



NEWSLETTER

**RETIRED CHARTERED
ENGINEERS ASSOCIATION
WORTHING**

Hon. Secretary: S. Oliver. Elphinstone, North Drive, Angmering, BN16 4JJ ☎ 01903 787116

FORTHCOMING EVENTS

30th Dec	Thursday	Coffee - with Partners at Beach Hotel, Worthing
4th Jan	Tuesday	Talk - "How we supplied the Troops in the First World War" by R.A.A. Newman, member, at 2.30 p.m. Chichester room, Field Place
5th Jan	Wednesday	Coffee - at Albion Inn, 110 Church Road, Hove
11th Jan	Tuesday	Visit to King and Barnes Brewery, Horsham, at 4.00 p.m. (see page 4)
20th Jan	Thursday	Coffee - at The Spotted Cow, Angmering
27th Jan	Thursday	Coffee - with Partners at Beach Hotel, Worthing
2nd Feb	Wednesday	Coffee - at Albion Inn, 110 Church Road, Hove
8th Feb	Tuesday	Talk - "Fire safety in the home" by West Sussex Fire Brigade, guests, in the Chichester room, Field Place at 2.30 p.m.
15th Feb	Tuesday	Visit to Worcester Controls. Burgess Hill at 2.00 p.m. (see page 5)
17th Feb	Thursday	Coffee - at The Spotted Cow, Angmering
24th Feb	Thursday	Coffee - with Partners at Beach Hotel, Worthing
1st Mar	Wednesday	Coffee - at Albion Inn, 110 Church Road, Hove
7th Mar	Tuesday	Talk - "The sodium sulphur battery system" by J. Cockburn, member, in the Barn, Field Place at 2.30 p.m.
8th Mar	Wednesday	Copy date for next Newsletter
14th Mar	Tuesday	Visit to Ambion brickworks, Horsham at 2.30 p.m. (see page 6)
16th Mar	Thursday	Coffee - at The Spotted Cow, Angmering
16th Mar	Thursday	Lunch at Northbrook College catering school 12 for 12.30 p.m. (see page 7)
30th Mar	Thursday	Coffee - with Partners at Beach Hotel, Worthing
Every	Monday	Coffee at Denton Lounge, Worthing Pier

Coffee mornings commence at 10.30 a.m., except at The Beach, which is from 10.45 a.m.

Membership

We welcome the following new members and in particular our first lady member, Ms. B.C. Whitmell.

<p>1999 DADDS, A.F. B.Sc., M.I.E.E. <i>Hathaways, Parrock Lane, Hartfield, TN7 4AP</i> <i>(01892 770389)</i> 1965-98 Philips Research Laboratories: Defence systems - radar detection and surveillance. Microwave road tolling. Cellular telephone component design <i>Interests:</i> Light aircraft owner/pilot, home winemaking, walking, cooking, gardening.</p>	<p>1999 ROBINSON, P. M.A.(Hons.Cantab.) M.R.Ae.S. <i>6 Mongomeri Drive, Rustington, Littlehampton, BN16 3TY</i> <i>(01903 779770)</i> 1948-1990: A.V.Roe, Hawker Siddeley, British Aerospace: Aerodynamics, Initial projects, Research programmes, Economics, H.Q. Engineering trouble-shooting, International programme & committees: AGARD, ISO, AIRBUS. <i>Interests:</i> Christian activities -home and overseas, Philately, DIY, Classic cars, Golf</p>
<p>1999 WHITMELL, Ms. B.C. B.Sc.(Eng), M.I.E.E., M.I.Mgt. <i>Inglenook, Old Salts Farm Road, Lancing, TN7 4AP</i> <i>(01903 762918)</i> Ferranti Edinburgh - grad. apprentice. Teaching full time: Esk Valley College Midlothian, Napier College Edinburgh, Midhurst Grammar School, Seaford College Petworth, Northbrook College Worthing, University of Brighton. Electricity Consultative Council 8yrs, I.E.E. Committee 8 yrs, P.E.I. Education Steering Committee 3yrs. School Liason for I.E.E. <i>Interests:</i> Glass engraving, Precision engraving, Patchwork, Line dancing, Country music, Theatre reading, Goldfish, Koi and gardening.</p>	

RCEA prize presented to Heidi Burgess at the Cooch memorial lecture



Heidi being presented with the R.C.E.A. Prize, a cheque for £100, by the president
 D M Lewis

Below is the text of a letter received from Heidi

Please could you pass on my thanks to all of your members for my award, I do regret that I was unable to arrive any earlier last Friday, as the small part of the presentation about Shackleton I heard, sounded extremely interesting.

As promised, here are a few details about myself. I was born and raised very near to Bath, when I left college at the age of eighteen I started to work for the local Constabulary, and after five years gained my professional status as a fingerprint expert. I found that the work did not challenge me mentally, so I decided to study for an A Level in mathematics at evening class (something I always promised myself that I would do). After one year instead of the usual two I took and passed the exam. This small bout of studying made me realise that there was more for me than just fingerprints, so I decided to go to university.

I chose to go in to the area of civil/environmental engineering, as certain areas fascinated me. So, in September 1995 I started in the foundation year of Brighton university, where I stayed for just two weeks, before I was moved into the first year. During my third year of studies I decided to take a year out to study civil engineering in the Universitaire Joseph Fourier, Grenoble, France.

It was a very challenging year, having to study whilst dealing with a different culture, different teaching methods, different outlook to engineering and life in general and, of course, all of this in a different language. For me the year was an invaluable experience, it gave me a more open outlook on life, broadening my thinking about the way things are done in Britain, it gave me the chance for fluency in another language and, being in the mountains, it gave me the opportunity to learn to ski!

Coming back to Brighton I started on my final two years; extension of course because of the MEng option. Through my time at university I have become very interested in the areas of river hydraulics, environmental engineering and engineering for geo hazards.

On a more personal note I have a great love of travelling, and have friends and family all over the world. I hope in the future to be able to combine this love with the skills I have learnt at university.

Again, many thanks for my award, and the wonderful warm reception I received last Friday.

Heidi Burgess

How we supplied the Troops in the First World War - Talk by

R.A.A. Newman, member, in the Chichester room at Field Place, on 4th January, 2000.

This is a story of achievement by the Royal Engineers, who established a port, shipyard and factory facility at Richborough, after Dover and Folkestone became clogged with refugees and wounded returning from the Western Front.

From a green field site in 1915 to a port complex employing some 20,000 people by 1918, came the first roll-on roll-off cross-channel train ferry, a shipyard producing the first all-welded barges for cross-channel towing, the first elementary aircraft carrier experiments and 1500 kits for pill boxes manufactured and shipped to France.

The facilities came into use again in World War II in the rescue from Dunkirk and the construction of invasion barges.

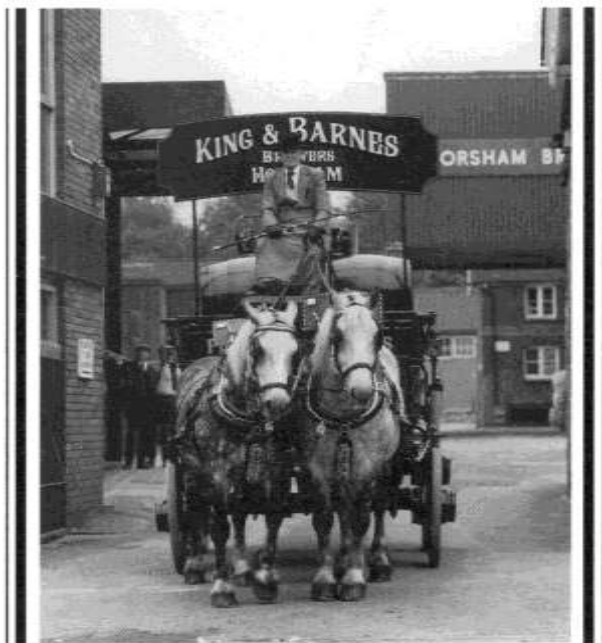
Visit to King & Barnes brewery, Horsham on Tuesday, 11th January, 2000 at 4.00 p.m.

The visit includes a brief introduction, a Guided Tour, and an opportunity to sample some of the fine ales in the Brewery Hospitality Centre - the whole event lasts about 2 to 1/2 hours. (Four 1/2 pint complimentary tokens issued to each participant - additional ale may be purchased - non-exchangeable against bottled beer to take away).

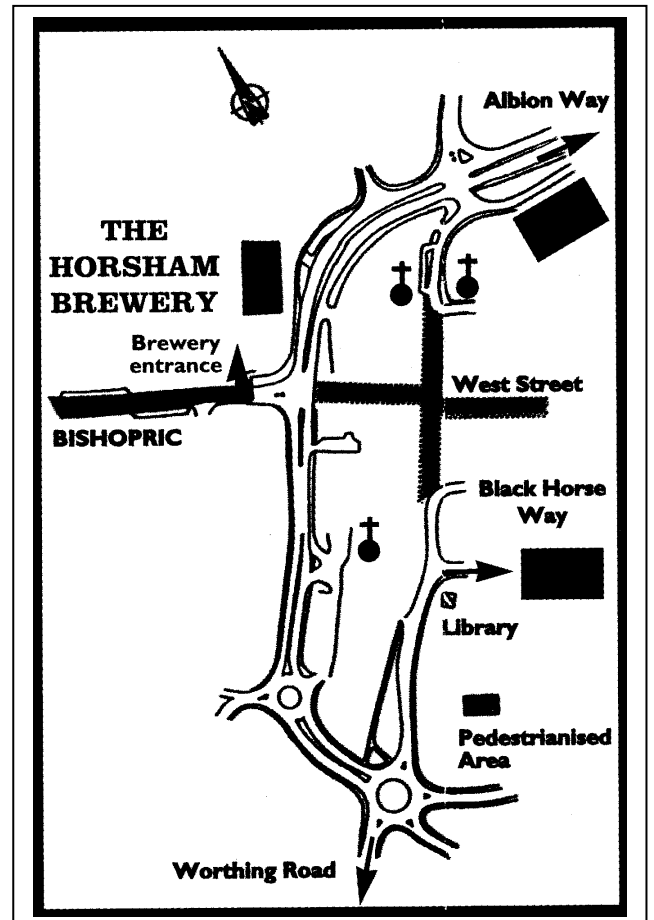
It is important to remember that the Horsham Brewery is a working brewery, and therefore the Tour will involve climbing and descending a number of stairs and walking across some wet cellar floors. As a result, it is suggested that people who are less than sprightly consider carefully whether they should join the tour party. A good pair of shoes is vital. No car parking is available at the brewery, use the public car parks in the town centre

Price of the tour is £3.50 per head and is limited to 30 members.

Please complete the form on page 9 and send with your cheque made payable to the RCEA to S.Oliver by 4th January, 2000.



THE HORSHAM BREWERY



Fire safety in the home - by West Sussex Fire Brigade, guests, in the Chichester room at Field Place, on 8th February, 2000 at 2.30 p.m.

Visit to Worcester controls, Consort Way, Burgess Hill on Tuesday, 15th February, 2000 at 2.00 p.m.

The visit is limited to 20 members

Please return the reply slip on page 9 to S.Oliver, by 18th January, 2000.



A 273
To Hassocks
&
Brighton

The sodium sulphur battery system. Talk by J. Cockburn, member, at Field Place, on 7th March, 2000 at 2.30 p.m.

The sodium sulphur battery system has attracted a lot of interest on account of its greatly increased energy density compared with conventional lead acid batteries. The talk will cover the history and characteristics of the sodium sulphur battery system and describe a number of its current applications, both fixed and mobile.

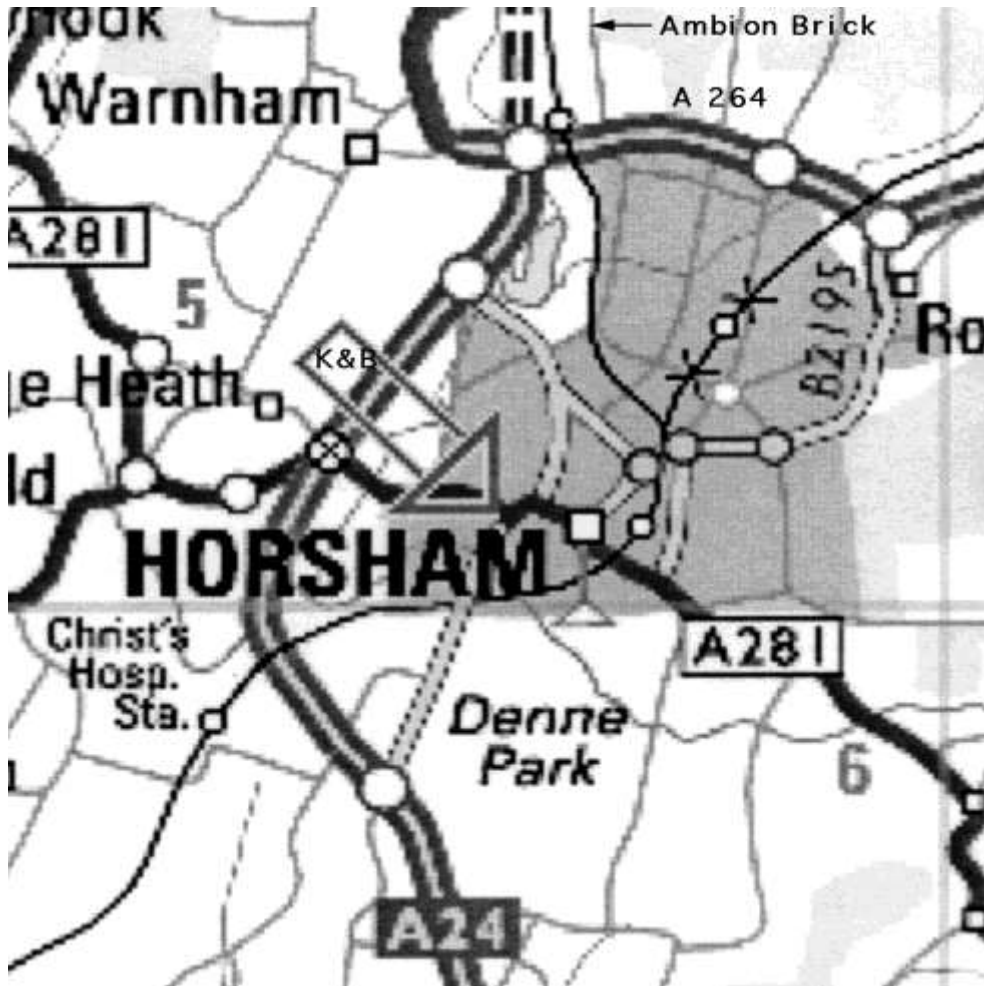
Visit to Ambion brickworks, Langhurstwood Road, Horsham on Tuesday, 14th March, 2000 at 2.30 p.m.

Sensible clothes and sturdy shoes are recommended.

Parking is limited, so it is essential that members share cars, where possible.

The visit is limited to 25 members.

Please return the reply slip on page 11 to S.Oliver, by 29th February, 2000.



Lunch at Northbrook College - Thursday, 16th March, 2000 at 12.00 for 12.30.

The college is situated on the Littlehampton Road at the roundabout with Goring Street, which leads from Goring-by-Sea railway station.

The cost of the lunch is £7.50 per person for the three course meal and coffee. Drinks are available at extra cost. After lunch there will be a presentation of the work of the Northbrook College catering school by a student.

The numbers are limited to 50 persons. Please return the reply slip, on page 11, with payment, to S. Oliver, by 2nd March, 2000.



**THE INSTITUTION
OF ELECTRICAL ENGINEERS
FARADAY LECTURE 2000**

Time and Place in the communication age.

Presented by University College, London, supported by Marconi.

At the Hawth Theatre, Crawley, Tuesday 21st March, 2000

Presentations at 10.30 am, 2 pm, and 7 pm.

Lecture admission by free ticket obtainable from:

Dr M P Jones

c/o Ms Carolyn Nicolle

Brighton TCS Centre, University of Brighton, Lewes Road, Brighton BN2 4GJ.

Buffet lunch (price £9.50 per person) to follow the 10.30 performance

Please send SAE and cheques for the lunch payable to the IEE Sussex Centre Entertainment
a/c

I.E.E. Sussex Centre guest evening, Tuesday 29th February

Lecture - **Digital TV - Transmission and Domestic Reception** by Justin Mitchell
BBC Research and Development, at 18.30 for 19.00, in the Lecture Theatre AS1, at the
University of Sussex.

A follow up on last season's acclaimed lecture; same author, different venue. Technical
details of transmission and reception techniques and how the launch of the service has
progressed. Demonstrations highly probable.

To be followed by a **Buffet supper** (Main Course {Chicken or vegetarian} + sweet &
incl. Wine) price £14. Ticket applications to Mr.D. Wright, 30 Lashmere, Copthorne,
Crawley, W. Sussex. RH10 3RT Tel. 01342 713641 - enclosing a SAE and cheque payable
to the IEE Sussex Centre Entertainment a/c.

To: S. Oliver, "Elphin" North Drive, Angmering, Littlehampton, BN16 4JJ Tel: 01903 787116

I wish to participate in the visit to **King & Barnes brewery, Horsham** on Tuesday, 11th January, 2000 at 4.00 p.m.

Full Name(Block capitals)

Address
.....

Phone No.....

Car sharing I can offer.....seats from.....I would like a lift from.....

I enclose a cheque for £3.50 payable to RCEA

Applications by 4th January, 2000

**S. Oliver
"Elphin" North Drive
Angmering
Littlehampton
BN16 4JJ**

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To: S. Oliver, "Elphin" North Drive, Angmering, Littlehampton, BN16 4JJ Tel: 01903 787116

I wish to participate in the visit to **Worcester controls** on Tuesday, 15th February 2000 at 2.00 p.m.

Full Name(Block capitals)

Address
.....

Phone No.....

Car sharing I can offer.....seats from.....I would like a lift from.....

Applications by 18th January, 2000

**S. Oliver
"Elphin" North Drive
Angmering
Littlehampton
BN16 4JJ**

To: S. Oliver, "Elphin" North Drive, Angmering, Littlehampton, BN16 4JJ Tel: 01903 787116

I wish to participate in the visit to **Ambion brickworks** on Tuesday, 14th March 2000 at 2.30 p.m.

Full Name(Block capitals)

Address

.....

Phone No.....

Car sharing I can offer.....seats from.....I would like a lift from.....

Applications by 29th February, 2000

**S. Oliver
"Elphin" North Drive
Angmering
Littlehampton
BN16 4JJ**

To: S. Oliver, "Elphin" North Drive, Angmering, Littlehampton, BN16 4JJ Tel: 01903 787116

I wish to participate in the **Lunch at Northbrook College** on Thursday 16th March, 2000 at 1200hr for 1230hr

Full Name(Block capitals)

Address

.....

Phone No.....

My guest/s will be.....

Number of places.....I enclose a cheque for payable to RCEA being £7.50 per person.

Applications by 2nd March, 2000

**S. Oliver
"Elphin" North Drive
Angmering**

Littlehampton
BN16 4JJ