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US military trials British navigation tech to combat GPS jamming



[Professor David Last](#) · 21 hours ago

eLoran was proposed by the US Federal Aviation Administration and the feasibility trials were conducted in the US. But it was brought to operational status by the General Lighthouse Authorities of the UK and Ireland. It has been in operation for 4 years and is delivering better than the 10 metres accuracy the International Maritime Organisation require for harbour entrance - and it has proved very reliable.

Galileo will be an excellent system when it arrives. Unfortunately, it shares the vulnerability to interference, intentional jamming and solar storms of GPS - as do its Russian, Chinese and Japanese counterparts. eLoran will never be as accurate as GPS (though 5 metre accuracy has been demonstrated by the Dutch at Europort) but it shares no common mode of failure with these satellite technologies.

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