

THE PORT OF MANCHESTER

GENERAL DESCRIPTION

THE MANCHESTER SHIP CANAL is 35½ miles in length, and has been excavated throughout to a depth of 26 feet, which depth is maintained by dredging. The bottom width at the full depth is 120 feet, with the following exceptions:—

- At the curve at the Weaver Outfall, the width at the full depth is 180 feet; at the bend at Runcorn, approaching the Runcorn Railway Bridge, it is 180 feet.
- For a part of the length between Latchford Locks and Partington Coal Basin (about one mile in all), the bottom width is at present only 80 to 90 feet, and large vessels are not allowed to pass each other on that portion of the Canal.
- From Barton Aqueduct to the Manchester Docks the width is 170 feet.

The tidal portion from Eastham to Latchford Locks (21 miles) is maintained at a minimum level of 14 feet 2 inches above Old Dock Sill (or 9 feet 6 inches above Ordnance Datum, *Le.,* mean sea level).

The principal Docks are at Manchester, and are equipped with Transit Sheds of new design, Steam, Hydraulic, and Electric Cranes, and other appliances for giving quick despatch. There is also a Grain Elevator of the capacity of 40,000 tons.

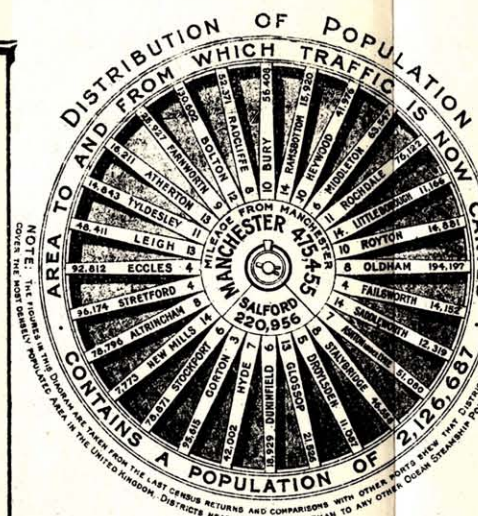
The Canal Company's Railways convey Traffic between the various loading and discharging berths at the Docks and along the Canal, and are connected with all the Railway systems of the Country.

The Canal and Docks are in direct communication with the whole of the inland navigations of the Country.

The Canal Company receive, warehouse, and distribute all descriptions of traffic, and quote through rates.

The Canal Company have for Sale, or Lease, Plots of Land between Eastham and Manchester, eminently suitable for the erection of works of all kinds, with frontage to the Ship Canal and connection with the principal railways.

Schedules of Charges and further information may be obtained at the Dock Office, Manchester.
1902
ERNEST LATIMER, General Superintendent.



CANAL COMMUNICATIONS



PLAN OF IRLAM LOCKS
NOTE.—Latchford, Barton, and Made Wharf Locks are of the same dimensions as those at Irlam.
Latchford Locks, 3 sluices, each 20 ft. Irlam Locks, 3 sluices, each 30 ft. Barton and Made Wharf, 4 sluices, each 30 ft.

PLAN OF BARTON SWING BRIDGE AND AQUEDUCT
Aqueduct 235 ft. x 55 ft.

