



## NOTICE TO MARINERS

No.8 of 2003

### **USE OF ELECTRICAL CABLES IN NON MARINA BERTHS**

It has been brought to Jersey Harbours attention of the dangers in the practice of running power cables between the remote electrical power bollards on piers, quays, boat parks to vessels. In particular the instances where power cables are run across the seabed to vessels moored away from the harbour quays and across roadways and footpaths within Jersey Harbours administered property.

The power output from these bollards are currently 240 volts and the socket outlets are correctly protected by RCCB's

The danger is when a cable is damaged and before the safety trip switches cuts the power off, the current has the capacity to cause serious injury or a fatality.

#### **Therefore with immediate effect:-**

1. Power cables running along the seabed are prohibited.
2. Should a power cable be required to cross a road or footpath the cable must be protected within a suitable cable protector.
3. All cables should be one continuous length [without joints/connections of any type].
4. Cables which show damage to outer cover must be removed from service immediately.
5. Only one plug to each outlet. Multiple adaptors should not be used.

Jersey Harbours staff will periodically monitor the quays and marinas and where cables are found to be unsafe, they will be disconnected. Owners will be informed as soon as practicable.

# **INSTRUCTIONS FOR THE USE OF AN ELECTRICAL SUPPLY IN AND AROUND MARINAS**

The Marinas provide shore power for use on your leisure 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.

## **ON ARRIVAL**

1. Ensure the supply is switched **OFF** before inserting the craft plug.
2. The supply at the berths is **240 volt 50 Hz**. The socket outlet will accommodate a standard Marina Plug 16 or 63amp 3 pin. Blue if Blue Socket) - 32amp 3pin – Red if Red Socket) Some outlets are designated 3 Phase 415 Volt 50Hz ('K' Pontoon only, Elizabeth Marina)
3. For safety reasons, your craft must not be connected to any other socket outlet than that allocated to your berth and your craft. The internal wiring on board your craft must comply with the appropriate standards.
4. Every effort must be made to prevent the connecting lead from falling / trailing in the water.
5. For safety reasons, only one leisure craft connecting cable may connected to any one socket outlet.
6. The connecting flexible cable **MUST** be in one continuous length, without signs of damage, and not contain joints, or other means, to increase its length.
7. The entry of moisture and salt into the leisure craft inlet socket may cause a hazard. Examine carefully and clean the plug and socket before connecting to the supply.
8. It is dangerous to attempt repairs or alterations. If any difficulty arises, contact the Marina Supervisors.

## **BEFORE LEAVING**

1. Ensure that supply is switched **OFF** before the connecting cable is removed.
2. The connecting flexible cable should be disconnected **FIRST** from the marina socket outlet and **THEN** from the leisure craft inlet socket. Any cover that may be provided to protect the socket or the craft inlet should be securely replaced. The connecting cable should be coiled up and stored on board in dry location where it will not be damaged.



**CAPTAIN HOWARD LE CORNU**  
Harbour Master  
1<sup>st</sup> July 2003



# Jersey Harbours

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