

Winter 1970

Wright ahead

the Head Wrightson magazine



Editorial

We are at the end of a year of great progress. We have taken new orders this year to a record total of over £40m from such widely different sources as Argentina, Brazil, Chile, Spain, India, Sweden, Holland, Belgium, Finland, Germany, Russia and the United States. The Nuclear Power Group have another design contract from Sizewell and we have received our first orders for the reorganisation programme of the British Steel Corporation.

These contracts were gained only after long negotiations and against strong international competition. Our main task now is to ensure the successful fulfilment of these contracts without losing all the advantages and more by inflationary changes. Indeed, the excessive and unprecedented rise in costs during the past year must concern us all.

The Company is well set. There is an air of confidence. 1971 will be a successful year if we contain costs within estimates and continue the present improvements. Nothing is more important to us now than that we should achieve this.

'Wright Ahead' wishes all readers and their families a Happy and Joyful Christmas and a prosperous New Year in 1971.

Appoint- ments



Mr G B Edwards, formerly Production Manager, Head Wrightson Stockton Limited has been appointed a Director of Head Wrightson Process Engineering Limited



Mr P F Hargreaves has been appointed Finance & Accounts Director of Head Wrightson (Management) Limited

Going metric

As the map shows, most of the world's nations use the metric system of measurement, and there is no doubt that we in Britain are going metric too. You have probably noticed on food packaging that weights are now being shown in metric as well as the usual imperial measurements. We are already involved in going metric with the change that has taken place in weather forecast announcements, where temperatures are now given in degrees celsius or centigrade instead of the traditional fahrenheit scale. Some people found the centigrade system confusing when it made its first appearance in British weather forecasts, but we are slowly accepting this new form of presentation. Going metric for the UK will be a natural follow-on to going decimal and for several years to come life is going to be a little more difficult for us all as we learn to operate and converse in these new terms. Unlike the change to decimalisation, which is partially with us now and will be fully effective within the next few weeks, the change to metrication

will be much slower. There will be no sudden conversion on a specific date like the decimal D day on 15 February 1971. The engineering industry plan is to be 75% metric by 1975.

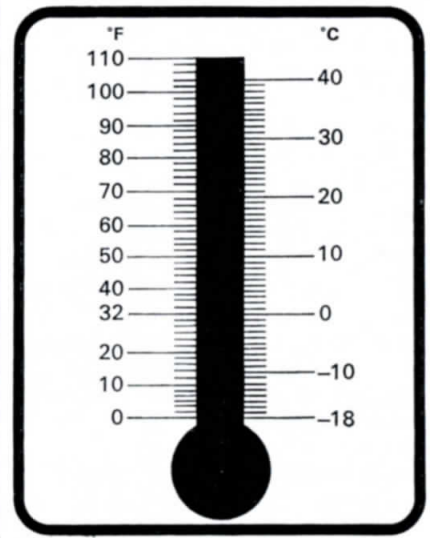
The main reasons for the change are :

- 1 to speak the same measurement language as the rest of the world, 80% of which use metrication.
- 2 to assist exports which go largely to metric countries
- 3 to standardise on sizes of materials and components
- 4 to achieve greater efficiency and economy in production.

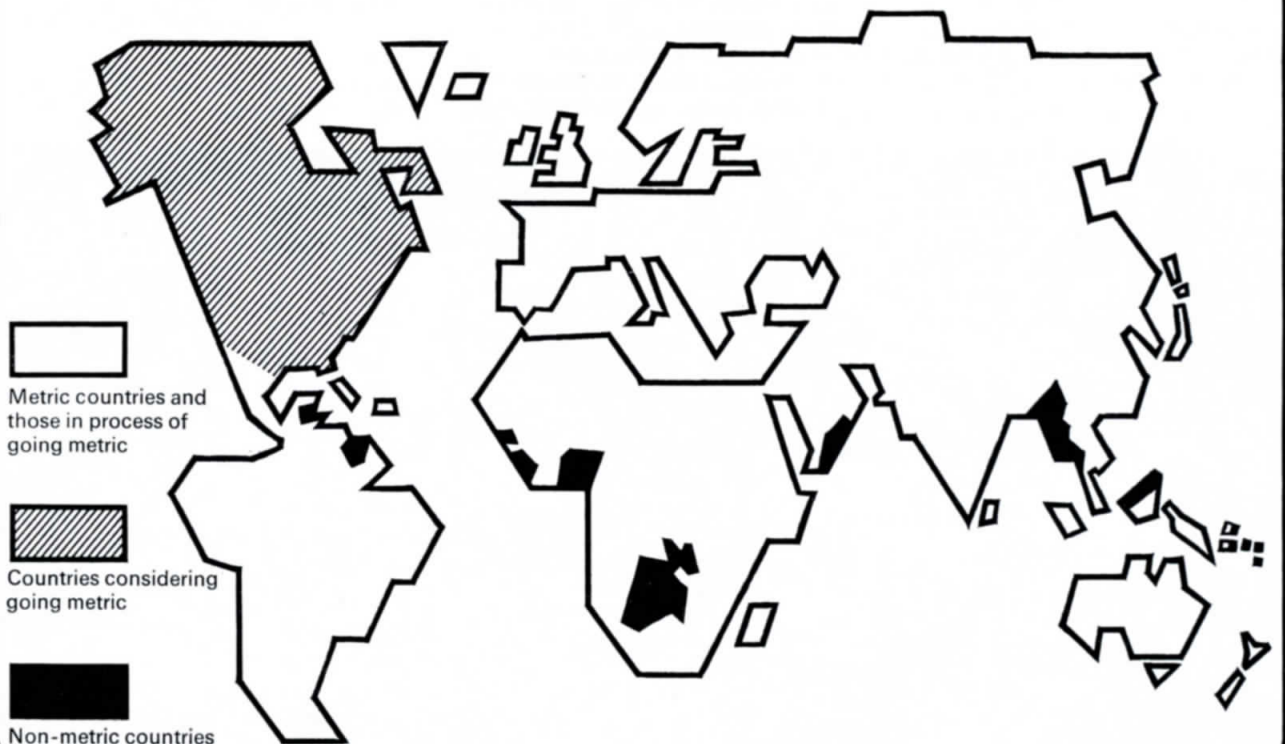
The metrication programme for Head Wrightson is well under way, particularly at The HW Machine Company, where working drawings in metric measurements have been in use for several years. The HW Training Centre are equally advanced, and for the past two years the training of apprentices has been bi-lingual – both imperial and metric. It will, however, be appreciated that the changeover may never be absolute as we will inevitably be dealing in the future with countries which are not committed to going metric. For this reason, and during the lengthy interim period, it is essential that machine tools are fitted with dual means of measurement, ie metric and imperial. We are

now able to see in increasing numbers our machine tools having the following types of conversion equipment fitted :

- a metric/imperial dual dials
 - b OPL optics dual metric/imperial system – vernier scales
 - c dual digital read-out equipment
- These are just examples of the metrication already in progress at Head Wrightson. In subsequent articles we will give further information on the theme of 'going metric'.



The metric world 1970



Russian ETL

About 900 miles to the east of Moscow lies the heart of one of Russia's principal mountain ranges, the Urals, which extends 1500 miles from the Arctic Ocean towards the Caspian Sea. The Urals are rich in mineral resources, particularly towards their southern end. Here large deposits of iron and other metallic ores, coal and limestone originally provided the raw material for the huge iron and steelmaking complex at Magnetogorsk. The designs for the Magnetogorsk mines and metallurgical plant were prepared in 1930 by Arthur G McKee & Company, American associates of Head Wrightson, at their headquarters in Cleveland, Ohio. During the following two years a team of American engineers supervised the construction of the plant by an army of Russian engineers and construction men. Living in what they described as 'frontier' conditions, they overcame the problems of the language, the sub-zero winter temperatures and the Russians' 'different ways of doing things' to complete a magnificent plant capable of producing, among other things, 2,600,000 tons of ingot steel and 2,100,000 tons of finished steel products every year. Since the war, the Magnetogorsk complex has expanded rapidly, and is still the Soviet Union's principal steel producing centre, with an annual output of 10 million tons.

No Western steelman has visited the site since 1958, but we believe that there are now four more large blast furnaces (making twelve in all), at least 35 open hearth steel furnaces, greatly increased rolling mill capacity, and a much wider range of steel finishing equipment. HW's involvement in the Magnetogorsk project began on 30 April 1969, when a £4m contract for the supply of a continuous high speed electrolytic tinning plant was signed between HWMCo and Stankoimport, the Moscow-based buying agency, who are supplying the plant to their client, Magnitogorsky Metallurgicheskiy Kombinat in Magnetogorsk. In addition to the tinning line, the contract includes a coil preparation line, two tinplate cut-up lines and an inspection and assorting line. The electrolytic tinning line will be very similar to the second line supplied by HWMCo to BSC's Ebbw Vale works. *A description of the Ebbw Vale ETL was given in the Winter '69 issue of Wright Ahead*. Operating at speeds up to 8.9 metres/second in the processing section and 10.6 metres/second in the entry and exit sections, it will coat steel strip from 700 to 1,000 mm wide and from 0.15 to 0.36 mm thick with a layer of tin from 0.34 to 2 microns thick. Delivery of the many complex parts of the ETL started last June and shipments have been leaving Middlesbrough works for Russia every month. Each part has to be thoroughly checked before despatch by three Russian inspectors based at Middlesbrough. A feature of the contract is the vast

amount of documentation which has to be prepared for various authorities in Russia, and this calls for a mammoth translation programme. At the moment there are seven independent translators working full time on this part of the work. R&D photographic department have also been kept busy – they have to photograph every item of equipment, making several hundred shots in all. In spite of the unusual complexities of the Russian ETL contract, deliveries, generally, are going ahead on schedule and initial site surveys will begin in January 1971. The resident site engineer for the project will remain at Magnetogorsk for two years, accompanied by a team of electrical and mechanical engineers and specialists from major sub-contractors. They will supervise the erection of the line by the Russians and carry out final tests before commissioning, which is expected in early 1973. As far as we know, the Russians have only one other continuous tinning line at present, and this is smaller and much slower than the line HW are to install. When the new Magnetogorsk ETL starts to produce high quality tinplate at up to 250,000 tons per year, it will become the principal Russian supply source for the material, which is used in very large quantities for tin cans, metal boxes and hundreds of other applications.

Part of the ETL equipment during shop erection at Middlesbrough works prior to shipment to Russia



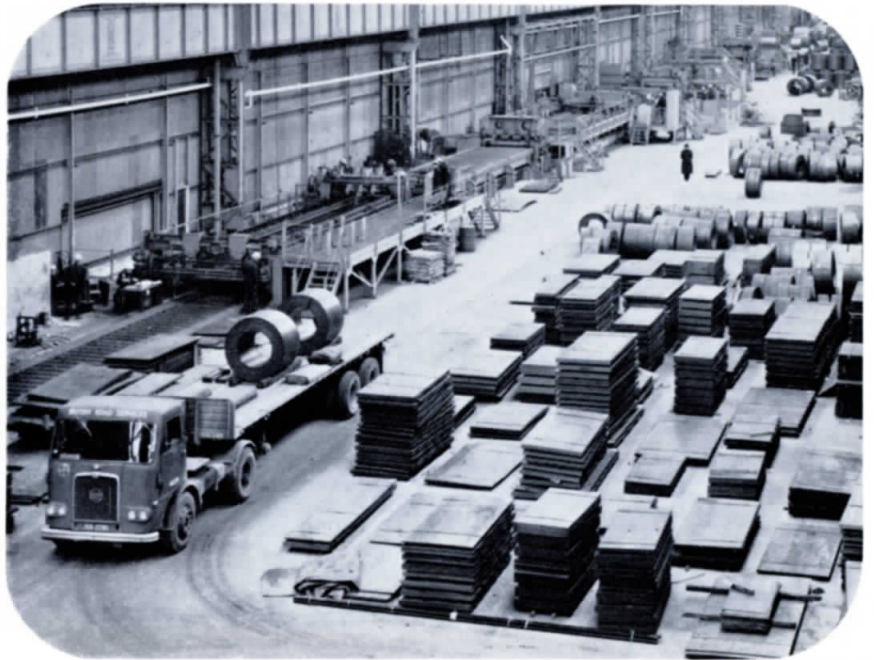
Another cut up line for Teesside steel works

One of the many end products of the British Steel Corporation's activities on Teesside is steel plate, which is used in very large quantities by the general engineering, pipe making and shipbuilding industries. Accurate shearing and levelling are an important part of steel plate production, and to cope with the considerable output HWM installed one of Europe's largest combination shearing and slitting lines for heavy coiled plate at the Redcar works in 1968. Now that production demands are even higher, HWM have been asked to supply another line of the same type to the South Teesside Lackenby Works. They have signed a £ $\frac{1}{2}$ m contract for the design, supply, erection and final commissioning of a heavy coiled plate line with its associated electrical equipment. It will be

housed in a new building next door to the Lackenby coiled plate mill. The new line will handle coils of steel weighing up to 5,300 lbs. and measuring over 24ins to 74ins wide by $\frac{1}{2}$ in maximum thickness. Operating accurately at high speeds, it will produce piles of steel plate in a variety of lengths. HWM have supplied all kinds of steel strip processing equipment to

BSC works around the country, including all the major cut up lines for heavy coiled plate and hot rolled strip.

General view of the shearing and slitting line supplied to the BSC Redcar works in 1968



Canadian coal contract

Coal mining in Canada is a booming business. At a time when there is a world shortage of coking coal for iron and steelmaking, with suppliers running low in many countries, Canadian coal producers are opening new mines and expanding old workings in Alberta and British Columbia. Six major companies have won contracts for supplying Japan's steel industry with 180 million tons of coking coal over the next fifteen years. One of them, McIntyre Coal Mines Limited of Toronto, provided Head Wrightson with our first major coal preparation contract in Canada for some years. The Premier of Alberta officially opened the Smokey River project

on 11 September, where coal production has started in two new mines in the Grande Cache area of Alberta, a previously unmined part of the province. McIntyre spent over \$40m on this development, including \$6m on a coal preparation plant contract awarded to Simon Carves Limited of Canada, from whom HWPEL received a sub-contract for the supply of design and process engineering of a cyclone washer. The 650 tons per hour washery was completed in record time – 15 months from start to finish – and is working efficiently. As a result, PEL have established a good reputation for themselves in Canadian mining circles. Cyclone washing is the most advanced method of cleaning small coal available to the industry. It separates coal into different grades with great accuracy and has a remarkably high capacity. The washery at Smokey River will accept $1\frac{1}{2}$ ins – 0 raw coal and separate it into three products – clean coal for export with an ash content of only 6.5%, 'middlings'

(ash content 25% to 27%) for use in a new power station at the mine site, and a residue of waste. HWPEL won the Canadian contract on price and reputation against strong competition from contractors in the United States, and a team of engineers started operations in April last year. Working 'transatlantically' with the main contractors in Canada presented one or two communications problems, but the telex machine proved invaluable and everything went ahead as planned. Project Manager, Mr C Corbidge made three visits to the site, the last during July and August when PEL's work was completed. Mr D Lenton, the commissioning engineer, remained on site after the opening to ensure that the plant personnel are properly trained. HWPEL's good standing with McIntyre Coal Mines Limited after the successful completion of the Smokey River contract is expected to result in further contracts on the project, and there is ample scope for future work in Canada's expanding coal mining industry.

Fume cleaning plant for BSC

A worm's eye view of the two 250 ft high flare stacks being installed at the new BSC oxygen steelmaking plant, Lackenby Works, by HWT erection dept. The stacks were fabricated at the Stockton works of HWT and are part of the contract for the fume cleaning plant.

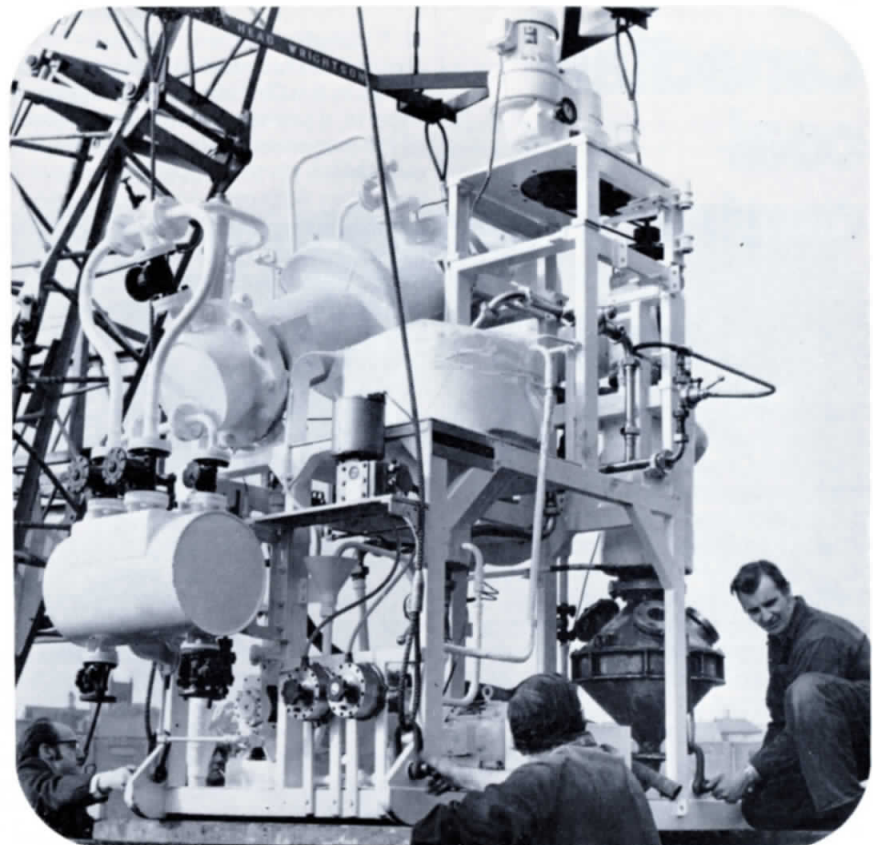
A 110 ton lorry-mounted tower crane, rigged with a 150 ft tower and 140 ft luffing jib, was used for the erection. It was sited between the two stacks to save movement and complete the job in the minimum of time.



HW service to the food industry

Photograph shows R&D's pilot plant scraped film evaporator on its way to a food equipment exhibition at the British Food Manufacturing Industries Research Association laboratories in Leatherhead, Surrey. This unit formed the centrepiece of a stand showing HW services to the food industry.

The scraped film evaporator is a patented device which can concentrate very viscous or pasty materials which would be difficult or impossible to handle by conventional means. Materials such as corn syrup, fruit purée, fruit juice and meat extract have been treated successfully in the evaporator.



HW tubbing segments for Cleveland Potash

One of 2,200 tubbing segments being made at HW Iron Foundries, for the new Cleveland Potash Mine currently under construction at Boulby, North Yorkshire. The £1m contract for the supply of shaft linings will entail production of approximately 8,000 tons of high grade cast iron and ductile iron. This is the second order Head Wrightson have won in connection with the new potash mine. The first was HWPEL's contract placed by Charter Consolidated Limited for the design and procurement of equipment for the ore treatment plant.



Southwire success story

When Head Wrightson's part in a new multi-million pound plant is complete in about two years' time, the Southwire Company of Georgia, USA will have its first copper refinery, and the first to be built in the south-eastern United States. The team of HWPEL non-ferrous specialists who brought off the Southwire success were led by Mr R Z Barr, London-based sales director. Between them they negotiated a management, engineering, procurement and site supervision contract which is the largest of its kind ever signed between a British company and an American one. Southwire's story of a 35% annual rate of growth over the 20 years of its existence is impressive even

by American standards. Much of this success is due to the considerable business acumen of the company's founder and present-day president, Roy Richards. Mr Richards started his business life in his father's saw mill, making wooden poles to carry electric wires. When a shortage of wire developed in the USA after the war, he had the idea of starting production of the wire itself, so he set up a small plant in 1950 with just ten employees and 12,000 ft of floor space. Soon he was widening the scope again, using new techniques to make the aluminium rod from which wire is made. Later he took the ambitious step of starting up an aluminium reduction plant, finding the necessary capital through a deal with the giant National Steel Corporation. Other interests developed alongside the aluminium plant: a series of business deals and innovations brought Southwire into metallurgical production in other metals, particularly copper. In 20 years, Southwire increased its payroll to more than 1800 employees, and the plant has

grown to over 100 times its original size. There are now 28 warehouses and 5 subsidiary companies in operation in various parts of the United States. The new copper refinery to be built at the company's headquarters at Carrollton, Georgia, will be based on designs by Selection Trust Limited of London, using features already tried and tested in Zambia and South Africa. HWPEL will be responsible for the supply and delivery of the equipment needed for the refinery and for supervising construction on site. Up to now, Southwire have had to buy 'ready refined' copper for use in their continuous rod casting plant. With the new refinery, they will be able to make rod directly from scrap copper by means of a continuous electrolytic refining and casting process. The effect will be to cut costs and improve productivity, something which has been going on continuously at Southwire since it was founded, making it now the world's largest independent producer of aluminium and copper rod, wire cable for the electrical industry.



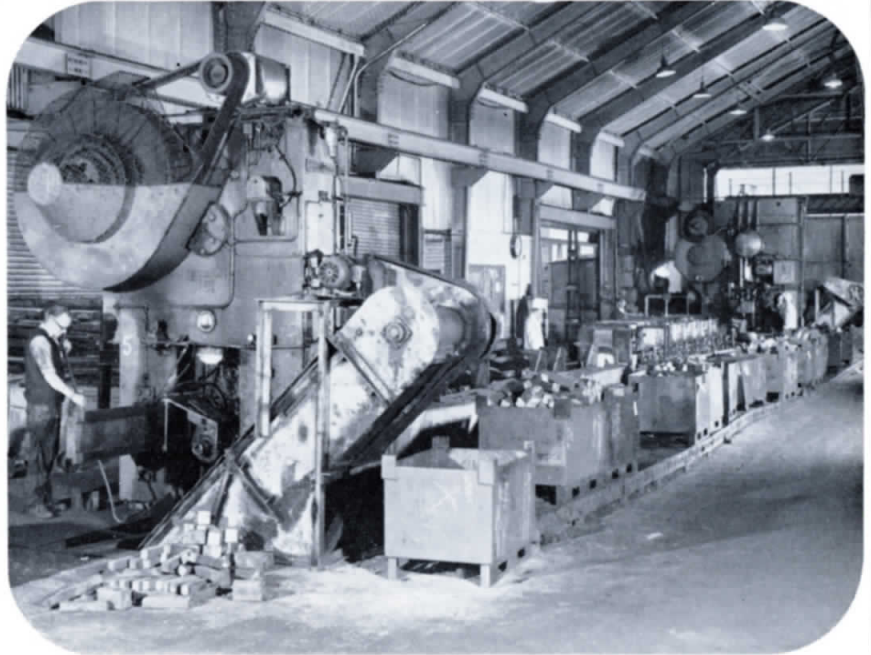
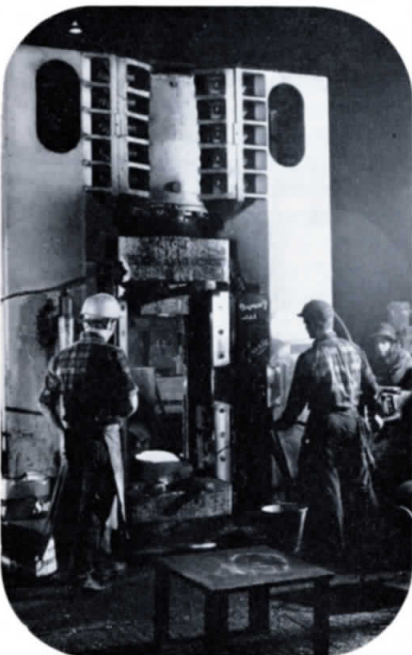
HW Stampings

Sow blocks, flash gutters and kissing surfaces might give many people the wrong impression of what goes on at HW Stampings, but they are everyday expressions to many of the 550 people who work there. Each is related to the production of steel and non ferrous metal forgings, which has been going on at the Brenda Road works since

Stampings moved there in 1939. Traditionally, Stampings have made drop and upset forgings for heavy vehicles like tractors, earth moving equipment and heavy motor cars, but others find their way into ships' anchor cables and various equipment in industries ranging from railways to coal mining. In the search for new markets, Stampings have developed the production of new types of forgings in many shapes and sizes and have worked with new materials – such as aluminium bronze for underwater fitments ordered by The Admiralty. Forgings for export take up a sizeable part of their production capacity, and there are past and

present customers in many parts of the world. Europe is naturally the primary market place for HW forgings particularly the Common Market countries and Scandinavia. The demand is mainly for heavy vehicle parts – two recent contracts came from Volvo of Sweden and Ford of Belgium.

To maintain the export drive, sales representatives and management from Stampings make regular visits to Europe. Mr Frank Brown *director and general manager* has just completed a week-long trip to Sweden, accompanied by Mr Les Mogridge *senior sales representative*.



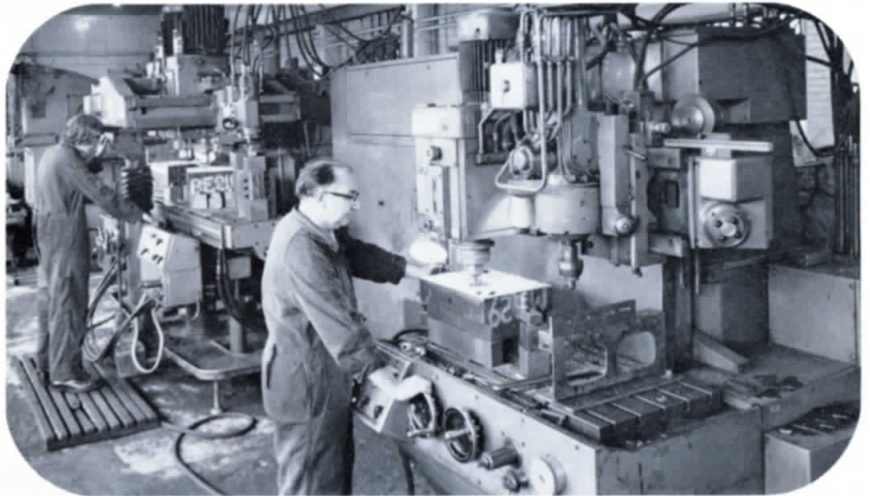
Since its early days at Seaton Carew HW Stampings have had a reputation for keeping up with the the latest developments in plant and equipment. During the last five years they have spent over £ $\frac{3}{4}$ m on capital equipment to improve productivity and keep works standards high.

The die shop now has two of the latest 'swiss rigid' tracer milling machines. These can trace dies automatically and accurately from a pre-formed pattern. One of them has a double spindle, enabling it to cut two die blocks at once. An average die lasts for 2,500 forgings, so naturally there are many dies which need to be stored for future use. A special area has been set aside as a 'die library' so that any particular die can be found quickly and easily.

New 5 ins and 7 ins shears for cutting mild steel have been installed in the shear shop which now has modern gas-fired tunnel furnaces for heating alloy steel. Incidentally, the 7 ins size means that the shear is capable of cutting 7 ins square mild steel cold.

The other gas-fired part of the works (the rest is oil-fired) is the heat treatment plant. Here metals can be batch treated to meet customers' individual requirements. This plant is serviced by its own mechanical loading equipment. The stamp shops have also been brought up to date to cope with present day production demands. Existing one to five ton hammers have been supplemented by two 3 ton Beche hammers from Germany. These are double-acting hammers, in which both the top and bottom parts of the die housing move, unlike the conventional hammer with its fixed bottom die. Modern pusher-type furnaces are replacing the old batch type furnaces, giving greater steel throughput. Ten are already in operation and more will be added later.

Work loads on the two eight hour shifts in operation each day are now controlled by computer to ensure that plant facilities are used to the full. Visitors to HW Stampings will notice one more innovation on their way into the works – the modern design of the entrance approach, complete with new nameplates. People at Seaton see the new signs as a good reflection of HW Stampings policy of following



left hand page

top HW Stampings – main entrance
bottom left one of 3 ton Beche hammers
bottom right general view of shear shop

right hand page

top Mr Frank Brown *director & general manager* HW Stampings consults with left to right, E Donne, A R Muir, B Bashford, L Mogridge & H Robson, prior to a sales visit to Sweden
centre part of the die shop
bottom stamp shop general photograph



For a Winter's day

A short story by an HW authoress

Maria opened her eyes to see the sunlight streaming into the room. She gazed around for a moment, sighing contentedly, and then suddenly, as if there were no time to waste, she found herself drawn towards the window and out on to the terrace.

Before her stretched the blue Mediterranean, glimmering in the morning sunshine and lapping gently on the golden sandy beach. This indeed was dreamland – it surely was too good to be true – she had never thought that such places existed outside the world of fiction!

It seemed but a matter of seconds before she was actually lying on the beach, gazing up at the cloudless blue sky and feeling the heat of the sun blazing down upon her. She felt utterly relaxed and at peace with the world. The soft murmur of the sea was like music in her ears and was just about to lull her to sleep when she suddenly saw someone coming towards her. She had never before seen such a handsome, suntanned creature – could he really be beckoning to her? Silently he approached and, as if in a dream, she rose to meet him and hand in hand they ran towards the sparkling sea. Together they swam in the clear blue water and then, returning to the beach, they stretched out on the warm sand and let the rays of the sun bathe them in a warm glow. Maria had never felt so happy – she could stay here for ever. Food and drink were immaterial, but eventually she found herself (still with Juan – the handsome stranger) sitting

under the shade of a colourful umbrella on a cafe terrace, sipping wine and enjoying a leisurely lunch against a background of soft romantic music.

What would happen next, she wondered – surely she must awaken soon and find it all a dream – but no, she was now in a speedboat racing across the bay, exhilarated by the soft spray gently falling upon her warm body and tasting the salt on her lips. Juan (an expert water skier) was skimming across the sparkling sea, his handsome bronze physique silhouetted against the skyline. Maria was happy just to bask in the sun and watch this magnificent creature skilfully speeding over the water.

All too soon, it seemed, the sun began to lose its strength and it was time to leave the sea and sand, but the wonderful day was not over yet. After wining and dining, Maria was now sipping champagne on the terrace and, as the moon shone down through the palm trees and cast a silvery glow on the now black sea, the music began to play. Juan drew her into his arms and as they began to dance she felt as though she was floating on air. The music grew louder and louder, and suddenly it came to an end.

Maria gave a deep sigh and looked round for the shoes which she had thrown off in a moment of ecstasy. She reached for her coat and shopping basket – just in time to get home in time for the kids coming home from school and to cook Fred some tripe and onions for his tea. These free travel films are a lovely way of spending a winter's afternoon – next week she would go to Iceland for a change!

Winners of the amateur snapshot competition

The 'holiday happiness' snapshot competition, sponsored by the Senior Staff Guild in association with Wright Ahead, attracted entries from as far afield as Invergordon and London. The judges, Mr Leslie Bell *HW Teesdale* and president of the senior staff guild, Mrs Susan Bridgewater *HW Teesdale* and secretary of *HW savings group*, and Mr George Wilks *HW Yarm* and editor of *Wright Ahead*, were in conclave for three hours before reaching their verdict.

Each entry was viewed by the Judges twice, during which no discussion was allowed. During the second viewing, the Judge's independently awarded each picture, marks up to a maximum of 10. The ten pictures with the highest marks were then considered separately. This short list was quickly reduced to six, which were viewed several times over before the Judges made their final choice. At no time during the competition were the Judges permitted to know the names of the competitors. Only after their final choice did they learn that the prizewinners were:

first: £5 to George Beckwith *HW Machine Co drawing office*
second: £3 to Harry Dawson *HW Teesdale purchasing dept*
third: £2 to Brian Gray *HW Teesdale heat exchange shop*

The wide variety of photographs and slides depicted the holiday spirit at locations virtually throughout Europe. The topics included farming, angling, boating, hiking, camping, pin-ups, feeding giraffes, riding donkeys, drinking, dancing, swimming, lazing around, beautiful scenery and many other subjects, all of which provided a delightful vocation for the Judges. Sincere thanks to Fred Mothersdale *HW Teesdale purchasing dept* who did a first class job with the organising of the competition. To the prizewinners hearty congratulations, to those who were not successful, many thanks for your entries. May you have better luck next year.

1

George Beckwith
HW Machine Co drawing office



3

Brian Gray
HW Teesdale heat exchange shop



2

Harry Dawson
HW Teesdale purchasing dept

*Editor's Note:
It is regretted that these
prizewinning pictures could not
be reproduced in colour.*



From the family album

An interesting voice from the Head Wrightson past spoke to us recently. The publicity about the four post blast furnace for Argentina brought a letter from Mrs L M Beckerlegge who is 74 years of age and lives at the charming address of Little Keigwin, Mousehole, Penzance, Cornwall.

Mrs Beckerlegge hearing on the radio of Head Wrightson's success in Latin America revived happy memories of her father, the late Joseph M Harvey, who in 1907 was sent to Uruguay by Head Wrightson to superintend a power station contract at Montevideo. From her father's papers, diaries and photographs, which Mrs Beckerlegge treasures, we learn that Mr Harvey was employed by Head Wrightson from 1901 until 1913. These make interesting reading and illustrate the varied contracts undertaken by Head Wrightson at the turn of the century.

- 1901 Weston Mill railway bridge at Plymouth
- 1903 Llanbradach railway bridge Glamorgan, South Wales
- 1904 River Spey railway bridge, Scotland
- 1905 Grosvenor Park railway bridge across the Thames
- 1906 Transport lift on the River Tamar, Calstock, Cornwall this was a construction to facilitate the transport of goods from the river level to the railway above
- 1906 Roof structure of Waterloo Station, London
- 1907 Montevideo power station, Uruguay
- 1910 Immingham dock gates
- 1911 Returned to Montevideo to extend the boiler house of the power station followed by further extensions to the engine room

Mr Harvey was born in Newlyn, Cornwall in 1859. His early life and work was concerned with the sea as a fisherman and mariner. At 19 years of age he was skipper of his father's boat *The Vigilant* and for 28 years reaped the harvest of the seas. It was a hard, cruel but adventurous life. In 1884, he saved a boy from drowning. The first of a number of occasions when he risked his life

A celebration party at Montevideo – Mr Harvey is seated fourth from the right (did all Englishmen abroad dine with their bowler hats on? Ed.)

for others. In 1885, when the Newlyn harbour was being built he rescued a workman who fell into the water and in 1887 he rescued another boy from drowning. The latter deed was recognised by the Royal Humane Society who presented him with a certificate on vellum. In 1887 he was a member of the Isle of Scilly lifeboat when on a dark winter's night, in thick fog and a strong gale, the lifeboat crew saved not only the crew of a steamship laden with cattle, but some of the cattle as well. The cattle were made fast to the lifeboat and towed to one of the islands about a mile and a half from the wrecked steamship.

Mr Harvey's diaries also mention the smuggling of tobacco and liquor which pervaded Cornwall in those days. In the year 1899 he sold his boat and gave up the sea to work on the dockyard extension at Plymouth. In 1901 he was employed by Head Wrightson and, as mentioned earlier, worked on numerous sites being promoted from working foreman to site superintendent. While working on the construction



of the River Spey bridge an accident occurred when the river was in spate and had risen some four feet.

In the disaster which followed two men were drowned, one man was saved by a lifebuoy, and two men holding floating timber drifted two miles down river before being rescued. Mr Harvey was thrown into the river and managed with the help of the crosswires to scramble to the bankside. He then went back into the water to help a workmate who was struggling with an underwater rope entangled round his leg. Unfortunately, the attempt to save this man was unsuccessful, but the deed was again recognised by the Royal Humane Society, and Mr Harvey received a second certificate on vellum. Other presentations to him for this act of bravery were a marble clock and two marble ornaments from his workmates, and a silver medal from the Lord Provost of Elgin. These awards are still in the proud possession of his daughter.

Dogged by ill health in his mid-fifties, Mr Harvey was forced into an early retirement in his beloved Cornwall, and in his 72nd year he was able to write his autobiography. Joseph Marrack Harvey must surely have been a remarkable man.

above

The Llanbradach railway bridge – 130 ft high and over half a mile long

below

The gifts presented to Mr Harvey for his act of bravery on the River Spey in 1905



Spooner Croft



RT (Dick) Spooner *HW Steel Foundry sales representative* was recently 'honoured' by having a road named after him. The authority concerned with the housing redevelopment in the vicinity of the County Ground at Edgbaston decided to name some of the highways after Warwickshire players who were capped for England, hence Spooner Croft. Other names in existence being Wyatt Way, Dollery Road and Hollies Croft, the large block of flats on the estate being named after fielding positions, ie Cover Point, Third Man, etc. Dick first played cricket for the Thornaby Junior XI and later transferred to Norton where he played under the Captaincy of D C H Townsend. In 1948 he joined the professional staff of The Warwickshire County Cricket Club and was immediately selected as first team wicket-keeper for the opening County Championship match of the season against Nottinghamshire at Trent Bridge. He spent the whole of the first day in the field while Nottinghamshire scored over 400 runs. This, incidentally, was the first time he

had ever seen a first-class cricket match. Moving on to the next match at Old Trafford, Dick again 'learnt the hard way' for Warwickshire spent the first day and part of the second day in the field while Lancashire amassed 470. He retained his place in the side for the rest of that season, scoring over 750 runs in all and proving himself an extremely useful batsman on many occasions as well as claiming 60 victims behind the stumps. Many consistently fine performances in County Cricket were ultimately recognised when he was selected to tour India in 1950-51 with the Commonwealth side. In the following winter, he was picked to tour India, Pakistan and Ceylon with the official MCC side, he played in all five Test Matches against India on that tour, scoring 319 runs with a highest score of 92. Two years later, Dick toured again with a MCC side, this time to the West Indies under the Captaincy of Sir Leonard Hutton, when he appeared in one Test Match. He made 168 not out, his highest score, in an unofficial Test Match against Pakistan. He has played in one Test Match in this

country, against South Africa in the final match in the 1955 series at the Oval.

His best season, in terms of statistics, was 1951 when he played a very vital part in Warwickshire's Championship victory scoring 1,767 runs (including 4 centuries) for an average of 43.09, and claiming 73 victims behind the wicket. His greatest innings for Warwickshire was undoubtedly the brilliant 158 he scored at Lord's in that year after W J Edrich had left Warwickshire the extremely formidable task of scoring 343 runs to win in the fourth innings. The challenge was accepted – Spooner and Gardner opened the innings and shared in a first-wicket stand of 147. Spooner was not dismissed until the score had reached 277 for 3 wickets, and his side was well on the way to victory.

As Wisden records :
'... Spooner, a left-handed batsman-wicketkeeper chiefly thwarted Middlesex. He made the highest score of his career in polished style, and his match aggregate reached 254.'

Stockton panorama

A panoramic view, as seen from Teesdale works, of the new £4½m development project on the east side of Stockton High Street. The scheme is scheduled for completion in 1972. Clearing the site has given the works a fine view across the River Tees of the Town Hall, the Shambles, the Market Cross and Finkle Street.

Grassing and tree planting on the Head Wrightson side of the Tees was instigated by the Company some years ago to improve the general appearance of the river frontage. It is now maturing into an attractive area of 'green belt' on the riverside.



Hobby horse



David Kinsella's hobby is horse riding, regrettably he has no horse of his own but he is the proud owner of a host of coveted rosettes. David, assistant buyer at HW Stampings, has been riding horses for about eleven years and this past season has been one of his most successful at gymkhanas and show jumping events. Typical of his achievements is David's recent 'double' at Darlington and Skelton. In the morning he rode 'Salty', a horse owned by Mrs Marie Adcock of Sedgfield, in the South Durham hunter trials at Darlington, and won the novice jumping rosette. The same afternoon David rode 'Bambi' one of his favourite mounts, owned by Mr Ray Hawkey of Thorpe Thewles at an indoor jumping event at Skelton, where he won the Chairman's Cup.

Congratulations on your successful season David.

David Kinsella HW Stampings with 'Bambi' one of the horses on which he has gained many successes. Photo by kind permission of Stockton Express

Training news

Kenneth Poole

A team of 25 British apprentices left London Airport on Thursday 4 November to take part in the 19th International Apprentice Competition being held this year in Tokyo, Japan. One of them was Kenneth Poole, an apprentice plater with HW Teesdale, who is the UK representative in the fabrication of steelworks section.

Kenneth, who is 20 years old, lives at Roseworth, Stockton, with his parents, three brothers and three sisters. He joined the HW Training Centre in 1965 and after his first year's basic training, joined HW Teesdale to serve apprenticeship as a plater. Since then he has done well at work and in his day release course at college, passing all his examinations so far. Last year he came second in the regional City and Guilds Apprentice Competition and fourth in the International Final. Being even better this year when he took first place, and won his right to represent Britain in Tokyo. Since then he has been training hard for the competition, under the supervision of his 'manager', Mr George Cain, who has been one of the main contributors to his success.

Kenneth is the only North-Easterner in the British Team – the rest come from all parts of England and from Ireland, Scotland and Wales and represent crafts ranging from industrial electronics to stone masonry. On Wednesday 4 November they all met for the first time at a special luncheon at the Department of Employment and Productivity in London before taking the flight to Japan the following day.

On arrival in Japan the teams were guests at a series of receptions and fraternization parties where they met their fellow apprentices from many parts of the world, including competitors from such highly industrialised nations as West Germany, Italy, Sweden and Japan itself before Monday 11, the first of the four days of the competition. At the time of going to press, we are still awaiting to hear whether Kenneth has gained yet another success by winning one of the gold, silver or bronze medals awarded to the top three competitors in each section. Informed sources at HW Teesdale and in the Training Centre say that Kenneth has a good chance in spite of the stiff competition, but whatever the result he will have achieved more than any other apprentice in Head Wrightson history by winning a place in the 'Olympics' of the apprentice world.

Stop press Tokyo

**KENNETH POOLE WINS
A BRONZE MEDAL**

Many congratulations Ken, we are all very proud of you.

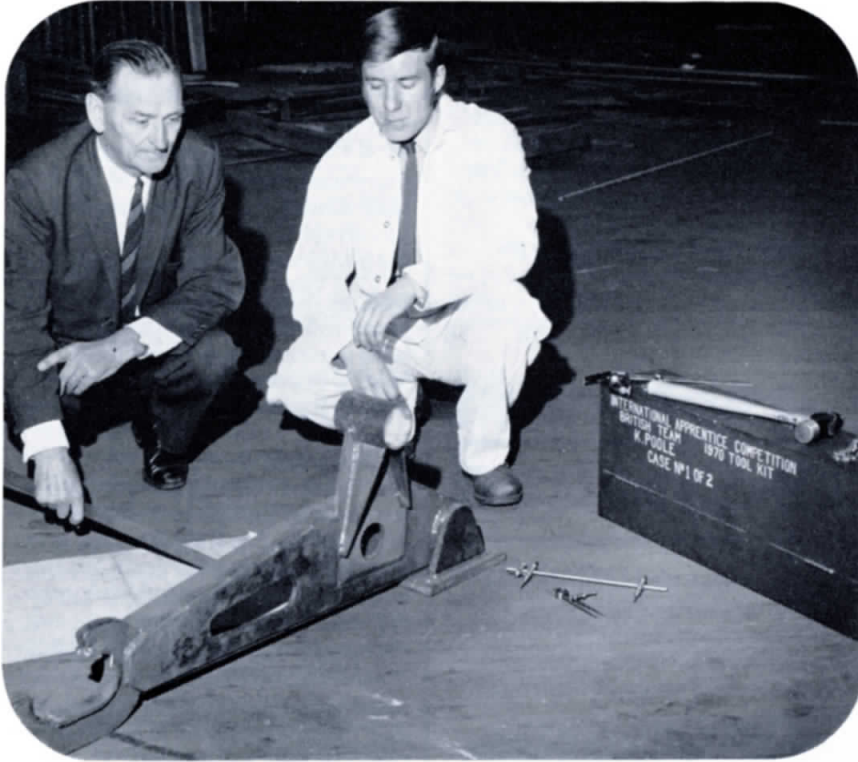
opposite page top

Kenneth Poole discusses one of the final testpieces of a recent competition with Mr G D Cain manager HWT bridge yard. Beside Kenneth is the special tool kit presented to him by the Engineering Industries Training Board and which he will use in the Tokyo competition. This is just one of the many gifts Ken has received from various sources

below

The HW Training Centre extend their good wishes 'en bloc' to Kenneth Poole prior to his departure for Japan





Boxing champ

One of the outside company trainees in the HW Training Centre, Michael Levett from British Electrical Repairs Limited, has been a well known schoolboy boxer. He is Teesside Schoolboy Boxing

Champion and runner up for the Yorkshire Schoolboys' Championship. He has won most of his fights by knockouts, the longest bout going to the second round. In the Yorkshire Final, which he lost, the referee stopped the fight in the third round because of a cut lip.



Miss Jean Hill *Group engineering department/Yarm* has received her London Chamber of Commerce Private Secretaries Certificate.

Works visit



The Brazilian flag flies over Teesdale offices in honour of our welcome visitors from Companhia Siderurgica Nacional (CSN) of Rio de Janeiro.

Photograph right shows Mr R Purnell *director HW Teesdale* and Mr T M Wilson *director HW Process Engineering*, leading our guests on a tour of Teesdale works.



Sport & social

Interdepartmental competition results

Bowls

The winner of the three rinks competition was HW Machine Co with HWT offices runners-up. However, in the single rink competition HWT offices bowled themselves into the winners place, the bridge yard team of HWT Stockton works taking second place.

Cricket

The semi-finalists of 1970 cricket competition were :
HWT maintenance v HWT-DO
HW Yarm v HWT-office
The final played between HWT-DO and Yarm was quite exciting despite the low scoring. The winners were HWT-DO with Yarm the runners up for the second time in succession.

Golf

The Bob Sturges Trophy played on Saturday 31 October at Dinsdale was won for HWT by the combined results of
M G Hipkins *director* net 68
G Outhwaite *machine shop* net 74
The best gross score was returned by R Snowdon HWIF with 77.
The Stableford Competition was won by D Good HWPEL with 33 points.
The HW Knockout Competition produced a grand final between C H Moore HWT and T Reynolds HWM when a win by Charlie Moore proved he is worthy of being 'General Factotum' of the HW golf section.

HWM five-a-side soccer team

In their first season as a five-a-side soccer team, HW Machine Co commercial staff were rewarded for some excellent displays by finishing runners-up in the 1970 Thornaby Pavilion Senior League after being beaten by only two points for the title.
After leading the league for more than half the season, a bad injury

to one of their players slightly upset the rhythm of the team. However, it was still neck and neck at the top of the league until one of their last matches when they played the top team (last season's champions). In this crucial match, HWM led 3-1 at half-time but finally went down 4-3.

The team's impressive record for their first season was :

P	W	D	L	F	A
15	12	1	2	56	18

HWT staff social committee

The committee embarked on their first venture for a children's outing to the seaside on Sunday 6 September when 30 children and 24 adults were taken by coach to Saltburn.

During the afternoon a treasure hunt, races and games were organised on the beach for both parents and children, and at 4.30 pm tea was provided at the Spa Pavilion.

Winners of events :

wheelbarrow race handicap
Gary and Jill Seaman

egg & spoon race 11-12 years
Pamela Johnston

egg & spoon race 7-10 years
Gillian Seaman

25 yards flat race 3-5 years
dead heat - Gavin Cooper,
Stuart McIntosh

25 yards flat race 6-9 years
Amanda Cooper

50 yards flat race 6-9 years
dead heat - Gordon McReddie,
Gary Seaman

50 yards flat race 10-12 years
Susan Wright

50 yards flat race (ladies)
Miss J Cocks

50 yards race handicap (men)
Mr D Wright

This first seaside trip proved to be very successful and children and parents enjoyed themselves thoroughly.

Darts and dominoes evening

On the 8 October, a darts and dominoes evening was organised by Ken Tytler and Fred Seaman when over fifty people took part in the event.

Prizes were presented by Mr E V Lockney to the following :

darts *winner*

Mr T Richardson *print room*

runner up

Mr B Pearson *heat exchanger DO*

dominoes *winner*

Mr R Childs *heat exchanger DO*

runner up

Mr E McIntosh *estimating dept*

Special prizes were also awarded to the following lady competitors who reached the quarter finals :
Miss D Forster, Mrs S Bridgewater, Miss S Barclay and Miss M Sawdon.

Fishing competition

The October fishing competition was held at Eryholme on Saturday 24 October. The field this year was only 50% of previous years but the event organised by Mr E McIntosh was thoroughly enjoyed by all, not least by the Stewards, Mr R Childs and Mr B Herrell.

Prizewinners were as follows :

first 6 lb 14 ozs

Mr K Watson *heat exchanger DO*

second 1 lb 8 ozs

Mr E McIntosh *estimating DO*

third 1 lb 6 ozs

Mr B Pearson *heat exchanger DO*

Arrangements for the Children's Christmas Party and the Annual Staff Dance are well advanced and should again provide highlights of the festive season.

The HW annual show

The Annual Garden Produce & Vegetable Show is probably the most homely event in the HW social calendar. Employees and their families take their home-grown flowers, fruit and vegetables to Teesdale Park for display in the various competitive classes. The exhibitors are your own workmates, they are not professional growers, their fruit, flowers and vegetables are like those in your back garden, but instead of idle boasts about their wonderful crop of sweet-peas, or their best year for roses that ever was, these competitors prove their words by entering into this friendly little show.

The event this year was held on Saturday 29 August when over 200 exhibits were on display. This was a big increase on the previous year, but with a little more support, this number could easily be

doubled. The show was again in the capable hands of John Suttill of HW Teesdale who has been organising the event for many years.

Prizewinners were : (*the number of 1st and 2nd prizes shown in brackets*) H Wain (10), F Mohammed (10), F G Alderson (9), W Mason (8), F Marshall (7), G Sprigg (4), S Nottingham (4), D Littlewood (3), A Littlewood (2), D Hall (2), B Sharp (2), A Fernie (1), J Greenhalgh (1).

Prizewinners in the Handicrafts & Children's Sections were : Miss L Nottingham, Mrs R Sprigg, Miss M Allan, Miss V Sprigg, Miss B Sprigg, Miss K Littlewood, S Mohammed & J Littlewood.

So next year when you see the announcement for the show, don't forget to look around your garden and choose some entries, there are fifty different classes, surely you won't miss 4 tomatoes or 3 sticks of rhubarb or perhaps an arrangement of flowers and foliage. All you have to do is to pop your exhibits into the Social Club on the way to your usual Saturday morning shopping expedition and don't be surprised if you win one of the fifty 1st and 2nd prizes.

Pantomime

The ABC Theatre Stockton is again being 'taken-over' by HW for the two matinee performances on Tuesday and Wednesday, 29 and 30 December.

This is the occasion of the annual children's treat organised by the Employees' Council. Some 3300 children plus a few adults will see the pantomime 'The Sleeping Beauty'.

Mick McCue emigrates



Mr R McCue, HWT foreman plater emigrated to Australia at the end of October when he and his wife Norah joined their two married daughters in Melbourne. A large crowd of well wishers celebrated Mick's departure at a farewell party on Friday 23 October. Earlier, on that day, Mr R Purnell, *HWT director*, presented Mick with gifts on behalf of his many friends and colleagues at HW.

Marriages- best wishes

The Friarage

Mr R I Buckley *computer dept* to Geraldine Sanderson
Mr D Ellis to Sheila Fickling *computer dept*.



Mr & Mrs Buckley

Mr & Mrs Ellis



HWPEL

Mr I Meadley *HWT* by to Jean Simm *typist*.
Mr R Moffoot *purchasing* to Mr M Nellist *DO* to Judith Mellen
Mr D Richardson to Patricia Bage *secretary*.



Mr & Mrs Meadley

Mr & Mrs Richardson



Retirements

We wish each of the following a long and happy retirement :

HW & Co Ltd

Mr & Mrs A Liddle *18 years service*

HW Iron Foundries

R W Fletcher *30 years service*

J W Moncur *37 years service*

HW Machine Co

Mrs J D Griffiths *10 years service*

HWPEL - London

A A Burrows *25 years service*

HW Steel Foundries

G Hine *20 years service*

HW Teesdale

T Thomas *22 years service*



Mr & Mrs A Liddle recently retired as steward and stewardess of the Director's Guest House where for 18 years they have looked after many hundreds of VIP guests of Head Wrightson.

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