THE
OCCASSIONAL
NEWSLETTER
OF THE OLD
LOCOMOTIVE

### ISSUE No. 17. SPRING 1989

### THE AGM WILL BE ON SATURDAY 27th. MAY.

SUPPER AFTERWARDS BY SPECIAL ARRANGEMENT

WITH THE CHATSWORTH HOUSE HOTEL

THE PROMENADE LLANDUDNO

## CHAIRMAN AND SECRETARY NO LONGER ELIGIBLE FOR RE-ELECTION

ANNUAL GENERAL MEETING.

Notice is hereby given that the fifth A.G.M. will be held on Saturday 27th. May 1989 in the Chatsworth House Hotel Llandudno at 4.15 p.m.

Members wishing to have any item included on the Agenda must inform he Secretary not later than Wednesday 10th. May.

The Executive Officers eligible to resubmit themselves for re-election have already agreed that their names may go forward.

They are:-

Mr. Charles Taylor Hon Treas.
Mr. Barry Smith Museum Rep.
Mr. Eddie Ball Sales Officer.

Mr. Alan McKirdy is also eligible for re-election and has agreed to stand for the office of Chairman.

Ms. Jan Ford has agreed to stand for the office of Hon. Secy.

andidates for these two offices must be specifically proposed, seconded and voted on at the AGM. (Rule 11).

Messrs. E.F.Clark, Charles Taylor-Nobbs and David Neish have been re-elected four times and under Rule 11 must retire.

It would be helpful if an active modeller would allow his/her name to go forward in order to continue the excellent contacts and liason duties undertaken over the last five years so ably by David.

It is anticipated that LIONSMEET will continue as an annual event and a person well aquainted with the various model engineering societies would be a great asset to the Executive.

After the formal business of the meeting it is hoped to have a short address from Ms. Loraine Knowles, the recently appointed Curator-Designate of Regional History at the Museum, to give us some insights of the future plans for Merseyside and the projected programme for LION in the forseeable future.

As soon as possible following the meeting, and certainly no later than 7.00 p.m. the annual dinner will take place in the Chatsworth House Hotel

## CURONATION

SOODY ENGINE BUILT AT THE LOCOMOTIVE WORKS CREWE JURE 1911

A four course meal will be served. The cost should be less than £10 per person.

The disadvantage is that the room is very strictly limited to 50 places and whereas OLCO is getting priority, members from other societies in Llanduno for the re-enactment on the following day are anxious to join us and will require at least half the available places.

IT IS IMPERATIVE THAT MEMBERS WISHING TO BOOK FOR THEMSELVES, FAMILY AND/OR FRIENDS DO SO BEFORE THE 6th. MAY.

Sunday 28th. May, which is about as close as we can get to the anniversary, Sunday 13th. June in 1937, when the original event took place, will be the re-enactment of the scene described in the last LIGNSHEART.

The object will be to re-enact the scene depicted in Ron Broyds painting, commissioned by David Neish, of the event filmed by the LMS in 1938 for their publicity film CORONATION SCOT and now available in a video from Woolworths. Title: GREAT BRITISH TRAINS.

Several M.E.Societies will be actively involved.

Four parallel portable tracks will be erected in the field which is adjacent to the original event. We have been promised the 5"G. streamlined CORONATION SCOT belonging to Mr. Alan Woods of the Harrow and Wembley M.E.S. Needless to say several versions of LION will be available.

We now have confirmation that at least two of the 5"G. 4-4-0 GEORGE V class models will be there to make the scene complete. One belongs to Ted Ball of Stoke-on-Trent (no relation as far as we know to our own respected Sales Officer) and the other to Nigel Thompson of Long Eaton.

At the moment both engines are No.1681 PTARMIGAN which, as most readers will know, was one of the last of the Georges to survive.

Bob Stark, the Secy. of the N.Wales M.E.S. must be one of those people who do not actually need any sleep. In addition to masterminding this weekend for us, he intends to photoetch some special CORONATION nameplates, complete with crown, for the occasion in order to have both these engines looking right for the cameras.

Interest is extremely high and the model engineeering exhibition also organised by the North Wales M.E.S, in addition to the already prodigious organisation of the steam events, will add to the excitement of the day as will the presence of Ron Broyd, the artiwho painted the picture, with a small exhibition of his paintings.

#### BOILER CERTIFS.

There will be facilities for the provision of Boiler Certificates on the day but please bring your own if you can. Basil Jones, who incidentally runs the hotel we are using, will be keeping his model shop open all day especially for those in the event. Replacement of failed parts should be no problem.

### CREWE HERITAGE

Following a further expression of sincere concern for the health (Crewe Heritage Centre, one of our favourite venues, in the last LIONSHEART we have heard that the Trust is now up and running and it is a pleasure to include a copy of their first news-sheet with this edition of LIONSHEART.

Steam hauled North west coast express trains will leave Crewe for Holyhead every Sunday at 09.30 arr. 14.49. Dep. Holyhead 16.30 arr. back at 20.56. On Tuesdays and Wednesdays dep. 10.13 arr. 14.00. Dep. Holyhead 15.05 arr. back at 19.51.

Intermediate stops are 41 mins. to Chester (61 mins. Sundays). 80 mins. to Rhyl (110 mins. Sundays 123 mins. Llandudno (153 mins. Sundays waits for 1 hour). Fareware approx. f1 dearer than the normal return fare.

Well done Crewe Heritage Centre.

## Crewe Heritage Centre Newsletter

lumber 1 - March 1989

## Heritage Centre Trust is formed

Council approves far-sighted plan of action

THE Borough of Crewe and Nantwich has given Crewe Heritage Centre a major boost by approving its farsighted plan of development.

Designs for major new attractions on the site are being worked out now and decisions on these will be made in mid-May on completion of a thoroughly researched business plan.

Supporters of the Heritage Centre will be pleased to learn that the Crewe Heritage Centre Trust was formed on ursday 23rd February authough confirmation of its charitable status is awaited from the Charity Commission.

At its meeting on March 1st the Borough Council authorised the appointment of consultants specialising in tourism, who will carry out market research and prepare a marketing plan for the Centre. This information will assist the team, who are designing the additions and alterations to the Main Exhibition Hall and the subsequent preparation of a business plan.

Design work is also proceeding on the proposed running shed and on a footbridge over the Crewe to Chester railway line to enable pedestrians to gain yick and easy access to the lation and the proposed Heritage Centre car park, with its exits to Mill Street and Lockett Street.

#### Exciting

There are many exciting features being designed, which will attract tourists and thus allow the Centre to become viable. The Council had previously decided to support the Trust financially for a period of five years on a reducing basis. It is therefore essential to plan the site and the necessary Capital Investment on the understanding that the Centre will become self-supporting within this period. Fixed revenue overheads during the year ending March 31st

990 are being underpinned / a grant of £80,000 from the Borough Council.

It is currently planned to open all the new facilities in July 1990. There will be

plenty of work going on up until that time and it is therefore planned to charge the public a nominal £1 fee to enter the Centre as 'a site under development' commencing on March 28th when the first Steam Special will leave Crewe station to inaugurate the regular 'Cheshire Cheese' run to Chester, Shrewsbury and Crewe. Subsequent opening days will coincide with steaming days and may be extended according to demand

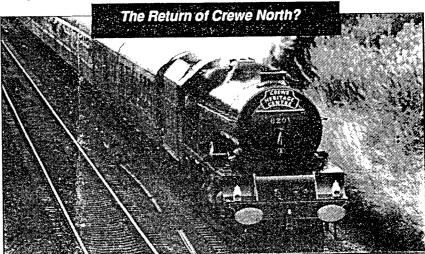
Major alterations and additions are currrently being made to displays within the North Junction Signal Box and these will be open to visitors when completed.

## Best wishes for the future

CREWE Heritage Centre was born out of a desire to celebrate the 150th anniversary of the opening of the Grand Junction Railway and thus the Town of

Major additions have taken place to the Centre since it was opened by Her Majesty the Queen and His Royal Highness the Duke of Edinburgh in July 1987, and the proposals currently being designed will result in the Centre becoming a major tourist attraction. Crewe and Nantwich Borough Council members are to be congratulated on their foresight and I have much pleasure in sending the new management my best wishes for the future.

The Worshipful the Mayor of the Borough of Crewe and Nantwich, Councillor Mrs A M Roberts MBE



 Our photograph by Tom Knight shows Princess Elizabeth thundering past the Rolls-Royce Motor Cars factory, in Crewe, during 1988 TRAINS steaming out of Crewe Station packed with holidaymakers heading for the North Wales coast.

## Support Crewe's tremendous heritage

SINCE the Steering Committee was formed in October 1987, there have been many meetings where all concerned have worked towards forming the Trust and organising and running the Heritage Centre

The stage is now

set for Crewe and Nantwich Borough Council to entrust the Heritage Centre to a new organisation and I invite all interested in Crewe's tremendous heritage to participate in its further development.

David Lindsay

A dream? 6201 'Princess Elizabeth', who began the pipedream in 1988 running on the Crewe-Chester-Shrewsbury triangle will continue to make it a reality in 1989, along with several other main line steam locos which will use the Heritage Centre as their 'shed'

What a bonus for the people of Crewe who remember the early 50's when steam was in abundance. This will surely be the beginning of a new era in Crewe and the rebirth of the 'North Shed'.

The inaugral run is planned for March 28th with many other scheduled throughout the summer (booking commences 3rd March at the BR Travel Centre, Crewe).

## Cash injection from County Council's Museum Services Unit for signal box

CHESHIRE County Council recognises the important contribution that Crewe makes to the County as a whole, and is therefore keen to help increase its potential in the tourism and heritage market.

As a result, £30,000 has been earmarked towards the first venture of this nature in the area, namely the Crewe Heritage Centre. It was agreed the money should go on refur-

bishing the signal box, as this was both the major historical building on the site, and a direct link to the area's railway heritage.

Work on the project is being carried out by Cheshire Museums Services Unit, and involves interpreting various aspects of technical rall operation, principally signalling, to the general visitor.

To do this will involve the use of a model railway

demonstration, and video techniques as well as graphic display panels. Social history will also be featured by using oral history material to look at the work of a Crewe signalman in the 1940's. The signalling room will remain an important demonstration area with video interpretation added.

The signal box will be officially opened to the public on Sunday 28th May, and will be available throughout 1989 on steam days.

# Heritage Centre UPDATE

THROUGHOUT 1989, there will be plenty of activity on the Crewe Heritage Centre site involving many different projects.

Here we publish two reports giving the latest news on two special projects-the APT and locomotive 47192...

#### The APT in 1989...

INTRODUCED in 1979, the APT, as it is normally referred to, was an InterCity Development train, uniquely designed to provide faster journey times on the West Coast Main Line, culminating in a passenger relief service between London and Glasgow three days a week between 1983-1985. Then from 1985-1987 it was used solely for development purposes of future electric locomotives.

Built by BREL at Derby, the allocation, which was divided between Glasgow Shields ETD and Crewe ETD, consisted of six rakes and a spare driving vehicle, numbered 370001-370007. Each rake would contain up to six articulated trailer vehicles and one non-driving motor vehicle, so that each train set would comprise of two such rakes with the non-driving motor vehicle being situated in the centre of the formation.

To meet the criteria for faster journey times, the decision between straightening the track and tilting the train over the existing track had to be made. The decision went in favour of the tilting train, hence the special features of the APT were developed.

- 1) Hydraulically-operated tilt system, controlled by sensors on the bogie frames.
- 2) Hydro-kinetic braking system, providing efficient high speed braking to stop the train within existing signalling distances.
- 3) Lightweight steel bogies, incorporating specially designed axles for use on the hydro-kinetic braking system, air bag secondary suspension of the vehicles and swinging bolster, jacks and control equipment for the tilt system.
- 4) CAPT (Driver's Aid Control 'Control APT'), electronically controlling the indication of enhanced line speed and restrictions to driver, and acting on his response to these signals.
- 5) Four, vehicle-mounted 1000 hp, ASEA LJMA 410F separately excited traction motors, being controlled by power thyristors for variable excitation.

The above items were developed to give a maximum line speed of 155 mph and with tilt the APT could consequently negotiate curves 20%-40% faster than conventional trains.

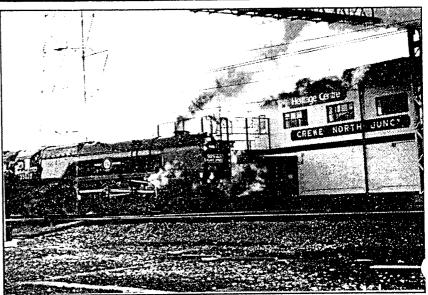
The APT was hauled onto the Heritage Centre site in June 1988 and comprises:-

Vehicles	W≥ight (tonnes)	Length (m)	Seating Capacity 1st/2nd	No.of exles
Non-driving motor	67.5	20.4		4
Trailer Brake First	31.9	21.0	25 + 1/0	3
Driving Trailer Second 33,7		21.4	0/52	3
Trailer First	24.3	21.0	47/0	2
Trailer Second	24.0	21.0	072	2,
Trailer unclassified	24.15	21.0	43	2
Trailer Restaurant				
Buffet Second	26.75	21.0	0/28	2

Using the on-board generators to provide electricity, part use was made of the APTs kitchen facilities to provide hot drinks and snacks for visitors during the Summer of 1988.

Works programmed for 1989/90 include external painting, interior modifications to one coach for use as an educational facility, protection to interior of cabs to facilitate public access, modifications to some toilets and a full interpretation of the entire train to explain its significance in the history of locomotive development.

The APT is now part of the National Railway Collection and has been loaned to Heritage Centre by Kind Permission of the National Railway Museum, York.



Clan Line steams past the Heritage Centre at the start of a test run from Crewe to Holyhead on St Valentine's Day 1989

### Progress report on 47192

SINCE 47192's arrival on site, much activity has been taking place on returning her to running order and original guise of D1842 in two-tone green livery.

Withdrawn from Capital stock in May 1988 after a D examination, 47192 lay on the Crewe D.D as a source of spares. It was eventually moved to the Heritage Centre late in 1988 and 47001 was handed back to British Rail in return.

Heritage Centre staff, volunteers from Crewe and members of the 8E Association began the task of rebuilding 47192. Progress to date has been good. Mechanically, the loco is almost complete - various components have either been repaired or replaced. Electrically, progress has also been good on eliminating earth faults and a good deal of new cabling installed.

One of the biggest problems encountered was trying to establish the correct shade of the lighter band of green on the locomotive. Derby Technical Centre provided us with the original paint specifications, however this did not match up with paint found underneath nor a great deal of personal opinions! It would appear that the final colour of the paint depends to a large extent on the person mixing it and how they mix it. What is certain is that a good deal of publicity should arise when the locomotive is finished.

It was intended to have the locomotive ready by the end of January, but due to other commitments on the site, we are now aiming for Easter 1989.

I have already been approached about the possibility of D1842 visiting two preserved railway lines this year, but no firm commitment will be given until the locomotive is up and running.

If anyone is interested in helping to complete this preservation task or the next projects, then please contact me or any of the staff for further details.

Tony Mosley, Heritage Centre Manager

### Appeal for items

TO complete the current project being carried out by Cheshire County Council Museums Unit, a search is being made for the following items:-

1. One semaphore signal for siting near Signal Box A; 2. Enamel Booking Office/Waiting Room signs circa 1930 LMS colours; 3. Enamel Fire Exit signs (were there such things?); 4. Green LMS lampshades, similar to those already in the viewing window room, 4 off; 5. Four signal lamps for display lighting in main exhibition room; 6. Signalman's uniform circa 1940; 7. Associated material flags, detonator, brew can/mug; 8. One semaphore signal arm for display purposes; 9. Waiting Room seating circa 1930; 10. Booking Office window; 11. Waiting Room clock. 12.Any railway memorabilia, particularly 1930's era.

Anyone who is able to help, please contact either Coral Nazeri or Tim Heathcote on (0606) 41331.

### Looking forward to another successful year

ON behalf of the Princess Elizabeth Locomotive Society we all look forward to another successful season at the Crewe Heritage Centre. This will be our third year at Crewe, and our efforts along with your own, will I am sure, maintain a happy working relationship We are sure that this happy relationship will continue under the new Trust Management.

Clive Mojonnier Secretary 6201

12. Annual General Meetings of OLCO shall be held once in each calendar year at a time and place to be advised to the entire membership not loss than 14 days in advance. At this meeting the Executive Officers shall present a report and audited accounts as per Rule 10 for adoption by the membership. Elections shall be held for Executive Officers as per Rule 11.

Extraordinary General Meetings of OLCO shall be held at the discretion of the Executive Officers or at the written request of not less than 20% of those members who are entitled to vote at an Annual General Meeting. The time, place and proposed business of such meeting shall be advised to the entire membership not less than 14 days in advance.

Decisions and elections at Annual General Meetings and Extraordinary General Meetings shall be by a simple najority vote of those members present and entitled to vote. No proxy voting shall be allowed. In the event of a tied vote, the Chairman of the Meeting shall have an extra Casting Vote.

Except as provided in Rule 13, a quorum for an Annual General Meeting or Extraordinary General Meeting shall be one quarter of all the members entitled to vote at an Annual General Meeting.

The Chairman of OLCO for the time being as elected by the members shall normally preside over Annual General and Extraordinary General Meetings. If a new Chairman is elected during the course of the meeting he shall take the chair immediately after his election. If the elected Chairman of OLCO cannot be present to take the chair an Annual General or Extraordinary General Meeting after it has convened with due notice having ben given, the members present shall elect a Chairman (for that meeting only) from amongst the Executive Officers present. If no Executive Officer is present, they shall elect one of their number.

13. Any Amendments to this Constitution shall only be made by an Annual General Meeting or Extraordinary General Meeting at which not less than one half of the members entitled to vote at an Annual General Meeting, are present.

Any such proposed amendment shall be submitted in writing by its proposer and seconder to the Secretary not less than 21 days before the date of the proposed meeting. The Secretary shall circulate the text of the proposed amendment along with the notice convening the meeting to all members as per

- 14. Any proposal to wind up OLCO shall be subject to the same arrangements as set out in Rule 13 for amendments to this constitution. In the event that OLCO is wound up the Executive Officers shall after discharging all dobts and liabilities dispose of any remaining funds, assets or other items in any way they think best, but always bearing in mind the purposes for which OLCO was re-founded in 1984.
- 15. All matters not covered by these Rules as now set out or as amended hereafter shall be determined as necessary by the Executive Officers.

Constitution - adopted 15 June 1985.

- 1. The OLD LOCOMOTIVE COMMITTEE (OLCO) is so named to establish its continuity with a group of members of the former Liverpool Engineering Society who adopted the same title circa 1928 when they arranged the rescue and restoration of the locomotive built in 1838 by Messrs. Todd Kitson & Laird of Leeds and identified as LION.
- 2. The objects for which OLCO was re-founded in 1984 are:-
- A To support and promote activities associated with the locomotive LICN by the following means:
- To organize supporting activities for the locomotive when it is away from its usual place of preservation.
- (11) To organize supporting activities for the locomotive at its usual place of preservation.
- 3 To promote knowledge of the locomotive LICM by the following means:
- (1) To foster and promote appropriate study and research directly.
- (11) To act as a channel of communication between those engaged in such study or research and also those engaged in building models of the locomotive LICN.
- (111) To collect and preserve or cause to be collected and preserved, documents and other historical matter relating to the locomotive LION, or references to such items.
- (1v) To publish or cause to be published whatever material (including a newsletter for members) appears to the members of OLCO and its Executive Officers to relate to LICM, the activities of OLCO and associated matters.
- G To promote or carry out whatever other activities studies or the like or to purchase or acquire whatever items as shall seem appropriate from time to time to the members of OLGO and its Executive Officers in furtherance of these Objects.

The Executive Officers shall define from time to time as required what matters and activities are deemed to be associated with the locomotive LION and what falls outside the remit of OLCO.

- 3. The expenses of OLCO shall be met from subscriptions and such other funds as OLCO shall by donation or otherwise acquire. Such funds shall be applied solely towards the objects of OLCO as defined in Rule 2.
- 4. All paid-up members of OLCO at the time this constitution is adopted shall be confirmed as members but thereafter all admissions to membership shall be made by a properly constituted meeting of the Executive Officers who may in their absolute discretion refuse to accept or renew any application.

Individual Executive Officers shall have the power to suspend temporarily the membership of any member, provided such notice is clearly given in the presence of at least two witnesses who shall be paid-up members of OLCO. Such suspension shall have immediate effect and shall continue for 14 days. Unless a properly constituted meeting of Executive Officers is held within 14 days and confirms the continued suspension of the member concerned, the temporary suspension shall lapse and the member concerned shall resume the full privileges and duties of membership. While suspended the member may not participate in any OLCO activities under Rule 2A.

5. All paid-up members at the time this constitution is adopted by their act of adopting this constitution, and all members hereafter to be elected by accepting membership of OLCO, explicitly undertake that when participating in any of the activities described in Rule 2A above they will conscientiously obey the instructions of the Executive Officers or persons specifically delegated by them as regards all matters concerned with or arising out of such activities.

These undertakings shall also be deemed to have been accepted individually by all members of any society, association or other body which accepts corporate membership of OLCO.

6. There shall be the following categories of membership of OLCO

Individual Members Family Membership Affillated Institutions Honorary Members.

All membership is subject to Rule 4. The qualification for the above categories are as follows:

Individual Members shall be over the age of 18 years and each individual member shall pay a full subscription as per Rule 8.

Family Membership shall be available to not more than 6
persons at the same postal address. Individually such members
over the age of 18 years shall have all the privileges of and
shall make the undertakings (as per Rule 5) of individual
membership. Family members under the age of 18 may participate
in OLCO activities as per Rule 2A only to the specific extent
and under such conditions as laid down in each case by the
Executive Officers.

Affiliated Institutions may become members on the condition that individual members of such bodies must be aged 18 or over to be permitted to participate in activities as per Rule 2A and if participating in such activities must abide by Rule 5. There shall be no such restrictions on participation in OLCO activities other than under Rule 2A.

Honorary Members may be elected by the Executive Officers in their absolute discretion on such terms as they shall decide in each case.

Apart from participation in the activities of UECO, members for to duration of their membership shall be entitled to the following.

Individual Members shall receive one copy of all the regular publications of OLCO and shall be entitled to attend and vote at all General Meetings.

Family Membership shall receive one copy of all the regular publications of OLCO but only one person from each such membership shall be entitled to attend and vote at all General Meetings. His or her name shall be notified in writing to the Secretary of OLCO prior to any General Meeting.

ach Affiliated Institution shall receive two copies of all the regular publications of OLCO and may appoint one delegate to attend and vote at all General Meetings. The name of the delegate shall be notified in writing to the Secretary of OLCO prior to any General Meeting.

Honorary Members - see Rule 6.

- 8. The subscription rate for the forthcoming year shall be determined by the Members at the Annual General Meeting on the recommendation of the Executive Officers.
- 8. Moneys and all other property acquired for the purposes of OLCO shall be vested in the Executive Officers as Trustees for the members.
- 10. The accounts of OLCO shall be prepared on an annual basis and shall be presented for approval to the Annual General Meeting. They shall be subject to audit, the auditor having been approved by the members.
- 11. The Executive Officers of OLGO shall manage its affairs. There shall be not less than 4 and not more than 8 Executive Officers who shall be elected at the Annual General Meeting for the period until the next AGM but shall be eligible for re-election up to 4 times, after which they shall not be eligible for election for 1 year. Only members entitled to a vote at a General Meeting shall be eligible to serve as Executive Officers.

Nominations for election as Executive Officers may be self-nominations but all nominations must be seconded at the Annual General Meeting by a fully paid-up member entitled to vote at the meeting, prior to the election. Such nominations may be made at any time prior to the election.

The Executive Officers may co-opt any paid-up member who would be entitled to a vote at a General Meeting as an Executive Officer to fill a casual vacancy, but such co-opted Officers shall serve in this capacity only until the next Annual General Meeting when they shall be eligible for re-election in the usual way. Such a co-opted Officer may only serve as an ordinarily elected Officer for 4 years before ceasing to be eligible for re-election.

At a meeting of Executive Officers, three shall be a quorum and in the event of a tied vote, the Chairman shall have an extra casting vote. No proxy or postal voting shall be permitted.

When the members elect the Executive Officers at the Annual General Meeting, two of these Officers shall be elected specifically as Chairman and Secretary. Apart from the Officers elected to these two posts by the members, the Executive Officers shall have power to appoint any of their number to other specific posts; to create sub-committees; to appoint individual members for specific tasks; and to conduct their affairs and meetings other than as set out in this Rule, in any way as appears to them will best serve the interests of OLCO.

#### ELEPORE MINEET TOTAL ROOMHOUR Judie Care MAR REFERENCE 88 OTERNS FRAIL PRODUS Sound From S SHOPEONS **Hotels and Guest Houses** THINKOMS Side Out Establishments offering Dinner, Bed & Breakfast at £16.00 and under (per person, per day) FROM - TO ADDRESS 9.00-9.50 St. David's St. Helier 79216 60 F11 32 Clifton Road 8.50 9.50-11.50 10.00-13.00 10.00-11.00 62 78379 10 Clifton Road 51 55 6 5 5 75551 F5 Promenade 51 Church Walks 22 56 74107 G12 St. Katherine's 8 76803 46 H12 RL 9.50 10.50-14.00 Seaclyffe Church Walks 31 77785 Deganwy Avenue Senarth 2 6 5 RL 40 75313 F5 Sherwood Promenade 9.50-10.50 20 64 Church Walks 77116 On application Stella Stoneleigh 75056 56 E11 10 St. David's Road 10 11 00-13.00 27 26 77962 RL Promenade 8.50-10.00 Stratford 76882 77727 61 Sunnycroft Tan-y-Marian Trevlyn Trinity Lodge 4 Claremont Road 2 9.50-11.00 D14 RI West Shore 25 Trinity Avenue 9.00-10.00 RL 75860 56 E10 7 9.00-9.50 E10 78922 20 11 Trinity Avenue 30 Vaughan St. 10.00-12.00 RL 26 76628 51 E9 Vaughan 6 13.50 F8 G12 77047 FL Promenade 23 Church Walks 8.50-9.00 Ventnor 56 76493 10.50-11.50 Vine House 7 RI. 76823 G12 45 10 56 Church Walks 6 Deganwy Avenue 9.00-10.00 Warwick 4 78016 56 F11 Wedgwood 3 10.50 59 52 G11 RL 8 Arvon Avenue 37 Abbey Road 10.00-12.50 Westbourne 2 13 77996 F13 Westdale 16 10.25-13.25 65 46 G10 RI St. George's Place 4 Maelgwyn Road White Heather 8.00-10.00 E12 RL 54 56 76888 8 50-9 50 Willowsmere 62 61 E9 H12 75486 6 Vaughan Street 5 Church Walks 9.00-11.50 9.00-9.90 Windermere 76144 Winston Woodlands 40 RL 78773 D10 47/49 Trinity Avenue 10.00-11.00 RL 29 G12 77349 7.00-8.00 8.50-9.50 10.00-12.50 11 Abbey Road Wyngarth 2 5 2 4 1 2 6 4 2 7 3 6 1 1 1 1 1 1 1 2 3 7 1 2 3 7 1 17 Sti Mary s Road Tabon Hill she say a 6 Abbèl Road say 19 Sti David's Road 44 Chürch: Walks say 6 Sti Eseiriols Road Promenade sti say 4 Caronen Sylva Road 15 Charlton Streat 75782375776E10 23 76278 4 53 3 H123 78215 4 613 6124 77979 2 53 7 E11 1 Bro Dawal Bryn Arthu Bryn Rosa 16 2 8.50-9.00 9.25-9.75 Carborra Cormon Common Control 77979 533 E11 11 76704 533 633 8 78550 7593 611 8 77643 757 7675 6 77643 757 7675 6 76361 748 765 781 78255 748 763 781 76763 754 761 781 國77979 21 | 5 | 14 | 3 | 1 | 6 | 1 | 22 | 5 | 36 | 5 | 20 | 5 7.50-8.00 8.50 5 9.50-12.00 10.50-12.50 14 Carmen, Sylva Hoad 15 Charlton Street, \$25,17 17 Claremont; Road 17 Str Seiriols Road 18 Str Seiriols Road 18 Arvon Avenue \$25,17 17 Mostyn Avenue 17/39 Lloyd Street North Promenade 12 Decanyy Avenue 9,00-12,00 8.50-9.50 77849 [ 61] 77224 [ 54] 77318 [ 48] 9.50 9.00 77849 61 E11 G12 RL F5 F4 G12 8.50-11.00 9.25-10.95 75090 48 78366 8 00 10.50-11.50 75928 36 G11 F11 2 10.50-11.50 8.50-9.50 3 76379 RL 12 Deganwy Avenue 24 Church Walks 77492 75105 RL 37 G12 8.00-8.50 Denton House 1 2 10.50-14.00 77742 75688 RL 26 Derby Delphin 8 6 8.50-9.50 Deganwy Avenue 9 Chapel Street 1 Caroline Road 7.50-8.00 7 i zs i 77708 24 Fernbank 7 50-8 00 13322335 Fron Deg 7 11.50-12.00 RL Deganwy Avenue 76095 49 Granby House 20 20 78113 7 50-8 50 23 Clifton Road 12 St. David's Roa Green Downs 8.50-9.00 RL .12 St. David's Road 22 Church Walks 76518 E11 Hatfield 79249 1 8 00-9.50 Hayley House Hazelbank 1 8.00-9.00 60 14 24 Clifton Road 78815 F11 2 76580 D6 RL 8.50 Hillmorton 15 Clarence Road 8.50-9.00 9 St. David's Place 16 Charlton Street 18 78521 49 E11 Hollybank 8.00-10.00 7934 RŁ Karden House 2 10 12.50-14.50 24 58 25 Deganwy Avenue 32 St Mary's Road 75108 F11 Kestrel 7 50-8.00 75685 E11 11 Leodis 15.00-17.50 8.00-10.00 Marine Drive, Gt. Orme 10 Church Walks Lighthouse 76819 61 4 77684 H12 RL 40 Lindens Llys Madoc 8.50-10.50 8.50-9.00 14 Charlton St. 7 Oxford Road 77430 62 F9 RL 76096 F9 RL 20 3 Lyntara Lynton Mayfair Marine Cottage 20 9.00-14.00 13 80 Church Walks 11 Deganwy Avenue H11 75057 RL. 6 11.00-12.00 77352 60 F11 3 3 8.50-10.00 7.25-8.25 5 116 Penrhyn Beach East 9 Clarence Road 45903 2 15 16 2 3 4 77513 58 F6 RI Mariners Lee 10.00-11.00 8.00-9.00 E11 RL 54 75406 Mayville 4 St. David's Road 10 6 21-23 Carmen Sylva Road 77740 50 F5 RL 28 Minion 77061 55 G11 36 3 11.00 9.00-10.00 RL Montclare 4 North Parade 62 55 55 50 21 Trinity Avenue 7410<mark>3</mark> 75152 E10 Moorlands 9.00-9.50 7.50-8.50 Deganwy Avenue 23 Chapel Street Morlea 75585 75915 18 Mountain View 3 8.50-10.00 12.50-14.50 3 8 3 8 3 7 Nant-y-Glyn 59 Church Walks Central Promenade 77701 60 F9 RL 36 Northqate 60 G11 48 2 2 10.00-13.00 77369 12 South Parade Nuneham House 9.00-11.00 8.00-8.50 21 St. David's Road 5 Vaughan Street 79208 55 F11 Rt 16 Oakwood 1 70840 3 Orme View Pier Gardens 9.50-12.00 North Parade 77114 56 62 H11 36 78174 8.00 6 Ty Gwyn Road Plas Ucha 9.50-12.00 20 3 62 50 RL 3 Charlion Street 77827 F9 Regina 30 32 75530 6 4 10.50 Rhosyn 21/22 Chapel Street 9.00-10.00 10 Deganwy Avenue 76481 55 F11 RL Rochdale 76626 58 25 20 3 9.50 Rocksley Promenade 8.50-10.50 RI St. Seiriols Road 77677 59 F11 Rosaire Ğ11 28 2 5 9.50-10.50 76491 10 Arvon Avenue 19 Deganwy Avenue 24 Caroline Road Aintree 75457 61 22 20 3 9.00-10.00 78229 Alvastrada E10 6 7.75-9.00 Anglesey House Arvon House 7592**5** 7812**1** 21 Church Walks G12 G12 19 9.50-10.00 23 RL. 10.00-11.50 Arvon Avenue 61 26 6 Rosebery Avenue 30 Abbey Road 77610 75901 Ashbourne 53 10 9.00-9.50 Bamford 61 F12 7.50 9.50-11.50 10.00-13.50 North Parade Central Promenade 77356 76388 45 47 **Bay Court** H11 RL 35 4 Belvedere F8 45 RL Berkeley Bodlondeb Castle 14 North Parade 77719 77187 G11 G12 38 77 13.00 Church Walks 20 6 12 39 St. Mary's Road 5 St. David's Road E10 E11 Bodnant 76936 13 3 8.00-10.00 Braema 76257 18 53 On application 10.00-11.50 10.00-11.00 53 53 47 3 Brannock 36 St. David's Road 77483 16 1 St. David's Place Central Promenade 20 79 76416 15 15 Brigstock Brig-y-Don 77319 F9 RI. 8 12.00-13.50 9.00-12.00 Broadway Mostyn Broadway 76398 RI 65

