



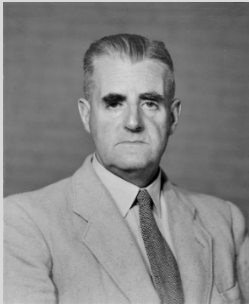
The Military Survey (Geographic) Branch

Royal Engineers Association

Autumn Newsletter 2022 – issue 85

'The Pete Dawes Quiz'

In the Spring Newsletter issue 83 we published a series of portraits for which we were seeking names. Thanks mainly to Mike Nolan we were able to put names to nearly all the portraits of Commandants and Chief Instructors of the Royal School of Military Survey (RSMS). We have also added brief CV's to the portraits and ask members to check the details and advise the Editor of any errors or if they have any additional information. It is hoped that in the future the portraits can be added as an Annex to the updated history of the RSMS.



1.
Shewell H A L
Maj OC No 1 STU RE 1940
Lt Col Commandant 1940-41



2.
Elkington E B ??
Col DD Svy HQ MEF 1944
Col DD Svy HQ Ninth Army
1945
Col DD Svy HQ Pal & TJ 1945



3.
Belfield Colin
Lieut GSGS
Maj OC 13/520/517/19 Fd Svy Coy
Maj DAD Svy HQ Force 686 1944
Lt Col CO 42 Svy Regt 1948
Lt Col STC RE



4.
Davies ??



5.
Smith W P
OC 519 Svy Coy RE 1945
Colonial Surveys 1946
Lt Col CO 135 Svy Regt TA 1957
GD OS 1977
CB OBE FRICS





7.
Moore H C O'Hara
Maj OC 13/512/514 Fd Svy Coy
Lt Col OC 512 Fd Svy Coy 1943/45
Lt Col AD GHQ MEF 1945
War Office
Lt Col Commandant STC 1947-49
OBE



8.
Metford F O
Maj OC 19 Fs Svy Coy 1932/33
Lt Col OC 512 Fd Svy Coy
Col DD Svy HQ Ninth Army
1944/45
Brig OS
MBE



9.
Burnett D I
Maj OC 14/516 Fd Svy Coy
Lt Col OC 512 Fd Svy Coy 1945
Lt Col AD Svy AFHQ
Col DD Mil Svy
OS/AFCENT
MBE MinD



10.
Seymour W A
Capt 2IC 518/13 Fd Svy Coy
Capt Svy Dir MEF 1944
Maj OC 14 Fd Svy Coy 1949/51
Lt Col CI 1953/54
Lt Col Commandant 1954/56



11.
Neale M A
Capt AI Carto & Air Svy 1973/74



12
Dunne A D M
Lt Col Commandant 1965/67
MBE



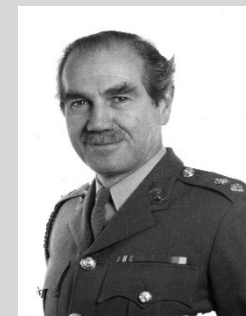
13
Gardner-Hill R C
ASC 1954/55
Capt OC Fd Trials 1957/58
Lt Col CI 1966/67
Lt Col Commandant 1967/69
OBE



14
Mackenzie I C C
Lt Col AD Svy FARELF
Lt Col Commandant 1962/64



15.
Hanson E A
Lt Col Commandant 1965
MBE



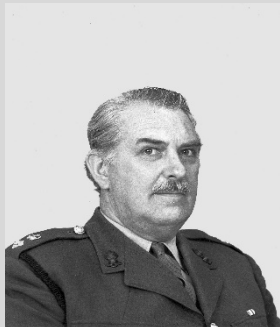
16.
Coulson J S
ASC 1953/54
Capt OC 47 (GHQ) Sqn 1955/57
Maj ASLS UK 1962/63
Maj OC 84 Svy Sqn 1963/65
Lt Col CI 1967/69
Lt Col Commndant 1974/76



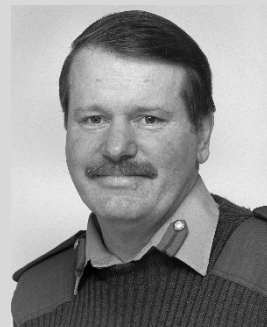
17.
Halliday E X
Capt Svy Dir GHQ MELF
Maj OC 13 Fd Svy Sqn 1960/62
Lt Col Commandant 1969/72
MBE



18.
Silberrad R M
ASC 1956/57
Maj OC ASLS UK
Maj OC 14 Field Sqn 1963/65
Lt Col Commandant 1972/73
MBE



19.
Henshaw J L
ASC 1955/56
Maj OC 14 Field Sqn 1968/70
Lt Col Commandant 1976/78



20.
Walker P
ASC 1978/79
Maj OC 14 Topo Sqn
Lt Col
Brig
OBE



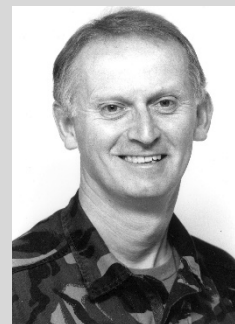
21.
Hoon A
ASC 1977/78
Maj OC 14 Topo Sqn
Brig



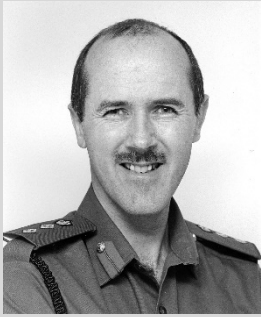
22.
Attwater D
ASC 1980/81
Maj OC 13 Topo Sqn
Colonel



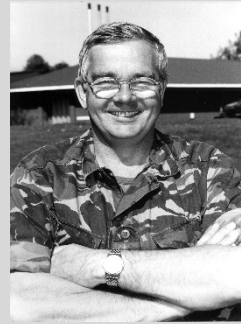
23.
Wood R
ASC 1960/61
Col Geo Engr Group
Maj Gen Director Mil Svy 1990/92



24.
Rigby N
ASC 1983/84
Maj OC 14 Topo Sqn
Maj OC 14 (UK) Topo Sqn (Gulf)
Comd GEG
Brig



25.
Dorman C G
ASC 1983/84
SO2 I BR Corps 1990/1991
Col Geo Engr Group



26.
Cross A
ASC 1980/81
Maj OC 14 Topo Sqn
Comd GEG
Col Corps Colonel



27.
Stewart T H
ASC 1960/61
Maj OC TTS JARIC
Lt Col Commandant 1978/80



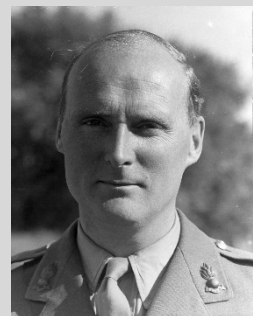
28.
Croft J
ASC 1965/66
Maj OC 13 Map Production Sqn
Lt Col



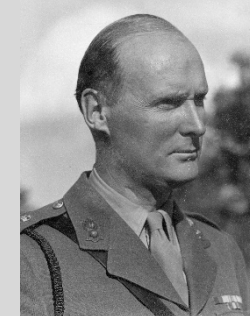
29.
Irwin B Sr G
Maj OC 517 Fd Svy Coy 1943
Maj OC 514 Fd Svy Coy 1945
Lt Col OS
Lt Col CO 42 Svy Engr Regt
1956/59
Col DS Svy NE&ME
Col OS 1963/65
Brig Dir Mil Svy 1965/69
Maj Gen DGOS 1969/74
DGOS Civilian 1974/1977



30.
Elder J
ASC 1969/70
Maj OC 1 ASLS 1974/76
SO2 I BR Corps 1977/78
Brig



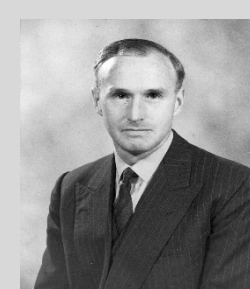
31.
Codd



32.
Codd D



33.
Davies C K ??
Lt Col Commandant 1941/43



34.
Rawlence J T
Maj SI Geodosy & Trig 1950/51
Lt Col Commandant 1952/54
MBE



35.
Sexton F M
Capt Adjt 1947-48
Lt Col CO 42 Svy Regt 1963/64
Maj Gen Dir Mil Svy 1977/80



36.
Walmesley-White A
Maj OC 19 Topo Sqn 1948/49
Maj SI Litho & Print 1952/53
Maj SI Fd Svy Sch 1953/54
Lt Col CI 1954/56
Lt Col CO 42 Svy Regt 1959/62
Brig Dir Mil Svy 1969/72



37.
Read J
ASC 1971/72
Maj OC ASLS UK 1975/77
Maj OC 14 Topo Sqn



38.
Charles N H
ASC 1959/60
Capt Tp Offr 89 Svy Trg Sqn
1963
Maj SI Litho Print Sch 1967/70
Lt Col



39.
Thompson C N
ASC 1962/63
Maj Washington
Lt Col Washington
Lt Col CO 42 Svy Regt 1975/77
Maj Gen Dir Mil Svy 1984/87



40.
Neale
Maj OC 14 Field Sqn 1958/61
Lt Col CO 42 Svy Regt 1964/65



41.
Gathercole G
ASC 1961/62
Lt Tp Offr 84 Svy Sqn 1962
Maj OS 1963
Maj OC Air Svy Wing BDLS Canada
Lt Col Svy 1 Feltham 1970
Lt Col CO 42 Svy Regt 1973/75
Lt Col Ad Svy.512 STRE USA 1973/78
Col Ch Geo Offr SHAPE
Brig Dir Svy Ops & Production 1983.



42.
Burrows T R
ASC 1950/51
Capt SI Engr Svy Sch & TT Brd
1954/55
Maj SI Fd Svy Sch 1955/57
Maj OC 84 Svy Sqn 1957
Lt Col CO 42 Svy Regt 1968/70
Lt Col AD Svy FARELF 1966
Lt Col Training & Dev Team
1976/82
Survey Author 1982



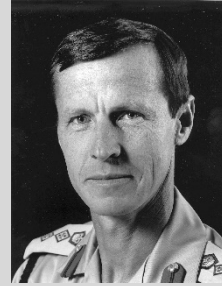
43.
Andrews P E
ASC 1964
Capt Adjt 1964
Maj 1 ASLS 1964/66
Maj Asst CI 1969/71
Maj OC 14 Field Sqn 1973/75
Lt Col CO 42 Svy Regt 1977/80
Lt Col Ch Geo Offr AFNORTH
1980/83
MBE



44.
Ireland
Lt Col CO 42 Svy Regt 1965/68



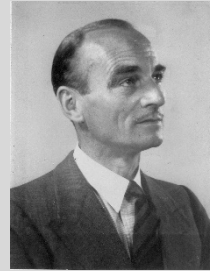
45.
 Busk R M W
 ASC 1951/52
 Capt 2IC B Sqn 1952-53
 Capt 2IC A Sqn 1953
 Maj OC 84 Svy Sqn 1965/67
 Lt Col CO 42 Svy Regt 1970/73
 Col Ch Geo Offr SHAPE



46.
 Wilson M P G
 ASC 1969/70
 Maj Gen Dir Mil Svy 1993/95



47.
 Hudson S G
 Capt OC 19 Topo Sqn 1935/37
 Lt Col AD Svy Eighth Army
 Lt Col AD Svy Twelfth Army
 Lt Col Commandant 1945/47
 OBE



48.
 Dowson A H
 Maj OC 514/519 Fd Svy Coy
 Lt Col AD SVY 1st Army
 Lt Col CI 1949/51
 Lt Col Commandant 1952
 Brig Dir Mil Svy 1957/61
 Maj Gen DGOS CB CBE



49.



Fancy visiting Gibraltar then this is the way to do it

The Gibraltar branch of the Royal Engineer Association (REA) celebrate annually the formation of the *Soldier Artificer Company*. This company of Sappers dug the 30 miles of tunnels through the Rock of Gibraltar. The 250th anniversary of their formation was held between 20-23 May 2022 and was a grand affair. Some 450 REA members attended the function. The Medway (Chatham) REA with a party of 40 were well represented. John and Pat Hughes from Survey Geographic branch were among the two hundred associates from the UK that attended the celebrations. Highlights were the parade and march past (Sappers have the freedom of the city), the Gala dinner in the Rock Hotel, a meet and greet BBQ, an interesting and informative tunnel tour, an exciting Rapid Rader powerboat ride around the harbour, band concert, sapper football match, a short church service in the historical King Chapel followed by coffee in the cloisters and a farewell function in the Gibraltar Officer's Mess in Devils Tower camp.



Royal Engineers Association celebrating their 250th anniversary © Gibraltar Chronicle

Five nights in Gibraltar was sufficient for us to chill out after the flight, to see the apes, have a short dip in the Mediterranean and to attend all the REA functions. If you have not been to Gibraltar before and fancy a short visit with other members of our branch, then attending the Gibraltar REA celebration is a great way of doing it. More information on next year's celebration will be posted at <https://www.reahq.org.uk/branches/gibraltar> John (Paddy) Hughes



Grants to Units

Since November 2021 the Committee has made 3 grants to support activities to benefit serving 'Geo' personnel:

A grant of £545 was given to RSMS to purchase a shed for use on the barracks allotment garden site. The allotment garden has been beneficial to soldiers' and families' mental health and provided a venue for social gatherings. The shed was needed to store tools and garden furniture.

The Rose Shed



Nicole Brooks

Business Development Officer RSMS

It started as a bit of a flippant comment to transform a tired, old, and very much rotten shed into a potting shed and allotment area as it was an unused space and there were no facilities of this kind on site. The idea bubbled away under the surface and after a good friend, Rose, passed away the idea started to really make itself known and before you know it, I had gained permission and a small amount of funding to create a garden and allotment on space that is nicely tucked out of the way.

Local companies kindly contributed with a wheelbarrow and compost, a local REA member donated some tools and with that and a bit of help digging from some Sappers, The Rose Shed became a reality.

It currently has 8 allotment beds and this year had fruit bushes, sweetcorn, carrots, onions, squashes, courgettes, and aubergines. It is not just vegetables though, we have lavender beds, herb beds and wildflower areas. You can come and pick herbs to cook with and the different varieties of mint make a great mint tea or mojito.

Then the final piece of the puzzle came with the new shed that we were able to put up thanks to your generous grant. We now have a safe and dry place to store all the tools, the lawnmower, and the chairs for relaxing in.

The area is open to everyone, all ranks, and all ages. There is no requirement to be an expert gardener, just a desire to have a go at growing some flowers or vegetables with as much or as little space as needed. This is very much a garden focused on wellbeing and encouraging people to get outside and work with the soil. It is an escape for people, a place of peace and also the perfect place to go to watch the bees buzzing in the lavender or simply enjoying some fresh air.



*Bill Wilkie, former RE Geo soldier
& Kate Fuke Head of Learning Services*

EX ROYS REFLECTION – was a 14 Sqn battlefield tour to Bosnia studying the conflict of the mid-90s. It received £500 which reduced personal contributions, part funding admission to three museums for the 29 squadron personnel who deployed and contributing to the services of a local guide.

EX ROYS REFLECTION - BATTLEFIELD STUDY TO BOSNIA

30304284 SPR MINTER 14 Geo Sqn RE

Day 1 - Saturday 21 May 2022

The trip started at an early 0500 hrs. Everyone on board the coach was tired but excited to depart and ready for our trip to Bosnia. All apart from one. The lost 30 minutes made everyone anxious however we made it to the airport on time. Our time at the airport was far from smooth, and even after boarding the plane, we proceeded to be delayed by a further 2 hours on the ground prior to eventually taking off.

Eventually the plane took off, we touched down in Sarajevo and the Battlefield Study could begin in earnest! However, on arrival at the hotel there were further delays as 100s of school children were attending a local event and they all appeared to be checking in to our hotel just as we were trying to. However, this gave plenty of free time to have an initial explore of the city and try the local cuisine.



Day 2 - Sunday 22 May 2022

We woke on day 2 to a generous 1000hrs start. We filled ourselves up on a Sarajevo style continental breakfast, consisting of a boiled veg, tinned tuna, franks, and pickles. After this we met our tour guide, Adi. He was a passionate local who loved a good joke on behalf of his country. He took us for an initial tour around the city showing us a few sights including the street where Franz Ferdinand was killed, initiating the start of World War 1.

He taught us a lot about the city showing us the stark difference between old town and new town, with the architecture changing from Austro-Hungarian to Ottoman infrastructure across a single street. We proceeded to tour around the rest of the city, looking at many areas of interest. One of which was the infamous sniper alley, a large junction where Serbian troops utilised the high ground surrounding the city to take shots at innocent civilians who would dare cross the street. Other points of interest included the stunning town hall which was burnt down and then rebuilt after the war, and the many so called "Sarajevo Roses", which are mortar/artillery splatters painted in red, a stark reminder to what the locals endured during the conflict. After the tour we took the opportunity to use the cable car to see the 1984 Winter Olympic bobsleigh track in addition to an unrivalled view of the city.

Day 3 - Monday 23 May 2022

Today was a long trip to the famous tourist city of Mostar. On our way there we were able to see the true beauty of Bosnia. Giant hills, lakes and rivers dominated the landscape resulting in some of the best driving roads I have ever witnessed. Upon arrival to Mostar, we were initially taken to a high point where we could take in the view and help us picture what happened in this city. The views were nothing short of breath-taking with plenty of photo opportunities on the glass walkway that protruded away from the cliff tops.

We then moved into the old town itself. We were taken on a small tour of the city leading up to the old town centre. There were stark reminders of the war everywhere, with many buildings still riddled with bullet holes and splatters from explosions. You could really get a sense of the truly awful close quarter fighting that occurred in the city.

Upon entering the Old Town, we were spoilt with the view of the main tourist attraction, the Stari Most. The bridge that was ironically destroyed by Serbian forces and then rebuilt later in 2004. We were also lucky to witness people recreationally jump off the 20m tall bridge for small donations. After a late lunch we returned to Sarajevo for the evening.

Day 4 - Tuesday 24 May 2022

It was another long journey across the beautiful country of Bosnia taking in the obscene beauty of this hidden gem of a country. We had travelled to Goražde and again we started the day on a high point to see just how vulnerable the town was below. It was here we received a briefing regarding the heroic actions of the Royal Welsh Fusiliers. As the Serbian forces approached the city the Fusiliers fought back with ferocity, holding the attackers back and allowing time for the Bosnian forces in the town to mobilise.

No British soldiers were killed but several hundred fell into captivity of the enemy. Their actions stopped the town from becoming overrun and has been accredited with preventing further genocide within the country.

We went down into the town itself to learn more about the horrors the local population faced during the siege.

A makeshift underbridge was pointed out to us, a pivotal lifeline to the city that protected people and supplies as they entered the town.



Day 5 - Wednesday 25 May 2022

Today we stayed in Sarajevo itself, once again meeting up with our tour guide, Adi. He took us on the coach to a nondescript house, a few hundred meters from the airport which during the war was under UN control. Under this house was an 800m makeshift tunnel which was used as the main supply route for evacuating people and bringing supplies into the city during the siege. This tunnel helped save many lives in the war. Serbian forces would fire upon any of those approaching the airport through open ground making the requirement for a tunnel. The tunnel was dug by hand and offered protection to all those that used it.

From there we moved to the city's hills where we stood in the same firing positions that the Serbian forces held during the war. These almost perfect firing positions offered views across the whole city, leaving Bosnian forces and Civilians in a vulnerable position below. The Serbian forces exploited this advantage and would fire into the city from the hills. The infamous 'sniper alley' could be seen from this position where Serbian forces fired upon civilians crossing the street just outside of our hotel.

We then visited a Jewish cemetery on the top of an adjacent hill that overlooked the town. Heavy gun battles raged through this holy place during the war, with the signs of battle still visible today. Upon finishing our tour, we said farewell to Adi and moved on to the Museum of Crimes against Humanity. It was a harrowing experience learning about the true horrors of the conflict and what Bosnia civilians had to live through. There were many stories of mass killings, with some of the hardest to stomach being those committed by neighbors that the victims once lived next to. Particularly harrowing was that after the war these criminals would often move back in to houses in the villages where these crimes were committed near to the relatives of the victims.



The air bridge providing a view of Mostar and the surrounding area



Some of the 8732 memorials at Srebrenica

Day 6 - Thursday 26 May 2022

Today was our trip to the infamous Town of Srebrenica, the location of the conflicts worst genocide. 8372 people lost their lives to heinous war crimes committed by the Serbian forces. We had the opportunity to tour the graveyard containing all of the bodies that have been found so far, some of which are still incomplete to this day due to the Serbian forces attempts to move and conceal mass graves during the war.

Just over the road was the FOB used by the Dutch forces in the conflict, known as HQ Dutchbat. This was the location where the Dutch forces are accused of failing to prevent the massacres due to a lack of action. Upon arrival of the Serbian forces in the conflict, the Dutch withdrew, leaving 1000s of civilian refugees to a terrible fate. The museum highlights how the abandoned battery factory was converted into a FOB, how the events unfolded during the war and how the genocide has a lasting legacy.

Day 7 - Friday 27 May 2022

Today was a short day but the closest to home as we travelled to Stari Vitez. This was the site where Cpl Barney Dylan Warburton lost his life whilst defusing a bomb outside the stadium, a day after the war had ended. We met a local Croatian stone mason who also lost his son during the conflict, who has maintained Cpl Warburtons memorial since the war, and has vowed to for the rest of his life. The gravestone is immaculate and stands out in a somewhat run-down area. I personally read a eulogy in addition to a poem, paying homage to Cpl Warburton. We had a 2-minute silence to honour him and all the British Army personnel who were injured or lost their lives during the conflict. After this we had one last chance to tour the amazing city of Sarajevo before returning to the UK.



The group at the end of the final day in Sarajevo

EX ROYS EFFORT

EX ROYS EFFORT – which was a 3-week, 14 Squadron technical exercise, in Cyprus, received a grant of £645 to reduce personal contributions for a full R and R day at the Alexander Barracks Watersports Centre together with a barbecue.

Lt Ed Rolfe RE Geo Tp Comd 14 Geo Sqn RE

In the early hours of 21 June 2022, 40 members of 14 Geographic Squadron, 42 Engineer Regiment (Geographic) departed RAF Brize Norton en-route to sunny Cyprus. With all the chaos being experienced at UK airports at the time, it was refreshing to have such a smooth journey with the RAF. Upon landing and leaving the plane, the thick air and hot Mediterranean weather were a strong indication that we were a long way from home. After settling into Dhekelia Garrison, our home for the next three weeks, we moved straight into an acclimatisation package. This phase was essential as our bodies were not used to operating in such high temperatures. It consisted of increasingly long early morning walks each day, which provided the troops an excellent opportunity to discuss how they were going to tackle the problems they had been set.

The Squadron fulfils a number of alignments to 3 Commando Brigade. As part of their role in the Future Commando Force, the Brigade are starting to operate more in the littoral zone; this is the part of the sea that sits just offshore. We were in Cyprus to study this area and look at new techniques for gathering data, in order to improve our support to any future operations. This littoral area is not just of importance in a warfighting context, but also increasingly in a humanitarian context, with the rising number of deadly hurricanes each year in the Caribbean requiring UK military support.

Moving into a round robin of activities, the first thing the troops studied was the use of drones for the collection of imagery and data. Drones are becoming increasingly useful in the humanitarian aid context, allowing rescuers to access areas they previously couldn't, to study the damage sustained during a disaster and work out the best way of accessing those who need help. Next, one of the Sappers, with a self-taught interest in web map services, gave a series of lessons and practical seminars on their use and application. One of the fantastic things about Geo is that the troops are able to incorporate their own interests into work and apply these to new areas of study.

Making the most of being in Cyprus, the troops then conducted a mini-battlefield study on the 1974 conflict. After doing some pre-reading, they went up to Nicosia, part of Sector 2 in the UN buffer zone. After meeting with a United Nations Troop Commander, they were taken up to the rooftop of an old hotel and given a ground brief on the city, observing the difference in architecture between the South and the North. After receiving a verbal brief from one of the Sappers, whose mother had been present during the conflict, people were then allowed into the city to explore the history for themselves.



A two-day walking expedition in the Troodos mountains, with contributions from the REA



Two of the sights seen on the hill walking phase



A day at a waterpark as a well-done for all the hard work and long hours was paid for by the REA.

Finishing off their time in Cyprus, the troops conducted some fun cohesion activities after the hard work and long hours of the previous two weeks. Money from the Military Survey Branch of the Royal Engineers association kindly paid for a day out at a water park, a barbeque on the beach, a day at a water sports centre and contributed to an adventurous training package in the Troodos mountains. For their kind donation, all the members of the Squadron are very thankful to the RE Association Military Survey Branch members.

The branch received the following letter of thanks from the OC 14 Geographic Squadron RE

Survey (Geographic) Branch
Royal Engineers Association
Warrant Officers & Sergeants Mess
Denison Barracks
Hermitage
Berkshire
RG18 9TP

26th August 2022

To the Members of the Geographic Branch of the Royal Engineers Association;

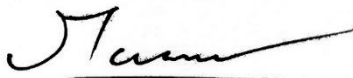
On behalf of 14 Geographic Squadron, I would like to thank the members of the Royal Engineers Association for the support we have received over the last six months. Your donations helped us to deliver a battlefield study to Bosnia and a technical exercise to Cyprus, both of which were particularly successful and rewarding for all those involved.

In May, we delivered our seven-day battlefield study, delivered by Staff Sergeant Taylor and Captain Day, and attended by twenty-nine members of 42 Engineer Regiment. Based in Sarajevo throughout, sappers were taken to a number of key locations relevant to the conflict. Visits included trips to Gorazde, Srebrenica and finally to Vitez to lay a wreath at the memorial to Cpl B Warburton RE. The donation you made was used to pay for entry to three museums in Sarajevo and helped supplement the cost of a local guide who enhanced the experience tremendously. The museums, which mostly focused on the genocides committed in the Muslim enclaves, perfectly set the scene for our visit to Srebrenica towards the end of the study, adding to the poignancy of the trip.

In June, the Squadron deployed on Ex ROYS EFFORT, a three-week technical exercise to Dhekelia, Cyprus, with the intention of exploring new methods to capture and analyze data in the littoral space. The exercise provided an opportunity for several cohesion events to occur which were subsidized or paid for in full by donation from the REA. This included, on the final day of the exercise, a full day at the Alexander Barracks Watersports Centre with a BBQ for good measure.

Both the battlefield study and the summer exercises would not have been as successful without the support from the REA. I, and all members who participated, are truly grateful for your donations and I have no doubt that these events have enthused the newer members of the Corps in keeping with REA's aims and values.

Yours sincerely,



Jon Farminer
Major

History Section

(Researched, transcribed, and compiled by Mike Nolan)

PROPOSALS FOR THE FORMATION OF SURVEY SECTIONS, ROYAL ENGINEERS.

DIRECTOR-GENERAL,
ORDNANCE SURVEY,

It is requested that you will be good enough to place yourself in communication with the Commandant School of Military Engineering with a view to the joint preparation of a definite proposal.

The number of sections, and the numbers per section, recommended to take the Field with an Army Corps should be stated, also the numbers to be trained annually to make good the waste.

The ordinary waste of the Corps may be taken as about 1/6th of the establishment, but somewhat less in the Non-Commissioned ranks.

It is considered that the training of the Non-Commissioned Officers and men for the Field Sections should be kept separate and distinct from that of the Non-Commissioned Officers trained for Military Foremen of Works, draftsmen, &c.

(Signed)

W. SALMOND.

for

D.A. General, R.E.

17th September 1888

S.M.E. CHATHAM,

17th October 1888.

D.A. GENERAL
ROYAL ENGINEERS,

Having conferred together in accordance with your instruction, dated 17th September 1888, we are of opinion: -

1. That it is desirable that Survey Sections should be held in readiness for service in the field for the purpose of carrying out Military surveys of a more extensive nature than sketches of positions, camps, roads, &c.
2. That the number of sections which should be attached to an Army Corps cannot be definitely laid down; but that it would be sufficient, for all probable contingencies, to maintain three such Survey Sections.
3. That each section should consist of one Officer and six Royal Engineers, one at least of whom should be a Non-Commissioned Officer. All the men should have a general knowledge of every class of survey duty, and some of them should have special qualifications as Observers; Computers, Hill-Sketchers, Plane-Tablers, &c.
4. That the responsibility for selecting and maintaining Officers and men for these sections and for providing the requisite outfit of instruments, and other Survey stores, should rest entirely with the Director-General of the Ordnance Survey, and that this can be readily done if the Survey Companies are maintained at the minimum desirable for the Survey.
5. That the numbers to be trained annually cannot be definitely laid down, and that it must be left to the Director-General of the Ordnance Survey to supply the annual waste of the Survey Sections from the men on the Ordnance Survey, who should be maintained in sufficient strength to enable a good selection to be made.
6. That, assuming the numbers on the Survey to be maintained at 341, the minimum desirable, the annual waste should be about 40.

7. That in order that men selected from the Ordnance Survey for the Survey Sections should be fully competent to make such reconnaissances with an Army in the Field as might be necessary, it is desirable that a 14 days' course of instruction in this special subject should be given them at the School of Military Engineering.
8. That it would be impracticable to pay men when employed on the Ordnance Survey in accordance with their Corps rating.
9. That it is unnecessary to restrict transfer to the Ordnance Survey to such men as have been instructed in surveying at the School of Military Engineering, but that in order to encourage men to go through a course of instruction in this subject it is advisable to select men for the Survey from those who have gone through the course.
10. That all men of good character who have been employed on the Survey prior to enlistment should be regarded as having the first claim to consideration for admission into the Survey class or transfer to the Ordnance Survey.
11. That all men who may be favourably reported upon out of the class now under instruction at the School of Military Engineering, with three exceptions, should have preference to others for transfer to the Ordnance Survey.
12. That the course of surveying at the School of Military Engineering for Non-Commissioned Officers and men, should be, as a rule, confined to such ordinary Military sketching as may be required from Non-Commissioned Officers of Field and Fortress Companies, it being considered that a large proportion of the Non-Commissioned Officers of Royal Engineers should be competent to make such sketches, and that the higher class of instruction for men of the proposed Survey sections with an Army in the Field, should be given on the Ordnance Survey.

R. DAWSON SCOTT, Colonel,
Commandant School of Military Engineering.

C.W. WILSON, Colonel,
Director-General Ordnance Survey.

**SURVEY SECTION.
ONE OFFICER AND 6 R.E.'S.**

Surveying Instruments and Stores.

Description of stores.	Number.	Price per Article.	Total Approximate Cost. £ s. d.	Where to be obtained.
Auto copyist, foolscap size, with spare tissue and ink for do.	1	£2-11s.	2-11-0	To be purchased.
Bags, canvas	6	1s	0-6-0	From Ordnance Survey Store.
Bottles, ink fountain	8	3 1/2d.	0-2-4	Do.
Boxes, stationery	1	15s	0-15-0	Do.
Cases				
Cases, Carrying, Instruments	2	7s 6d.	0-15-0	Do.
Cases, Sketching and Straps 17" x 15"	4	25s 6d.	5-2-0	Do.
Cases, Sketching Cavalry	2	£1	£2-0-0	To be purchased.
Chains, surveying 100'	2	14s	1-8-0	Do.
Covers, instrument, waterproof	2	1s. 6d.	0-3-0	From Ordnance Survey Store.
Curves, French, sets	1	6s. 6d.	0-6-6	To be purchased.
Erasers	1	1s.	0-1-0	From Ordnance Survey Store.
Flags, station	24	6 3/4d.	0-13-6	Do.
Hones, oil (one small)	2	4s.	0-8-0	Do.
Instruments				
Aneroids, 2 1/2", graduated to 10,000 feet	1	£4-10s.	4-10-0	To be purchased.
Aneroids, pocket, graduated to 8,000 feet	3	£3	9-0-0	Do.

Compasses				
Beam, 3 ½"	1	33s.	1-13-0	Do.
Bowsweep	6	2s. 2d.	0-13-0	Do.
Illuminated for night work	4	£1-8s	5-12-0	
Prismatic, with cases and straps	4	£2-16s.	11-4-0	Graduated on Silver from 0 to 360 degrees. To be purchased.
Proportional	1	15s.	0-15-0	From Ordnance Survey Store.
Instruments				
Drawing, common, cases of, to contain compasses, steel pens, and ivory scales	2	13s.	1-6-0	Do.
Heliostats, with cases and straps	2	£2-10s.	5-0-0	Do.
Horizons, artificial, with spare bottle of mercury	1	£4-10s.	4-10-0	To be purchased.
Hypsometers, complete	2	£3	6-0-0	Do.
Levels, Abney's	4	35s.	7-0-0	Do.
Perambulators	2	£9	18-0-0	From Ordnance Survey Store.
Protractors, brass	1	£4	4-0-0	To be purchased.
Protractors, card, circular	2	4s	0-8-0	From Ordnance Survey Store.
Protractors, ivory, 6"	12	6s.	3-12-0	To be purchased.
Rulers, parallel, 15"	2	2s.	0-4-0	From Ordnance Survey Store.
Scales, ivory, 1" to 1 mile	6))	
Scales, ivory, 3" to 1 mile	4))	
Scales, ivory, 4" to 1 mile	2)) 8-5-0	To be purchased.
Scales, ivory, 1" to 10 mile	2))	
Scales, ivory, 1" to 4 mile	2))	
Scales, ivory, 1" to 3 mile	2))	
Scales, paper, sets	1	4s.	0-4-0	Do.
Scale, marquoï sets	1	10s. 6d.	0-10-6	From Ordnance Survey Store.
Sextants, 6"	1	£18-18s.	18-18-0	Divided on platinum to 10 and to read to 10". To be purchased.
Instrument, drawing, box	1	£3	3-0-0	To be purchased.
Tables, plane	4	£2-8s.	9-12-0	Do.
Tapes				
Measuring 100'	12	4s.	2-8-0	Do.
Boxes, for 100' tapes	6	8s. 6d.	2-11-0	From Ordnance Survey Store.
Measuring, steel, and box, 100'	1	£2	2-0-0	Do.
Telescopes				
Telescopes, pocket, with cases and straps	3	25s.	3-15-0	Do.
Theodolites, transit, 6-inch	2	£4. 10s 6d.	83-1-0	By Troughton and Simms, with transit axis and lamp. To be purchased.
Thermometers				
Thermometers, maximum and minimum	2	£2 2s.	4-4-0	To be purchased.
Thermometers, ordinary	2	10s 6d.	1-1-0	Do.
Trocheameters	2	£2 10s.	5-0-0	Do.
Watches, keyless, ½-chronometer	3	£30	90-0-0	Do.
Knives				
Knives, pen	12	11 1/2d.	0-11-6	From Ordnance Survey Store.
Lanterns, oil, observers'	2	10s.	1-0-0	To be purchased.
Needles, sailmakers'	12	2p.	0-2-0	Do.
Palms, sailmakers'	1	1s.	0-1-0	
Spirits, methylated, galls	2	3s. 3d.	0-6-6	
Straight edges, steel, 3'	1	12s.	0-12-0	
Straps, carrying, instruments	2	3s.	0-6-0	
Strops, office	1	2s.	0-2-0	
Tools				
Axes, hand	2	2s. 3d.	0-4-6	
Awls, brad	6	2d.	0-1-0	
Billhooks, long handled	1	3s. 4d.	0-3-4	
Billhooks, short-handled	1	2s. 4d.	0-2-4	
Hammers, piling	1	1s. 6d.	0-1-6	
Roll of, to contain cold chisel, firmer chisel, 6 files, 3 gimlets, claw hammer, pair of pincers, handsaw, &c.	1	3.	3-0-0	
Spades	2	2s. 3d.	0-4-6	
Weights, drawing	6	1s.	0-6-0	
Total			339-12-0	
Boards				
Artists' mahogany framed, for drawing	1	15s.	0-15-0	

Trestles, for do.	2	18s.	1-16-0	
Books				
Almanacks Nautical	2)		
Almanacks Nautical for following year	2)		
Almanacks Whitaker's	1)		
Baro. Hypsometric tables	1	About £3 5s. 0d.	3-5-0	
Cards of Formula, Shadwell's	1)		
Hints to travellers	2)		
Instructions	7)		
Logarithm tables, Chambers'	2)		
Angle	7	About 5s.	0-5-0	From S.M.E.
Astronomical forms, sets	7	About 5s 11d.	0-5-11	Do.
Memorandum	3	3d.	0-0-9	From Ordnance Survey Store.
Navigation, Raper's	1	13s. 6d.	0-13-6	To be purchased
Observation	6	6d.	0-3-0	From Ordnance Survey Store.
Road	30	3d.	0-7-6	Do.
Surveying, Frome's	1	3s. 6d.	0-3-6	To be purchased.
Text, Richards'	1	3s.	0-3-0	Do.
Chalks, Coloured				
Blue, boxes	1			
Green, boxes	1	7s. 6d.	0-7-6	
Red, boxes	1			
Yellow, boxes	1			
Colours				
Boxes of small, contain 6 colours each, complete	2	5s. 6d.	0-11-0	To be purchased.
Burnt sienna, cakes	2)		
Cobalt	2)		
Crimson lake, cakes	2) 4 1/2d.	0-3-9	
Emerald green	2)		
Gamboge	2)		
India ink, 3" sticks	12	6d.	0-6-0	From Ordnance Survey Store.
Prussian blue	2	4 1/2d.	0-0-9	
Envelopes				
No. 1, white	50	10s. 7d. per m.	0-0-7	From Ordnance Survey Store.
Medium, No. 2, white	100	9s. 5d. per m.	0-0-11	From O.S. Store
Small, No. 5	25	3s 5d. per m	0-0-1	From O.S. Store
Gall, ox, pots	1	4d.	0-0-4	m Ordnance Survey Store.
Gum Arabic, lbs	1/2	9 1/2d.	0-041/4	m Ordnance Survey Store.
India rubber, pieces	12	2d.	0-2-0	m Ordnance Survey Store.
Ink powders, black	3	2d.	0-0-6	m Ordnance Survey Store.
Do. Red	1	2d.	0-0-2	m Ordnance Survey Store.
Line, log, hanks	2	1s 6d.	0-3-0	m Ordnance Survey Store.
Maps, celestial, sets	1	8s.	0-8-0	To be purchased.
Paper				
Bank post qrs.	3	8d.	0-2-0	From Ordnance Survey Store.
Blotting qrs.	2	9d.	0-1-6	Do.
Drawing, D.E., hand-made, 170 lbs. qrs	1 1/2	16s.	1-4-0	Whatman's or other paper of the best quality, from Ordnance Survey Store.
Foolscap, blue crossbar. qrs	10	5d.	0-5-0	From Ordnance Survey Store.
Do. Plain. qrs	2	5d.		
Note, white qrs	3	2d.	0-0-6	
Tracing D.E. qrs	1 1/2.	6s.	0-9-0	The toughest paper procurable, from Ordnance Survey Store.
Do. Linen yds	12	8d.	0-8-0	From Ordnance Survey Store.
Pencils				
H.B.	24	8d. per dozen.	0-1-4	Do.
H.H.	24	8d. per dozen.	0-1-4	Do.
H.H.H.H.	24	8d. per dozen.	0-1-4	Do.
Hair, camel	4	1 1/2d.	0-0-6	Do.
Do, sable, 2 of each size	12		2-4-5	Do.
Pens Steel				
Holders for	12	1/2d.	0-0-6	Do.
Mapping, No. 659 cards	6	10s. 10d per gross	0-5-5	Do.
Mitchell's J. boxes	2	1s 01/2d.	0-2-1	Do.
Ordnance boxes	2	2s.	0-4-0	Do.
Pins, artists doz.	12	6d.	0-6-0	Do.
Saucers, ink sets	2	1s. 3d.	0-2-6	Do.
Skins, chamois	2	6 1/2d.	0-1-1	Do.

Twine				
Medium, balls	3)			
Thick, balls	4)	8 1/2d.	0-6-4 1/2	Do.
Thin, balls	2)			
Total			16-10-0 1/4	

SURVEYING INSTRUMENTS AND STORES, which it is proposed that the War Department should authorise the Ordnance Survey to purchase and retain in store for purposes of instruction and as part of the Equipment of a Survey Section:

- 2 plane tables, with sight rules, &c. complete, Army Pattern.
- 1 steel tape in box, 100 ft.
- 1 hypsometer.
- 1 2 1/2-inch aneroid.
- 2 observers' oil lanterns.
- 1 keyless half chronometer watch.
- The cost of the above is estimated at about £39.
- Excluding plane tables and aneroids, about £20.

Notices

Notifying the REA of the Death of a Member

The Royal Engineers Association website has recently received a full and comprehensive upgrade. As a result of this, REA HQ has now taken a decision to make the paper format of **REA Form 8 – Notification of Death** obsolete. With effect from 1st September (2022) Notifications of death must be reported to REA HQ via the web site using this link: <https://members.reahq.org.uk/Notification-Of-Death>. The branch Hon Sec should also be notified in the normal way.

Royal British Legion - Grants to help with Heating Costs

Veterans and their families who are struggling to cope with increased energy bills can get grants of up to £200 a month from a leading military charity.

The Royal British Legion, the UK's largest charity dedicated to supporting the Armed Forces, this week launched a new grant scheme for ex-military families to help with increased costs. The grants of up to £2,400 a year (£200 a month) are available across the UK and don't have to be paid back.

There are around two million UK armed forces veterans, according to the latest figures from the Ministry of Defence. The Royal British Legion hasn't said how many might be able to benefit from the new grants, but the charity told [Moneysavingexpert.com](https://www.moneysavingexpert.com) that there was no set cut-off and that it wants to help as many members of the Armed Forces community as it can.

The charity said it's taking action after seeing a 20% rise in requests for support with urgent needs, such as food and household costs, over the past 12 months and it expects this to continue to increase over the winter months.

Some members of the Armed Forces community are more vulnerable to rising costs than others, according to the Royal British Legion, with its research previously finding that working-age veterans were more likely to be sick or disabled than other UK adults of the same age.

In general, the Armed Forces community includes those who have served, or are serving, in the Royal Navy, British Army or Royal Air Force, as well as their families, dependants and carers – which can include children, current and former spouses and partners, widows and widowers. However, the Royal British Legion uses a broad definition of "Armed Forces community", so it's worth checking on its website or by calling its helpline on 0808 802 8080.

According to the Royal British Legion, if you're claiming means-tested state benefits, such as Universal Credit, Pension Credit or Income Support, you should qualify automatically, but you could still be eligible for a grant even if you don't get any benefits.

The charity is encouraging anyone struggling financially to apply, as it has flexibility to support for people who don't meet the means-testing, and it will check your income and expenditure to assess your needs.

If your application is successful, you'll get up to £200 a month for up to 12 months – the exact amount and duration will vary depending on your circumstances. In most cases, you won't be paid in cash, but will get one or more of the following:

- Vouchers to top-up your gas or electricity prepayment meter.
- A virtual credit card you can use to pay utility bills.
- Vouchers for food, clothing or household items.
- Replacement white goods.

The Royal British Legion was formed after the First World War to support the veterans who had suffered during the war and their families. The first Poppy Appeal was held in 1921, and today 40,000 volunteers distribute 40 million poppies in the weeks running up to Remembrance Day on November 11.

(MSN News item 20/10/2022)

13 Sqn 200th Anniversary History Project - update

- As a reminder:
 - Project team is Ross Thurlow, Noel Grimmett, Nick Collins
 - The REA is the umbrella for the project
 - 200th anniversary of the formation of 13 Sqn is 24 Dec and booklet being produced in support of that
 - There already exists a pre '86 booklet for when the Sqn was at Barton Stacey so, main focus is on post '86, when the Regt moved from Barton Stacey. However, input is welcome from before this period and will be added to the existing history.
 - Noel Grimmett is looking at the pre '86 history
 - Ross Thurlow is leading on '86 and beyond
 - Nick Collins is supporting both
 - Booklet is a collection of reminiscences, not a traditional history
 - Input is sought from all ranks, nationalities, services, arms to make it more inclusive
 - A 14 Sqn history may be produced but is not in the remit of this team.
- Notices put out online, newsletters, etc
- Nick Collins has attended the Breakfast Club run by Dave Hamilton to advertise
- 116 people contacted by email, Facebook, LinkedIn, etc to see if they are interested
- 47 confirmed contributors so far
- 33 have said "no" because they don't want to, were not in 13 Sqn or some other reason
- 36 haven't responded
- Of the 22 OCs that could be contributing
 - 18 have been contacted
 - One has unfortunately passed away
 - 3 we cannot find contacts for
 - 13 have said they would contribute
 - 5 have not responded
- OCs aside, a large proportion of those contributing are from when Ross and Nick were in post (86-88) due to personal contacts. Ideally, we would like a few more from before and after this period to get a balance.
- Still need to get a definitive list of SSMs
- WO2 (SSM) Kellysue Leitch has been nominated as the Sqn PoC and I have been in touch with her before she arrived in post. Her predecessor, WO2 (SSM) Dan Mumford, was contacting the RCMO department to see if they can help with past SSMs so, I assume Kellysue will take this on. I haven't contacted her recently as she is new in post and will have other things on her mind!
- I believe we have enough people - if all those who have offered to contribute - to proceed with the project.
- I think we will need a project team meeting shortly to determine where we are with the project and the way forward.

Notification of Deaths

CPO Dennis Bruford RN



512 STRE unit photo from spring 1982

Back Row [L-R] Nigel Sheeran [RAF Electronics]; Dennis Bruford [RN Hydrographer]; Ian Borland [REME Electronics – Permanent Staff]; John Talbot [RAF Electronics]; Phil Overton [RN Electronics]

Middle Row [L-R] Phil Maye [RE Svy]; Bert Axten [RE Svy]; Bill Shay [RE Svy]; Geoff Mortimer [RE Svy]

Front Row [L-R] Chris Dorman [RE Svy]; Jenny Johnson [512 Secretary]; Steve Anderson [RE Svy]; Iain Whittington [OIC 512 STRE]; Roy Wood [AD Svy Washington]; Jim Hoyland [512 STRE Tech WO]; Laura Reynolds [PA AD Svy Washington]; James Cadoux-Hudson [RE Svy].

Jim Hoyland informs the branch and the wider membership of the sad death recently of Dennis Bruford.

Dennis was a Chief Petty Officer in the Royal Navy Hydrographic Branch. His relevance to Military Survey was due to his service with 512 STRE between 1981-83. He did two tours back-to-back and served with Steve Hopewell, “Bert” Axten, Nick Rigby, Chris Dorman, James Cadoux-Hudson, Steve Anderson, and many others. I was the Technical WO, under the command of John Dean as OIC 512 STRE and Roy Wood as AD Svy Washington. During this time, we became good friends, a friendship that lasted 40 years.

Sadly, his wife of many years, Rose, died about 10 years ago which affected him quite badly. A few years ago, Dennis became quite frail and moved to live with his only daughter, Claire, and her family near Edinburgh.

Remembrance - Deaths of Old Comrades

Remembrance Day and Remembrance Sunday will shortly be upon us. Members may like to remember the following Old Comrades, family members and friends whose deaths have been notified to us over the past year or so:

Alan (Al) Barnes	Field Survey
Nick Cheeseman	Print
Derek (Taff) Edghill	Print
David (Dave) Hurd	Carto
Mike SJ (Wally) Osborn	Field Survey
Malcolm (Mac) Parr	Field Survey
Michael (Mike) Sharp	Topo Svyr
David Gwynne (Dave) Taylor	Carto
Victor (Vic) Watson	Survey Officer
Owen Williams	Field Survey

Non-Members

Gordon Brown	Dtmn Topo
Dennis Bruford (ex-512 STRE 1981-83)	RN Hydro
Jack Burnham	Carto
Reverend Michael (Mick) Eaman	Field Survey
Brian Garlick	Field Survey
E X Halliday MBE	Svy Officer ex OC 13 Sqn
Sgt Robert (Bobby) McCaigue	Died in service 2022 ME Geo Tech
Keith (Jack) Milburn	Field Survey
Christopher (Chris) Moorhouse	Field Survey
Ken Miller	Process Cam Operator
Geoffrey (Geoff) Tolley MBE	Litho Artist/Carto

Also - Vicky Axten, Margaret Gardiner, Kay Howcroft and Shirley Hoyland.

Membership

The committee are pleased to welcome the following new members to the Branch.

David Atkinson
Barry Blakemore
Dave Havenhand
Tony/TJ Johnson
Keith Pegram
Jim Rennie
Roger Sutton

Wyton Sub-Branch

Meeting. Cliff Nicklin is planning to hold the next meeting for interested parties on Monday 21 November - 1900 hrs at the Admiral Wells pub, Holme, a convenient location just off the A1. If you plan on attending please contact Cliff at - cliff.nicklin@btinternet.com or 07500706350

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Vacant

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WO1 (SMI) Ollie Teasdale RE

DGC Representative

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