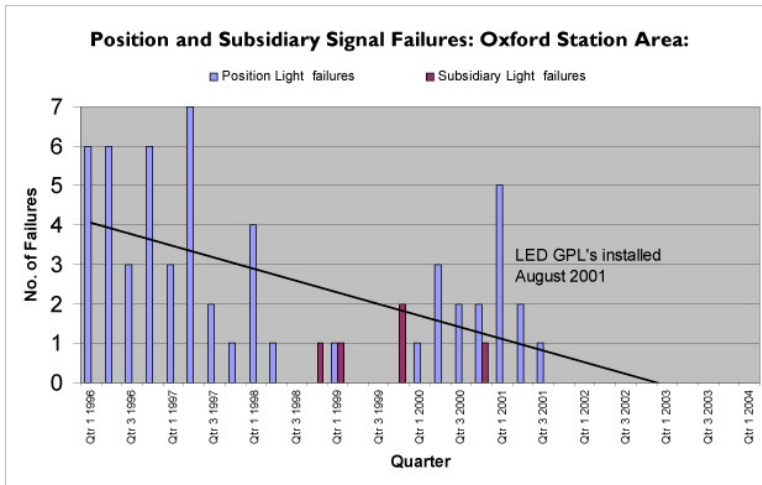


# LED Signalling

## Successful installations

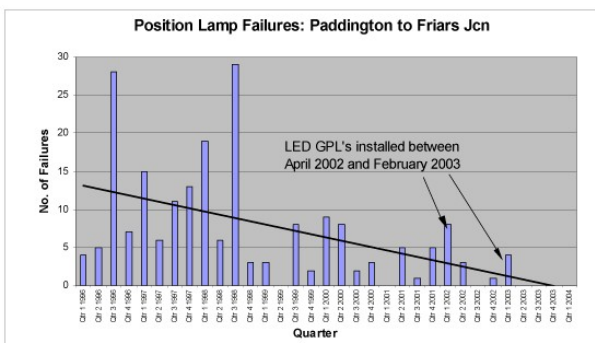
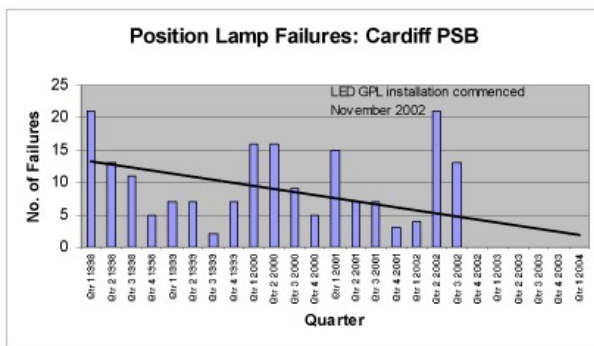
Following the successful installation of NRS LED signalling on the UK infrastructure, signalling failures have dramatically reduced.



Where LED Ground Position Lights (GPLs) have been fitted, fault indications have reduced to zero.

The success of the LED signals in remaining fault-free in the 31 months from installation delivers clear benefits:

- Zero signalling down-time due to GPL failure (eliminating penalties for delays due to GPL signalling problems)
- Reduced maintenance activity required to correct failures (including wrong side lamp failures)
- Reduced maintenance due to the elimination of lamp-changing visits



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