



# NEWSLETTER

**RETIRED CHARTERED  
ENGINEERS ASSOCIATION  
WORTHING**

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

## FORTHCOMING EVENTS

- |           |           |   |
|-----------|-----------|---|
| 4th Sept  | Wednesday | Coffee - at Albion Inn, 110 Church Road, Hove   |
| 11th Sept | Wednesday | <b>Annual General Meeting</b> , 2.30 p.m. Durrington C.C.<br>Invitation and documents are on pages 11 to 16 |
| 19th Sept | Thursday  | Coffee - at Three Crowns, East Preston  |
| 25th Sept | Wednesday | Committee meeting, 2.15 p.m. Durrington C.C.  |
| 26th Sept | Thursday  | Coffee - with Partners at Beach Hotel, Worthing   |
| 2nd Oct   | Wednesday | Coffee - at Albion Inn, 110 Church Road, Hove   |
| 2nd Oct   | Wednesday | <b>Talk</b> - "Automobile Safety"<br>by E.T. Besley<br>2.30 p.m. Durrington C.C.                            |
| 7th Oct   | Monday    | Copy date for next Newsletter   |
| 17th Oct  | Thursday  | Coffee - at Three Crowns, East Preston  |
| 17th Oct  | Thursday  | <b>Annual Dinner</b> at Beach Hotel, Worthing<br>see page 3 & 9 for application form                        |
| Every     | Monday    | Coffee at Laing's Arcade Cafe, Montague Street, Worthing  |

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

We welcome the following new member to the Association:

<p>1996 <b>SHARMA, R.K.</b> M.I.C.E. <i>12, Nicholson Drive Shoreham by Sea, BN43 5UP (01273 464840)</i> 1960-66 Roads Engineer, Ministry of Works, Kenya Gov. 1966-70 Hydrologist, Water Dept, Kenya. 1970-90 Highways Dept, East Sussex County Council.  <i>Interests:</i> Gardening, Reading, Swimming, Walking</p>	
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Mrs **Betty Phillips** is in the Rectory House Nursing Home, West Street, Sompting and would welcome visitors or telephone her on her direct line 01903 764583.

### **Annual Subscriptions**

At the May committee meeting it was decided to keep the annual subscription at £8 (rule 4).

## **Year of Engineering Success - 1997**

During a year long campaign the role of the engineer and the importance of engineering will be celebrated the length and breadth of the United Kingdom. The Year of Engineering Success, **YES**, is backed by the engineering profession, employers, industry, business, government, education and trades unions - a unique partnership. The aim: to increase awareness of engineering, across all ages and backgrounds, through the most ambitious public participation exercise ever mounted in support of engineers and engineering, which are vital to the nation's success and prosperity.

**PROGRAMME OF EVENTS 1996/97** Prepared by the Vice President K.J. Wheeler.

### **1996**

- Wed. 2nd Oct. **Talk:** Automobile Safety by E.T. Besley, Member.  
Thurs. 17th Oct. **Annual Dinner**, Beach Hotel, Worthing.  
Wed. 13th Nov. **Visit:** Edwards High Vacuum, Shoreham.  
Fri. 29th Nov. **Cooch Memorial Lecture:** Untrodden Snow by Prof. E. Laithwaite.

Wed. 11th Dec. **Talk:** Bridges 1999 by A.S. Whitaker Member.

### **1997**

Wed. 8th Jan. **Talk:** Cathodic Protection by R.G. Bailey, Member.

Wed. 15th Jan. **Visit:** Vent-Axia, Crawley.

Wed. 12th Feb. **Talk:** SE for Supreme Effort - rebuilding class S locomotive  
by G.H. Picken, Member.

Wed. 12th Mar. **Talk:** Designing for the disabled by W.T.F. Bond, Member

Wed. 19th Mar. **Visit:** De La Rue Cash Handling, Portsmouth

19th-23rd May **Spring Break:** Monschau, Germany

Wed. 18th June **Outing:** Filching Manor Museum and Michelham Priory, East Sussex

Wed. 16th July **Outing:** HMS Warrior, Gosport Sub-base

Wed. 20th Aug **Outing:** Tenterden Light Railway

Wed. 10th Sept. **Annual General Meeting.**

Wed. 8th Oct. **Talk.**

Thurs. 16th Oct. **Annual Dinner.**

Newsletters: 14th Oct 96, 31st Dec 96, 31st Mar 97, 18th Aug 97

Committee meetings: 25th Sept96, 22nd Jan 97, 26th Mar 97, 28th May 97, 6th Aug 97

## **Annual Dinner** - 17th October, 1996

The Annual Dinner will be held at the Beach Hotel, Worthing on Thursday, 17th October, 7 for 7.30 p.m. It will be in the main restaurant overlooking the sea. After dinner, the Rhynkled Rythum country and western group will entertain us. Dress - dinner jacket or dark lounge suit. Cost, £20 each, including wine with the meal. The menu will consist of the usual seasonal fare i.e. \*\*\* Egg & Prawn salad \*\*\* Roast Turkey with chipolata, Stuffing & Cranberry Sauce, Selection of Vegetables \*\*\* Choice of two Sweets or Cheese & Biscuits \*\*\* Coffee with Mints \*\*\*

Reply Slip (page 9) for return **not later than 3rd October.**

## **Coffee Morning Collections**

A total of £52 has been handed over to St. Barnabas Hospice from the collections made at the local coffee mornings, and this has been gratefully acknowledged.

*John Wigley*

## **Visit to Thompson Training & Simulation Ltd.,** Crawley

This visit took place on the afternoon of the 3rd April, 1996. Twenty-one members attended and the visit was informative and interesting to those members present.

The group was received by Lisa Bottle, Public Relations Manager, who outlined arrangements for visiting the factory in groups and a brief summary of the company organisation to date. Coffee was served in the lecture room.

Aspects of production and engineering for flight simulators was explained by Jim Tester, Engineering Manager. He said that airlines are increasingly taking off into "virtual reality" to cut pilot training costs and that "simulators" are a key element on the flight path to the future.

### **General**

The new Boeing 777 used for practice flights costs £15,000 an hour, compared with £600 for a simulator. Pilots can be put into difficult situations that cannot be replicated in real aircraft. Simulators also make more efficient use of training time: a pilot practising final approaches, for example, can land the aircraft and, with the turn of a switch, be immediately placed back at 1,500 ft to repeat the operation.

A "near" look further along the flare path of time shows pilot cockpits will have no windows. Computer technology has been developed that will enable commercial aircraft to fly in all types of weather.

The new "synthetic vision" system uses video cameras, infra-red cameras and microwave radar to build up a picture of what is happening outside the aircraft. These images are then combined with computer graphics to give pilots a dramatically-enhanced view of the aircraft surroundings, replacing the need for conventional cockpit windows. Aircraft have been flown and landed successfully without the pilot ever seeing the runway, except on a computer screen. Planes fitted with the new system would be able to take off and land in thick fog and other poor weather conditions, with the computer's extra radar and infra-red senses replacing normal vision. Eliminating the need for forward-facing windows, supersonic passenger aircraft design can be simplified. The "drooping nose" of Concord can be replaced in future designs by a fixed shape, when pilots no longer need to look out of windows.

Virtual reality helmets can also be used by pilots in training to find their way around instruments. The pilots will sit in a chair, put on helmet and gloves, and feel as if they are inside the cockpit. The experience is visual aural and pilots will be able to feel buttons, switches, etc. through the gloves. An advantage of using VR in this setting is that the hardware is not aircraft specific and the software can be easily changed.

### **Factory Visit**

Each group visited the factory floor and experienced firing at moving targets on a VR simulated military training range. A bumpy helicopter simulator flight along a rocky and narrow canyon at ground level was a shattering experience!

The highlight of the afternoon was a cockpit ride in a Boeing 777 flight simulator. Take-off from Heathrow - land Paris. "Switching" from day to night conditions on the "journey" and an automatic landing touch-down on the flare path, from which we all "escaped", for the car journey, by road, tracking south on the A23.

*Bernard Knight*

## **Outing to The Body Shop, Littlehampton**

An interesting visit was made with the ladies on the 8th May, 1996. Twenty members, wives and friends attended and toured the factory premises of the Body Shop, and the afternoon concluded with a cream tea in the cabin shop, at a reasonable price.

The Body Shop came into being in 1976 on an idea by Anita Roddick; the first shop opened in Brighton in that year and has developed into shops in 46 countries, and many more are planned.

Employees: 2,500 directly employed staff

Franchisees: 40 international head franchisees, 86 UK sub-franchisees, 82 US sub-franchisees

Customers: 78 million customer transactions worldwide in 1994/95

Shareholders: 6,809 register entries. Suppliers - Worldwide: 1,309

Products: The Body Shop successfully sells skin and hair care products to ladies worldwide, all made from naturally grown ingredients developed into prime products.

### **Factory Tour**

Walking the factory showed several laboratory type areas, where incoming ingredients are treated for quality and the Steel Reactors emulsifying the ingredients into basic products. It was interesting that no chemical changes take place in the manufacture of products, just emulsifying various types of fats, water and oils into compound mixtures. Similar to making a "cold cream" cosmetic type product. All products are filled into bottles on the premises, labelled and packaged for despatch to the countries from a purpose-built production line operation. It was reported that the warehouse main product storage area was

to be regionalised, for a more efficient despatch operation. Using state of the art consultants for the design with selection of products for despatch by computers.

The proverb said "all ladies using Body Shop products would look up to 10 years younger", although the starting date was not given!

*Bernard Knight*

## **Spring Break to Norfolk**

43 members and friends had an enjoyable holiday from 19th to 23rd May 1996.

*Photographs courtesy of Peggy Bannister & Ellis Fosbrooke*

## **Outing to St. Mary's House & Gardens,** Bramber

An interesting visit was made with the ladies on 20th June, 1996. Sixteen members and wives attended, and the afternoon concluded with a cream tea in the parlour.

It has been said that the history of St. Mary's is the history of England. A magnificent Grade 1 medieval house, classified as "the best late 15th century timber-framing in Sussex", which contains rare 16th century painted wall leather, fine panelled rooms, one decorated for the visit of Queen Elizabeth 1st, splendid carved oak fireplaces, superb marquetry decoration and strap-work doors. The foundations go back to the 12th century, when land at Bramber was granted to the Knights Templar. The present house was refashioned in 1470 by William of Waynflete, Bishop of Winchester and founder of Magdalen College, Oxford.

*Bernard Knight*

## **Outing to Parham House & Gardens,** Pulborough

A further interesting visit was made with the ladies on 11th July, 1996. Sixteen members and wives attended and the afternoon concluded in the usual way, with tea in the refectory.

In 1540 at the Dissolution of the Monastery of Westminster, Henry VIII granted the Manor of Parham, which had belonged to the Monastery, to Robert Palmer, a citizen and mercer of London, who, with his son when in Sussex, lived in a small house at Parham. The house became too small and in 1577 Sir Thomas laid the foundation stone of a new and larger house, which was to incorporate the existing one. In 1601 the house and estate were sold to Thomas Bysshopp of Henfield and from that time Thomas Bysshopp and his descendants lived at Parham. In 1922, eleven generations after the arrival at Parham of Thomas Bysshopp, the property was sold to the second son of the first Viscount Cowdray, the Hon. Clive Pearson. His eldest daughter, Veronica Tritton, now lives at Parham, but ownership has been transferred to Trustees, Coutts & Co. The house and gardens are now occupied by a charity, which is responsible for their maintenance and administration.

The heart of the house is the Great Hall, where meals were taken in the days of Queen Elizabeth I; the walls are richly adorned with paintings and tapestry. From the Great Hall and other furnished traditional chambers and stairways, one reaches the Long Gallery over the top of the house, 160 foot long, with large windows at each end and many south-facing windows with views over the deer park. In Napoleonic time, the Parham Troop of Yeomanry also drilled in the gallery on foot.

The well-kept grounds surrounding the property extend to about seven acres, providing lawns and walks under trees of several hundred years maturity. They lead to a 2 1/2 acre lake and give views to the open deer park.

A Veronica Maze in red brick and turf cut on the ground is recent; its design is from the needlework coverlet on the four poster bed in the Great Chamber within the house.

Adjacent to the house is a well-stocked and walled garden, planted with many scented flowers and shrubs. The deer park surrounding the property, recorded in 1628, now numbers between three and four hundred head.

St. Peter's church stands to the south west of the house and is probably of 16th century origin (there are remains of this date in the vestry). It was in part rebuilt and the tower added in 1800. The church seats about 78 people in high box-pews which, together with the pulpit and screen, are Georgian. The Squire's pew contains a private fireplace. The lead font is 14th century. The ancient church is all that remains of the old village of Parham, which was to lapse in the 18th century, and was rebuilt again to the west at Rackham.

*Bernard Knight*

## **Spring Break to Monschau** 19th to 23rd May, 1997

**Preliminary information** - complete details and booking form will be included in the October Newsletter

For our 1997 Spring Break, John Fowler has negotiated with Woods Travel Ltd. for a 5-day (4 night) holiday in the Ardennes, based at the three star Hotel CARAT, in the medieval town of Monschau in Germany, near to the Belgian border.

The Eifel and Ardennes consist of dense forests and hills rising to over 2,000 feet, with two international game reserves, shared by Germany, Belgium, France and Luxemburg.

The Hotel Carat is a modern hotel conveniently located, with its half-timbered buildings and picture book setting (at least, that is what the Tourist Board says). Accommodation will be in rooms all with private facilities, with half-board, i.e. dinner, bed and breakfast. The hotel does not have a separate lounge, but a spacious reception/lounge/bar area. It has a lift to all floors, a massage/beauty parlour, indoor pool, keep-fit centre and sauna solarium. Bedrooms have telephone, colour TV, radio and mini-bar. Courtesy trays and kettles are **not** provided.

We will travel as usual throughout the tour in a 49 seater coach with toilet facilities. Pick-up and return from home will be by taxi, which is included in the cost. The channel crossing will be by the shuttle both ways, which will significantly reduce our travel time. As usual with Woods Tours, the driver will also act as courier.

The cost of the tour (excluding insurance) should be around £249 per person, based on 40 fare-paying passengers travelling. If this number is not reached, a surcharge will apply. At this stage, the shuttle costs are only estimated, as the 1997 tariffs have not yet been released. There will be no single supplements payable up to a maximum of four single

members travelling. Insurance is charged extra and is payable at the time of booking at £7.50 per person, irrespective of age.

All excursions, as shown on the attached itinerary, will be included in the cost, but entrance fees are extra.

### **Itinerary**

**Day 1** Woods' door-to-door service will collect you from your front door and take you to the coach, travelling to Folkestone, where we board the shuttle. On arrival in Calais, we continue to our hotel in Monschau, stopping en route for refreshments and lunch.

**Day 2** An included guided morning walking tour of the delightful town of Monschau, with its half-timbered houses, narrow alleys, spires and castle. The rest of the day is free for your own exploring.

**Day 3** A day out to the beautiful Moselle Valley and the historic town of Cochem, set in the midst of terraced vineyards and overlooked by its castle.

**Day 4** A leisurely day through the Ardennes and the picturesque town of Valkenburg and Maastricht.

**Day 5** We leave after breakfast and travel to Ostend, where there will be time for lunch and stocking up on Belgian chocolates, before continuing to Calais for our late afternoon shuttle and the last part of our homeward journey.

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To: D.R. Collard, 9 Meadway, Rustington, Littlehampton, BN16 2DD

Please reserve.....places for me at the **Annual Dinner on 17th October, 1996** 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 £.....(£20 per person) payable to R.C.E.A.

Please note no tickets will be issued

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

**Applications by 3rd October, 1996**







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

**45<sup>th</sup>  
Annual General  
Meeting**

Dear Member,

The 1996 A.G.M. will be held at the Durrington Community Centre on Wednesday, 11th 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 13th September, 1995 (enclosed below).
3. Matters arising from the Minutes.
4. Treasurer's Report for 1995/96 and presentation of accounts for year ending 31st July, 1996.
5. Secretary's Report for 1995/96.
6. Retiring President's Address.
7. Induction of President Elect: K.J. Wheeler
8. Update of rules proposed by committee

Rule 2(b): replace "ladies" by "partners"

Rule 5: replace "Nominations for President shall reach the Hon. Secretary by the 31st August each year." by "Nominations for Officers shall reach the Hon. Secretary by the 31st July each year."

Add: "The Vice President automatically becomes the next President and is responsible for the programme during the year of office as President."

Replace "The Committee shall consist of.....Meeting" by "The Committee shall consist of the Officers and a further 3 members, one representative from each of the coffee mornings at Worthing, Hove and East Preston, one of whom shall retire annually in rotation, and being eligible, may offer themselves for re-election at the Annual General Meeting."

Add: "A quorum shall consist of 4 members of the Committee including at least 2 officers."

Last sentence: replace "vacancy" by "requirement"

Add: "In all votes the President or such person deputising for the President shall have a casting vote where the votes are equal, and shall exercise it in such a way as to preserve the status quo, wherever possible."

Rule 6: "The Committee and members of the Association and each of them expressly disclaim any liability to each other or to third parties for the accuracy or reliability of the contents of any lecture, talk, display, document, promotional material or other advice howsoever provided or acquired. Furthermore the Association accepts no responsibility for any injury or loss or inconvenience caused to Members or their partners in consequence of any meeting or visit arranged on their behalf."

Old rules 6,7,8,9, become rules 7,8,9,10

**9. Election of Officers and Committee for the Year 1996/97.**

The Committee wishes to nominate :

Vice President	D.M. Lewis		
Hon Secretary	S. Oliver		
Asst. Hon. Sec	R.G. Bailey		
Hon. Treasurer	D.R. Collard		
Asst. Hon. Treasurer	J.L. Wigley		
Committee members	B.R.Knight	retires 97	Hove
	R.P. Marshall	retires 99	Worthing
	E.T. Besley	retires 98	East Preston
Auditor	A.G. Standbridge		

**10. President's Address.**

**11. Vote of thanks**

**12. Proposal by committee "Purchase of Presidents Insignia" (see details on page 14)**

**13 A.O.B.**

**Minutes of 44th Annual General Meeting, held at Durrington Community Centre on Wednesday, 13th September, 1995, at 2.30 p.m.**

1. The President S. R. Renew opened the meeting in the presence of 41 members.
2. Apologies for absence: Messrs. Calverley, Norton, Newberry, Besley, Marson, Bish, Parry, Blundstone, Tuffen, Plyer and Lear.
3. The President announced that the death had occurred of A. H. Rudd, a committee member.
4. Minutes of the 43rd A.G.M., held on 14th September, 1994, were read, approved and signed. There were no matters arising.
5. The Treasurer presented his report, distributed with the last Newsletter, and added his thanks to the Auditor, A. G. Standbridge. Corporation tax at 25% will be applied to interest received on accounts for last year and for the future.

Discussion took place that active members received more value from the association and therefore should pay more, e.g. a £1 levy for tea. This was rejected, as it had already been in the past. It was decided to address this problem and also Life Membership at the next committee meeting.

E. Markwell proposed adoption of the Treasurer's report and thanked the Treasurer and Auditor.

6. The Secretary's report was adopted without discussion.

7. E. Markwell proposed, and R. Carey seconded, that the Officers and Committee for the year 1995/96 were accepted as proposed. Passed.

President	B.R. Knight	
Vice President	K.J. Wheeler	
Hon Secretary	S. Oliver	
Asst. Hon. Sec	R.G. Bailey	
Hon. Treasurer	D.R. Collard	
Asst. Hon. Treasurer	J.L. Wigley	
Committee members	S.R. Renew	Immediate Past President
	T.J. Morgan	retires 96
	E.B. Trotter	retires 96
	D.J. Fuller	retires 97
	W.T.F. Bond	retires 97
	D.M. Lewis	retires 98
	E.T. Besley	retires 98
Spring Break Organiser	J.L. Fowler	
Membership Secretary	E.W. Ayling	
Auditor	A.G. Standbridge	

8. The retiring President, S. R. Renew, thanked the Treasurer and Secretary and all members of the committee for their help in the last year, in particular D. Lear, Assistant Treasurer, who is retiring and had collected £400 in copper over five years for Cancer charity. In future the copper collection will be given to the local hospice. He also thanked J.L. Fowler for organising the Spring Breaks, and the new members who had joined the committee.

9. S.R. Renew introduced the new President, B. R. Knight, and presented him with his insignia of office, the gavel.

10. The new President, B.R. Knight, gave a detailed summary of his career, from flying during the war to gas engineering. A report will be published in the October newsletter.

11. E. Markwell proposed a vote of thanks to the new President.

12. Under A.O.B., J.L. Fowler stated that the Spring Break to Norfolk was now open to friends.

13. The meeting ended at 4.32 p.m.

## **Presidents Insignia**

This subject was proposed at the 43rd AGM and after discussion was rejected by 22 votes against, 13 in favour and 4 abstentions. The subject was raised again at the committee meeting on 27th Sept 95 after the experience of RCEA representatives attending the funeral of one of our members. On this occasion there were many representatives of various associations wearing their medals and insignias and it was felt that the RCEA president should also of been wearing a presidents jewel. The committee supported the proposal and agreed that the cost be investigated. At the committee meeting on 24th Jan 96 the price of a presidents jewel was determined at about £90. Due to the sum of money involved and the feeling of the 43rd AGM it was ageed that the committee would present the proposal to the 45th AGM. The presidents jewel would be of the form illustrated with the RCEA logo engraved ( an enamelled logo would cost a minimum of £275). The total cost of about £100 would have to be taken from the savings account.

## **Hon. Treasurer's Report for the year ending 31st July, 1996**

There has been a reasonable balance between receipts and payments over the past year, and total assets are only slightly below the 1994/5 level. However, it should be noted that any expenditure on out-of-the-ordinary items requires withdrawals from the National Savings Bank investment.

Corporation Tax now has to be paid on an annual basis; the payment shown this year actually covers the first two years 1994/6 under the new system.

I should like to thank the Hon. Auditor, John Standbridge, the Committee and all the members for their assistance and support during the year.

D. R. Collard, Hon Treasurer

**RETIRED CHARTERED ENGINEERS' ASSOCIATION**  
**Balance Sheet for the year ending 31st July, 1996**

1994/95	Receipts	1995/96	Payments	1995/96	1994/95
£		£		£	£
654.00	Subscriptions	816.00	Annual Dinner	1109.05	1218.55
61.00	Entrance fees	20.00	Typing, Printing	442.78	461.89
1249.55	Annual Dinner	1100.35	Telephone	16.04	18.00
4.00	Donations	0.00	Postage	109.06	116.43
50.54	Interest NSB	41.80	Stationery	21.39	23.72
0.41	Interest P.B. Soc.	0.00	Hire of rooms	74.86	137.19
3.83	Interest Lloyds A/C	3.63	Cooch Lecture	79.40	40.00
200.00	Transfer from NSB	75.00	Student Prize	75.00	50.00
27.54	Transfer fr. P.B.Soc.	0.00	Spring Break	16.60	20.77
0.00	Sale of old screen	10.00	Purchase of screen	51.84	0.00
381.50	Outings	20.00	Outings	20.00	379.50
			Corporation Tax	28.19	0.00
			Miscellaneous	0.00	3.99
<b>2632.37</b>		<b>2086.78</b>		<b>2044.21</b>	<b>2470.04</b>
		2044.21			
	<b>BALANCE</b>	<b>42.57</b>			

**Summary**

	£
Excess receipts over expenditure	42.57
Brought forward from 1995	810.06
	<b>852.63</b>
Less transfer to Lloyds A/C	75.00
	<b>777.63</b>

**Assets**

Balance current A/C Lloyds	112.56
Bank	
NSB Investment A/C	665.07
	<b>777.63</b>

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, 1996.

**Hon. Secretary's Report for the Year 1995/96**

As is usual this has been a successful session with good attendance at all functions as can be seen below:

Title	Speaker		Date	Attendance
"Technological change"	K.J. Wheeler	member	4 Oct 95	30
"Lloyds register particularly cranes"	E.B. Trotter	member	13 Dec 95	25
"Nuclear safety, planning and development"	L.J. Nash	guest	10 Jan 95	27
"Novel engine development"	S.M. Butler	member	14 Feb 96	39
"Metallurgy of Tungsten"	R.P. Marshall	member	13 Mar 96	26
"Fawley refinery construction"	B.R. Knight	member		
Cooch lecture "North sea gas"	Borg Juran	guest	24 Nov 95	38

The RCEA prize was awarded to Gary Jones after the Cooch lecture

The remainder of the programme; visits, outings, meetings and social functions are listed below:

Allenwest-Brentford	Visit	8 Nov 95	15
Eurotherm controls	Visit	17 Jan 96	15
Flight simulator	Visit	3 Apr 96	21
Body shop	Outing	8 May 96	20
St Marys House, Bramber	Outing	20 Jun 96	16
Parham House, Pulborough	Outing	11 Jul 96	16
Wakehurst Place, Ardingly	Outing	15 Aug 96	16
Le Shuttle to France	Outing	27 Apr 96	20
Spring Break to Norfolk	Holiday	19-23 May 96	43
Annual Dinner	Dinner	19 Oct 95	57
A.G.M.	Meeting	13 Sep 95	41
Committee	Meetings	5 during session	10,13,11,9,12

**Membership**

To date we have 107 members. During the association year we are sad to report the deaths of 3 members (E.L. Higgins, J.A. Parry and D.C. Plyer). There were 5 resignations ( K.A. Austin, R.B. Berry, R.J. Finch, A.C. Randle & R. Summarsell) due to members moving from the area or unable to participate in any way. Four new members have joined, ( R.P. Marshall, L.J. Nash, R.K. Sharma and C.E. Taylor), due to the efforts of our Membership Secretary, Ernest Ayling.

S.Oliver, Hon. Secretary