Hong Kong Amateur Athletics Association was Lieutenant Bruce Osborn. Among the athletes they competed against were representatives from four Asian countries who travelled straight from the Munich Olympic Games to take part.



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Left, Right and Centre—*continued*



Men of the Royal Corps of Signals march past in the ancient Dorset town of Blandford Forum. The town has been associated with the corps since 30 Signal Regiment moved

to Blandford Camp in 1960, followed by the School of Signals in 1967. The occasion was the conferring of the Freedom of the borough on the corps.



During a recent visit to Germany, the Defence Minister, Lord Carrington, was entertained to tea at Trenchard Barracks, Celle (left), by wives of 1st Battalion, The Royal Green Jackets, which is doing a stint in Northern Ireland. He also saw men of 1st Battalion, The Green Howards, training at Sennelager and discussed with The Queen's Royal Irish Hussars their training exercise at Suffield in Canada.



After seven years at Hildesheim in West Germany, 32 Heavy Regiment, Royal Artillery, said farewell to the city with a parade through the streets. The parade, which attracted thousands of local people,

featured 40 vehicles including 12 175mm self-propelled guns. Picture shows Oberbürgermeister Herr Boyken taking the salute. The regiment was returning to England.

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Military Division

Development Engineers who would work on the design and development of complex data handling and radar systems and associated ATE.

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Technical Authors who will work closely with the development engineers and will be responsible for the compiling and writing equipment support documentation.

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Trials Engineers would be responsible for on-site commissioning, preparation and operation of complex prototype systems which are on range trials. The trials locations may be in the U.K. or overseas and applicants for these positions should be prepared to work in a variety of different locations as required.

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Vacancies are available for **Senior Scientists** and **Development Engineers** to play leading and authoritative roles in the concept design and development of underwater equipment. These activities are associated with complex oceanographic instrumentation, precision underwater ranges and the application of advanced data processing systems. The range of work covers theoretical studies of acoustic propagation, systems instrumentation and environment sensors.

To enable engineering development to proceed, this division has a number of vacancies for **Trials Engineers** whose duties will include the sponsoring of on-board and land-based trials of the division's products necessitating occasional overseas visits.

Space and Instrumentation Division

Development Engineers who can work on equipment being developed for various space projects. Typical of the work of this division is the use of vidicon camera tubes as U.V. detectors, attitude controls systems for sounding rockets and sun pointing devices. Engineers for this division will be working on problems which require high density packing and extreme reliability.

Guided Weapons Division

Development Engineers (Electronics) would work on a number of projects associated with fuzing and safety and arming devices. Experience in the design and development of analogue high and low frequency circuits with a stringent reliability requirement and high packing density would be advantageous for these posts.

Development Engineers (Mechanical) would also be required to work on this type of project. Many devices are mechanical in operation and require a very high tolerance specification coupled with ease of large quantity manufacture and extreme reliability.

Physicists who have an interest in and a practical knowledge of electrical field theory should apply for work on research projects in this division. Some knowledge of electronic circuitry, or an interest in mathematical modelling, would be advantageous.

Radar P.D.S. Engineers will be engaged on problems associated with the production of radar devices, post design modification and other post design services. Ex-service personnel with radar experience and good technical knowledge could be interested in this activity.

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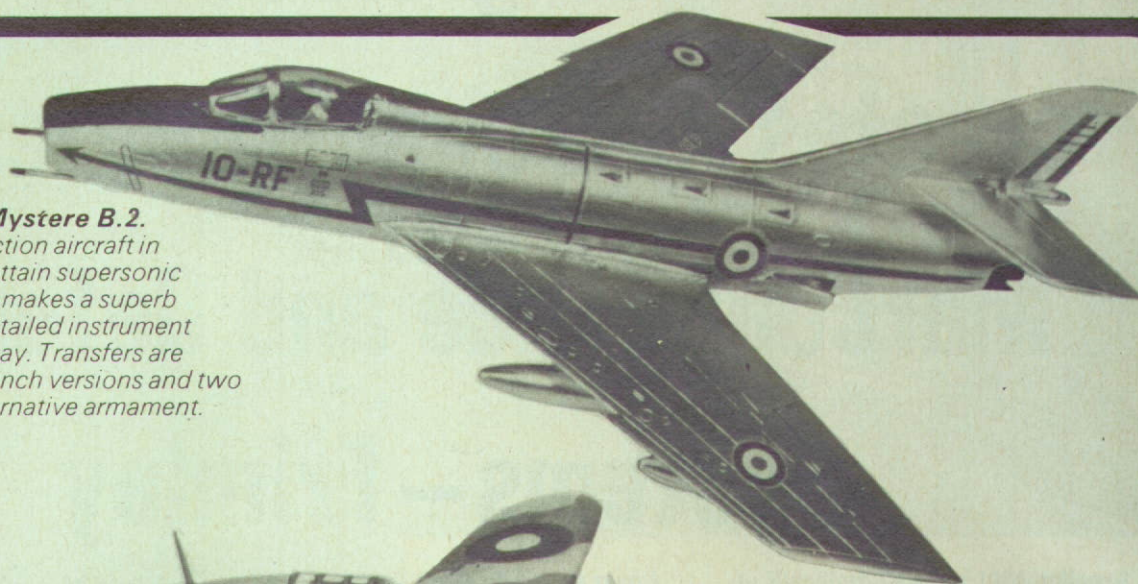
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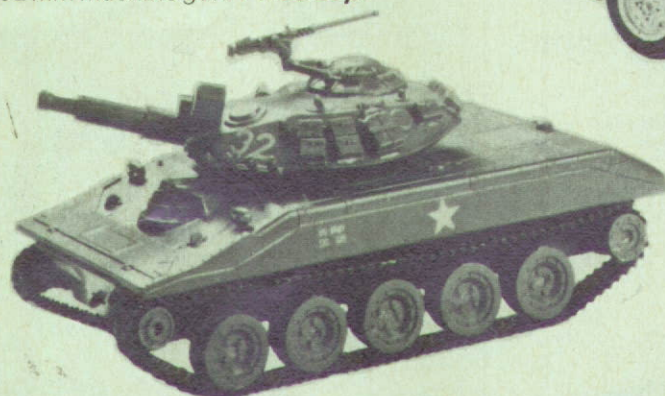
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This U.S. Army armoured reconnaissance vehicle uses the Shillelagh guided missile system and conventional 152 mm gun. A new Airfix model, it shows particularly fine surface detail, including trenching tools and movable 7.62 mm machine gun.

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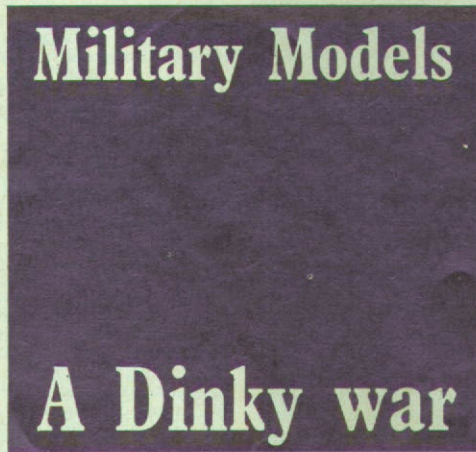
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Military Models

A Dinky war

JUNIOR, with an eye on Christmas, will be delighted to find his stocking bulging with the new military models from Dinky Toys. These models will fit your pocket too—the 1:65th scale stalwart (top right) is a mere 29 pence and the most expensive, a Sea King helicopter with a winch-hoisted Apollo capsule (top centre), costs only £1.40.

Dinky Toys, which are on sale in Naafi, are manufactured by the Meccano people. While they can be criticised for somewhat simplified detail and inconsistent scales, Dinky Toys have durability and strength—as a once-favourite uncle will find out when he treads on one and takes an unsolicited ride over the lino.

As well as wheels, there are other working parts such as battery-operated propellers and rotors, spring-released bombs and rockets, and elevating gun barrels which fire plastic pellets—useful for shooting fairies off Christmas trees.

New releases of ready-made models are the British Army's Chieftain tank (bottom left), Ferret scout car (bottom right) and Stalwart and DUKW amphibians, as well as an RAF Dominie, Royal Navy Phantom

(bottom centre), United States Army T42A and Luftwaffe Messerschmitt Bf 109E for the aircraft enthusiasts.

To cater for the model-maker, Dinky now sell some of their models in kit form, for example the Sea King (less Apollo capsule) at 95 pence and "Action Kit" of a US jeep at 55 pence. Action Kit construction is the ultimate in simplicity with snap-on and screw-fitting parts. Transfers and paint are supplied although I would quarrel with the khaki colour chosen for the jeep, preferring instead the Humbrol "US olive drab."

Phoenix Model Developments Ltd, noted for their Les Higgins figures, have also moved into miniature metal vehicle kits with their new 1:76th scale Bedford 15-hundredweight lorry. The kits, costing £1.22, are obtainable from the firm at The Square, Earls Barton, Northampton. There are 37 crisply detailed parts which in this scale means real precision work. The soft white metal used is not the easiest material to work and assembly can be a headache since soldering is impossible and normal epoxy resins take 24 hours to dry. However, there are some new quick-setting epoxy

adhesives on the market which make life less difficult. Modellers with skill and patience can turn this into a compact and exquisite model.

The less energetic can while away their winter leave as armchair generals—by turning their hand to one of the Avalon Hill wargames. These games are basically for two players, last anything from two to 18 hours, and are in varying degrees of complexity from "introductory" for 12-year-olds upwards to "tournament" for adults. They are made in Baltimore but are available here from leading stores like Hamley Brothers, 200 Regent Street, London W1, at £4.60 to £6.55 (postage extra). For your money you get battle boards, printed counters and instruction leaflets. The range of games available includes D-Day, Waterloo, World War One, France 1940, Luftwaffe, Midway, Guadalcanal, Battle of the Bulge, Stalingrad, Jutland, Afrika Korps, Gettysburg, Panzerblitz and Blitzkrieg. The beauty of wargaming is that if you are more skilful than your opponent you can win Waterloo as Napoleon and be a triumphant Rommel at El Alamein . . .

HH

Rare pair

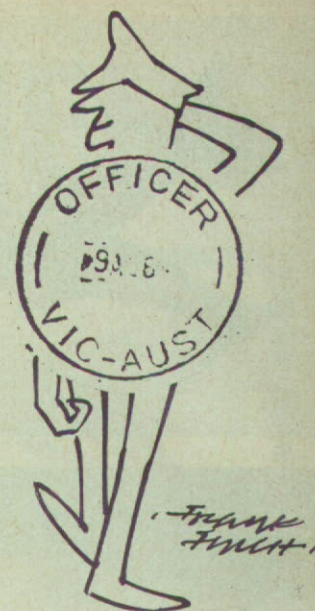
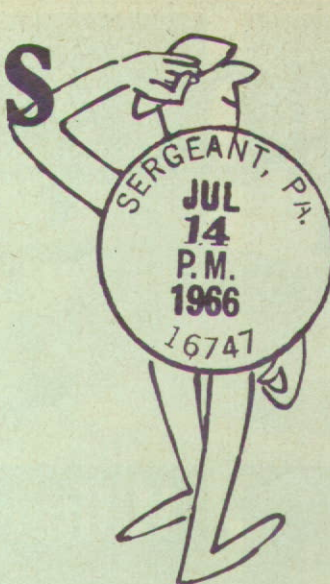
Letters

I was very interested to see the photograph of Sergeant Jack Cooke (September, *Purely Personal*) displaying his pair of medals which are rarely seen together—the Regular Army Long Service and Good Conduct Medal alongside the Territorial Army Efficiency Medal. Without wishing for one moment to detract from his achievement I feel I must quote the following cases which may interest readers.

There are two serving soldiers of this unit, albeit members of the Territorial Army Volunteer Reserve but none the less serving soldiers, who are proud wearers of the Territorial Army Volunteer Reserve Efficiency Medal alongside the Regular Army Long Service and Good Conduct Medal. Surpassing this there is also a serving member who is the proud wearer of a trio of medals very rarely seen together—the Regular Long Service and Good Conduct Medal, the Meritorious Service Medal and the Territorial Efficiency Medal with bar! He also has a pair of medals which I doubt very much are worn by another serving soldier today—the Indian General Service Medal (1908) and the Indian General Service Medal (1936)—both in addition to World War Two campaign medals.

While there may be somebody serving with more medals I doubt very much indeed if there is anybody with such an interesting set of medal ribbons on his chest!—**C/Sgt J B Hennin (Band Sgt, Hampshire and Dorset Band TAVR), 29 Westman Road, Weeke, Winchester, Hants.**

While agreeing with Sergeant Jack Cooke that he has a "rare pair" I believe that the service medals awarded to my father, ex-Staff-Sergeant James Stone RA, are a whole lot rarer. He was awarded his Long Service and Good Conduct medal during the reign of King George V, the Territorial Army Efficiency Medal during King George VI's reign and the Meritorious Service Medal during the present Queen's reign. Three long-service medals bearing likenesses of three different sovereigns. Going on to ex-Drum-Major Gay's letter about his MSM, I would advise him not to hold his breath while waiting for his annuity. My father was awarded his MSM in the mid-'50s and is still waiting!—**S/Sgt G Stone, HQ BIB, BFPO 45.**



Duty knows no bounds

I wonder if any of your readers feel as I do about the disfigurement of citations of gallantry awards by the importation of that utterly foreign concept of "personal bravery . . . beyond the call of duty." That was the expression used about Major (now Lieutenant-Colonel) Styles's magnificent, spine-chilling bomb disposal work last year. And now I read (*SOLDIER*, September 1972, Page 7): ". . . he displayed courage, fortitude . . . greatly exceeding the demands of duty." It may be that some foreign armies find it possible—by work measurement or what-have-you—to define a man's duty so that effort beyond his "norm" or stint can be recognised and perhaps rewarded with a productivity bonus!

I do not think it was ever so in the British Army—or indeed in any British context. Duty knows no bounds. All are expected to "do their duty" but some manage to achieve "outsanding devotion to duty" which marks them out for special mention.

In English, to "exceed one's duty" is most reprehensible and I for one would hope that citations for acts of gallantry and devotion, such that we ordinary folk can barely begin to imagine, could avoid using forms of words that seem to echo such undesirable overtones. I trust that NATO standardisation and all that jazz does not require us to abandon our principles.—**Gerald East, 43 Manor Road North, Esher, Surrey.**



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wireless set No 1 (as it was called) used in these cars would also be appreciated. Does anyone have one of these sets, the remains of one or its handbook?—**Harry Edwards, Club Historian, Morris Register, 72 Keene Way, Galleywood, Chelmsford, Essex.**

Can you help?

I am a long-term hospital patient and therefore on a very restricted income which debars me from being able to purchase books which interest me. Could readers spare any books or magazines of a military or modelling nature? My main interests are military history, warfare, model soldiers and wargaming. I would also appreciate any old copies of **SOLDIER**, which I now take every month. If anyone would care to drop me a line I would acknowledge same with very many thanks.—**Stanley G Knight, Ward 9, Hartwood Hospital, Shotts, Lanarkshire, ML7 4LA.**

REUNION AT ALAMEIN

Due to insufficient support the reunion organised by the newly formed War Veterans Association (Letters, October) which was to have taken place at El Alamein on 29 October to mark the 30th anniversary of the battle has had to be postponed until the same time next year. This was largely due to lack of time in which to organise advance publicity.

The 1973 pilgrimage is being organised on the same lines as already announced and it is expected that Field-Marshal Sir Claude Auchinleck will lead the British veterans.

Calling Fusiliers

May I appeal for correspondence from any ex-members of the 1st and 8th cadet battalions, Royal Fusiliers. I would especially like to hear from anyone knowing the whereabouts of Mr F A Wright, a former member of the 1st Battalion, The Royal Fusiliers, who in August 1947 presented a miniature embroidered replica of the Colours to his regiment. The only additional information I have is that his number was 11325, but unfortunately, due to the fading of the print on the presentation label, I cannot determine whether his rank was corporal or captain.

I would also like to trace any readers who served in what was called the silver band and who made regular pre-war trips to France and Belgium. The 1st Cadet Battalion was first formed in 1901 at Harben Armoury, 23-25 Pond Street, London NW3, and is in existence to this day. The title is now Royal Regiment of Fusiliers.—**D C Whyman, 31 Skenfrith House, Commercial Way, London SE15.**

Vintage Morrisies

As historian for the Morris Register—a motor club catering for owners of all pre-war Morris vehicles—I would like to appeal to readers for information. As part of my researches I would particularly like to contact old soldiers who recall using the small Morris Eight two-seater signals car. Details of the



Regimental plates

Both The Green Howards and The Cheshire Regiment celebrate important anniversaries in 1973 and to mark the occasions the colonel of each regiment has commissioned a commemorative plate in Spode fine bone china. Each of the 10½ inch diameter plates is in a limited edition of 500.

The Green Howards plate marks the centenary of the regimental depot being established at Richmond, Yorkshire, in 1873, and the opening of its new regimental headquarters and museum. Its central design depicts the regimental Colour and badge and the border features an early regimental badge and the badges of four regiments with which The Green Howards are closely associated—The Norwegian King's Guard (King Olav V of Norway is Colonel-in-Chief of The Green Howards), The Danish Life Regiment, The Rocky Mountain Ranger Regiment and another Canadian regiment, The Queen's York Rangers.

Each plate is individually numbered and accompanied by a certificate of authenticity signed by the Marquis of Normanby, Honorary Colonel Commandant of the regiment, and the

Colonel of the regiment, Major-General D S Gordon.

The Cheshire Regiment plate commemorates the presentation of Colours to the 1st Battalion in 1973 and, appropriately, its central design derives from the regimental Colour and features the Cheshire badge beneath a crown and surrounded with a union wreath. At the top of the plate there is a 22nd badge surmounting a border of acorns and oak leaves in gold and buff. This oak motif represents a unique honour bestowed on the regiment at Dettingen in 1745 when King George II was saved from capture by a detachment of the 22nd. A certificate with The Cheshire Regiment plate is signed by Major-General P L de C Martin, Colonel of the regiment.

Decoration on both regimental plates is of 24-carat gold and rich enamels. The plates are being distributed exclusively by Mulberry Hall, of Stonegate, York, YO1 2AW, price £25 each (£26.25 overseas). Orders will be dealt with strictly in order of receipt and, although these are now being accepted, deliveries will not be until March 1973.

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Those pouches

Mr T Nash criticises the BBC (Letters, August) for showing Home Guard personnel wearing "binocular" pouches in "Dad's Army," but I remember that there was a type of equipment used by many of the Home Guard with an ammunition pouch similar to the binocular type but smaller. Perhaps other readers will confirm this.—**K G L Mills, 2 Second Avenue, Bez Valley N, Johannesburg, South Africa.**

Campaign medals

Mr Jack Stokes suggests (Letters, July and August) that the sovereign's head be repositioned on the reverse side of medals, thus leaving free the obverse for a suitable design in keeping with the appropriate campaign. Although a "royalist" in every sense of the word, I would suggest that the appearance of the "head" is meaningless and of little consequence.

Our Queen does not appear on the gallantry awards. Victoria's image on the first military General Service Medal 1793-1814 was a little odd, to say the least, because some of the actions being commemorated had been fought many years before she was even born. Queen Elizabeth II is shown on the British Korea Medal yet the greater part of this was fought during her father's reign and I believe the award of this medal was authorised by him.

On the question of World War Two campaign stars, the Canadian Government declined to issue the standard British award because of its shocking finish, the sharp edges being known to cut fingers and slice holes in Guards officers' tunics.

Regarding ribbon design, whoever thought up the dismal colour combination for the two General Service medals, more suited to a pattern for undertakers' curtains, and what do these colours represent? I should have thought that with the coming of the new GSM in 1962, someone would have had fresh inspiration. It is a wonder that the

ribbon shows up at all on naval uniform; the "old" red-and-white stripe pattern of the naval GSM was much better.—**John B Morris RARO, Hillview, Daventry Road, Kilsby, Rugby, Warwickshire.**

Wot, no fan club?

While reading your excellent article on the reserve officers' competition at Fort George G Meade (October, "At 53 the Oldest and Boldest!"), it struck me that one American marksman (page 23) had dreamed up a secret weapon for dealing with fluffy fore-sights. A battery fan, no less!

On closer examination my excitement evaporated. Maybe the original was a battery fan, but quite obviously the wicked fairy had waved her wand and converted it into a good old-fashioned carbide lamp—an ideal item for producing a dense matt black surface on one's sights. Possibly it also accounted for the apparent look of open-mouthed astonishment on the face of the competitor and the amusement in the background.—**Maj K J Rand ACC, Depot and Training Battalion ACC, St Omer Barracks, Aldershot, Hants.**

The old soldier in your picture is of course blacking his foresight with a carbide lamp. These lamps, which give sights the matte of matt blacks, have been in use on the other side of the Atlantic for longer than over here, so your gaffe is possibly excusable!—**Sqn-Ldr P Biegel RAF, Officers Mess, RAF Laarbruch, BFPO 43.**

★And now the secret's out—of just how we find out whether anyone reads the magazine or not! Both readers absolutely right of course—can't get away with even a leg-pull these days!

Wartime vehicles

Whereas a great deal is written and said about the glamorous military

machines—tanks, guns etc—little notice is taken of the more prosaic army wheeled transport. Consequently little information is easily available about certain vehicles.

I have a great interest in Army vehicles of the 1939-45 period and with two friends am endeavouring to establish and maintain a representative collection of vehicles restored to their original wartime condition. By the interest shown in the first of these, an Austin K2 ambulance, at vintage transport rallies, it is obvious that many people have fond or perhaps not-so-fond memories of wartime vehicles.

At the moment we are working on a Hillman light utility and Morris quad. We have a fair amount of information on the Hillman but so far know very little about the quad—the later type Morris Commercial C8 Mk 5 field artillery tractor, with square body and canvas roof.

I would like to ask any readers who have worked on or driven in this type of vehicle for their recollections of certain aspects of use, finish, stowage of equipment and so on. Any technical information such as handbooks, workshop manuals and photographs would be especially welcome. We have several other vehicles awaiting restoration about which we know very little, but prefer to cross one bridge at a time.—**David J Belcher, 36 Minster Road, Cowley, Oxford.**

Bunker Hill debunked

I was interested in the American re-creation of a British Army field day (October) but I think the writer of the "box" was mistaken when he mentioned "The World Turned Upside Down" as being played by the British regimental bands when General Burgoyne surrendered to the Americans at Saratoga. That tune was played after the surrender of General Lord Cornwallis to the

French and Americans at Yorktown which ended the war.

Nor, I imagine, were Burgoyne's men "surprised" by the surrender at Saratoga; they were out of food and ammunition and surrounded by four times their own number of Americans. Cornwallis's men too were surrounded by four times their own number and also trapped to seaward by a powerful French fleet.

The British Army has had a bad Press, even in its own country, on its exploits in America, because of "wishful thinking" in the many Hollywood epics about the War of Independence and in trashy novels. Serious American historians pay full tribute to the courage, discipline and regimental spirit which enabled the British troops to win most of the battles, often against the odds.

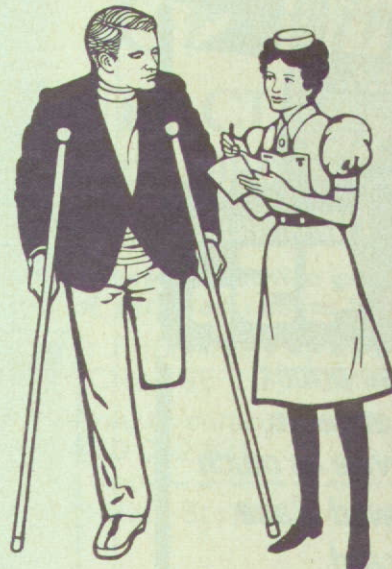
One of the greatest-ever military feats was the storming of Bunker Hill, or more accurately Breed's Hill, near Boston where, after being bloodily repulsed twice, the British infantry and marines routed nearly three times their own number of strongly entrenched American militia. Yet to this day, most Americans and British have the vague idea that Bunker Hill was where the Americans licked the British.

I don't think a battle honour was ever awarded to a British regiment for service in the American war, although they were earned in plenty. Perhaps one of your readers would put me right on this point. I hope that in the publicity that will attend the forthcoming bicentennial celebrations of American independence the 18th century British soldier will be awarded the honour due to him.

A few years ago I saw a play performed in this country in which the author, presumably a reputable American playwright, implied that the British brought in Hessian mercenaries because their own troops were no match for the Americans. The mind boggles at the thought of what that kind of imagination could do while celebrating 1776 and all that!—**W MacGregor, 145 Lower Granton Road, Edinburgh.**

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NEW MEMORIAL AT FLERS

Almost 28 years ago the 11th Armoured Division liberated the town of Flers in Normandy. In May 1970 former members of the Division were invited to take part in celebrations marking the 25th anniversary of the town's liberation. Now, the citizens of Flers have expressed a wish to have a permanent memorial erected on the northern outskirts at the village of St Georges des Groseillers where the action took place which resulted in the freeing of Flers.

The proposal is to complete the memorial in time to mark the 30th anniversary of the liberation by 1974. A site has been given by St Georges des Groseillers; the town of Flers has voted about £15,000 for site preparations and landscaping; the memorial itself is to be provided by the division.

In a circular to old comrades, Major-General G P B Roberts, 11th Armoured Division's war-time commander, writes that it is hoped to raise between £3000 and £4000 over the next 12 months.

A committee has been set up under the chairmanship of Major Bill Close, ex-3rd Royal Tank Regiment, and the appeal fund organiser is Major H Todman, 15 Sudeley Place, Brighton, Sussex BN2 1HF. Cheques or postal orders should be made out to 11th Armoured Division Memorial Fund.

It is hoped that as many members as possible of the division, and their wives, will attend the unveiling ceremony planned to take place in July 1974 and, to help the organisers, names etc, regiment and address,



New crest

This is the new crest of Headquarters, United Kingdom Land Forces, at Wilton, Salisbury. On a red and blue background, it is, at the time of going to press, confined to vehicles, flags etc and does not appear on stationery.

HOW OBSERVANT ARE YOU?

(see page 27)

The two pictures differ in the following respects: 1 Height of "I" in "Clearway". 2 Lower edge of middle tree. 3 Snow on right of lorry's wing. 4 Third "6" in lorry's number. 5 Length of broom handle. 6 Depth of snow on roof of lorry. 7 Length of black area below "cle." 8 Bird's beak. 9 Twig in middle foreground. 10 Length of driving mirror arm.

should be sent without delay to the committee secretary, Major A Davey, Beggars Roost, Hammersley Lane, Penn, Bucks.

SPORTING GESTURES

Would you believe that all seven silhouettes in Competition 170 (July) were taken direct from SOLDIER action pictures of sport? Not, perhaps, if you saw the wide and inventive answers given!

Most obvious was 4 (diving), with only one wrong answer, skiing. Six variants, including rowing, were offered for 1, which was long jumping. Shot and javelin were favourite incorrect answers, with five others, for 3 (weight-lifting) while 5 (boxing) attracted 11 variants including pole vaulting and archery.

The headgear identified 6 (fencing) for most, though there were seven other offers, mainly favouring javelin and shot.

The two silhouettes which caused most trouble were 2 (curling) and 7 (squash). The first of these brought in ten variants with hurdling easily top. The second produced 19 answers, from snooker to tug-of-war, with tennis and table tennis predominating.

Prizewinners:

- 1 B W Pound, Arnwood, 74 St James' Road, Sutton, Surrey.
- 2 Eric N Ritchie, 16 Broadstone Park, Inverness.
- 3 L/Cpl A Flint, 34 Tindill Road, Benbecula, Outer Hebrides.
- 4 Stephen Rose, 84 Hillberry Road, Warlingham, Surrey, CR3 9TB.
- 5 S/Sgt D C Wheatland, LAD REME, 3LI, BFPO 29.
- 6 Sgt M G McGinn RE, 28 CTT, The Dale, Chester.
- 7 Cfn D A MacDonald, LAD REME, 2 RTR, BFPO 17.
- 8 Mrs J Bridle, 26 Beaumont Close, Temple Hardewyke, Leamington Spa, Warwickshire.
- 9 P A Robinson, 16 Lords Lane, Studley, Warwickshire.
- 10 WO1 N J Bridle, 26 Beaumont Close, Temple Hardewyke, Leamington Spa, Warwickshire.

COLLECTORS' CORNER

Wim Bakker, Treubstraat 32, Meppel, Netherlands.—Collects cap badges, medals etc. Particularly interested in acquiring British regimental badges.

Oberleutnant Albert Davy, Leibnizstrasse 17, A 4020 Linz, Austria.—Collects corps and division formation signs, regimental cap badges and rank insignia. Austrian badges etc available for exchange.

Eric Simpson, 100 Trinity Road, Luton, Beds.—Requires SOLDIER magazine Jan 1958 and Jan 1959 also 1958 Army List.

J H Hammerton, College House, Birstall, Batley, Yorks, WF17 9PG.—Collects old British cap badges. Particularly requires 13th Hussars and 25th Dragoons. Exchange available including 26th Hussars and 2nd King Edward's Horse.

Cpl L M Stillman, HQ Mornington Area, Balcombe, Victoria, Australia.—Requires w/m Middlesex Regiment badge, title and button; also collects brass economy issue and plastic badges.

John Walton, Thamesfield Cottage, Russell Road, Shepperton, Middlesex.—Collects military and other early cigarette cards. Will purchase or exchange. All letters answered.

Edmund P D'Andria, Suite 343, 3410 Geary Boulevard, San Francisco, CA 94118, USA.—Requires Britains' Ltd metal toy soldiers and vehicles. Please state price in first letter.

J Lees, 206A, 229 11 Avenue SE, Calgary 3, Alberta, Canada.—Wishes purchase light infantry helmet plates, Regular or Militia, for green cloth helmets, star pattern with Victoria crown.

Maj R F Turnbull, 5104 Goldsboro Drive/7, Hampton, VA 23605, USA.—Wishes acquire World War Two parachutist wings and badges from Austria, Poland, Hungary, Germany, Italy, Slovakia, Roumania and Russia. These required to photograph for book on subject. Has for exchange current para badges several African countries, USSR and others; or will purchase.

H W Goswell, 43 Stanton Close, Earley, Reading, Berks.—Seeks offers for 31 weekly copies, part 32 onwards, of The Standard Illustrated History of the Boer War.

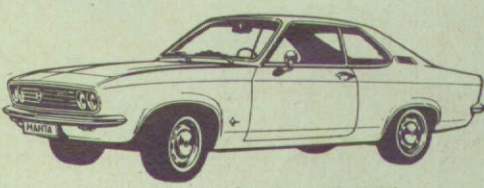
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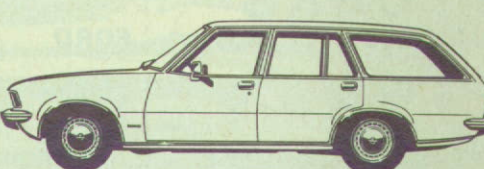
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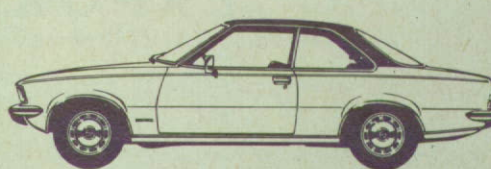
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ON RECORD



"A Night at the Opera" (The Concert Band of The Life Guards) (Director of Music: Captain A J Richards) (Philips 6308 108)

In the continuing story of The Life Guards—Captain Tony Richards—Arthur Frewin-Cy Payne series of up-dated arrangements of old melodies here is another disc for the whole family, this time of sugar-plums from popular operas.

How far can one go when re-arranging the classics?

The change of scoring is of course accepted but can one alter the harmony of a genius like Verdi and get away with it? Personally I think not, especially when it can hardly be for the better.

Cy Payne, a highly gifted young man, gives Wagner's old warhorse "The Ride of the Valkyries" a facelift of outrageous proportions and does get away with it. This work could hardly be spoiled anyway but on the other hand the lovely prelude to Act I of "La Traviata" is perfect as it stands; bad enough to have to lose the string tone without the gratuitous harmonic tinkering.

Two other Verdi extracts are the prelude to Act III of "La Traviata" and the early "Nabucco" overture.

Whereas the latter, not one of the maestro's most inspired works, could have even benefited from some of the more exotic of the arranger's ideas, I feel the much better-known "Barber of Seville" overture suffers from such incongruities as the use of vibraphone and xylophone.

All the great arrangers (Elgar's Bach, Stravinsky's Pergolesi, Respighi's Rossini) transform the original completely to their own styles without incongruity. The arranger must either do that or else arrange as near to the composer's original as possible. Anything in between is in danger of being at best comic, at worst disastrous. Gracie Fields's "Rigoletto" was a scream, Fiona Clutterbuck's "Bless This House" a catastrophe—which goes for Nicolai's "Merry Wives of Windsor" overture on this record.

The ever-popular "Nuns' Chorus" from "Casanova" and "Soldiers' Chorus" from "Faust" complete the disc.

This series is on the right lines and very acceptable in the main but your Ketelbeys are fair game, your Verdis and Rossinis are not.

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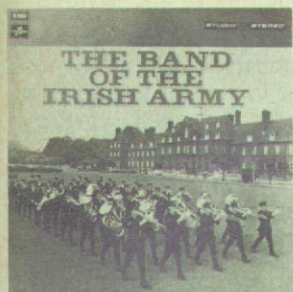
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THE BAND OF THE IRISH ARMY



"The Band of the Irish Army" (Columbia Studio 2 Stereo TWO 375)

This is the first Irish Army record to come my way and it is a sad state of affairs that we (or at least I) know little or nothing about Irish military music.

On the evidence of this record all is very well with Irish bands. The sleeve notes are a little vague but there appear to be a No. 1 Band (this one), three command bands and an army school of music plus sundry pipe and fife bands. Since there are three conductors, all colonels, involved on this LP, yet none is a serving director of music, it is all somewhat confusing.

The record opens brilliantly with variations in march form of the tune "Finnegan's Wake" by one Potter. I must learn more about him for this LP is worth your money for this piece alone. After this I am afraid none of the other arrangements, all based on Irish folk melodies, quite live up to this standard. The touch of Irishry is never again so evident but nevertheless the items are very well presented.

After "Finnegan's Wake" we have three more short march medleys, the first, "Erin Remembers," by Fritz Brase, the first director of the Irish Army School of Music. "The Dawning of the Day" includes "Star of the County Down" and "Claire's Dragoons" while "The Peeler and the Goat" is based on that tune and "Johnny I Hardly Knew Ye" ("When Johnny Comes Marching Home") and "Beside the Anner." Two fantasies follow, "The Camp by the Shannon" and "Battle Hymn of Artane," written to commemorate Brian Boru's victory at Clontarf.

"Molly Bloom," "Flag of Freedom" and "Ireland Marches On" are three more march medleys, the first using airs all associated with Dublin and Joyce's heroine. "Kerry Boys" is

a march composed and conducted by Colonel J M Doyle. Finally a "Wexford Rhapsody" which includes the insurrection ballads "Boolavogue," "Croppie Boy" and "Kelly the Boy from Killane," conducted by Lieutenant-Colonel J Doherty.

Definitely for your collection.

RB

"Tanks in Concert" (The Alamein Staff Band of the Royal Tank Regiment) (Conducted by Captain D R Kimberley) (Guest artistes: Anna Gabrieli (soprano) and Peter Elvins (bass) of the Osnabrück Opera Company)

Making this regimental recording in Osnabrück, Captain Kimberley uses guest artistes from the local opera company to add variety to his programme, Anna Gabrieli giving us the beautiful "My Bonnie Bonnie Boy" and Peter Elvins the Cornish "Floral Dance" with its fiddles, trombones and big bass drums—bassoon, flutes and euphoneums. Their duet is from the opera "Daughter of the Regiment."

Unhappily the recording is far from perfect and neither they nor, I suspect, the band are heard to advantage.

The music is all associated with areas in which tank regiments have been stationed or from where they mainly recruit. Which accounts for Alford's "Army of the Nile," "Johnny Todd" (the Z cars tune which some say comes from Yorkshire), and two abortive efforts to emulate "Amazing Grace," "Highland Cradle Song" and "The Old Rustic Bridge" use the same format of solo piper and band but never come within a mile of the sheer simplicity and "rightness" of "Amazing Grace;" the accompaniments are far too fussy and the production too self-conscious.

Popular-type items are "Till," theme from the film "Love Story," two solos, "Trombones Trocadera" and "Caribbean Cornets" by Captain T Kenney and, believe it or not, an item by pop idol Ludwig van Beethoven, his "Ode to Joy."

Four items of regimental music make up the remainder—the regimental slow and quick ("My Boy Willie") marches, "Lippe Detmold" and a new slow march for the 1st Royal Tank Regiment, Captain Kimberley's own "Red Lanyard."

This LP is available from PRI, 1 RTR, BFPO 36, for £1.50 including postage.

RB

"Songs of Joy and Peace" (West Mercia Male Voice Choir) (Conductor: Jack Cleevely), Wingates Temperance Band (Conductor: Dennis Smith), Christine Perry (piano), Deryk Langford (organ) (Polydor Carnival 2928 009)

Whenever I see a film or show described as "for the whole family" or a record, as here, as "an album of family music," I know it is not for me. To a hard-bitten professional musician the tunes have nothing further to offer.

But those of you who remain unscarred by the acid of over-exposure could do no better than buy "Joy and Peace." It will give you both. The very first item has set feminine hearts a-throbbing. It is the "Onedin Line" theme, by Khachaturian, played by the reigning national champions, Wingates Temperance, and very romantically played too.

The band then plays a favourite old overture, "Stradella," and an even greater favourite, the intermezzo "Narcissus," beloved of all maiden aunts and going "ti-da, ti-da, ti diddle-di-dum ti-da." Two Sullivan excerpts cater for all Savoyards—"March of the Peers" from "Iolanthe" and "With Cat-Like Tread" from "Pirates of Penzance," sung by the choir with band and piano accompaniment respectively.

The choir then takes over with the "Pilgrims' Chorus" from "Tannhäuser," "Jerusalem," a version of "Amazing Grace" and Doris Arnold's arrangement of "Abide With Me." A rousing finish has, for a change, a choral version of "Trumpet Voluntary," and Leslie Woodgate's arrangement, with band, choir, piano and organ, of "Rule Britannia."

Not, as the sleeve claims, a musical feast to suit all tastes, but certainly a feast for those who enjoy their sweetmeats.

RB







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EXERCISE PARASHOT

THE annual Rhine Army parachuting and patrolling contest—Exercise Parashot—attracted eleven four-man teams this year to compete for five gruelling hours for the Daily Telegraph challenge trophy.

The teams parachuted from a Beaver aircraft to get as close as possible to a small dropping zone. On the ground they collected 35lb bergens and rifles and set off on a 12-mile orienteering course in the rugged Teutoburger Hills near Sennelager. The teams had to move tactically as a patrol during this speed test, taking on several tasks along the way. These included treating a "casualty," blowing up an "ammunition dump" and reacting to an "ambush." At the half-way point the patrol leaders had to rendezvous with two Scout helicopters and navigate their teams from the air over a three-mile route. The contest ended with a shoot on ranges.

Teams entered from many units not normally associated with this sort of competition and included men from the Royal Artillery, Royal Signals, Royal Electrical and Mechanical Engineers, Royal Army Ordnance Corps and Royal Army Medical Corps.

The winners were from 7 Ordnance Field Park, Royal Army Ordnance Corps, and runners-up, the A team of 16 Light Air Defence Regiment, Royal Artillery. Third equal were 32 Heavy Regiment, Royal Artillery, and 39 Missile Regiment, Royal Artillery.

Left: Double extractor drogues for speedy deployment are seen on top of the 'chute.

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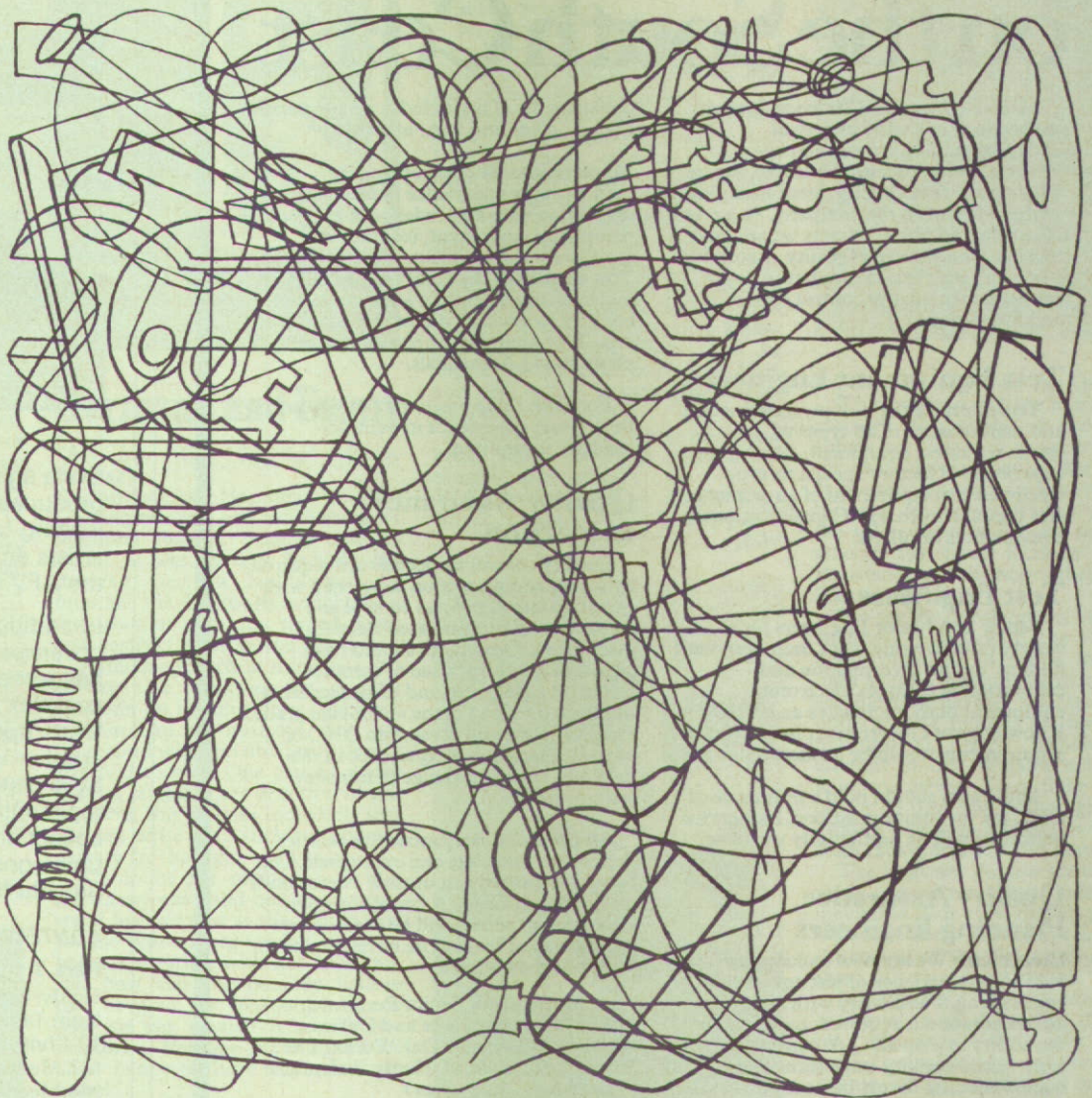
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Here for your amusement—and there are bumper prizes to be won—are the outlines of a number of familiar objects. Obviously that's a nut (bolt-type) near the corner. How many more outlines can you pinpoint?

Send your list, with the "Competition 175" label from this page and your name and address, to:

SOLDIER (Comp 175)
Clayton Barracks
Aldershot
Hants.

This competition is open to all readers at home and overseas and closing date is Monday, 12 March 1973. The answers and winners' names will appear in the May 1973 **SOLDIER**. More than one entry can be submitted but each must be accompanied by a "Competition 175" label. Winners will be drawn from correct entries.

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Marconi Space and Defence Systems are engaged in a wide variety of underwater, military and aerospace projects mostly of a sophisticated nature. This means that Quality Assurance plays a vital role within the company. As a result of substantial new contracts we are now looking for additional Quality Assurance engineers who have a number of years experience in quality control on test and inspection.

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CALAIS 1940



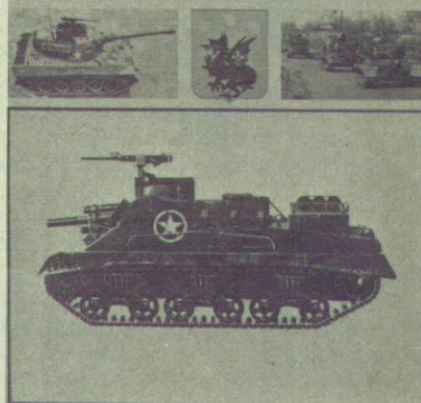
To the gallant defence of Calais in 1940 Sir Winston Churchill attributed the safe withdrawal of the British Expeditionary Force from the Dunkirk beaches. The Royal Green Jackets bore the lion's share of the Calais battle and to commemorate the action The Rifle Brigade Club and Association commissioned from Terence Cuneo the painting illustrated left in black-and-white.

Colour prints of this painting are available to SOLDIER readers at £1 including postage (UK and BFPO) and £1.17 (elsewhere). Within a white border the print area is 16 x 11½ inches.

Orders, accompanied by UK cheque/postal order, money order or international money order, made out to "SOLDIER Magazine," should be sent to SOLDIER (RB5), Clayton Barracks, Aldershot, Hants.

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Volume 4: American AFVs of World War II



Once again Duncan Crow has produced along with his team of leading tank specialists and Profile artists an excellent volume in the AFV's of the World Series.

In addition to the comprehensive coverage of the AFV's, the editor has researched and recorded the complex details of the U.S. Cavalry Units from 1917-64. This is another unique record—supported by 4 pages in full colour of the regimental badges. This superb collection of Coats of Arms and unit signs has rarely been seen outside the U.S.

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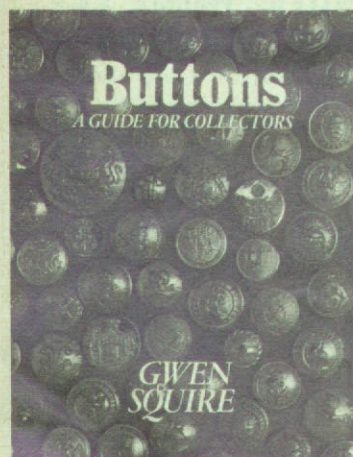
"Buttons: A Guide for Collectors"
(Gwen Squire)

Possibly because it is not so expensive as building up a collection of badges, button-collecting has become an increasingly popular and fast-growing hobby. It offers an enormous range to the enthusiast and there is the added advantage that it can be displayed in a relatively small space.

This handsome volume opens with an interesting introduction tracing the evolution of uniform buttons from the latter half of the 17th century to the present day. With the aid of 100 plates the author graphically illustrates the astonishing variety of material available for study and identifies some 3000 buttons drawn from an extensive range.

Apart from a large and very comprehensive section on British military buttons, there are air force and airline buttons, maritime and police buttons, fire brigade and civic transport buttons to mention but a few of the many different types covered. Also included are the buttons of foreign and Commonwealth armies, county and town crests and American state seals. Even railway and golf club buttons have their place in this indispensable work of reference for the keen collector.

Frederick Muller Ltd, 110 Fleet Street, London EC4, £4.25 JFPJ



Hermann and Emmy

"My Life With Goering" (Emmy Goering)

Reichsmarschall Hermann Wilhelm Goering was one of Nazi Germany's founding fathers. Second man to Hitler, it was he who brought the dreaded Gestapo into being; he founded the Luftwaffe which, for a few years at any rate, rained death and destruction from the skies.

With this record in mind one can perhaps be forgiven for a little cynicism on reading Frau Goering's memories of her husband. She was his second wife and obviously deeply attached to him. One cannot doubt that he returned her devotion in full measure. But it seems incredible that she can write with such transparent naivety in the light of history.

No doubt her memories of him are happy ones and one can understand her torment as she waited first for the Nuremberg verdict, then for her last meeting with her husband. But how can she possibly believe that he died for Germany? She is now an old woman left with her memories. Perhaps she would have done better to have kept them to herself.

David Bruce & Watson Ltd, 277-9 Grays Inn Road, London WC1, £2.50 JCW

Decisive Amiens

"The Battle for Europe 1918" (H Essame)

In the spring and early summer of 1918 the Germans mounted a series of massive offensives as Ludendorff tried to achieve a breakthrough. He

hit the allied armies hard but they withstood the attacks. True, they lost some ground, but by early August were ready to return to the offensive and on the 8th, just four years and four days since the war began, they won the battle of Amiens, regarded by many historians as the only decisive battle of the Western Front.

For the first time military defeat stared Germany in the face. Ludendorff, for the first time, lost his grip and offered his resignation.

Three months later they admitted defeat. The allies had never lost faith in victory, but the victory at Amiens restored the soldiers' faith in their high command.

Major-General Essame pays a spirited tribute to the allied soldier—British, Canadian, American, Australian—and says it was his high quality which proved decisive, not the primitive tanks so dear to Fuller and Liddell Hart. Nor does he accept the orthodox view that Haig and his fellow commanders were callous mediocrities.

This is a lively, human and lucid book which deserves the widest possible readership.

B T Batsford Ltd, 4 Fitzhardinge Street, London, W1H 0AH, £2.70 JCW

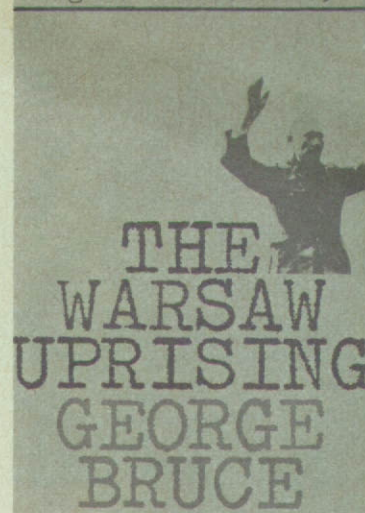


Death of a city

"The Warsaw Uprising" (George Bruce)

The surrender of the Polish Home Army on 2 October 1944 brought no disgrace to anyone. It came at the end of a terrible struggle in which a quarter of a million citizens of Warsaw died in a vain bid to free

1 August-2 October 1944



their ancient city from the Germans.

This battle, now little more than a memory to people of the West, comes hurtling back to reality under the swift-moving pen of Mr Bruce. It is a tangled story interwoven with the web of pre-war Polish politics, the interplay of emotions and fears among the rival factions of the Resistance and the hopes they had of East and West.

We see the development of a "two enemies" policy with the Russians being regarded in much the same light as the Germans. Most of all we see the unbelievable courage of the underground fighters as, hopelessly ill-equipped, they launch their attempt to free Warsaw before the Russians arrive. They fight on and on for 63 days and nights, gradually ground down by a ceaseless barrage from tanks, artillery and bombers.

The Russians did not arrive. They made no move. And defeat was inevitable. But even the SS general, Von dem Bach-Zelewski, recognised the valour of the Poles and granted them full combatant rights.

Mr Bruce's book will stand as a memorial to all those who died and to a city which died only to rise again, painstakingly restored by a people whose spirit will never be crushed.

Rupert Hart-Davis Ltd, 3 Upper James Street, London, W1R 4BP, £2.95 JCW

101st Airborne

"D-Day With the Screaming Eagles"
(George E Koskimaki)

This is the epic story of the American 101st Airborne Division on one day in its life—6 June 1944. It amounts to a truly astonishing

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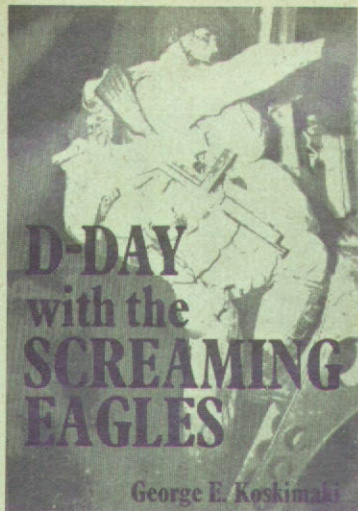
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Clayton Barracks, Aldershot, Hants.



compendium of the experiences of hundreds of Screaming Eagles. In compiling it, Mr Koskimaki, who was General Maxwell D Taylor's radioman with divisional headquarters, has contacted hundreds of his old comrades from General Taylor down to the lowliest Pfc.

The result is one of the most ambitious forays into military history by a non-professional that I have ever read. Packed into just over 400 pages are hundreds of eye-witness accounts of D-Day. It is of necessity a patchwork, but it compares well with the episodic style of Cornelius Ryan or Walter Lord. In some ways it is superior because the author, too, was there.

Mr Koskimaki recalls his own exit from the C-47. General Taylor, who had slept all the way to the dropping zone, jumped No. 2. The

author went out No. 5 and felt that every gun in Normandy was pointing at him.

The drops were scattered and many of the assemblies failed, but the Screaming Eagles fought the Germans wherever they found them, forming themselves into ad hoc squads and platoons. Mr Koskimaki allows that it probably was not the most exciting day the Screaming Eagles experienced. But it was their baptism of fire, the day they became fighting soldiers.

Bivouac Books Ltd, 25 Earl Street, London EC4, £2.75 **JCW**

"Overland train"

"The Observer's Military Vehicles Directory" (Bart H Vanderveen)

With a driving cab looking something like a ship's bridge, ten 15-ton cargo cars and two power-generating cars, the Carrier, Cargo, Logistical (LeTourneau) experimental "Overland Train" must be the longest military vehicle ever built. Four Solar 10MC 1170-shp gas turbines drove the generators which powered the Overland Train's 54 electric wheels. It had a crew of six.

It could carry a payload of 150 tons at between 15 and 20 miles an hour up to 400 miles. It was built in 1962 by R G LeTourneau Inc for the United States Army Transportation Research Command.

The same command commissioned LeTourneau to build a Retriever, Landing Craft, an ingenious vehicle used for rescuing immobilised vessels from surf or sand.

These are but two of hundreds of fascinating military vehicles in this unique and comprehensive reference

book of military transport. And one is constantly surprised by the number of vehicles developed for military use which find their way into just as valuable employment in Civvy Street.

The accent is on "soft skin" general purpose and special equipment vehicles, but also included are armoured cars and armoured personnel carriers. Although there are some World War Two vehicles, the majority are post-1945. Each is listed with general data and there are some 1240 pictures.

Frederick Warne & Co Ltd, 40 Bedford Square, London, WC1B 3HE, £2.50 **JCW**

THE OBSERVER'S MILITARY VEHICLES DIRECTORY FROM 1946



Drabber and drabber

"Military Fashion" (John Mollo)

This splendidly produced book is a comparative study of fashion in military uniforms as worn by the six great standing armies of Europe from the 17th century to 1914.

Gunpowder and the consequent demise of armour led to the concept of a mass-produced uniform clothing designed for a specific military purpose. At first drab and workaday, these uniforms gradually acquired a flamboyance and panache which

reached a peak of extravagance in the Napoleonic wars. This was a time when monarchs and military magnates indulged their sartorial fancy and often became leaders of martial fashion. The Prince Regent, later George IV, devoted much time and energy to the designing of new uniforms and the Earl of Cardigan, of Balaklava fame, lavished huge sums on fitting out his 11th Hussars in the gorgeous uniforms they wore in the mid-19th century.

Social upheavals in Victorian England heralded the twilight of the peacock period which gave way to a revival of more practical wear although many reminders of a more picturesque past can be detected in present-day full-dress uniforms. But the general current trend is well expressed in the author's final chapter, "Drabber and Drabber."

Mr Mollo, an internationally

MILITARY FASHION JOHN MOLLO



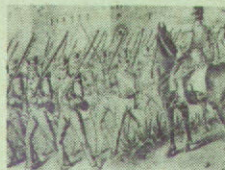
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recognised authority on military dress, has given us a scholarly work which does much to simplify a complex subject. The practical origins of British and Continental uniforms are skilfully and entertainingly outlined by they tunic or helmet, sabretache or shako. European styles also played their part in the evolution of American military fashion and this aspect of Mr Mollo's subject contributes to an interesting section of the book.

A pleasing feature of this latest asset to the bookshelves of collector, military historian and, not least, designer, is the quality of the many illustrations, some of which delight the eye with their glowing colour and warmth of tone.

Barrie & Jenkins, 24 Highbury Crescent, London, N5 1RX, £6.95
JFPJ

Oshima Maru

"The 40 Days" (Oswald Wynd)
Courage, endurance, honour and loyalty have different meanings in Western and Japanese terms. Defeat and capture are inglorious perhaps to the Westerner but if he has done his best there is little shame attaching to him. To the Jap they represent the ultimate disgrace.

Mr Wynd, Tokio-born, a long-time student of the Japs and their prisoner for three years, explores Western and Japanese attitudes in this gripping tale of the aged freighter Oshima Maru and her voyage from Singapore to Yokohama with 1200 prisoners, mostly British, packed in her holds.

Scheduled to make her run in 40 days, she encounters storms and comes under air and submarine attack. Prisoners and captors face these ordeals together as Mr Wynd pierces the minds of three main protagonists—the senior British officer, a peacetime hotel-keeper; Major Hirado, a military aristocrat in the Samurai tradition; and Michael Warren, whose knowledge of Japanese places him in the middle, an object of special attention to the Japs and of suspicion to his fellow-prisoners.

Mr Wynd brings two different worlds together in a brilliantly told story which could well become a classic of its kind.

William Collins, Sons & Co Ltd, St James's Place, London SW1, £1.80
JCW

Further frontier

"Soldier in the West" (Edited by Robert V Hine and Savoie Lottinville)

The central issue in America in the 19th century was the Frontier. Patriots cast envious eyes on California, Mexico and Oregon. One man who witnessed the acquisition of these territories between 1845 and 1853 was Theodore Talbot, whose letters to his mother have survived.

Talbot, a bachelor and Roman Catholic completely dominated by his mother, met mountain men, French trappers, Cheyennes, Comanches and Utes. He took part in a buffalo hunt, crossed the Rockies, fought against Santa Anna in the "Bear Flag" revolt, rounded the Horn in a steamer, joined the Emperor of Brazil in midnight mass and attended the court of the King of Hawaii.

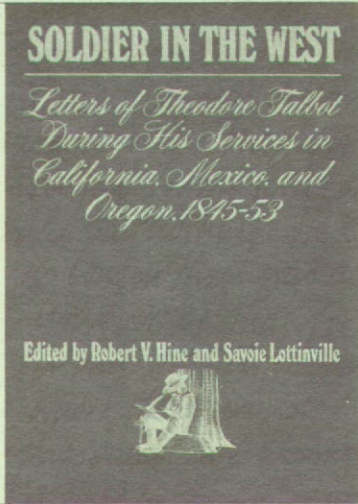
Although he was a born Romantic, Talbot became a soldier and served his country well. He felt a genuine sympathy for the Indians and had enough common sense to appreciate that the discovery of gold in the

desert would encourage his men to flee the Colours.

Although his tale sounds like a romantic adventure, Talbot would have been the first to admit that it was mainly monotony and frustration. Oddly, that is the way great empires are acquired.

An interesting book with excellent footnotes. More maps would have been helpful.

Bailey Bros & Swinfen Ltd, Warren House, Folkestone, Kent, £4.00
AWH



For the connoisseur

"America's Fighting Men" (Harold Peterson and Peter Copeland)

This is a delightful and unusual collection of paintings of the uniforms worn by America's fighting men—military and naval—from 1607 to 1865. They are the work of Peter Copeland, historical illustrator for the Smithsonian Institution, who has succeeded in combining caricature, in some cases positively grotesque, with historical accuracy.

The essence of caricature is exaggeration for a humorous effect: the high stiff collar that keeps the soldier from turning his head; the impressive cap falling over the eye; the determined—if baffled—expression; the somewhat less than heroic physiques. Features such as these are skilfully and with a fine sense of fun brushed into the 24 prints which form the collection. To enjoy their full savour, Copeland's paintings should be mulled over and returned to so that previously undetected subtleties and quirks come to light. There is the comically stern, slightly suspicious, look of an overweight officer of Jefferey's Regiment of Foot; the roguishness of an 1861 private of the Rough and Ready Guards of North Carolina; or the elderly and harassed sergeant of the Corps of Invalids.

Accompanying the prints are drily humorous notations in a separate book by Harold L Peterson, an authority on American military history, uniforms, accoutrements and arms, which in more serious vein gives a brief historical background to each of the subjects illustrated and adds a black-and-white sketch for easy reference. But it is the Copeland prints, each about 13 by ten inches and drawn in a style slightly evocative of Arthur Rackham's illustrations for such Edwardian children's classics as "Peter Pan" and "Alice in Wonderland," that are the true delight of this collection for connoisseurs.

The plates were destroyed after printing, which gives each individual print a value in itself. Printed in a



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signed limited edition of 1000 copies, the portfolio is conveniently housed in a dark-blue cloth-bound box. Costly, yes, but this high quality production should prove difficult to resist.

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Soldier's eye view

"Four Months in Winter" (David Barzilay and Michael Murray) The four months were those of a unit's stint in Northern Ireland—2nd Battalion, The Royal Regiment of Fusiliers, in Belfast between October 1971 and February this year. So regular are the stints that the Fusiliers were on another by the time the book was published.

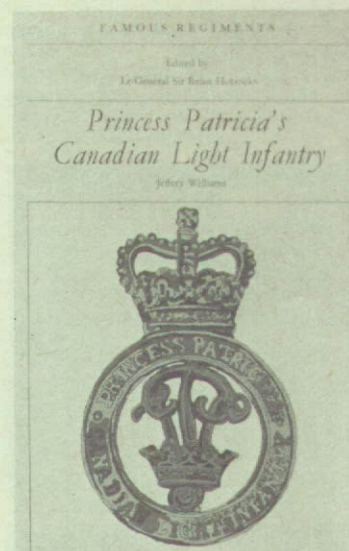
This is very much a soldier's-eye view of the operations. There are accounts of the discovery of an arms cache, a patrol among the stone-throwers, and the night 15 bodies were taken from the rubble of McGurk's bar and a fusilier officer was mortally wounded by a gunman.

There are sections on accommodation, the unit press officer, the unit carpenter who mends doors broken open during searches, the intelligence section, the padre, the doctor, and the rations and the men who cook them. Most revealing of all is a simple essay, by an anonymous fusilier, entitled "My Feelings."

This is not a very slick production and its honesty is the more apparent for this reason. The text is backed by a hundred good pictures, many of which are of the kind all too familiar to newspaper readers but which gain in impact from being brought together. The first edition

sold out and the book has been reprinted.

Available in UK from W H Smith bookshops, 75p; overseas inquiries to Regimental Secretary, HQ RRF, Tower of London, London, EC3N 4AB RLE



Captain Gault's men

"Princess Patricia's Canadian Light Infantry" (Jefferey Williams) When war was declared in August 1914 the news was enthusiastically received in Canada. A Captain Andrew Gault offered to raise a regiment at his own expense and from all over Canada they came to enrol—bear hunters from the Yukon, cowboys from Alberta and professors from McGill University.

Some even hi-jacked a train to take them to the depot. It was inevitable that with such men Princess Patricia's Canadian Light Infantry was destined to become a "crack" unit.

Even Ypres did not dampen their spirit. Their fighting patrols struck fear into the hearts of the enemy. Neither chlorine nor bombardment could clear them from Fresenberg Ridge or Sanctuary Wood. They were at Vimy Ridge and Passchendaele and saw equally savage fighting at little-known Flers-Courcelette. With three Victoria Crosses and more than 300 enlisted men commissioned in the field, they deserved Canada's admiration.

In World War Two came Sicily and Italy with vicious action at the Moro, the Gully and the Gothic Line. Transferred to North-West Europe, "Princess Pat's" fought in the Reichswald Forest and were the first to enter Amsterdam. Three battalions were involved in Korea and proved at Kap Young they were every bit as good as their fathers. Now Princess Pat's have joined the peacekeepers in Germany and Cyprus.

Another interesting addition to the "Famous Regiments" series. Leo Cooper Ltd, 196 Shaftesbury Avenue, London, WC2H 8JL, £2.10 AWH

In brief

"The Origins of Military Aldershot" (Lieutenant-Colonel Howard N Cole) Published in the golden jubilee year of the Borough of Aldershot, this souvenir booklet consists of 15 reproductions of old prints and engravings of military Aldershot in its early, formative years. The interesting explanatory notes facing each illustration are a modest but worthwhile contribution to the domestic history of the Army in those far-off days long before Aldershot came to be known as "The Home of the British Army." Aldershot Golden Jubilee Committee 1972, Public Library, High Street, Aldershot, Hants, 75p

"The Conduct of War 1789-1961" (Major-General J F C Fuller) The author first made his mark as a controversial writer in his essays as a Staff College student, when he was told it was not his duty to amend Field Service Regulations. He was one of the disregarded prophets of the tank in World War One and after, and left the Army to write. In this book (first published in 1961) he studies the impact of the French, Industrial and Russian revolutions on war and its conduct, and carries his thinking through to the nuclear and technological age. This is one of the Open University's set books. Eyre Methuen Ltd, 11 New Fetter Lane, London, EC4P 4EE, paperback £1.50, hardback £2.95

"Gun Carriages: An Aide Memoire to the Military Sciences 1846" (R J Nelson)

A booklet resurrecting a half-forgotten corner of military science in Victorian England, this "aide memoire" is strictly for the fanatic. Charts, tables and technical drawings form the bulk of the book which might inspire a model maker looking for a new challenge. The material came originally from a Royal Engineers series of treatises on military technology published in six volumes between 1846 and 1851 with the title "An Aide Memoire to the Military Sciences."

Frederick Muller Ltd, Ludgate House, 110 Fleet Street, London EC4, £1.50

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TO test a brand new concept in airborne operations, nearly 40 Hercules aircraft flew a hedgehopping mission carrying two battalion groups of paratroops on the largest overseas airborne assault by British troops since World War Two.

Soldiers of 16th Parachute Brigade, joined by 120 men of 44th Parachute Brigade, Territorial Army Volunteer Reserve, and aircrews of RAF Strike Command's 46 Group, formed the United Kingdom Joint Airborne Task Force (UK Jatfor) which sped from England to Denmark on Exercise Ruby Signet.

This new joint Service surprise attack force is designed to deploy troops at speed, and under one commander, to any part of the NATO area. It is the first independent RAF/Army unit of its kind.

The special task force put in months of training to develop the techniques which would give it the maximum surprise effect in battle. One of the major problems was to "hide" the massive Hercules transports from enemy radar. This was tackled by flying at virtually hedgehopping height of some 300 feet to duck hostile scanners.

After a three-hour flight the aircraft swooped over Zealand, Denmark, in two waves to deliver some 1600 men with 80 vehicles and guns. Low-level flying in turbulent air can be uncomfortable for the soldier in full kit but reports that the exercise was hit by air sickness among the paratroops proved unfounded. A mere 14 men failed to jump. Only one of them was ill and it was not certain that even he was suffering from air sickness.

