



NEWSLETTER

**RETIRED CHARTERED
ENGINEERS ASSOCIATION
WORTHING**

Hon. Secretary: S. Oliver. Elphin, North Drive, Angmering, BN16 4JJ ☎ 0903 787116

FORTHCOMING EVENTS

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|-----------|-----------|---|
| 6th Sept | Tuesday | Outing to St George's Vinyard, Waldron |
| 7th Sept | Wednesday | Coffee - at Albion Inn, 110 Church Road, Hove |
| 14th Sept | Wednesday | Annual General Meeting , 2.30 p.m. Durrington C.C.
Invitation and documents are on pages 11 to 14 |
| 15th Sept | Thursday | Coffee - at Three Crowns, East Preston |
| 28th Sept | Wednesday | Committee meeting, 2.15 p.m. Durrington C.C. |
| 29th Sept | Thursday | Coffee - with Ladies at Beach Hotel, Worthing |
| 5th Oct | Wednesday | Coffee - at Albion Inn, 110 Church Road, Hove |
| 5th Oct | Wednesday | Talk - "Combined Heat and Power Installations"
by R.G. Bailey
2.30 p.m. Durrington C.C. |
| 11th Oct | Monday | Copy date for next Newsletter |
| 20th Oct | Thursday | Annual Dinner
see page 9 for application form
Publication of October Newsletter & Handbook |
| 27th Oct | Thursday | Coffee - with Ladies at Beach Hotel, Worthing |
| 1st Nov | Tuesday | Visit to Gatwick Airport at 2.00 p.m.
see page 8 to sign up for security clearance |
| 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.

Corrections to last Newsletter

Apologies to our new member, R.B. Berry, who of course was in the "Royal Corps Naval Constructors" and to Ted Trotter for mis-spelling his name.

Beach Coffee mornings

As regular attendees will have noticed, the Hon. Treasurer has been relieved of the task of collecting payment for the coffee. The hotel has agreed that members should pay in the collection basket when taking their coffee (Ladies are served by the members). The price has been increased to £1, but this includes a refill, if you keep your cup.

Members' Handbook 1994/1995

Preparation work is now proceeding for the new handbook, to be published at the Annual Dinner, on 20th October, 1994. If any members, and in particular the new members, wish to have changes, modifications or update to their entry, will they please inform the Hon. Secretary by 14th September, 1994.

Programme for next session

A.G.M. :	14th Sept 94		
Dinner:	20th Oct 94		
Reg. meetings:	5th Oct 94	"Combined Heat and Power Installations"	R.G. Bailey
	14th Dec 94	"Things that go wrong"	F.J. Adams
	11th Jan 95	"CERN - back to the Big Bang"	S. Oliver
	8th Feb 95	Revolutions; past, present and future	S. Renew
	8th Mar 95	"Model T Ford"	E. Everard
Cooch lecture:	25th Nov 94	"Wey & Arun Canal reclamation"	J. Woods & P. Beresford
Visits:	1st Nov 94	Gatwick Airport	
	15th Feb 95	Smith Kline Beecham	
	5th April 95	Ordnance Survey, Southampton	
Spring Break:	28th May - 1st June 95	Jersey	
Outings:	29th Mar 95	Chichester Theatre backstage	
	? May 95	Christ's Hospital, Horsham	
	? June 95	Sotheby's, Billingshurst	
	? July 95	Visit to a private Garden	
Newsletters:	20th Oct 94, 29th Dec 94, 23rd Feb 95, 27th Apr 95, 31st Aug 95		

We welcome the following new members to the Association:

<p>1994 PEIRCE, D.D., F.R.Ae.S., <i>53 Craignair Ave, Patcham, Brighton, BN1 8UG</i> <i>(0273 559426)</i> Royal Navy Air Mechanic (helicopters) 1945-49 Aircraft Engineer on light aircraft in Kenya 1952-65 Senior Inspector East African Airways 1965-69 Airworthiness Surveyor (Zambia Govt) 1970-73 Aircraft Engineer in Sydney Australia 1973-74 Manager Line Stations, Gulf Air, Bahrain 1974-86 <i>Interests:</i> Classical Music, DIY, Gardening</p>	<p>1994 APTED, J.S., B.Sc.(Eng.), M.I.Mech.E., M.R.Ae.S. <i>"Trelawn", Rustington, Littlehampton</i> <i>BN16 3EE (0903 784691)</i> 1940-50 General industrial experience & student 1950-85 Hawker A/C to HSAL to BAe Kingston, mostly related to development & design of aircraft mechanical & fluid systems <i>Interests:</i> Gardens, Caravan, Bees, all things mechanical & scientific</p>
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Chrissie Morgan wishes to thank all the members who have written, telephoned and visited John since his accident, and she reports that he is now well on the road to recovery.

Enichem Elastomers Ltd, Hythe - 15th April, 1994

It was a pity that only six members took the opportunity to visit this extremely interesting chemical engineering company, covering forty-nine acres at Hythe.

On arrival, we were welcomed by the Plant Production Manager and two of his Section Managers, who escorted us to the board room, where coffee awaited us. We were given a history of the company, which was set up in 1957 by a consortium of tyre companies in this country, with a share capital of £18M, of which Dunlop and Goodyear each had a 40% stake. The plant at that time produced solid styrene and butadiene rubber. The Company now also makes styrene monomer, high solid latex and carboxylated latices to customers', i.e. manufacturers' individual rigid specifications for their own processing. Many examples of customers' finished products were shown, from tyres to foam-backed carpets and coated 'glazed' paper and cardboard. It was surprising to learn that five different rubber specifications are required to make a tyre. During the '60's and '70's a High Solids Latex Plant was developed and installed, together with a Styrene Monomer Plant and a Carboxylated Latex Plant. In 1970 the Company won the Queen's Award for Technology. All four plants operated on a continuous production basis, some 650 employees being involved. This figure had dropped to approximately 260 by the late '70's, due to the recession and also because the British tyre industry had been badly hit by the arrival of Continental and American supplies. In the early '80's the consortium was taken over by E.N.I., which is a group of companies owned by the Italian State, which also has a plant complex similar to Hythe. The Hythe plant is now strategically placed for supplying Northern Europe and overseas markets.

We were given process descriptions, supplemented by line diagram slide projections, of the four plants, as follows:

1. Styrene Butadiene Rubber (SBR)
2. High Solids Latex (HSL)
3. Special Products Plant (SPP)
4. Styrene Plant

The SBR Plant

This consists of 34 reactors in three reaction lines (two for continuous operation and one for cleaning). These convert butadiene and styrene monomers, emulsified in soap solution, into various latices used for both

high solids latices and dry rubber manufacture. A catalyst and an activated system are used and temperature is closely controlled. The process is stopped when the reaction contains large quantities of unreacted monomers, which are then recovered. The surplus butadiene is first removed, then the styrene is extracted by steam distillation under vacuum. The remaining latex is passed to storage, either for processing in the HSL Plant, or for coagulation and drying in the Dry Rubber finishing area. This latex for processing to rubber is first blended with antioxidants and extender oil, in emulsion form. It is then coagulated by the addition of brine and sulphuric acid, to form rubber crumbs. These are then passed through screw de-waterers, before final drying by hot air. These white rubber crumbs pass up an elevator for weighing into 36 kg. quantities, which are compressed into blocks and sealed in polythene, the particles under compression having turned black. The blocks are then despatched via the warehouse to the customer.

The HSL Plant

The latex for processing has first to be concentrated, so that the solids content of the emulsion is raised to 66% by a revolutionary new process developed at Hythe and licensed to most other leading producers throughout the world. After cooling to 10 degrees C, the latex then passes through a homogeniser. The shear stresses developed in the latex, by cavitation as it passes through the homogeniser valve, break down the potential barrier to agglomeration, and coalescence of the particles occurs. After agglomeration, the latex is passed through a series of evaporators until the desired solids content of the latex is obtained. This product is for moulded foams and adhesives.

The SPP Plant

This plant, for producing carboxylated latices for paper coating and carpet backing, is computer controlled, using butadyne, styrene, acrylic monomers, soap solution, a catalyst and an anti-oxident. The glass-lined reactors convert the monomers in the soap solution into latex. Unreacted styrene is removed by steam distillation under vacuum.

The Styrene Plant

Styrene (C₈H₈) is a clear oily liquid which is produced in this modern plant. Fifty per cent of the production is used on site for the many processes. Butadiene monomer (C₄H₆) a petroleum-based gas, which is the major raw material used on site, arrives by tanker from Portugal and is pumped from Esso's pier next door to large spherical storage tanks.

Having absorbed the foregoing, we were conducted in pairs around the first three plants, where we were able to discuss mechanical and operation problems with our guides. Finally, we were escorted back to the board room, over an hour behind schedule, to an unexpected cream tea!

Ellis Fosbrooke

Spring Break to North Wales - 25th to 29th April, 1994

Our members joined the coach at Bognor Regis, the Body Shop at Littlehampton, Worthing, Hove, Patcham and Pease Pottage, where we had our coffee stop and the driver, Dave, introduced himself and the coach safety regulations. We smartly turned up the M23, but at the west slip to the M25 the driver saw the very long queue and cleverly took the right lane M25 east and did a U turn at the A22. We then sped past the M23 queue, through the road works to join the M40 and through the splendid Chilterns, to turn off at Warwick and

journey south to Stratford-upon-Avon for the lunch break, except that many had already wolfed their sandwiches. We did not stay long, as it was wet and windy and Dave wanted to get away up the more scenic roads. So we went west to Alcester, then NE to Bromsgrove and Kidderminster, because Dave was, like our previous driver, Terry, a Black country man. We pressed on towards Shrewsbury, to pass through fields of sheep, which we would not leave until the Day of Return. After a comfort stop at Llangollen, we arrived at our hotel in Betws-y-Coed short of 6 o'clock, to unpack and prepare for that first ordeal, dinner. The chef and manager was a rotund character, modelled perhaps on Richard Griffiths in TV's "Pie in the Sky". The hotel a century ago had terraces and lawns sweeping down to the railway station, but had been pruned by the new road to a two metre footway. After dinner, several members went to explore Betws-y-Coed, but there was rain about.

After night rain, it was dry and warmer as we left for Portmeirion, a Mediterranean village created by the architect, Clough Williams-Ellis from 1925 to 1972, to explore the gardens, houses, coffee houses, shops and minarets on incredible vertical levels. Then we just had time for a quick snack before catching the *pièce-de-resistance*, the Ffestiniog Railway, threading its way through woods, cuttings and a short tunnel to Blaenau Ffestiniog, where we could have joined BR for Llandudno, but instead boarded our coach. Dave then took us up the Conwy Valley, beautiful scenery to Llandudno Junction, to turn on to the A55 and speed through the new immersed tunnel, superb Civil's job, then returning through old Conwy town, back to the A55 and Prestatyn, to meander through back roads to Betws-y-Coed via Llanrwst. It gave a little time to walk round the shops and post the cards before dinner.

Wednesday was another sunny day for the trip to Chester via the A5 and A5104, with a guided coach tour round the city by Dave before dropping us off by the Cathedral. Many then popped in to the refectory for a coffee, whilst others were joined by relatives or friends. The party then toured in an open-top bus the lovely timbered streets, sought prescriptions, had lunch in Brown's crypt, under portraits of the first Earls of Chester - who is the present Earl? Congregating at the Cathedral, we rejoined the coach to take the A55 back past Holywell to scan the Wirral peninsula and then stop to see the White Church. This had an unusual history, being partly looked after by the Canadian government, in memory of their many young soldiers buried there after the 1918/9 'flu epidemic. We had a quick glance at St. Asaph's, as we sped along minor roads, well driven by Dave, through a high plateau between many lakes and woods of the Forestry Commission. Eventually we arrived back at the hotel for a special dinner; after all those sheep, it had to be lamb! So the chef referred to the Welsh menu, which he had translated by one of his staff. We started off with superb wild salmon and trimmings, whilst the chef prepared to carve the seven rolled lamb joints for 38 people in three and a half minutes. It was an excellent meal for the engineer gourmets, and so well served by the girls. For those late night walkers it did drizzle, but we remained optimistic!

Thursday should have been a sunny day with blue sky; instead we had drizzle as we went south to look round a woollen mill, partly operative, but the shop well stocked by Edinburgh Wools! Returning past Betws-y-Coed and Capel Curig, still drizzle and low cloud through the inspiring Llanberis Pass, never to see Snowdon emerge. We then took the Lakeside railway at Llanberis along Llyn Padarn, cameras at the ready, returning to study the slate museum and work shops, including a magnificent 55 ft diameter water wheel. However, one intrepid member was determined to take the Snowdon mountain railway, even if only past half way and, like our ancestors the Romans, in sandals! After lunch, Dave continued trying to draw Snowdon, as we took the usual

minor roads, no wider than the coach, past Dinworic's past glory and then down the west side of the Snowdon range to Beddgelert and back to Capel Curig. We stopped at the Swallow falls which, with all the previous rain, was in magnificent spate. In Betws-y-Coed the ladies did their last shopping or just gazed in Anne Davies' boutique! The men did the packing? So to our last dinner; yes, it had to be pork, as we had seen two poor specimens at Llanberis. The conversation was just as ribald and noisy as on previous nights - it had been such an inspiring tour.

With regrets, we set forth on Friday, in sunny weather, down the A5 to Shrewsbury and then took the A49 to Church Stretton, for the coffee break. Continuing down past Craven Arms, Ludlow and Leominster, before going west along the winding A44 through Worcester, to arrive in Evesham for a late lunch and only a quick look at the very interesting Abbey. Still keeping to the A44, we went through Chipping Norton and Woodstock to Oxford, where we took the A34 down to the M4 and east to the M25, only to be confronted with LONG DELAYS on the M25, north and south. It was not our day, but one learned how to avoid these delays in a car, by using the slip roads of the many junctions to gain miles! It was more than a relief to stop at Pease Pottage for our first taxi, then freewheeling down to Patcham, Hove, Worthing and the Body Shop, and no doubt Dave was glad to be back in Bognor and an empty coach.

Alan Whitaker

National Rivers Authority, Sea Defence Works at Dymchurch

The visit to the sea defence works at Dymchurch took place on the 3rd May, in bright, but somewhat windy weather and was, unfortunately, supported by only four members.

The work was being carried out by Hynes Construction, and consisted of renewing a length of sea wall at St. Mary's Bay, which had been built in about 1930, was in a poor condition and less than the present required height. The section visited was nearing completion, as work is done in the September to April period, to leave the beach accessible to holiday makers during the summer.

The structure consists of a line of sheet steel piling, driven about six metres into the beach, ten metres on the seaward side of the lower wave return wall. Between the piling and the lower wave return wall are eight rows of 200 mm thick reinforced concrete slabs, laid with a small overlap and set on in-situ concrete keyed to the existing concrete apron of the old wall. Besides protecting the foreshore, the steps formed by the overlapping slabs dissipate wave energy before reaching the lower wave return wall.

The upper and lower wave return walls are of precast concrete, the lower wall set with its crest at 5.075 metres above sea level. The promenade, which is surfaced with 150 mm asphaltic concrete, is level with the top of the lower wave return wall at its seaward side, and has a fall so water runs off. The upper wave return wall on the landward side of the promenade has a crest level of 7.075 metres.

To the north of the section visited, a further length of wall was being constructed, but here only the piles had been driven and the first two courses of slabs laid, at which stage work was to be stopped and the site cleared for the summer.

After inspecting the St. Mary's Bay site, we visited the Willop depot, some distance north of Dymchurch, where the reinforced concrete sections are stored until required and, on the opposite side of the

main A259 road, the Dymchurch sea wall, where the structure was being renovated and the wall height increased by about 500 mm.

Ted Trotter

Amberley Museum - 15th June, 1994

There were no trains, but it was a glorious day as we gathered, twenty of us, at Amberley station. We walked to the museum along a leafy footpath, which occupies the route of the standard gauge rail track which formerly connected the lime works to the main line. The entrance and shop use the old loading platform area, hence the difference in levels.

We were welcomed by John Norris, Curator of the Milne Collection, who directed us to a vintage bus. It trundled along to Electricity Hall, diverting to pass the Tanyard Building, newly re-erected here to house the road building exhibits. Mr. Norris explained that quarrying and lime burning had been carried out at the site from early last century, latterly by John Pepper and Sons. The business closed in 1960, and the 36 acre site was neglected until taken over by the Southern Industrial History Society, with the aim of complementing the Weald and Downland Museum at Singleton. It opened in 1979 and is still being developed.

The Milne Collection, named after a former Chairman of Seeboard, was originally located at Tonbridge and intended to form part of a national electricity supply museum. During a conducted tour, we saw the 300 kV impulse generator in action, tried the "hands on" experiments, and viewed some of the vintage domestic equipment, which included a range of vacuum cleaners dating from the time of Booth and Hoover. Sadly, there was no steam for the impressive "up-and-downer" coupled to a Peebles generator, typical of early power stations.

We then split up, each to do his/her own thing among the remaining thirty exhibits covering, for example, printing, concrete working (did you see the canoe? It took to the water during the recent Spring floods), radio, wheelwrighting, boat building and, of course, lime burning. Some braved the stiff suspension of the narrow gauge quarry railway, to return for a welcome cuppa at the cafeteria.

This was very much an afternoon of nostalgia - many of the items we looked at were in common use in our younger days - but all the more enjoyable for that.

P.S. Who had the cream tea I ordered?

Ernest Ayling

Sheffield Park - 12th July, 1994

On the glorious 12th, and certainly one of the hottest days of the year, thirteen of us assembled for our afternoon amble; that is, all we could manage! Some of us had been fortunate to meet up and enjoy lunch together under the lovely trees.

Although the area does not boast a rose garden to bring colour in high summer, the beauty lies in the tranquillity of the lakes, the variety of the trees, and the summer-flowering water lilies.

We set off in small groups to circumnavigate the four lakes, around which the park was built in the 18th century by the 1st Earl of Sheffield, with advice from Capability Brown and Humphrey Repton. Because of the heat, we were glad to take refuge in the seats provided, and momentarily envy the swans their habitat as they searched for their supper!

As we neared the end of our walk back up the short rise to the shop, we knew that tea and cake were but another step away through the trees. This further pleasant interlude over, we set off for home again.

Do go again in October; the autumn colours and the beds of gentians are a joy to remember during the winter months. We are ever grateful to the National Trust for safeguarding their vast parklands, homes and gardens for our continuing pleasure.

Peggy Bannister

Annual Dinner - 20th October, 1994

The Annual Dinner will again be at the Windsor House Hotel, Windsor Road, Worthing on Thursday, 20th October, 7 for 7.30 p.m. After dinner Ted Laird will entertain us on the electronic organ. Dress - dinner jacket or dark lounge suit. Cost £18.65, each including a glass of wine with the meal. Reply Slip attached for return **not later than 13th October**, (Note that this is the last Newsletter before the Dinner).

Visit to Gatwick Airport - Tuesday 1st November, 1994 at 2.00 p.m.

An introductory talk and a look "behind the scenes", including a visit to the Baggage Handling System on the North Terminal, the Transit System and Loading Bridges. Also, if they are able to make a coach available, there will be an airside tour.

Group will be 20 maximum and applications to S. Renew by Thursday, 29th September **latest** in order that they have time to obtain security clearance and airside passes.

Spring Break to Jersey - 28th May to 1st June, 1995

The venue for our 1995 Spring Break is St. Helier, Jersey. We plan to leave on Sunday, 28th May and return on Thursday, 1st June and, as usual, members and partners, and their guests, will be most welcome.

A detailed description of the proposed holiday, the itinerary and booking form are enclosed with this Newsletter, and you will be pleased to see that we have negotiated a number of extras, such as included insurance and no single supplement. Beta Travel, our tour operator, has also included all our usual requirements, and at a very reasonable cost.

Due to coach size restrictions with Jersey coaches, we are keeping total numbers to 35 - 40 persons, so I suggest you book early and **send your booking forms direct to Beta Travel, 8 Field Row, Worthing, BN11 1TD with your deposit of £35 per head**. Applications will be dealt with on a "first come, first served" basis.

It is also important to book early, in order to ensure that suitable flights are registered with the airline company, to give us the maximum time on Jersey. One final point, do not forget your passports, in case you take an optional trip to St. Malo.

Please complete the enclosed notification and send it to John Fowler, so that he can keep a record of bookings made with Beta Travel.

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To : J.L. Fowler, 15 The Roystons, East Preston, Littlehampton, BN16 2TR
I have booked with Beta Travel for the **R.C.E.A. 1995 Spring Break to Jersey.**

Name.....(Block capitals)

My Guests will be (names).....

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

Please reserve.....places for me at the **Annual Dinner on 20th October, 1994** at the Windsor House 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 £.....(£18.65 per person) payable to R.C.E.A.

Please note no tickets will be issued

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

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To: S. Renew, 11 Chartfield, Hove, BN3 6DS

I wish to participate in the visit to **Gatwick Airport** on Tuesday 1st November at 2.00 p.m.

Full Name(Block capitals)

Address For security clearance and airside pass

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

**43 rd
Annual General
Meeting**

Dear Member,

The 1994 A.G.M. will be held at the Durrington Community Centre on Wednesday, 14th September, commencing at 2.30 p.m. We hope that all able bodied members will make an effort to attend.

S.Oliver. Hon. Secretary

AGENDA

1. Apologies for absence.
2. Minutes of the Annual General Meeting held on 15th September, 1993.
3. Matters arising from the Minutes.
4. Treasurer's Report for 1993/94 and presentation of accounts for year ending 31st July, 1994.
5. Subscription for 1994/95 fixed by Committee at £6 (Rule 4). Proposition to increase the joining fee to £5.
6. Secretary's Report for 1993/94.
7. Election of Officers and Committee for the Year 1994/95.

The Committee wishes to nominate :

President	S. Renew	
Vice President	B.R. Knight	
Hon Secretary	S. Oliver	
Asst. Hon. Sec	?	
Hon. Treasurer	D.R. Collard	
Asst. Hon. Treasurer	D.H. Lear	
Committee members	L. Bannister	Immediate Past President
	T.J. Morgan	retires 96
	E.B. Trotter	retires 96
	L.A.E. Fosebrooke	retires 95
	J.L. Fowler	retires 95
	D.J. Fuller	retires 97
	?	retires 97
		Spring Break Organiser
Membership Secretary	E.W. Ayling	
Auditor	?	

8. President's Insignia.
9. Retiring President's Address.
10. Induction of President Elect.
11. President's Address.
12. Vote of Thanks.

Hon. Treasurer's Report for the year ending 31st July, 1994

The donation of £150 generously made by Mrs. Stella King-Jones and shown in last year's accounts has been used to purchase a new projector.

In view of the deficit between income and expenditure the Committee considered the option to increase subscriptions to balance the shortfall. It was felt that in view of our assets the current subscription should be held at £6 and subsidised for at least one more year.

The committee feels that the Entrance Fee of £1 has fallen out of step with current values (it was last increased in 1971 from 15/-) and a proposal to increase the fee to £5 will be tabled at the AGM in September.

I express my thanks to the Hon. Auditors and members for help during my term of office (which I enjoyed) and trust that you will afford the same assistance to my successor.

R.A. Carey
Hon. Treasurer
31st July, 1994

Balance Sheet for the year ending 31st July, 1994

1992/93	Receipts	1993/94	Payments	1993/94	1992/93
£		£		£	£
574.00	Subscriptions	609.00	Annual Dinner	1206.00	1279.50
5.00	Entrance fees	10.00	Typing, Printing	444.28	455.81
1320.00	Annual Dinner	1204.50	Telephone	23.76	33.55
150.00	Donations	0.00	Postage	104.82	77.76
76.47	Interest NSB	63.33	Stationery	14.01	12.49
3.58	Interest BS	2.61	Hire of rooms	82.95	72.40
0.00	Transfer from NSB	150.00	Cooch Lecture	53.29	21.15
0.00	Sale of old projector	25.00	Student Prize	50.00	50.00
			Spring Break	9.82	0.00
			Purchase of projector	169.16	0.00
			Miscellaneous	28.96	52.88
2129.05		2064.4		2187.05	2055.54
				-122.61	
				2064.4	

BALANCE

Summary	£
Excess receipts over expenditure	-122.61
Brought forward from 1993	1147.88
	1025.27
Less transfer to current A/C	150.00
	875.27

Assets

Balance current A/C Portman BS	27.54
NSB Investment A/C	847.73
	875.27

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, 1994.

J.A. Parry

Hon. Auditor

Hon. Secretary's Report for the Year 1993/94

As is usual this has been a successful session with good attendance at the general meetings as can be seen below:

Title	Speaker		Date	Attendance
"London Underground"	E.E. Laird	member	13 Oct 93	32
"Rehabilitation Engineering"	E.J. Lane	visitor	15 Dec 93	26
"Road Safety by AD 2000"	A.S. Whitaker	member	12 Jan 94	37
"Soldiers All Three"	K.H. Lambert R.D. Ardagh R.D. Sheffield	members	9 Feb 94	40
"A Model Railway"	P.M. Harvey	member	9 Mar 94	44
Cooch lecture " Southern Water"	F.N. Widmer	visitor	26 Nov 94	38+

The RCEA prize was awarded to Miss B.J. Penney after the Cooch lecture

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

Southern Publishing Co.	Visit	9 Nov 93	21
Ricardo Consulting Engineers	Visit	22 Feb 94	18
Enichem Elastomers	Visit	14 Apr 94	6
N.R.A. Dymchurch	Visit	3 May 94	4
Amberley Museum	Outing	15 Jun 94	20
Sheffield Park	Outing	12 Jul 94	13
St. George's Vinyard, Waldron	Outing	6 Sep 94	not yet taken place
Spring Break to North Wales	Holiday	25 - 29 Apr 94	37
Annual Dinner	Dinner	21 Oct 93	68
A.G.M.	Meeting	15 Sep 93	42
Committee	Meetings	5 during session	11, 10, 10, 9, 11

Membership

To date we have 107 members and 3 widows.

During the year 11 new members have joined due, to the fine efforts of our membership Secretary, Ernest Ayling. There were 4 resignations due to members moving from the area or unable to participate in any way and, sadly, we have reported the death of E.I. Hunter.

I should like to thank the contributors to the Newsletters without whom there would not be anything to publish, as I am only a computerised Newsletter producer, not an editor.

S. Oliver, Hon. Secretary