

There are a number of bridges of differing types within the port (river section) and each has restrictions on transit by vessels and/or craft.

CD = Chart Datum

MHWS = Mean High Water Springs

FIXED BRIDGES

Albert Bridge

Road Bridge fixed is owned by Glasgow City Council. Clearance: Centre 9.55m from CD & 4.85m above MHWS of 4.7m; (Edge 5.44m from CD)

St Enoch Viaduct (Union Railway Bridge)

Rail Bridge fixed is owned by Network Rail. Clearance: Centre 12.5m from CD & 7.8m above MHWS of 4.7m.

Victoria Bridge

Road Bridge fixed is owned by Glasgow City Council. Clearance: Centre 10.24m from CD & 5.54m above MHWS of 4.7m; (Edge 7.04m from CD)

South Portland St Suspension Bridge

Pedestrian Bridge fixed is owned by Glasgow City Council. Clearance: North side 9.22m from CD & 4.52m above MHWS of 4.7m.

Glasgow Bridge

Road Bridge fixed is owned by Glasgow City Council. Clearance: Centre 10.11m from CD & 5.41m above MHWS of 4.7m; (Edge 6.78m from CD).

Central Station Bridges

Rail Bridge fixed is owned by Network Rail. Clearance: Centre 10.9m from CD & 6.2m above MHWS of 4.7m.

King George V Bridge (A77 Road Bridge)

Road Bridge fixed is owned by Glasgow City Council. Clearance: Centre 10.2m from CD & 5.51m above MHWS of 4.7m; (Edge 6.49m from CD).

Tradeston/ (Squiggly) Bridge

Pedestrian Bridge fixed is owned by Glasgow City Council. Clearance: Centre 10.1m from CD & 5.41m above MHWS of 4.7m.

Kingston Bridge (M8 Motorway Bridge)

Road (Motorway) Bridge fixed is owned by Transport Scotland. Clearance: Centre 24.62m from CD & 19.95 above MHWS of 4.67m; (Edge 18.25m from CD)

Clyde Arc (Squinty) Bridge (sometimes referred to as the Finnieston Bridge)

Road Bridge fixed is owned by Glasgow City Council. Clearance: Centre 10.01m from CD & 5.4m above MHWS of 4.61m.

Erskine Bridge

Road bridge fixed carrying a major Trunk Road is owned by Transport Scotland and operated by Transerve.

No vessel, rig or any other movement of craft/structure is permitted to pass under the Erskine Bridge where the vertical clearance is less than 1.5 m.

Where vertical clearance is expected to be greater than 1.5m but less than 5.0m then Clydeport Marine Department MUST be consulted in advance – 01475-886317/886320 or clydemarinemanagers@peelports.com as additional planning will be required.

For unrestricted transit under the bridge, the Air draught of a vessel should be no more than 49.8m above Mean High Water Springs.

OPENING BRIDGES

Bell's Bridge

Pedestrian Swing Bridge is owned by Glasgow City Council and operated by Glasgow Science Centre.

Clearance: Centre 8.63m from CD & 4.02m above MHWS of 4.61m; (Edge 8.44m from CD)

The bridge may be opened, subject to Wind Speeds ≤ 17 knots, to permit transit by vessels.

Two hours advance Notice is required to Glasgow Science Centre 0141-420 5030 or 07733-889056.

Science Centre (Millennium) Bridge (CURRENTLY NOT OPERATIONAL)

Pedestrian Opening Bridge is owned by Glasgow City Council and operated by Glasgow Science Centre. The bridge is currently in **closed position to all marine traffic**.

Clearance: Centre 8.36m from CD & 3.75m above MHWS of 4.61m.

When operational, the bridge may be opened, subject to Wind Speeds ≤ 17 knots, to permit transit by vessels.

Govan to Partick Footbridge

Pedestrian Swing Bridge linking Govan and Partick (adjacent to Riverside Museum), owned by Glasgow City Council and operated by Mirren Marine. 07302 030028 – info@mirrenmarine.com www.mirrenmarine.com VHF Ch12 call sign "GOVAN-PARTICK BRIDGE"

Clearance: Centre 9.31m from CD & 4.7m above MHWS of 4.61m. Minimum clearance is 0.5m from the highest point of the vessel to the underside of the bridge, giving a maximum air draught of 4.2m above MHWS.

Bridge wind opening/closing operating limits: average wind speed 24mph (21 kts) over preceding 30 minutes and gust speeds exceeding 35mph (30 kts).

Notifications:

Inbound (up river) vessels must give a minimum of 6 hours prior notice, to Mirren Marine direct, to have the bridge open.

A second advance notification shall be given not less than 1 hour prior to the ETA of passing the bridge.

A third advance notification shall be given when the vessel passes the reporting point at Dungleigh. The Bridge will confirm to the vessel that the Bridge is open.

Should the bridge fail to open, the vessel will be instructed to reduce speed and divert to King George V Dock.

Outbound (down river) vessels must give a minimum of 6 hours prior notice, to Mirren Marine direct, to have the bridge open.

A second advance notification shall be given not less than 1 hour prior to the ETD and letting go.

The Bridge will confirm to the vessel that the Bridge is open.

Should the vessel fail to open, the vessel should not depart her berth.

Navigating under the Bells & Millennium Bridges

Visitors can check the height of the tide from the tide board at the east end of Meadowside Quay. This board gives the height of the tide at that moment above chart datum. Subtract this reading from the bridge heights (8.36m above Chart Datum) to give the clearance height (water line to the bridge) at that moment in time for the bridge centre line. Tide height information is also available from Estuary Control.

If navigating beyond the Bells Swing Bridge, the best centre point of passage (Day Mark) heights of the Clyde Arc (Finnieston Bridge) is 10.01m above Chart Datum and the Tradeston Bridge is 10.10m above Chart Datum.

NEW OPENING BRIDGE

Renfrew to Yoker Roadbridge (UNDER CONSTRUCTION)

New roadbridge connecting Renfrew and Yoker. Until fully operational, vessels are to contact 'Estuary Radio' on VHF Ch12, to determine the status of the bridge, whether it is open to river traffic or closed. The layby berth west of the bridge is not yet operational.