

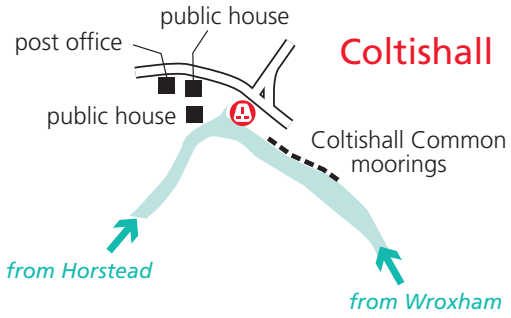


# How to charge your electric boat

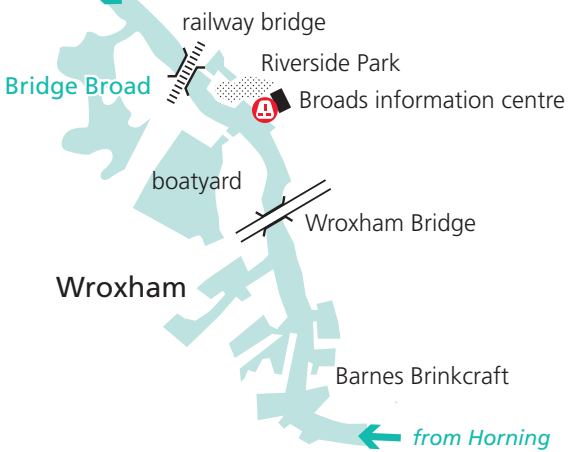
Where are the charging points?  
Where can I get charging cards?  
How do I use them?



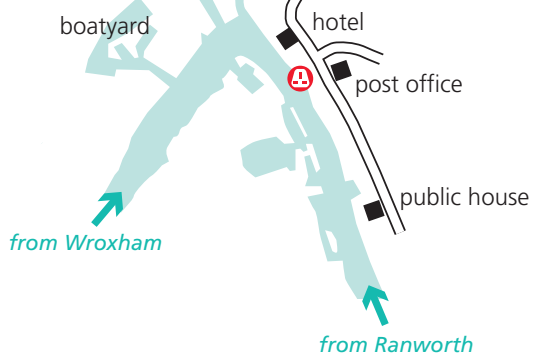
## River Bure



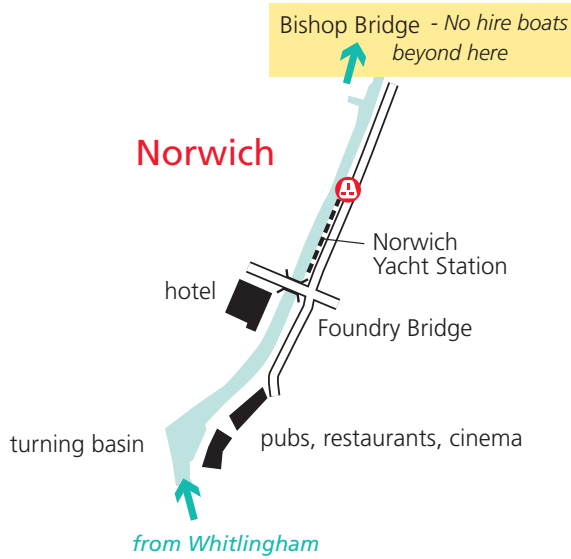
## Hoveton



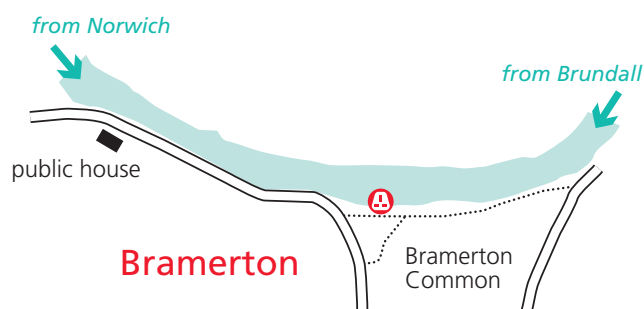
## Horning



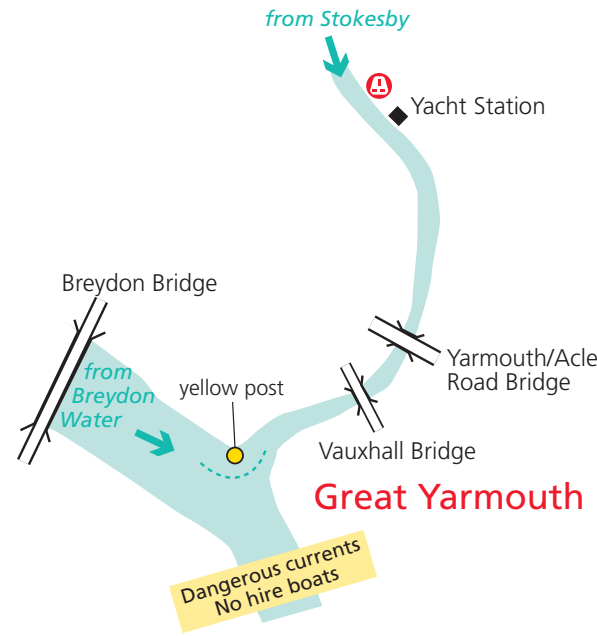
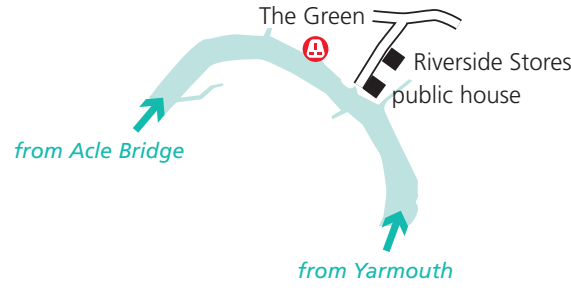
## River Wensum



## River Yare



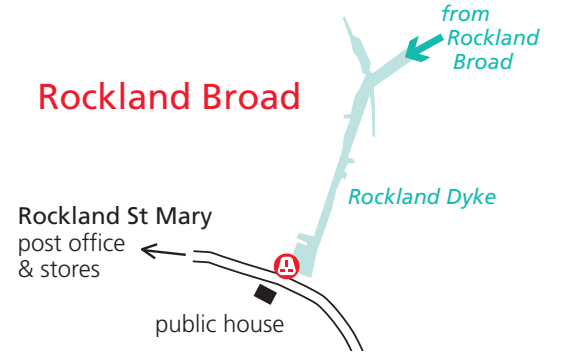
## Stokesby



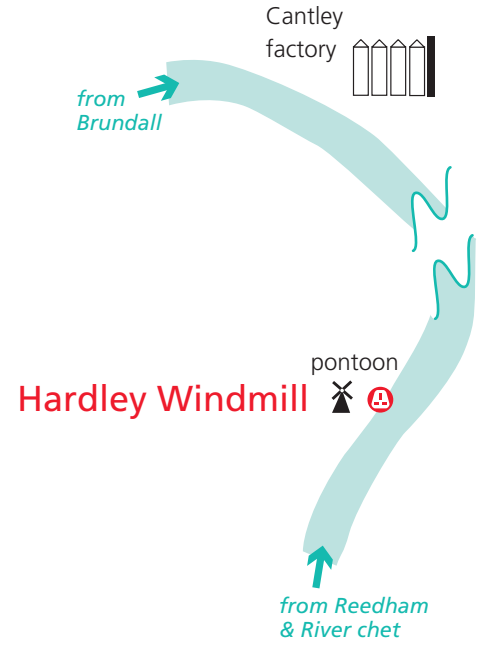
## Ranworth



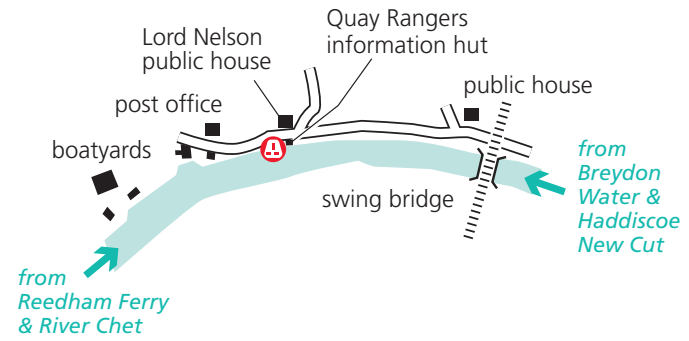
## Rockland Broad



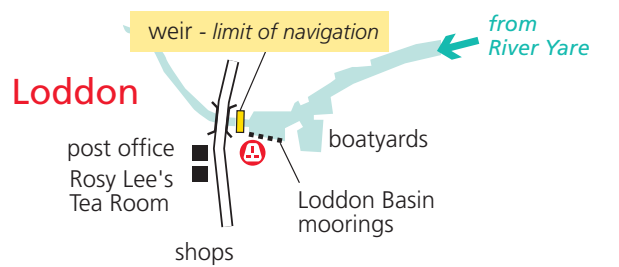
## Hardley Windmill



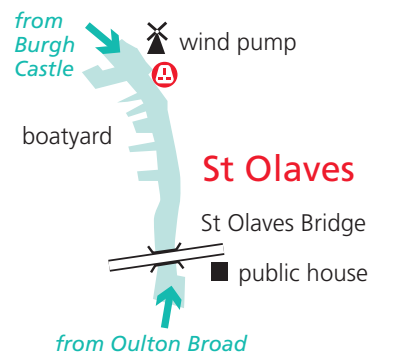
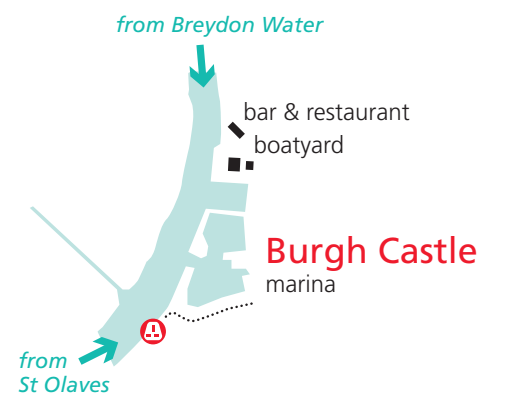
## Reedham



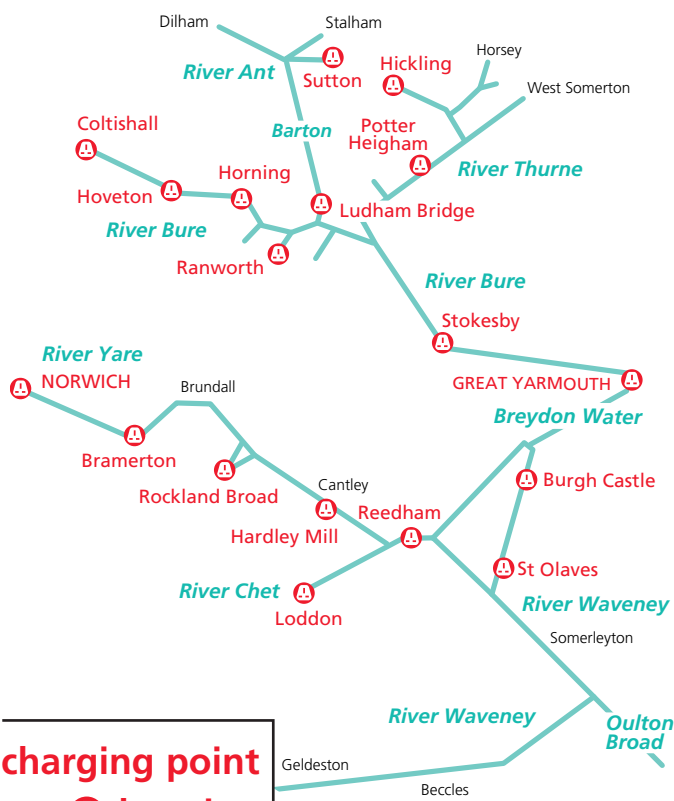
## River Chet



## River Waveney



We hope the provision of charging points will encourage electric boat users to venture further and enjoy the delights of the Broads.



**charging point**  
⚡ location

see detail maps

- River Ant**  
Sutton
- Ludham Bridge
- River Thurne**  
Potter Heigham  
Hickling
- River Bure**  
Coltishall  
Hoveton
- Horning  
Ranworth
- Stokesby  
Gt Yarmouth
- River Wensum**  
Norwich
- River Yare**  
Bramerton
- Rockland Broad
- Hardley Mill  
managed by  
Hardley Mill Trust
- Reedham Quay
- River Chet**  
Loddon
- River Waveney**  
Burgh Castle  
St Olaves

£1 charging cards available from outlets nearby ...

- Sutton Staithe Boatyard
- Stalham Moon Fleet Marine
- How Hill Toad Hole Cottage
- Ludham Bridge Stores
- Post Office Stores
- Whispering Reeds Boatyard
- Post Office Stores
- Broads information centre; Barnes Brinkcraft; Norfolk Marine, Station Rd
- Wroxham  
Broads Tours
- Post Office; The Gallery
- Granary Stores
- Acle Post Office Stores
- Riverside Tearoom & Stores
- Gt. Yarmouth Yacht Station
- Norwich Yacht Station; Broads Authority (Dragonfly House)
- Whitlingham Country Park  
Broads information centre
- Woods End PH
- Brundall Broom Boats
- Surlingham Ferry PH
- Rockland St. Mary  
Post Office & Stores  
New Inn PH
- Hardley Mill Trust
- Post Office; Quay Rangers hut; Lord Nelson PH
- Loddon Stores; Rosy Lees Tea Room
- Burgh Castle Marina reception; Goodchilds Marine Boatyard
- The Roadhouse (next to garage)
- Oulton Broad  
Jeckells Chandlery; Mutford Lock; Harbour Master

**Charging pillars**



Each charging pillar has two mains voltage (240v, 50 Hz) single phase sockets, 16A and 32A size, to fit the two most common types of plugs. (Older versions may be 16A only).  
Each socket is controlled by a separate card-operated meter, built in to the pillar under a weatherproof cover.  
The pillars provide power for your boat with direct connection to shore supply which is connected to earth.

**Failure to follow the safety instructions may result in disconnection of supply.**

If you do not have an isolating transformer, corrosion through electrolysis could damage your boat and others.

**If the socket does not work**

- ⚠ Circuit breakers for overload and earth leakage protection are built in to the pillar under a weatherproof cover. Check to see they are all on. If any have tripped out, unplug your boat, switch them on, then refit your plug. If a breaker trips out you have a fault on your installation.
- ⚠ Check the small red neon indicator on the card meter is on - this shows power is available.
- ⚠ If all the breakers and neon indicator are on but the socket still does not work, report the fault to the Broads Authority: Broads Control 01603 756056 or 01603 610734.

If you have any comments on your experience of using the charging points please go to [www.broads-authority.gov.uk/boating/facilities-and-access/electric-charging-points.html](http://www.broads-authority.gov.uk/boating/facilities-and-access/electric-charging-points.html)

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**Connecting**

- Only connect one boat to one socket.
- Connecting cable must be undamaged and one continuous length, without joints.
- Disconnect all electrical equipment on boat. Internal wiring on boat must meet appropriate standards.
- Moisture in boat socket could be a hazard so clean plug and socket.
- Arrange cable so it will not fall into water if it becomes disconnected. Ensure it is not a trip hazard or obstruction.

- 1 Connect cable to boat socket.
- 2 Lift the pillar socket cover and insert the plug, ensuring it is fully engaged. On some units you will need to lift the top flap to locate the sockets.



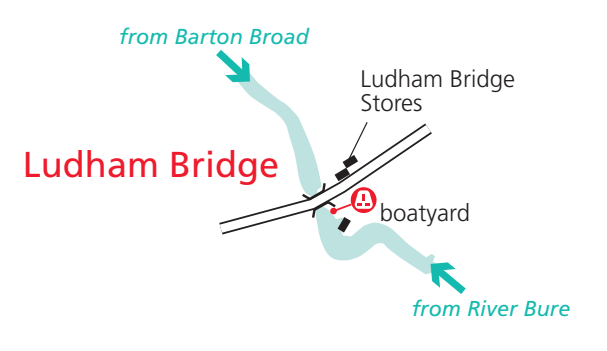
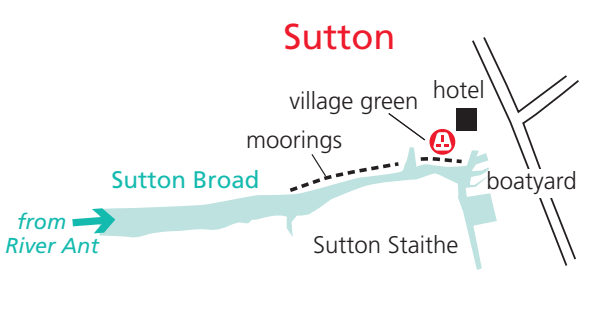
**Using the card**

- 1 Lift relevant meter cover, these are marked to tell you which socket they operate.
- 2 Insert payment card with the magnetic strip facing up, in the direction of the arrow. You may have to insert the card several times before card engages.
- 3 The card will give a £1 credit on the meter, the length of time the socket operates will depend on the load connected.

**Disconnecting**

- 1 Switch off supply and disconnect all electrical equipment on boat.
  - 2 Disconnect cable from pillar socket.
  - 3 Disconnect cable from boat socket. Replace any cover.
- Please remember to disconnect your plug before leaving the mooring.
  - Coil cable and store in dry place where it will not be damaged.

**River Ant**



**River Thurne**

