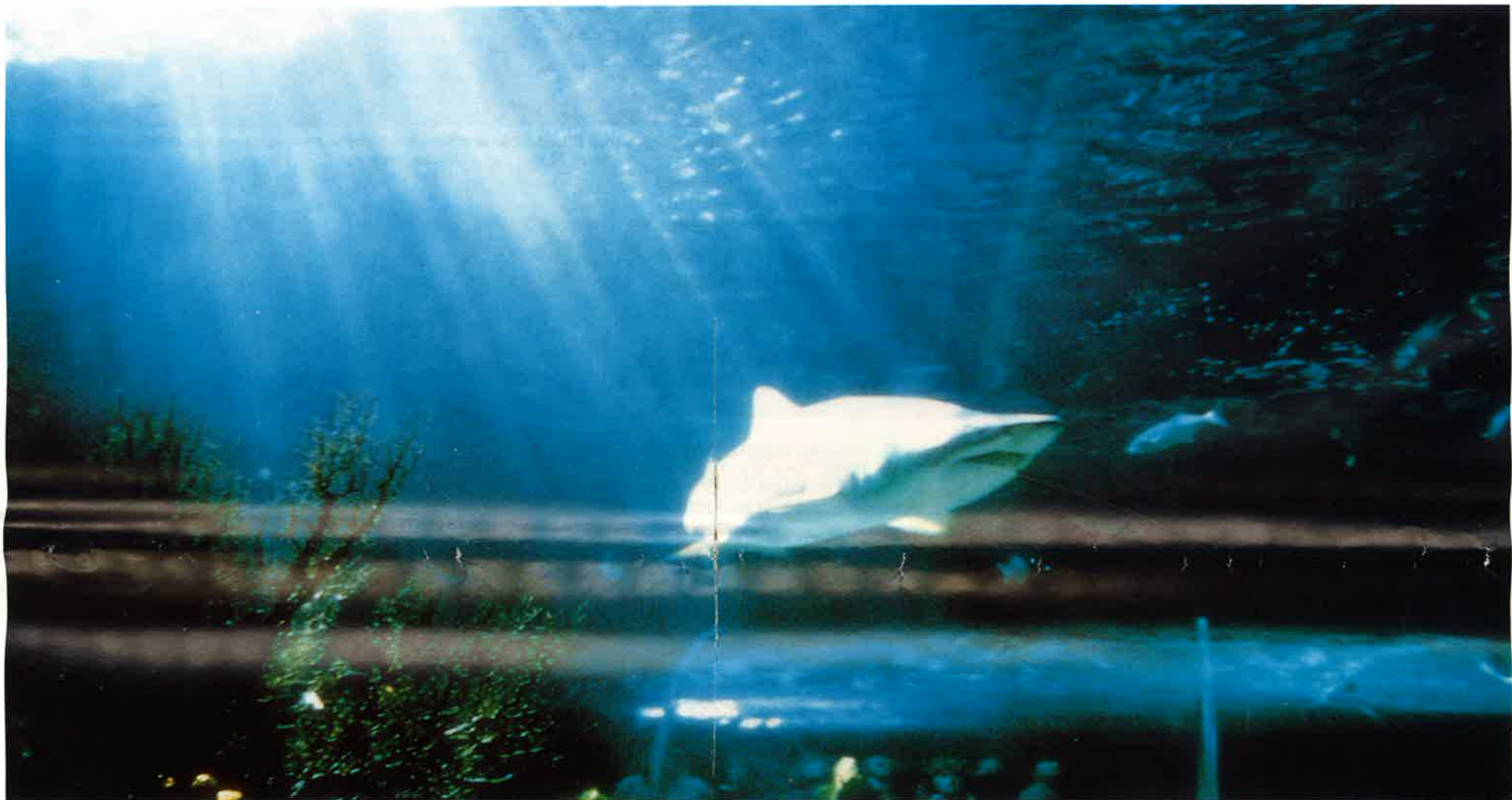


THORN NEWS



Just when it seemed safe!

THORN ALI Lighting has re-lit the internationally-famous Aquarium (above) in Sydney, Australia.

The two deep tanks – one each for sharks and big fish – had been lit by 36 metal halide highbay fittings suspended in rows above the water. This gave an even, technically correct illumination, but the lighting levels were low.

The stunning new scheme consists of a total of sixteen 1kW metal halide floodlights with a variety of clear and prismatic lens attachments. In the shark tank, eight floods are mounted at one end above an access platform. The floods optimise light. The impression is of a great volume of water with shafts of light penetrating to the “sea bed”.

In the big fish tank three floods are mounted above a pier and projected through wooden slats to produce a pattern of thin lines of light. Further drama is created as the water movement refracts the light off the submerged curved viewing tube, splitting the beams into the full spectrum. Five further floodlights are positioned at the opposite end.

The 1kW CID lightsource was chosen for its pure white light (5200K) which gives an appearance close to daylight. Originally developed for studio and theatre lighting, the lamp produces the type of light which underwater cameramen would use during filming.

The new installation has transformed a dull, evenly-lit environment into an exciting encounter with marine life. It has already won a commendation from the New South Wales Illuminating Engineers' Association.

INSIDE

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- 6 Photographic awards
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Expansion continues

THORN Lighting is to open sales operations in Belgium and Portugal as part of its continuing European expansion programme.

First, the company has acquired Lumelec, a small sales and distribution activity based in Liege,

Belgium, which currently acts as an agent for THORN Europhane, France. The Portuguese operation will be based in Lisbon.

THORN ALI in Australia has opened a new branch in Darwin, Northern Territory. The new state

manager is Graham Burbidge.

The new office was officially opened by Colin Firman, MP for Ludmilla NT, who said: “This area has become Australia's most exciting development region.”



THORN Lighting has commissioned a new intensity distribution photometer at its lighting laboratories at Enfield. The new photometer – believed to be the most advanced in Europe – cost £150,000, and cuts testing time from two hours to ten minutes. It consists of a 10m-high chamber housing 75 fixed position photocells which instantaneously record the vertical light distribution from a luminaire mounted on the computer-controlled gantry. The photometer was designed by scientists at the laboratories.

Lamplighter



Jason Harris receives his award from Mr Matthewman.

Ian Hincks receives his award from Mrs Yeung.

Neil Bishop, right, with Stuart Wale and Karen Williams.

Kerry Vernon receives her award from Steve Finnie.

Winners in every way

JASON Harris is best overall apprentice. He was presented with the Matthewman Shield at a recent presentation of awards to apprentices, lamp trainees and YTS trainees for their achievements of the year.

The best first year apprentice, Ian Hincks, was presented with the Yeung Cup.

The Matthewman Shield and Yeung Cup were first presented seven years ago by Mr and Mrs Matthewman and Mr and Mrs Yeung in memory of their sons who died during an Outward Bound Course.

The other prizewinners are: Simon

Neal, best craft apprentice; Neil Bishop, best lamp trainee; Kerry Vernon, best overall YTS, and Sangeeta Lad, best first year YTS.

The YTS trainees received Training Agency and THORN Lighting certificates at the end of their training.

Among the special guests were personnel director Mark Levett, Mr

and Mrs Matthewman, and Mr and Mrs Yeung. There were speeches from Mark Levett, Stuart Wale, Discharge, and Ken Wolfe, Halogen.

Right: ex-YTS with their certificates and awards are Pam Kaur, Liz Ward, Bina Kavia, Pam Kandola, Paula Edwards, Songeet Alad, Amrit Kaur and Coleen Lewis.



They're the tops



THREE Leicester employees — Jim Beeton, Myra Howlett and Bill Patel — recently received long service awards at a ceremony in Enfield. Employees from North London sites, were also included.

The ladies among them were each presented with a bouquet by managing director Hamish Bryce.

Of the three Leicester people, Jim Beeton started work with what was then AEI as an electrical apprentices. Having gained an HNC in Electrical Engineering, he was established as a departmental technician in the Sodium Linear Department.

Since those early days, Jim has progressed through the SOX Department, Manifold Engineering, the Training Department and the Stellox Department to his present position of production manager in the Discharge Lamp Division. He has also gained an Open University Degree.

Outside work, Jim has always been a keen sportsman and, but for knee trouble, could have become a professional. It was a joke with his team mates that it took more time to put his knee in place than to put his kit on!

Myra Howlett has spent most of her years with THORN Lighting working on Auto and Miniature Lamps.

She started with the Company 30 years ago, but left on two occasions to produce two sons — both of whom have followed in Mum's steps and joined the Company. Myra loves a "flutter" on the horses, and enjoys gardening and reading.

Bill Patel started working with the Company making sodium lamps. He has spent most of his 25-year service in the Mercury Department, where he has systematically worked through the ranks from operator, setter, chargehand and to assistant supervisor. His lamp-making skills are recognised as being second to none.

Left: back, from left: Hamish Bryce, Jim Beeton, Bill Patel, Steve Finnie, Stuart Wale and Ken Wolfe; front: Shirley Franklin, Sue Beeton, Manju Patel, Myra Howlett and Peggy Szpalik.



News in brief

THANKS to all employees for making last year's Special Olympics Charity £1717.54 better off. It was a remarkable total. We hope that the 1990 charity, Link Up — the Patient Support Group for Groby Road Hospital — will receive the same generous support.

Left: THORN Lighting Leicester Fire Brigade had another successful year with more than 40 trophies won. They included three district championship shields and third place overall at National Training Week. Also won at National Training Week were first place in the technical quiz, and first and second places in two ambulance events. The team, pictured with their trophies, are left to right: Pete Robinson, Eustace Richardson, Pete Chivens, Allan Gould, Andy Buckingham, Alan Lowe, Toby Phillips, Alan Searle, Mick Kowaz, Gary Marvelley, Vas Chohan, Phil Creed, Phil Jarvis, Chris Woodward.

GIRLS do you want to keep fit? An aerobics class is held each Thursday at 5.15pm in the Table Tennis area. All members welcome. Please see Marian Tinkley in LSE for further information. IT is hoped to run a yoga class on site one evening a week after work in

response to requests by many members of the Sports and Social Club. Watch the notice boards for further information! **SIXTY** members and guests enjoyed tasting various wines, brandy, port and liquors at the Sports and Social Club's recent cheese and wine evening. The drinks were supplied by Mr Attias of Colombia Wines of Ashby, who gave an entertaining commentary.

Customer service starts here



Rachel Godwin, editor of *Sold on Service News*, a new THORN internal UK newsletter, reviews the important initiative to improve customer service.

OUR prominence in the lighting business has been due largely to our reputation for developing and producing excellent products.

Unfortunately, our service performance has led customers to complain. Customers expect both product quality and service — quite rightly because they are paying for both.

The UK Commercial Division, together with PE International, a firm of specialist consultants, is addressing this issue by developing a structured programme to rebuild and improve our levels of customer service.

Conrad Brunstrom, of PE International, says: "The solution can only be achieved through a

meticulous, dedicated and designed approach to solving the problem."

When we talk about "customers" we normally mean people who buy the products. In fact, everybody has customers. For instance, each operator in the production cell is a customer of the previous colleague.

On a larger scale, our sales force is the customer of our factories. So, everyone must have regard to the quality of service given to their colleagues in order to serve the paying customer.

The programme has begun with a series of workshops in every sales region to establish just what customer service is all about. These workshops will be extended to other commercial and manufacturing areas.

An investigation has also been carried out at the sales regions into

the staff's views on the Company and its management. Clearly, customer care goes hand in hand with staff care.

Some of the regions have already begun to formulate working standards like the speed at which phone calls are answered, and how promptly customer enquiries are responded to. Action cards designed by staff themselves are being used to assist people to reach these standards.

The most obvious but far reaching benefit of all this is that good standards of working practise actually make life a whole lot easier. We experience less hassle and feel less stressed. We will know exactly what is expected of us and, with standards to achieve, we will know how to improve.

Ultimately, we will meet our customers face to face without having to make excuses. We will be proud of the service we give.

This programme has to become part of our culture. We must let it become "the way we do things around here". It is also a continuous process, not just the flavour of the month.

By adopting such a culture we will fulfil our mission statement to become the largest and the best lighting solutions company in the market.

This will in turn lead us to a profitable prosperous future together.

Sold on Service News has been launched in the UK to tell people initially at the UK regional sales

offices, showrooms, Hereford and Spennymoor, about the drive to improve customer service. The second issue appears in April, its contents largely about Spennymoor. Subsequent issues will cover stories from all regions and, of course, Hereford factory.

If anyone has any comments, would like copies, or wants to make a point about customer service, then please write to Rachel Godwin at Lincoln Road, Enfield, UK.



Manager wins gold

OMEGA area manager Richard Morris is the winner in the Mazda 2001 competition.

The promotion was designed to encourage the sales force to open new Mazda accounts and to sell more Mazda lamps during July, August and September 1989.

Richard, who is from the Central Division, opened 22 new accounts and sold 36,000 lamps to earn himself a substantial bonus. A total of half-a-million lamps was sold during the entire promotion.

At a recent sales meeting, Richard was also presented with a special gold sovereign worth £100. The coin was one of a limited

edition introduced by the Royal Mint to commemorate its 500th anniversary.

Left: Richard Morris, right, receives his gold sovereign from Keith Applin, managing director of Omega Lighting.



The Maori war canoe golf trophy

Golf competition 1990

GOLFERS worldwide are invited to take part in the International Golf Competition 1990.

It is the third year of the competition, which the sponsors in New Zealand hope will grow into a truly international event. Team entries last year were

received from Australia, three teams; New Zealand, two teams; and one each from South Africa; FLW Enfield — the winners — TLL Spennymoor and TLL Leicester.

The rules are simple. Each team of four players completes 18 holes

together on a local course in September. The signed score cards are sent to Enfield for scrutiny. The results are published in *THORN News*.

Enter your team or teams now! Full details will be sent out before the event!

INTERNATIONAL GOLF COMPETITION 1990

To: Brian Ayling, Govt. Dept. THORN Lighting. LRS

Country: Company

Address:	X		
		Player	H/cap
	1		
Contact Name:	2		
Fax No:	3		
Closing Date: 31 July 1990.	4		

Survey looks at women

A STUDY of the employment of women in THORN EMI is currently underway.

The objective is to find out how many women are employed in each grade in all of the THORN EMI businesses and to try to identify any aspects of the company policies or work practices which might have some impact on the employment of women in those areas.

The aim is to collate this

information by summer 1990 from the personnel departments and from the employees.

Samples of women will be questioned on a number of issues relating to methods of working, child-care, career breaks, careers advice and training.



Karl Schrader, Regional Manager, Asia, shakes hands with In Taik Lim, Korea's Deputy Minister of Commerce and Industry when he visited the Thorn stand at the Silight '90 Exhibition in Seoul, Korea.

During the exhibition, Thorn reached a sole agency agreement with Kumho Electric Company — the largest manufacturers of fluorescent tubes and incandescent lamps in the region with over 60% market share.

Precise orders frayed tempers



Above, from left: Mark Palmer, Enfield; Steve Everest, Leicester; Mike Epton, Leicester; Stephen Carter, Enfield; Michael Lancaster, Preston; Carol Bagnali, Leicester; Wayne Spencer, Leicester. Right: getting to grips with the Manufacturing Improvement Training course.

Alison Lawton, a student on a 12-month placement with THORN, reports on the graduate development programme.

DURING a three-month placement with the Public Affairs Department I joined the company graduates for the fifth module of their graduate development programme, which was the manufacturing improvement training course.

The aim of the training is to provide a practical way of developing the Just In Time (JIT) philosophy. The graduates were to create a JIT manufacturing unit and develop it so that the products met the exact standards specified by the customer.

This stipulation was later to cause tempers to become frayed as the customer was at times ruthless at rejecting products which were not up to the exact standard required.

The 14 graduates were split into two groups or businesses of seven which had to produce a range of notepads to extremely precise specifications set by the customer. Having been given only basic tools and raw materials both groups at first struggled to produce any stationery to the quality required.

This initially caused morale to drop quite drastically, but later success and a concerted team effort

soon had both teams back on their feet.

The customer at no time allowed the teams to become complacent as product demand altered during each manufacturing period with the introduction of new designs and specifications and the phasing out of the more straight-forward initial designs.

Both of the manufacturing units were responsible for purchasing and processing materials to a tight schedule and for producing performance measures, which were reported at a central discussion period. They also had to keep quality performance records, and to record whether their performance in each period was as successful as planned, and to keep records of their own finances.

As each manufacturing period was completed the groups were given a

chance to review their manufacturing methods. This gave them an opportunity to identify their major problems and rectify them through group discussion.

After two days of improving their manufacturing the graduates came to understand how important the layout of the cell is and how continual improvement of the layout creates more effective manufacturing.

In order to meet the customer's requirement at the specified times with the standard of quality required it was imperative that they got everything "right first time". They needed to design foolproof workstations, not only to maintain consistency but also to eliminate scrap and consequent loss of profit.

The course was regarded as a great learning success by the graduates, as those who are not directly in touch

with production had not seen the JIT philosophy in practice. This course is now being targeted at managers, supervisors and cell leaders who are highly involved in JIT manufacturing within the company.

There was a great deal of enthusiasm from the graduates and there is hope that this will continue throughout the remaining modules of their development programme.

The graduate development programme is designed for THORN Lighting's first appointment graduates and young professionals. There are currently two groups which, over a period of two and a half years, will complete 15 modules of development.

The graduates in group one have now completed six of their 15 modules. Group two are about to take part in module two. In 1990



both groups will be invited to attend training courses in finance and presentations skills.

In addition, the graduates in group one will attend courses in career management, time management, report writing and marketing. Group two will attend courses concerned with personal development, product knowledge and the manufacturing improvement module.

For further information please contact the Company Training Department at Leicester on 7555 322/324.

Taguchi cracks scrap problem



From left: Mike Rees, Barrie Broad, Denis Keating, Lawrence Robinson, Trevor Griffiths, Andrew Coyne and Alan Thomas.

Dr Steve Howe reports on a very successful application in high speed lamp making.

HOUSEHOLD lamps are produced at our Merthyr factory on complex, high speed machines. Towards the end of the lamp production cycle, the wires from the bulb are threaded automatically through holes in the cap solder plates.

It is at this stage on a bad day that up to 5 per cent of lamps are rejected as 'mistheads'.

Technical manager Mike Rees decided to use the Taguchi approach to crack this long-standing problem. He called together a cross-site team of maintenance, quality, production and engineering staff, and asked our consultants (Services Limited) to pilot the project through the initial design stages.

First came the brainstorming sessions. Every member of the team had a chance to say which factors he or she thought caused mistheading. In later meetings, the seven causes considered by the team to be most important were chosen.

These included the type of wire used, the speed of the production line, the size of the holes in the caps, the dryness of the cement and the type of capping material.

The whole trial was run over two days, making use of the double shift. Changes to the machine such as altering its speed were made overnight and during lunch breaks so as to cause least disruption to the production schedule.

Thanks to careful planning beforehand and constant discussion between all staff involved, the trials went almost faultlessly.

The team's hard work was rewarded because the results of the trial were clear. Of the seven possible causes of mistheads the team had chosen, the results showed that only the size of the holes in the caps had any real effect on the misthead scrap level.

Clearly, only caps with larger holes should be used in future. Not content with this success, the team is now looking at further trials aimed at identifying other major causes of scrap loss due to mistheading.

Independent staff sales agreement reached

FOLLOWING Home Electronics' closure of their Mistral Consumer Sales operation, THORN Lighting has reached an agreement with an independent company, Staff Sales Limited to operate staff shops at the Company's sites at Enfield, Leicester, Spennymoor, Hereford, Merthyr Tydfil and Preston.

Staff Sales Limited, which has

been set up by Martin Bellamy, who managed the Mistral operation, will offer a similar range of products at beneficial prices for THORN Lighting employees and pensioners.

Initially, this will be through the staff shops but a mail order service will shortly be available to all THORN Lighting UK employees.

Shop opening hours and other

arrangements will be published locally by Staff Sales Limited in consultation with the Personnel Department.

THORN Lighting wishes Mr Bellamy and his team good luck with their new venture, which has made possible the continuation of a valuable employee benefit.

Permanent red

PROOF that exciting political changes in Eastern Europe are having an effect on Western European companies comes with the news that THORN Lighting has opened a permanent exhibition stand at the Moscow Trade Centre in the USSR.

Opened in February 1989, the trade centre is the first permanent exhibition centre where Western companies can make contact with new customers in this previously "closed" territory.

Seventy companies, mainly West German, are taking advantage of the facilities of the centre, which includes the services of an engineer assigned, by the organisers, to each company. The THORN Lighting representative is Victor Ivanenco, who will be visiting the UK in the next few weeks.

THORN Lighting is the first lighting manufacturer to take a stand in Moscow.

Outstanding scientist

MAURICE Arthur Cayless died on 8 December 1989. He was an outstanding scientist who made major contributions to many areas of the science and technology of lamps.

He was a Fellow of the Institute and a strong supporter of it. After reading physics at Imperial College, he joined the British Thomson-Houston Company (BTH) where he started work on glasses. One of his inventions dating from that time is still in use — a series of glasses for sealing to metals.

He became interested in gas discharges, particularly those used in lamps, making some notable contributions to the physics and chemistry of cathodes. During this

period he suffered a long illness, the results of which were finally to cause his death.

He took this illness as an opportunity to educate himself in many aspects of theoretical physics, particularly statistical mechanics. This formed the key to his interests when he was able to work again.

His interest now centred on the positive column of the low-pressure mercury rare-gas discharge as used in fluorescent lamps. In a pioneering contribution that formed the basis of much subsequent work, Dr Cayless solved the coupled energy balance, radially dependent excited state balance, and ionization balance equations.

This required a matrix inversion, successive approximation solution, which was carried out on a computer (the Ferranti Pegasus) of such limited core memory and speed that its power is exceeded by many

present day hand-held calculators.

He found it necessary to develop novel mathematical solution techniques as well as mastering the physics of an extremely complex system. No theory of this complexity had been attempted before in gas discharge physics.

The predictions agreed so well with experiment that new lamps could be designed by computer — with some additions the theory is still in use 30 years later.

High pressure discharges now occupied his attention. His theory of these led him to believe that sodium vapour at pressures of the order of 100 torr should provide white light, a major goal of the lighting industry.

At the time there was no discharge tube which could be used, but an ingenious experimental lamp, with a sapphire window and electrodes made from sparking plugs, was made by his collaborator, M G Clarke.

It lasted long enough to show the

great potential of high pressure sodium discharges. Similar work was being done at GE in the US. They were just able to beat Cayless and Clarke to the first disclosure of this major new light source.

Nevertheless, it gave him great satisfaction to see the fruits of his originality in every town centre. He also had the satisfaction of being the first to explain the extraordinary spectrum of this discharge.

In 1968 he joined THORN Lighting where, as head of Lamp Research, he founded a small but productive research team. He was a superb administrator and a fine leader, fair and always thoughtful of the best interests of his staff.

With Professor Raffle he founded the successful series of Symposia on the Science and Technology of Light Sources. He retired in 1987 but always remained fascinated by science. He leaves his wife and two sons.

**D. O. WHARMBY and
J. F. WAYMOUTH, Leicester**

Competitors' corner

GEC has sold its remaining 51 per cent stake in GEC Osram to Osram GmbH. Estimated purchase price is £32m (Osram GmbH paid £40m 1986 for the original 49 per cent stake).

GEC Osram employs 2100 people at four sites in the UK and was struggling to break even on a turnover of £73m.

Sylvania is restructuring its distribution system and closing two factories in Massachusetts, one of which makes GLS lamps.

The company expects to close warehouses in 17 cities and move seven distribution centres to two. Job losses are estimated at 900.

Philips has won the order to light the seven stadia to be used in the 1990 World Cup in Italy. It is the sponsor of the competition. The company has also floodlit St Paul's Cathedral, London.

Possibly in response to the recent merger with GE, Tungsram has launched an aggressive light source campaign in Australia.

In another interesting move in Eastern Europe, Philips will open a branch in Budapest in April. Further west, Siemens has withdrawn from the difficult Danish market.

In the EEC our anti-dumping action against Japanese linear halogen products has been successful and we are awaiting a decision on duty levels.



With best wishes

Cella Imray, personal assistant to Hamish Bryce, recently left to await the birth of her first baby. Colleagues at Head Office presented her with toys and china for the baby, and wished her lots of luck. Claire Cole has taken over the job temporarily until Cella returns.

Around the Spike

THORN EMI is sponsoring a 10,000 mile overland "voyage of discovery" from London to Hong Kong to help raise £250,000 for the Save the Children charity.

Save the Children's Land Rover "Discovery" will be among a convoy of more than 50 vehicles on a route through Europe and Asia. A number of vintage cars will also be in the convoy.

Driving the Save the Children Land Rover will be explorers Maurice and Norma Joseph. The Save the Children team will set off with the other entrants from Marble Arch, London, on Saturday, April 7.

SIR Peter Walters has been appointed deputy chairman of THORN EMI.

Sir Peter, who retired as chairman of British Petroleum in March, joined the THORN EMI Board as a non-executive director in October, 1989. He is chairman-elect of Blue Circle Industries and a non-executive director of SmithKline Beecham.

His non-corporate appointments include president of the Institute of Directors and chairman of the governing body of the London Business School.

JAMES Fifield, president and chief executive officer of EMI Music Worldwide, has been appointed as an executive director of THORN EMI.

He is based at the New York headquarters of EMI Music Worldwide, where he is responsible for THORN EMI's recorded music and music publishing operations in 37 countries.

RADIO Rentals has purchased for £12m the rental business of Bennett and Fountain, a UK-based operation of over 60,000 customers.

PROFESSOR Gareth Roberts, director of research, has been appointed vice-chancellor of the University of Sheffield. He takes up the position on January 1 1991.

Six make a splash

Six "water babies" from Borehamwood completed a 6000 metre swimathon to raise money for Telethon.

The swimathon took place in various locations around the UK and was sponsored by Cadbury's. It was televised on ITV.

The swimmers were Neil Donovan, Kevin Ashley, Jan Kaczmarek, Colin Thom, John Ginn and Helen McCorry.

Names in the news



Douglas Stevenson

UK ORGANISATION

DOUGLAS Stevenson formerly chief executive of Software Sciences, is appointed UK chief executive reporting to Hamish Bryce. Douglas is responsible for the management of all THORN Lighting's commercial, technical and manufacturing operations in the UK and Ireland.

Andrew Osmond managing director, Commercial, and Richard Holdron, managing director, Operations, will report directly to him.

To enable Richard Holdron to concentrate his resources on improvements sought in the Light Sources business, Douglas will take direct responsibility for UK fittings manufacture and Clive Wheeler will report directly to him.

David Hazell will be responsible to Douglas Stevenson for the overall UK finance and accounting reporting routines to THORN Lighting Central Finance.

David will also drive the development of Information Systems across the UK operations aimed at improving customer service and taking out cost.

UK COMMERCIAL

Barry Dahill has left from his position of commercial director, Light

Sources. Con Thompson has retired as manager, Electronics, after 37 years.

UK OPERATIONS

David Rutherford has joined as manufacturing manager, Control Gear, based at Spennymoor, reporting to Clive Wheeler.

Bill Burn has become engineering manager, and Albert Hickman, manufacturing manager, Fittings & Mouldings factories. Both continue to report to Clive.

Arnold Hook is retiring as supplies manager after 33 years, and Trevor Burton has succeeded him, reporting to Clive Wheeler as Fittings Planning manager.

Peter Almond, personnel manager, has now overall responsibility for personnel matters at the three fittings sites — Spennymoor, Hereford and Birmingham.

Following reorganisation of UK Marketing, John Morris, design manager, and Tony Buchanan, marketing manager have left the company.

Ian Landgrebe, political and economic adviser, left in January to take up a consultancy position.

HONG KONG

Patrick Lee has joined as financial controller reporting to Steve Grao.

SWEDEN

Torsten Korsell, general manager of THORN Jarnkonst, has left the Company. THORN Jarnkonst's new personnel manager is Margoth Jonsson.

Robert D'Sa has joined the company as director, Discharge based at Leicester. Robert has a B.Sc. in Engineering and an M.Sc. in manufacturing management. He has worked at GEC and Turner and Newall.

Saudagar Singh has been appointed personnel manager for the Commercial Division, reporting to Bill Milford.

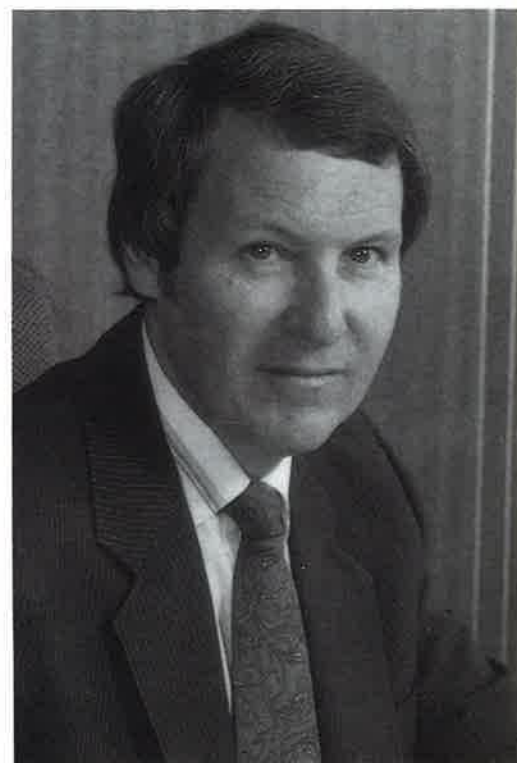
DISTRIBUTION

Les Tickton is appointed distribution controller for the UK and will be responsible for all distribution and warehousing. Peter Duggan and Oliver Sanders will report to Les.

OMEGA

Sales director John Beales has left Omega Lighting after 33 years with the Company.

Eddie Coupland, Northern Sales manager for Omega Lighting for the last eight years, left the Company at the end of February.



Ron Sullivan has been appointed regional manager Australasia for THORN ALI. He has held various senior international positions, including ten years in the US specialising in medium and high-tech businesses.

THE standard of entries in the photographic competition was extremely high. A professional photographer, Alan Turner, judged the competition. He trained with Cecil Beaton, and currently works for a wide range of commercial clients. He was extremely impressed. The four winners, plus an overall "best" photograph, are printed on this page.

High standards



Best people photograph: Mucking about in Boats, by Chris Sargeant, Leicester



World About Us category winner: Brian Woollard

'Hooked' when a small boy

BRIAN Woollard, of MSU Inspection, first became hooked on photography when a small boy. He started off with a Kodak Brownie Box, then graduated to a Kodak Retinette IB, his first 35mm camera.

In the later years, he joined Edmonton Camera Club, and progressed to a Canon FTB Single Lens Reflex, and then on to a Canon AE1.

Brian says: "Since joining the Company 19 years ago, I have entered numerous photographic competitions organised by THORN News and have achieved several winning places."

His latest winning photograph (above) is of a monument beside the sea in Lisbon, Portugal. It was erected in the memory of Henry the Navigator.

The photograph was taken using a Canon AE1, 35-70mm Vivitar zoom lens, 1/125 second F16, using a Fuji 100 ASA Colour Print Film.

"I enjoy photography very much", Brian says. "To me, photography is a portable medium to record a split second of time for posterity."



Best landscape photograph, Dawn Cooper



Best overall photograph: Flower, by Dawn Cooper

DAWN Cooper, winner of the best overall photograph, (above) works in the MSU Purchasing Department, Enfield. Her interest in photography was sparked off at 15 and was fuelled when her dad bought her first 35mm Minolta

manual, which took excellent photos but looked rather ancient.

She joined Stonehill Camera Club and was then bought an Olympus OM10 with all the filters. About a year later she joined Edmonton Camera Club, where

they had model evenings and studio set-ups of various subjects.

She has never entered any competitions in the past and was surprised when she heard that she had won. "It is a great achievement and I feel very proud," she said.



Best animal photograph: Red Setter, by Dave Mills, Leicester

Lamplighter extra



Gina Hoffman models a bridesmaid's dress.

A stylish walk for charity

LEICESTER YTS trainees, apprentices and training staff took to the catwalk in February — as an exercise for charity.

It was a joint venture by THORN Lighting and Bushey Mead School in aid of the East Midlands Special Olympics.

Fashions were by a local dress designer, Ross Matthews, of Knowles Fashions. Well-known locally for her original "bubble back" dress design, Ros designed and made dresses ranging from day wear to evening and bridal wear especially for the YTS trainees.

Ros Marsh, from the Training Department, compered the show before an audience of about 150 people. A total of £150 was presented to members of the Special Olympics Branch.



Congratulations to Jane and Nick Chawner on the safe arrival on December 23 of their first child, Adam Thomas, who weighed 6lb 15oz. Jane is the production supervisor in the Mercury Discharge Department.



Proud father, Ian Griffiths, of the SOX Department, with Heather Ann, who was born on December 19. Her mother, Jean, worked in the Mercury Discharge Department.



Mick English, production supervisor of the Sealed Beam Department, was 50 on January 19. A collection was made for him by the people on his section. In return, he supplied a dozen large cream gateaux!



Illa Patel, of Studio Halogen, was 21 on January 24. She was given a 21st key, handbag, watch, earrings and jewellery box by colleagues.



Ann Rambaldini, Arcstream, left recently to await the arrival of a baby.



Manjiv Pave, chargehand in the Wedge Base Department, usually provides cake for all the department at Christmas. The tables were turned when her colleagues presented her with an unexpected gift of a gold bracelet.



Children choose winners

TWO joint-winners in a fancy dress competition judged by children were Baljit Lall (Christmas pudding) and Karen William (Clown).

The children numbering 160, were those attending the Christmas party. Entertainment including Punch and Judy, followed by a disco. There was also a special visit from Father Christmas.

Right: Baljit Lall, as a Christmas pudding, and Karen William, a clown; below: Christopher and Nicola Keel, and James Medcalfe, enjoy tea with a new-found friend.



Pam Kandola, shop clerk in the Coiling, Dichroic and Halogen Maintenance Departments, recently celebrated her 18th birthday. She was presented with a bouquet, a watch, a cake, earrings and money by colleagues.

Chessmates



Michael Whatley and Steve Smith flank P. Marrall, who presented the trophies

MICHAEL Whatley, of Sealed Beam, won the Sports and Social Club Chess Club's first tournament.

Steve Smith, of the Plant Department, came second, and Mike Durston, of the Labs, was third. The number of entrants 23.

The Chess Club is a newly-formed Section of the Social Club. Boards are available every lunch-time in the club room.

Draughts are also available. Anyone wishing to know more about the club please see John Hall in the Plant Department.



Mike Durston



Amanda Severn, of the Studio Halogen Department, was presented with a toaster and clock when she left on February 9.



Farewell to Martin Bryan and Staff Sales following its closure on January 31. A site collection for him raised more than £158.



Andy Richardson, of Studio Halogen Department, celebrated his 21st birthday on January 22. Andy — seen with some of his colleagues — received many gifts.



Hughie Rooney recently took early retirement after working for the company for nearly 20 years. Gifts from his workmates in Studio Halogen included a watch and a tankard. Pictured with him is Pete Breward, production supervisor.

Designer lights up a park

WHEN THORN Europhane were asked to light Parc de la Villette – the largest urban park in Paris – they enlisted the help of top designer Phillippe Starck.

The result was the creation of a striking, ultra-modern amenity fitting, now known as the "Villette Line".

Parc de la Villette, situated a short Metro ride to the north east of the city, is home to "Cité des Sciences", Europe's biggest scientific and technical museum. The complex spreads over 55 hectares and draws over 2½ million visitors a year.

The "Villette Line" is a linear, aluminium tube with a prismatic controller at the top which houses two or four 36W 2L compact fluorescent lamps.

The fittings are energy efficient but also bring a distinct style to the park by day. At night they provide safety and security, and the lighting design signals pedestrian routes across large open spaces.

Elsewhere in the park under-bridge walk ways have been ingeniously lit with SONPAK fittings suspended on brackets and used in uplight mode. The fittings have been converted to use mercury lamps.



The youngest employees at the new Borehamwood headquarters, Hazel Bernard (left) Philip Cullen and Tracey Tilley, helped Hamish Bryce plant a hawthorn tree outside the new building to commemorate the move.



Who dares wins

A CHALLENGE has been issued by the Merthyr factory to any rugby side within Lighting who fancy their chances against a Welsh side.

Please contact Gerald Khan, *Enlightener* Committee, Merthyr Tydfil.

Remember

The 01 London telephone dialling code changes to either 071 or 081 on May 6. For the THORN sites at Borehamwood, Enfield, Mitcham and New Malden the 01 code changes to 081.

The code for the THORN showroom at Islington alters from 01 to 071.

Winners

- KEITH Gater, Leicester, wins a Swiss Army knife for 227 words in the Christmas pudding.
- Judi Wilso, Romford, wins a bottle of whisky for her crossword entry.
- A. McEwan, Larkhall, wins £10 for his caption suggestion.
- Sadly, no correct answers to the Quiz were entered.

THORN NEWS

THORN News is the staff newspaper for all lighting employees. It is produced by the Public Affairs Department, Borehamwood, but the contents do not necessarily reflect official Company views.

Editor: Helen McCorry (Borehamwood x 2040); Deputy Editor: Hugh King (Borehamwood x 2731). Correspondents: Enfield, Barry Hooper, Peter Everett, Claude Molesely, Jean Grant, Sue Du Becker; Spennymoor, Peter Almond; Hereford, Jeff Scourfield; TELC, Jeriny Bywater; Merthyr, Steve Hayes; Omega, Maureen Hall; Preston, Joan Barnes; International, Ian Allan; Leicester, Marilyn Gallagher; Cardiff, Tony Galea; Birmingham, Graham Wortley; Larkhall, Marjery Brown; Castleford, Jeanette Meek; Romford, Deena Smith; Manchester, Chris Whitelegg.