

THE QUEEN'S AWARD  
FOR TECHNOLOGICAL ACHIEVEMENT 1991

HER MAJESTY THE QUEEN has been graciously pleased to confer Her Award for Technological Achievement in 1991 upon the following industrial units:

<i>Name of Company</i>	<i>Location</i>	<i>Name of product or development</i>
AMT (Holdings) Ltd.	Reading, Berkshire	Distributed array computer processor <i>jointly</i> with the VLSI Design and Architecture Division of the Electronics Division of The Defence Research Agency.
Anson Ltd.	Gateshead, Tyne and Wear	Anson 'longlife' swivel joint used in steel pipe systems.
BSH Industries Limited.	Swinton, Greater Manchester	Use of heated rear windscreen of cars as a radio antenna.
Bede Scientific Instruments Ltd.	Bowburn, Co. Durham	High resolution diffraction and topography systems for semiconductor characterisation.
Bio-Rad Microscience Limited.	Hemel Hempstead, Hertfordshire	Laser scanning microscope <i>jointly</i> with The Laboratory of Molecular Biology of the Medical Research Council.
British Coal Technical Department.	Burton-on-Trent, Staffordshire	Extraction drum for dust and frictional ignition control at coalfaces.
The Gallium Arsenide Device Division of the Electronics Division of the Defence Research Agency.	Malvern, Worcestershire	Semiconductor optoelectronic components using advanced eiptaxial techniques <i>jointly</i> with STC Optical Devices.
The VLSI Design and Architecture Division of the Electronics Division of the Defence Research Agency.	Malvern, Worcestershire	Distributed array computer processor <i>jointly</i> with AMT (Holding) Ltd.
Dowty Aerospace Gloucester Ltd.	Gloucester, Gloucestershire	Composite bladed propellers for commuter aircraft and hovercraft.
Eschmann Bros & Walsh Ltd (Simcare)	Lancing, West Sussex	WC-disposable colostomy bags.
Fibreguide Ltd.	Macclesfield, Cheshire	Air-jet for intermingling of continuous synthetic yarns.
Foseco (F.S.) Ltd.	Tamworth, Staffordshire	"Solstar" metal casting solidification simulation system.
GEC ALSTHOM Transmission & Distribution Projects Limited (TaDPoLe).	Stafford, Staffordshire	High voltage liquid cooled thyristor valve.
GPT Payphone Systems.	Liverpool, Merseyside	Cashless intelligent payphone services.
Guinness Brewing Worldwide	London N.W.10	Canned draught Guinness.
ICI Katalco.	Billingham, Cleveland	Purification of gaseous and liquid hydrocarbons using new catalytic technology.
ICI Pharmaceuticals.	Macclesfield, Cheshire	"Zoladex", a drug for treatment of prostate cancer.
The Drug Development Section of the Institute of Cancer Research: The Royal Cancer Hospital.	Sutton, Surrey	Platinum based anti-cancer drugs and "carboplatin" <i>jointly</i> with The Johnson Matthey Technology Centre <i>and</i> The Royal Marsden Hospital.
Intelligent Applications Ltd.	Livingston Village, West Lothian, Scotland	"Amethyst" expert computer system for engineering applications.
Johnson Matthey Technology Centre.	Reading, Berkshire	Platinum based anti-cancer drugs and "carboplatin" <i>jointly</i> with The Drug Development Section: The Institute of Cancer Research: The Royal Cancer Hospital <i>and</i> the Royal Marsden Hospital.
The Laboratory of Molecular Biology of The Medical Research Council.	Cambridge, Cambridgeshire	Laser scanning microscope <i>jointly</i> with Bio-Rad Microscience Limited.
The Military Communications Division of Marconi Communication Systems Limited.	Chelmsford, Essex	Scimitar H high-frequency combat radio.
Oxford Magnet Technology Limited.	Eynsham, Oxford	Active-shield magnets for magnet resonance scanners.
The Biometrics Division of Penny and Giles Blackwood Limited.	Blackwood, Gwent, Wales	Measurement and recording of human movement by twin axes electrogoniometers.
Central Research Division Pfizer Ltd.	Sandwich, Kent	Diflucan (fluconazole) for treatment of systemic fungal infections.
Portals Limited.	Overton, Basingstoke	Windowed thread security paper.
Quantel Limited.	Newbury, Berkshire	Graphic paintbox creative pre-press system.
Redland Engineering Limited.	Crawley, West Sussex	Cambrian interlocking slate <i>jointly</i> with Redland Roof Tiles Limited <i>and</i> Redland Technology Limited.
Redland Roof Tiles Limited.	Reigate, Surrey	Cambrian interlocking slate <i>jointly</i> with Redland Engineering Limited <i>and</i> Redland Technology Limited.