



British Rail

Eastern



BARROW HILL OPEN DAY

SUNDAY, 3rd OCTOBER, 1982

10.00 hrs. — 18.00 hrs.

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Proceeds to be donated to : St. Christopher's Orphanage  
Railway Convalescent Homes  
Local Charities  
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Admission Programme - 50p

LUCKY PROGRAMME NUMBER

3386

A welcome is extended to all visitors by Mr. A. Pattinson, Area Manager, and an opportunity offered to see round the Barrow Hill Diesel Depot.

ATTRACTIONS

HIGH SPEED TRAIN

One of the new High Speed Trains operating between London and Edinburgh and capable of speeds up to 125 m.p.h. Commencing Monday 4th. October these trains will be operating between Sheffield and London calling at Chesterfield.

TRAIN RIDES

- (a) On a narrow gauge miniature steam train (loaned and operated by Mr. G. Bird, B.R.York).
- (b) In a coach hauled by a 204 H.P. Diesel.

T.O.P.S. (TOTAL OPERATIONS PROCESSING SYSTEM)

A real-time logic computer system which accepts information, processes it and provides new information in milliseconds. Contains records of all freight rolling stock and locomotives and maintains up-dated records of all movements.

RAILWAY PRESERVATION SOCIETIES

LIGHT REFRESHMENTS

CLASS 56 LOCOMOTIVE

3,250 H.P. Locomotive designed by Brush with English Electric 16 cylinder engine. Max. speed 80 m.p.h. Weight 128 tons. Freight locomotive mainly used for hauling coal from Collieries to Power Stations in Merry-go-Round trains.

CLASS 47 LOCOMOTIVE

2,750 H.P. Locomotive built by Brush Electrical Engineering Co., with Sulzer 12 cylinder engine. Max Speed 95 m.p.h. Weight 114 tons.

CLASS 37 LOCOMOTIVE

1,750 H.P. Locomotive built by English Electric Co., with 12 cylinder engine. Max Speed 90 m.p.h. Weight 108 tons.

CLASS 31 LOCOMOTIVE

1,470 H.P. Locomotive built by Brush with English Electric 12 cylinder engine. Max. Speed 90 m.p.h. Weight 107 tons.

CLASS 20 LOCOMOTIVE

1,000 H.P. Locomotive built by English Electric Co. with 8 cylinder engine. Max Speed 75m.p.h. Weight 72 tons.

CLASS 08 SHUNTING LOCOMOTIVE

Built by British Rail with English Electric Diesel Engine.

CLASS 03 SHUNTING LOCOMOTIVE

Built by British Rail with Gardner 8 cylinder engine and self-changing gearbox. Very few of this type of Locomotive are in use on B.R. now. Possibly the last opportunity to see this type at Barrow Hill as they have now been withdrawn from local service.

TYPE 13 LOCOMOTIVE

Basically 2 Class 08 Locomotives, these Engines were specially built for use in Tinsley Marshalling Yard shunting heavy trains off the Reception Lines.

Admission Price - 50p

AUTOMATIC WARNING SYSTEM

A device used on main lines for warning Drivers on passing a signal at Caution. An automatic brake application is made and a horn sounds in the Locomotive Cab; Static Display showing indications received in the Locomotive.

RESEARCH DEPARTMENT

Photographic and model display of research projects taking place at Derby and elsewhere.

FREIGHT VEHICLES

Display of modern Freight Vehicles including Tank Wagon owned by Shell (UK) and used for staff training.

IRELAND COLLIERY BRASS BAND

A relatively newly-formed Brass Band of talented youngsters who will provide entertainment during the day.

ARMY DISPLAY

Displays by the Derbyshire Army Cadet Force.

ACKNOWLEDGEMENTS

Appreciation is expressed for the assistance given by the following:

- SHELL (UK) LIMITED
- PROCOR U.K. LIMITED
- CHESTERFIELD BOROUGH COUNCIL

Donations so far to Charities from our Open Days

Total = £14,916

LUCKY PROGRAMME NUMBER - Prize £10.00

Number to be announced at approx. 1600 hrs.