



NEWSLETTER

**RETIRED CHARTERED
ENGINEERS ASSOCIATION
WORTHING**

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

FORTHCOMING EVENTS

- | | | |
|-----------|-----------|---|
| 5th Sept | Tuesday | Annual General Meeting , 2.30 p.m. in the Barn at Field Place. Incoming president's address "No bangs on the briny" see page 2 for details. Invitation and documents are on pages 5 to 9 |
| 6th Sept | Wednesday | Coffee - at Albion Inn, 110 Church Road, Hove |
| 21st Sept | Thursday | Coffee - at Spotted Cow, Angmering |
| 28th Sept | Thursday | Coffee - with Partners at Beach Hotel, Worthing |
| 2nd Oct | Tuesday | Copy date for next Newsletter |
| 4th Oct | Wednesday | Coffee - at Albion Inn, 110 Church Road, Hove |
| 10th Oct | Tuesday | Talk - "Hazardous area engineering at sea and offshore" by K.J. Wheeler, Member. 2.30 p.m. in the Chichester room at Field Place |
| 19th Oct | Thursday | Coffee - at Spotted Cow, Angmering |
| 19th Oct | Thursday | Annual Dinner at Beach Hotel, Worthing
see page 3 for details and application form |
| 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.

Subscriptions

These are due on 1st October. Please send your cheques for £12 to the Hon. Treasurer, R.P. Marshall, 28a Downview Rd, Worthing, BN11 4QH.

Membership

We welcome the following new members to the Association:

<p>2000 BOOTH, P.C. M.I.E.E., F.C.I.P.A., R.T.M.A. <i>5 Crane Street, Chichester, PO19 1LH</i> <i>(01243 778241)</i></p> <p>1945-50 Engineer (transmitters), B.B.C. 1950-57 Technical advisor, Rank organisation 1957-61 I.B.M. patent dept. 1961-82 Chartered patent agent (private practice)</p> <p><i>Interests:</i> Photography, Sailing, Travel, Theatre</p>	<p>2000 CHAPMAN, J.W. M.I.E.E. <i>Kingsfold House, The Roundway, Rustington, Littlehampton, BN16 2BW</i> (01903 850013)</p> <p>1949-80 Government service with War dept, Ministries of: Supply, Aviation Supply, Technology and Defence. Final post in MOD as director Sangcom. 1980-82 Director sales Serco plc 1982-85 Consultant, Protse, system design associates</p> <p><i>Interests:</i> Gardening, Travel, Computing</p>
<p>2000 PRESTON, N.M. M.I.E.E. <i>6 Roedean Road, Worthing. BN13 2BP</i> <i>(01903 850013)</i></p> <p>RAF 7 yrs, Decca Navigator / Radar 22yrs, Kelvin Hughes 3yrs, Sharp & co 2yrs, Preston electronics / Nautical electronic services Ltd 20yrs</p> <p><i>Interests:</i> DIY, Reading, Listening to music</p>	<p>2000 CARR, B.F. B.Sc., M.I.E.E. <i>Anglesey, Poundfield Road, Crowborough. TN6 2BQ</i> <i>(01892 654933)</i></p> <p>Apprentice De Havilland/Hawker Siddeley. 1966 CEGB system operation branch National and Area control centres 1986 CEGB IT group SCADA application. Served in India training local staff and USA on consultancy on deregulation.</p> <p><i>Interests:</i> Walking-rambler, Sailing, Golf, DIY</p>
<p>2000 WARR, N.L. B.Sc., M.I.E.E. <i>26 Old Shoreham Road, Southwick, Brighton. BN42 4HS</i> <i>(01273 270860)</i></p> <p>CEGB Senior Engineer up to 1987 Powergen 1987-89</p> <p><i>Interests:</i> Oil painting, Tennis, Swimming, Charity work, Antiques, Computer science</p>	

A.G.M. Presidential Address "No Bangs on the Briny !" Tuesday 5th September, 2000.

This is the story of my Company, Norcon Norris Ltd, and describes the path which led to the design of a unique electrically signalled hydraulic valve and its associated electrical power supply to meet a market requirement in the 1970's for safe economical operation of the cargo valves on VLCC's (marine tankers) where the presence of flammable gases occurs during loading and discharging of the cargo. The design and application of the valve and power supply are described in detail.

K.J. Wheeler

Hazardous area engineering at seas and offshore talk by K.J.Wheeler, member, at 2.30 p.m. in the Chichester room at Field Place.

This presentation continues the story of Norcon where the development of the North Sea oilfields in the 1970's produced a need to protect power level electrical apparatus offshore which

required the use of such protection such as explosion proof (flameproof) enclosures to avoid ignition of flammable gases processed on the rigs. This presentation describes the principles involved and design details of some of the range of explosion proof apparatus designed and produced by the company. Examples of the actual hardware will be on view for Members to inspect.

K.J. Wheeler

Annual Dinner – Thursday 18th October, 2000

The Annual Dinner will be held at the Beach Hotel, Worthing on Thursday, 18th October, 7 for 7.30 p.m. Dress - dinner jacket or lounge suit. Cost, £22 each, including wine with the meal. The menu will be:

Chicken liver pate with brandy or French onion soup
Roast turkey with ham and bread sauce and a selection of vegetables
Raspberry pavlova or Cheese and biscuits
Coffee and mints

After dinner, Charlie Herbert will play background music on the piano.
Please return the reply slip below with your choice of starter **not later than 4th October.**

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To: R.P. Marshall, 28a Downview Rd, Worthing, BN11 4QH

Please reserve.....places for me at the **Annual Dinner on 19th October, 2000** at the Beach Hotel, Worthing. 7 for 7.30 p.m.

My guests will be

I/we would like to sit with

.....

.....

.....

who have agreed to make a reciprocal request

I enclose my cheque for £.....(£22 per person) payable to R.C.E.A.

Number of liver pates.....Number of onion soups.....

Please note, no tickets will be issued

NAME(Block capitals) Phone No.....

Applications by 4th October, 2000

Programme of events 2000/01

2000

- Tue. 10th Oct. **Talk:** Hazardous area engineering at sea and offshore by K.J. Wheeler, Member.
- Thurs. 19th Oct. **Annual Dinner:** Beach Hotel, Worthing.
- Tue. 7th Nov. **Visit:** HPC Engineering, Burgess Hill.
- Fri. 24th Nov. **Cooch Memorial Lecture:** Safety at Sea by A. Crook, Member.
- Tue. 5th Dec. **Talk:** Railways in West Sussex by W. Gage, Guest.

2001

- Tue. 9th Jan. **Talk:** Bridges 2000 by A.S. Whitaker, Member.
- Tue. 16th Jan. **Visit:** C.A.E. Flight Simulation, Burgess Hill.
- Tue. 13th Feb. **Talk:** How we supplied the Troops in the First World War by R.A.A. Newman, Member
- Tue. 20th Feb. **Visit:** Spheric Engineering, Crawley.
- Tue. 6th Mar. **Talk:** Electromagnetic launching of spacecraft by Dr. Edwards, University of Sussex.
- Tue. 13th Mar. **Visit:** Knowles Europe, Burgess Hill.
- Thurs. 15th Mar. **Lunch:** Northbrook College
- Wed. 4th Apr. **Outing:** Petworth House.
- Wed. 9th May. **Outing:** Horsham Museum and The Causeway.
- Tue. 5th Jun. **Outing:** Hamble river cruise.
- Wed. 4th Jul. **Outing:** Chatham Dockyard.
- Tue. 11th Sept. **Annual General Meeting.**
- Tue. 9th Oct. **Talk.**
- Wed. 21st Nov. **50th Anniversary Dinner.**

Newsletters: 17th Oct 00, 18th Dec 00, 12th Mar 01, 17th Aug 01

Internet presence

Reference to the RCEA can be found on the website of the Retired Professional Engineers Club, Bristol at www.okeb.freemove.co.uk. Also we can be found on the East Sussex Community Information Service at www.escis.org.uk

We would like to keep up to date with members email addresses, so if members could send a simple email to soliver@mistral.co.uk a list can be made.

Talks by Members

Any members, particularly the newer ones, are encouraged to give to give a talk to the Association. Please contact the Vice President, Dave Matthews, on 01243 263898.



**RETIRED
CHARTERED ENGINEERS'
ASSOCIATION
(WORTHING)**

**49th
Annual General
Meeting**

Dear Member,

The 2000 A.G.M. will be held in the Barn at Field Place on Tuesday, 5th September, commencing at 2.30 p.m.

S. Oliver. Hon.

Secretary

AGENDA

1. Apologies for absence.
2. Minutes of the Annual General Meeting held on 7th September, 1999 (see page 6).
3. Matters arising from the Minutes.
4. Treasurer's Report for 1999/00 and presentation of accounts for year ending 31st July, 2000.
5. Secretary's Report for 1999/00.
6. The committee proposes that the annual subscription remains at £12 (rule 4)
7. Election of Officers and Committee for the Year 2000/01.

The Committee wishes to nominate :

President	K.H. Wheeler
Vice President	D. Matthews
Hon Secretary	S. Oliver
Asst. Hon. Sec	Vacant
Hon. Treasurer	R.P. Marshall
Asst. Hon. Treasurer	H.A. Rummeli
Committee members	G.D. Mathias
	C. Pilling
	Vacant
	E.T. Besley
	S.R. Renew

8. Retiring President's Address.
9. Induction of President: K.H. Wheeler
10. President's Address.
11. Vote of thanks
12. A.O.B.

MINUTES OF 48TH ANNUAL GENERAL MEETING, HELD AT FIELD PLACE ON TUESDAY, 7TH SEPTEMBER 1999, AT 2.30 p.m.

Past President E. Markwell opened the meeting in the presence of 28 members.

1. Apologies for absence: S.M. Butler (President), J. Fuller, P. Harvey, R. Marshall, J. Brown, J. Cockburn, D. Fife, H. Calverley, J. Little, C. Forster, G. Mathias

2. The minutes of AGM No.47 held on 9th September 1998 were approved.

3. Matters arising from above meeting: None.

4. The Treasurer's report was adopted unanimously. Proposed by E.Ayling and seconded by K. Wheeler

5. The Secretary's report was amended to report total membership at 110 : adopted unanimously. Proposed by R. Parsons and seconded by T. Adam.

6. The Annual subscription was unanimously agreed to remain at £12.00. Proposed by J. Standbridge Seconded by B. Knight

7. The following were proposed by B. Knight, seconded by J. Morgan and carried unanimously as Officers and Committee for the year 1999/00 :-

President	D.M. Lewis.
Vice President	K.H. Wheeler.
Hon. Secretary	S. Oliver.
Asst. Hon. Sec	R.G. Bailey.
Hon. Treasurer	D.R. Collard.
Asst. Hon. Treasurer	R.P. Marshall.
Committee Members	H.A. Rummeli G.D. Mathias D. Matthews
Auditor	R.A. Parsons.
Membership Sec.	S.R. Renew.

8. The retiring president was not present to give his address.

9. The new President D.M. Lewis was then formally inducted.

10. The President then addressed the meeting. Since he had already given the usual summary of his career just 2 years ago he instead gave an interesting talk on what he considered were the two most significant developments of the last century, that had had the most profound effect on our personal lives. These were The CAR and the COMPUTER. He gave a very informative insight into the construction of the PC with actual components to hand.

11. G.H. Picken then gave a vote of thanks to the President.

12. The President raised the question of the use of and purchase of a PA system and it was agreed that the one in use at the meeting was good and that there was a need for one at all meetings. There was discussion about car parking and the move from Durrington to Field Place. It was left to the Committee to ensure a PA system was available in the future. It could also be used at the Annual Dinner.

13. ANY OTHER BUSINESS.

13.1.. The President was thanked for agreeing to serve again.

13.2.. DML reminded that subscriptions are due on 1st October, that there was a change in the description of members' meetings for coffee, to emphasise the informality of these gatherings.

13.3.. DML mentioned that the Committee had discussed the need for a more formal report on members' health generally and bereavement in particular. E. Markwell advised that this subject had also been considered in the past and it had been agreed that formal commemoration of deceased members by standing at meetings was not necessary. The Committee will always keep this subject under review.

13.4.. E. Markwell commented on the difficulty of persuading members to join the Committee with a view to becoming Vice President and hence President. The amount of work involved in setting up the next year's programme may deter candidates. It should be made clear to new members that a panel of members is always available to give whatever support they might need.

The meeting ended at 1643 hrs. RGB. 11/9/99.

Coffee Morning Collections

A total of £63.95 has been handed over to St. Barnabas Hospice from the collections made at the local coffee mornings, and this has been gratefully acknowledged.

R.P. Marshall, Hon. Assistant Treasurer

Hon. Treasurer's Report for the year ending 31st July, 2000

The balance sheet shows a continuing improvement in the assets of the Association, both in the current account with Lloyds TSB and in the National Savings Investment account. The latter has benefited particularly from the generous legacy of £500 from the late Henry Philp, whose death was recorded in the March Newsletter. There were no exceptional items of expenditure during the year and it has been possible to transfer money from the current account into the savings to compensate for past withdrawals. Payments for Hire of Rooms have been reduced this year as committee meetings have been held in members' houses.

I should like to thank Eric Besley for his work on the Audit of the accounts and for taking this on at very short notice. Also my thanks to all members for their assistance and support during my term of office, which I have enjoyed. I am sure that the same support will be extended to my successor.

D. R. Collard, Hon Treasurer

RETIRED CHARTERED ENGINEERS' ASSOCIATION
Balance Sheet for the year ending 31st July, 2000

1998/99	Receipts	1999/00	Payments	1999/00	1998/99
£		£		£	£
1312.00	Subscriptions	1320.00	Cooch lecture	60.00	28.38
190.00	Entrance fees	170.00	Student prize	100.00	100.00
0.00	Donations	10.00	Hire of rooms	134.29	190.00
1040.00	Annual Dinner	1040.00	Annual Dinner	1032.15	1037.20
405.00	Luncheon	375.00	Luncheon	375.00	401.50
49.19	Teas	36.39	Teas	33.88	18.10
127.50	Outings	561.00	Outings	484.20	222.50
19.68	Interest NSB	14.89	Corporation Tax	0.00	0.00
5.92	Interest Lloyds A/C	5.12	Typing, printing	567.48	545.44
			Postage	149.80	116.00
			Stationery	40.12	47.74
			Telephone	14.94	4.50
			Name badges	0.00	51.29
			Publicity	4.20	31.05
			Talks-expenses	46.24	0.00
			Miscellaneous	17.14	0.00
3149.29	Total receipts	3532.40		3059.44	2793.76
2793.76	Total payments	3059.44			
355.53	Balance	472.96			

Summary

Brought forward from	1999	806.49
Surplus for year	1999/00	472.96
H. Philp Legacy		500.00

1779.45

Assets

Balance current A/C	Lloyds	455.65
NSB Investment	A/C	1323.80

1779.45

D.R. Collard Hon. Treasurer

Auditor's Report

I have examined the accounts as presented to me by the Hon. Treasurer and, in my opinion, they represent a true and faithful picture of the financial affairs of the association for the year ending 31st July, 2000.

Hon. Auditor

Hon. Secretary's Report for the Year 1999/00

Title	Speaker		Date	Attendance
"Fuzzy Logic"	K.J. Wheeler	member	5 Oct 99	22
Cooch Lecture "Shackleton and the great Antartic rescue"	Dr. M.J. Gilkes	guest	19 Nov 99	60
"Railways in West Sussex"	W. Gage	guest	7 Dec 99	39
" Machine tool manufacture in Sussex"	S.R. Renew	member	4 Jan 00	26
"Fire safety in the home "	M. Adams, West Sussex Fire Brigade	guest	8 Feb 00	32
"The Sodium Sulphur battery system"	J. Cockburn	member	7 Mar 00	33

The RCEA prize was awarded to Heidi Burgess after the Cooch lecture

NATS, Swanwick	Visit	9 Nov 99	14 (15)*
King & Barnes brewery, Horsham	Visit	11 Jan 00	10
Worcester Controls, Burgess Hill	Visit	15 Feb 00	17
Ambion brickworks, Horsham	Visit	14 Mar 00	19
Shoreham Airport	Outing	5 Apr 00	46
Herstmonceux castle & Science centre	Outing	17 May 00	27 (33)
Wey & Arun canal trip	Outing	21 Jun 00	30*
Shoreham harbour & Shieldhall	Outing	12 Jul 00	33(49)
Garden Party	Outing	19 Jul 00	71(80)
Lunch at Northbrook College	Lunch	16 Mar 00	50*
Annual Dinner	Dinner	21 Oct 99	52
A.G.M.	Meeting	7 Sep 99	29
Committee	Meetings	5 during session	9,9,8,9,8

Membership

*numbers restricted

To date we have 115 members. During the association year we are sad to report the deaths of 6 members (P.E. Bish, L.A.E. Fosbrooke, H.L. Hammond, J.L. Jeffree, H. Philp, P.T. Taylor), there were 12 resignations (F.J. Adams, W.T.F. Bond, J.A. Fricker, R.H. Glossop, G. Hoey, J.P. Howard, A.G. Meecham, H.R. Page, R.K. Sharma, H. Speight, G. Spencer, J.J. Thomas) and 19 new members have joined (P.C. Booth, D. Bryan-Brown, B.F. Carr, J.W. Chapman, A.W. Crook, A.F. Dadds, G.L. Hurst, D.A. Jones, A.S. Laplin, C. Pilling, N.M. Preston, P. Robinson, R.H. Shipman, J.P.H. Spiller, H.J.J. Warr, N.L. Warr, Ms.B.C. Whitmell, R.K. Williams, J.M. Woodgate). Two members qualified for Life

Membership (C.S. Gibson, L. Middlemass), bringing the total number of life members to 7.

S. Oliver, Hon. Secretary