**EEP 20 WG1 Working Paper No ??**

For insertion in Guideline 1015Section 5 to replace existing

**5 ANTIFOULING COATING**

There are various opinions regarding the use and efficacy of antifouling paint. National regulations may restrict the type of antifouling that can be used.

The conventionally available antifouling coatings will achieve up to 3 years antifouling performance though modern developments with non toxic formula claim to offer significantly longer performance life.

Alternative coatings and antifouling systems include:

* Biocide coatings
  + Copper
* Non toxic coatings
  + Silicon based coating
  + Fluoropolymer based coating
  + Erodible coatings
* Impressed electrical current systems

Each of these will delay the formation of a weed coating on the buoy to a lesser or greater extent and will probably make it easier to remove any weed that does adhere by water jetting or scrubbing.

**Photo shows a spar buoy being lifted from the water following one year afloat. The lower floatation section has been painted with a fluropolymer antifouling coating compared to the spar & ladder section that has been painted with a traditional epoxy based paint.