INSTRUCTIONS FOR CONNECTION TO SHORE SUPPLIES ON THE CHELMER & BLACKWATER NAVIGATION

A number of mooring locations along the navigation provide power for use aboard pleasure craft (and authorised residential craft) with a direct connection to the shore supply which is connected to earth. Unless you have an isolating transformer fitted on board to isolate the electrical system on your craft from the shore supply system, corrosion through electrolysis could damage your craft or surrounding craft. This is particularly the case if your craft is left connected to the shore supply for extended periods.

Connection to shore supplies must only be by means of a flexible three core connecting cable suitable for marina use and fitted with a plug and socket complying with BS EN 60309-2. Suitable cables meeting these requirements are available from most good chandleries and camping shops in a range of standard lengths. Flexible cables should be selected to be the minimum length required to reach the nearest available shore supply socket; maintained in suitable condition and must be left clearly visible throughout their entire length to avoid trip hazards and accidental damage during maintenance of the navigation.

In compliance with national requirements for electrical installations[1], EWL shore power supplies are intended solely for use on board craft, or for occasional temporary onshore use adjacent to, and for the purposes of maintenance of, the licensed boat only. They are NOT designed or intended to be used for supplying electricity to any form of permanent fixed electrical installations on land including external lighting or any other fixed appliances inside, or attached to, any form of building or other permanent structure**.** It is your responsibility to ensure that the internal wiring on your craft complies with the appropriate electrical safety standards.

ON ARRIVAL

(i) Disconnect all current-using equipment on the craft before inserting the craft plug. Connect the flexible cable **firstly** at the craft inlet socket and **then** at the shore supply socket-outlet.

(ii) The supply is 240v, 50Hz. The socket-outlet will accommodate a standard marina plug colour blue (technically described as BS EN 60309-2, position 6 h). The maximum supply current available from shore power sockets on this waterway is 16A.

(iii) For safety reasons, your craft must not be connected to any other socket-outlet than that allocated by EWL for use at your mooring.

(iv) Every effort must be made to prevent the connecting flexible cable from falling into the water if it should become disengaged.

(v) For safety reasons, only one craft may be connected to any one socket-outlet. “One socket, one boat”.

(vi) Under no circumstances should any one craft or appliance be supplied from more than one EWL socket-outlet.

(vii) The connecting flexible cable between the EWL socket and your craft must be in one length, without signs of damage, and must not contain joints or other means to increase its length.

(viii) The entry of moisture and salt into the inlet socket of your craft may cause a hazard. Examine carefully and clean the plug and socket before connecting the supply.

(ix) It is dangerous to attempt repairs or alterations. If any difficulty arises, contact a member of EWL staff.

BEFORE LEAVING

(i) Ensure that the supply is switched off and disconnect all current-using equipment on the craft, before the connecting cable is disconnected.

(ii) The connecting flexible cable should be disconnected **firstly** from the EWL socket-outlet and **then** from the craft inlet socket. Any cover that may be provided to protect the inlet from weather should be securely replaced. The connecting flexible cable should be coiled up and stored in a dry location where it will not be damaged.

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1. BS 7671:2008 *Requirements for Electrical Installations, Section 709 Marinas & Similar Locations*