



Ministry of Defence

Ships Support Agency

DISM/SM252c, Room 21 , Block C, Foxhill, Bath BA1 5AB
Telephone: 01225 882501 Fax: 01225 883007



Lectro-Tech Inc.
PO Box 18566
Tampa
Florida. 33679
USA

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Your Ref:

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For the attention of Mr L Krosamer

LECTRO-TECH SUPER CORR B

1. Following our recent discussion I can confirm that Lectro-Tech Super Corr B has been used on the UK Trident Submarines. The following is a brief summary of the action taken and the initial results.
2. Lectro-Tech Super Corr B was applied to a number of US supplied components located within the bilge area on the third UK Trident Submarine. This was direct action in an attempt to reduce the levels of corrosion/degradation suffered by unprotected components located in this area on the two previous boats.
3. Whilst the bilge is designated a dry area it is impossible to prevent quantities of water/waste fluids etc, from collecting within it, consequently it results in a reasonably hostile environment for unprotected components.
4. Lectro-Tech Super Corr B was applied to the third boat of the class during the build phase when the bilge area and components to be coated were in good condition. This area was subsequently inspected following six months at sea. The conclusions drawn during the inspection was that component condition was generally good with only a few items exhibiting signs of corrosion. The majority of the corrosion seen was limited to small areas of individual components, which would suggest that the coating had either not been applied adequately or that it had been inadvertently wiped off following application. It is also possible that some of the components could have been replaced during the six month sea time, and as such not coated with Lectro-Tech. Overall the levels of corrosion/degradation seen on this boat were significantly less than that observed on previous boats of the class.
5. The conclusion can be further endorsed by the fact that non-treated components in this area were already showing signs of discoloration and in isolated places more significant corrosion and pitting.
6. The UK now plans to introduce Lectro-Tech to the other boats of the Class.

P Brockies
For DISM