

## **STANNAH LIFTS LTD**

### **ELECTRICAL TECHNICAL BULLETIN**

**Date :** 23/09/03  
**Product :** System 21 Lifts with Nexus and Nexi Controllers  
**Subject :** Operation of the Anti-Surfing Feature  
**Status :** Information only  
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#### **Introduction**

Over recent months, we have received a certain amount of negative feedback from service branches and customers via warranty reports with regards to the anti surfing feature of the system 21 lift. This bulletin has been issued to explain the feature and why it was introduced.

#### **Detail**

The anti surfing device is a feature of the Nexus software and was introduced with V1.40 software at the end of 2000. The feature was introduced because of the safety implications with limited headroom (EN81-2, Annex C, clause 5.7.1.1) and the emerging knowledge of problems with people getting on to car top and 'surfing' on the lift roof.

The software feature operates by recognising when the landing doors have been opened when the lift car is not present at that particular floor. The feature latches the lift out of service until the control panel power is cycled. This means that if anyone does manage to get on the lift car the lift won't run again. This feature is bypassed when the security dongle is placed in the Nexus so that testers, installers and maintenance engineers can work on and off car top without having to recycle the power to the panel.

#### **Summary**

The anti-surfing operation is a software feature that has been in place since 2000. If you require any more detail on its operation please contact the electrical design office at Stannah Lifts, Andover.