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Part 27: Glossary & References

27 Glossary & References

27.1 Glossary of Terms Used in this Report

Accommodation bridge	Provided to “accommodate” the needs of landowners and sometimes referred to as a “farm crossing”. Designed for livestock and horse-drawn traffic they are now often called upon to carry much greater loads and most have been given weight limits.
AINA	Association of Inland Navigation Authorities. Body representing all organisations which own, run or operate inland waterways.
Air clearance	The height between the normal surface level (pound) level of the water and the underside of any overhanging or oversailing structure such as a bridge.
Air draught	The height between the top limit of the standard vessel and the lowest clearance on a waterway. This dimension is given for each waterway in the British Waterways Boater's Guide.
BWB or BW	British Waterways Board or British Waterways
Backhoe	A hydraulically operated scoop or trenching implement mounted at the rear of a tractor.
Boater	A leisure user of a vessel (hired or owned).
Breasted up	Two narrow boats tied side by side to operate through broad locks or on broad waterways. Intended to speed locking. Can also refer to two boats of any gauge tied side by side when mooring.
Bridge hole	The canal area immediately under and on either side of a bridge, usually much narrower than the rest of the canal and misused for the jettisoning of detritus, especially in urban areas.
Broad Canals	Built to accept boats between 12 and 14 ft wide but generally shorter – for example the Leeds and Liverpool admits boats up to 14ft wide but only 57 ft long. Some later broad waterways were intended to allow two narrow boats to operate “breasted up” (QV) and hence have locks 14ft by 72 ft. (compare with “Narrow Canal”)
Bywash	The channel by which the surplus water not required for lock operation is transferred past the lock: sometimes an open channel, often a small tunnel.
Canal	An artificial water-body usually with very slow-flowing water.
Canalised River	A natural water course which has been modified by channel deepening, straightening, bank stabilisation, the additional of weirs etc., so as to control the flow of water. The function of canalisation may include navigation but is also commonly undertaken for flood control, water quality and water supply.
Canal Track	The land occupied by the functional waterway including the off bank, canal channel, towpath bank, towpath and both fence or hedge lines (usually congruent with the land owned by the canal company).

Canal Corridor	All land within 500m of the Canal Track.
Canal Area	All land within 1 to 3 km of the Canal Track; important for defining landscape character.
Canal Length	An arbitrary section of the canal – usually designated for a specific purpose (management, engineering, etc.).
Canal Gauge	<p>The dimensions of a particular length of canal and determining the maximum size of vessel which may use a particular waterway. Gauge is defined by width (beam), length and depth (draught). Unlike railways there was little standardisation on dimensions between different companies but English and Welsh Waterways can be roughly divided to two main groups of “gauges”.</p> <p>Narrow Canals: Built to accept boats generally not wider than 7ft to 7ft3” (*) and up to 70 ft long.</p> <p>Broad Canals: Built to accept boats between 12 and 14 ft wide but generally shorter – for example the Leeds and Liverpool admits boats up to 14ft wide but only 57 ft long. Some later broad waterways were intended to allow two narrow boats to operate “breasted up” (QV) and hence have locks 14ft by 72 ft.</p> <p>* Canals of the South Wales Valleys are classed as narrow canals but have wider gauges with boat widths of 8ft and 8ft6” being common.</p>
Commercial waterway	A waterway maintained to the appropriate standards for freight traffic.
Cruising waterway	A waterway maintained to the appropriate standards for leisure boat use.
Customers Charter	A booklet, Caring for Britain's Waterways, published by BWB in August 1993 in line with the Government's `Citizens Charter'.
DoE	Department of the Environment.
DOT	Department of Transport.
Dredger	A purpose-built vessel for dredging or a standard vessel with dredging equipment mounted on it. Various mechanisms are used including bucket chain, suction equipment and clam grab.
Dredging	Excavating material from below water level to maintain or achieve a defined depth of water. Also used loosely to refer to the removal of any underwater obstacles to navigation. Performed either by a dredger or from the bank using a dragline or backhoe.
Dredging tip	A licensed site for spoil from dredging subject to new controls under the Environmental Protection Act 1990.
ERDF	European Regional Development Fund.
Feeder	A channel used for supplying water to a canal from a reservoir or other source. Parts of some otherwise obsolete canals are retained for this purpose.
Hopper	A barge used for collecting and transporting materials on waterways, e.g. dredged spoil, or the collection and removal of floating and submerged rubbish.

IWA	Inland Waterways Association.
IWAAC IWAC	Inland Waterways Amenity Advisory Council. Re-named in 2008 the Inland Waterways Advisory Council. Governments Independent advisory committee on Inland Waterways. Members are appointed by the Minister for Waterways.
Lengthsman	Employee responsible for a wide range of operational and maintenance duties on a specified length of waterway.
Licence	The permits issued by Navigation Authorities which give cruising boats (which meet specific conditions) access to a particular part of the Waterways network.
Lock	A structure to carry boats from one <i>pound</i> level to another. Confined section of waterway at a point where the water level can be changed to raise or lower vessels by the use of sluices and gates.
Mooring fees	Fees charged to boat users and owners for mooring on a waterway. These fees vary according to length of boat, and the location and facilities of the mooring.
Multi-use	Description used by BWB in its accounts for a number of waterways which have a significant amount of commercial use. The other categories are leisure waterways and remainder or not fully navigable waterways.
Narrow Canal	Built to accept boats generally not wider than 7ft(*) to 7ft 3" and up to 70 ft long. * Canals of the South Wales Valleys are classed as narrow canals but have slightly wider gauges with boat widths of 8 ft and 8 ft 6" being common. (compare with "Broad Canal").
NABO	National Association of Boat Owners.
Network	The whole inland waterway network open (or potentially open) to navigation. Includes both canals and navigable rivers. Used with a qualifier if refereeing to any one navigation authority – hence "British Waterways Network" refers only to that part of the network owned and managed by BW.
NVQ	National Vocational Qualification.
Out-turn prices	Prices stated in historical cost terms without any adjustment for inflation.
Paddles	Plates or boards covering the openings through which a lock is charged or discharged. Fitted with a rising stem to permit operation from the top of the lock gate or lockside, the mechanism is fitted either to the lock gates or to bypass channels connecting the canal to the lock chamber.
Piling	A series of posts, usually of steel but sometimes of wood or concrete, driven into the ground to support or retain structures. Used to protect the banks of a canal from erosion.
Profile	The cross-section of a canal identifying the varying water depths and hence dredging requirements.
Pound	A continuous length of water at a single altitude above sea level.

Remainder waterways	A waterway which falls into neither the commercial nor cruising categories. BWB is required to manage them in the most economical way consistent with public health, amenity and safety.
Ring	A series of waterways constituting a navigable circular tour route.
Side pond	A supplementary chamber next to a lock chamber into which some or all of the outflow from one lock in a flight is diverted to be used in refilling the next lock in the flight.
Standard vessel	Cross-section of the vertical vessel (craft profile) given in Navigational Standards used in determining maintained channel dimensions for each level of standard. Within BW the dimensions are proposed by the relevant Waterway Manager, approved by the Regional Manager and used, together with maximum vessel length, to specify the maximum craft dimensions for each waterway given in the Boater's Guide.
SSSI	Officially designated Site of Special Scientific Interest.
Stop gate	A structure to enable rapid control of loss of water in an emergency, e.g. a breach. Can take the form of a lock gate, a rising gate or stop planks.
Stoppage	Temporary closure of a length of waterway arising from natural conditions, planned maintenance, accident or vandalism.
Stop planks / stop logs	Large timber baulks inserted into a groove in the canal channel (usually stop plank grooves are integral to lock or bridge structures) to stop off the canal and enable it to be drained for repair or maintenance.
Task element	The smallest discrete portion of a task against which the use of labour and other resources are reported for planning, monitoring and control purposes.
Tolls	Charges made on commercial carriers for specific journeys through sections of the network. The tolls are negotiated individually according to navigation authority and are usually based on distances and size and nature of cargoes (see also licence fees).
Towpath	Path alongside a canal or river, usually on one side only, sometimes on both sides, originally used for towing, now mainly for leisure and waterway maintenance.
Track	Term used by BWB to describe those parts of a waterway used for navigational purposes. Comparable to <i>Canal Track</i> as defined by the Chesterfield Canal Partnership.
Transpiration	Water absorbed by vegetation and subsequently released to atmosphere. Where weed growth is not kept in check this can lead to a significant loss of water from the canal.
Voussoirs	Arch Stones: The shaped stones used to either form an arch or to delimit and protect the outer edges of a brick arch. The central stone of an arch is the key stone. Applies to buildings and structures such as bridges.

Washlands	An area of flood plain where water is stored in time of flood. Such an area may have structures to control the amount of water stored and the timing of its release.
Wayleave	A right of way that is rented, e.g. to an electricity company.
Winding hole	An enlarged part of a canal sufficient to allow a canal boat to turn round. Usually pronounced "wind-ing" -- expression said to be derived from the use of wind assistance to turn the vessel.

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