



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

Issue 9



MPE stand buzzing at DPRTE 2016 in Cardiff

MPE exhibited for the first time at the annual DPRTE (Defence & Procurement – Research & Technology – Exportability), held in mid-March this year at the Motorpoint Arena in Cardiff (www.dprte.co.uk). MPE had previously visited the event and made the decision to exhibit this time, based on its focus, previous high attendances and also the visit of a delegation from the US Foreign Comparative Testing (FCT) organization.



This important defence procurement showcase in South Wales was again thronging with over 1500 visitors. It is smaller than the likes of DSEI, Electronica or the Paris Air Show, yet concentrates far more on the detail of vital lower-tier technologies and services underpinning the defence sector – rather than on higher profile end-products, such as typically the military vehicles, warplanes, weaponry, ICT systems and UAV programs of prime defence contractors.



Paul Currie and John Jephcott of MPE had an exceptionally busy time fielding enquiries from visitors to the MPE stand which, alongside a selection of the company's standard EMC and EMP filters, majored on its custom filter and capacitor solutions. Furthermore MPE displayed a concept demonstrator of a standalone IEMI detector.

Here John Jephcott of MPE (right) is discussing filter and capacitor solutions with Antony Fletcher, Portfolio Manager – Land & Sea Systems, from the Defence Trade Office at the British Embassy in Washington, DC

The quality of visitors to MPE's stand was very high, with almost all of them there to discuss a specific application or project, including for example custom filters for maritime platforms and TEMPEST filters for a NATO headquarters project. In fact the international reach of DPRTE was impressive, attracting many visitors from overseas territories alongside a large contingent, as expected, from the UK Ministry of Defence.



Moreover MPE was invited to present its latest ground-breaking technologies – principally high-current HEMP filters and the IEMI detector concept demonstrator – to the US Foreign Comparative Testing (FCT) team. The FCT delegation are tasked with sourcing foreign technology applicable to the US defence forces which is either unavailable indigenously in the USA or has distinct technological or cost advantages.

Products on the MPE stand at DPRTE 2016

Accordingly MPE met individually with FCT personnel representing the US Air Force, US Army and US Special Operations Command (SOCOM). Of particular interest were MPE's high-current HEMP filters, which are increasingly used in the USA to address sites experiencing issues and failures with indigenously manufactured HEMP filters. The attendees from the FCT regarded MPE HEMP filters as having superior technical performance and reliability and therefore a marked technological advantage.

Following the daylong event, MPE participated in a reception hosted by the Welsh Government. That took place at the St David's Hotel, Cardiff Bay, and provided an excellent opportunity



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The US Foreign Comparative Testing (FCT) delegation presents during the event

to meet with technical personnel from the MoD and Welsh SME companies – as well as representatives from the USA – in a relaxed and convivial atmosphere.

The next, eagerly awaited DPRTE event is set for 16th March 2017.

