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E2S BEx range gains Russian GOST R Approval Released 8 July 2005

System integrators supplying fire and control systems to the fast-growing Russian oil and gas sector obviously need to ensure that all components used have the relevant approvals. E2S, Europe's leading specialist manufacturer of explosion proof sounders and beacons for use in hazardous areas, has gained Russian approval for all variants of its high performance BEx range. The GOST R Approval adds to the range's existing ATEX and IECEx Approvals, completing the certification of the family for use in high risk environments throughout the world.

The BEx range is available in EEx d and EEx de ratings, is suitable for use in Zones 1, 21, 2 and 22 gas and dust environments. The family consists of 110 and 117dB(A) sounders, 15 and 25 Watt loudspeakers, the unique 110 and 113dB(A) Appello voice and tone sounders, 5, 10 and 15 Joule beacons and combination units. A major feature is the large termination area, making installation very much easier; the EEx d versions accept either one 4mm² or two 2.5mm² cables, the EEx de units can accommodate two 4mm² cables.

The sounders have a 4MHz internal clock to ensure that all sounders on the same loop remain in synchronisation. They offer 45 different tones, including, for offshore use, the PFEER/UKOOA "General Alarm", "Toxic Gas Alarm" and "Prepare to Abandon Platform" tones, and all commonly used European tones. The unique Appello combined voice and tone sounders use direct digital storage to hold a voice message of up to 16 seconds duration in non-volatile memory. The high quality reproduction from digital storage ensures outstanding clarity of the broadcast message. The 5, 10 and 15 Joule beacons have unique synchronised flash and are available with a choice of six lens colours.

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Notes to Editors.

For further information contact:

E2S contact:

Peter Fay
Managing Director
European Safety Systems Limited
Impress House
Mansell Road
London
W3 7QH
Tel: + 44 (0)20 8743 8880
Fax: + 44 (0)20 8740 4200
sales@e-2-s.com
www.e-2-s.com



Agency contact:

Nigel May
Parkfield Communications Limited
Parkfield House
Damerham
Hants
SP6 3HQ

Tel: + 44 (0)1725 518321
Fax: + 44 (0)1725 518378
nigel.may@parkfield.co.uk
www.parkfield.co.uk

European Safety Systems specialise in the design and manufacture of a wide range of Intrinsically Safe and Explosion Proof high performance sounders, strobes and beacons, including unique intelligent annunciation and audio messaging devices employing direct analogue signal storage on silicon technology.