

**REFERENCE INFORMATION – COLLABORATIVE PROJECTS INVOLVING THE UK
(as at 31 March 2003)**

Table 1: Projects in the Manufacture or In-Service Phase	
	Partner Nations (In addition to the UK)
Naval Equipment	
NATO Ships Inertial Guidance System	Canada/ Netherlands/ Spain
Olympus/ Tyne Gas Turbines	Belgium/ France/ Netherlands
Spey Gas Turbine	Netherlands
Co-operative Outboard Logistic Update (COBLU)	US
NATO Submarine Rescue System (NSRS)	France/ Norway
Land Equipment	
Combat Vehicle Reconnaissance (Tracked)	Belgium
Multiple Launch Rocket System (MLRS)	France/ Germany/ Italy/ US
Combined Arms Tactical Trainer (CATT)	US
Counter Battery Radar (COBRA)	France/ Germany
Guided MLRS (GMLRS)	France/ Germany/ Italy/ US
MLRS - In Service Support	France/ Germany/ Italy
M3 Amphibious Bridge	Germany/ Poland/ Sweden
Missiles	
Sidewinder Air to Air	Germany/ Italy/ Norway
Milan Anti Tank (including improvements)	France/ Germany
Sea Skua Support	Germany
Trident	US
Principal Anti Air Missile System (PAAMS)	France/ Italy
Air Systems	
Typhoon	Germany/ Italy/ Spain
Jaguar	France
Lynx	France
Puma	France
Gazelle	France
Tornado	Germany/ Italy
Harrier AV8B/ GR7	US
Merlin Mk 1 and 3 Helicopters	Italy
RTM 322 Helicopter Engine	France
Directional Infra-Red Countermeasures (DIRCM)	US
Other Equipment	
NATO Improved Link Eleven (NILE) /Link 22	Canada/ France/ Germany/ Italy/ US
Electric Ship Technology Demonstrator (ESTD)	France
NAVSTAR Global Positioning System (GPS)	Belgium/ Canada/ Denmark/ France/ Germany/ Greece/ Italy/ Netherlands/ Norway/ Portugal/ Spain/ Turkey/ US
Joint Tactical Information Distribution System (JTIDS)	US

Table 2: Projects in the Demonstration Phase	
	Partner Nations (In addition to the UK)
Naval Equipment	
Intercooled Recuperated (ICR) Gas Turbine Engine	France/ US
Surface Ship Torpedo Defence	US
Advanced Cycle Low Powered Gas Turbine Alternator (ACL GTA)	France
Land Equipment	
Multi Role Armoured Vehicle (Boxer)	Germany/ Netherlands
Future Fire Control System for MLRS	US

Light Mobile Artillery Weapon System (LIMAWS)	Italy/ US
Self-Destruct Fuze for GMLRS	France/ Germany/ Italy
Missiles	
Long Range Third Generation Anti Tank Guided Weapon (LR TRIGAT) [Note 1]	France/ Germany
Medium Range Third Generation Anti Tank Guided Weapon (MR TRIGAT) [Note 2]	Belgium/ France/ Germany/ Netherlands
Air Systems	
Chinook Low Maintenance Rotor Head	US
Programmable Integrated Ordnance Suite (PIOS)	US
Joint Strike Fighter (JSF)	US/ Australia/ Canada/ Denmark/ Italy/ Netherlands/ Norway
Other Systems	
METOP (Next Generation Meteorological Satellites)	Austria/ Belgium/ Denmark/ Finland/ France/ Germany/ Greece/ Ireland/ Italy/ Netherlands/ Norway/ Portugal/ Spain/ Sweden/ Switzerland/ Turkey

Table 3: Projects in the Assessment Phase	
	Partner Nations (In addition to the UK)
Land Equipment	
Future Tank Main Armament	France/ Germany/ US
LIMAWS (Gun)	Italy/ US
Missiles	
METEOR	France/Germany/ Italy/Spain/Sweden
Air Systems	
A400M	France/ Germany/ Belgium/ Spain/ Turkey
Allied Standards Avionics Architecture Initiative	France/ Germany
Airborne Multi-Mode Solid State Active Array Radar (AMSAR) Technology Demonstrator Programme	France/ Germany
Fast Jet MAWS Technology Assessment Programme	US
Joint Airborne Navigation and Attack (JOANNA) Technology Demonstrator Programme	France
Airborne System for Target Recognition, Identification and Designation (ASTRID)	France/ Spain (Italy observing)
Multifunctional Electronically Scanned Radar (MESAR) 2 Technology Demonstrator Programme	US

Table 4: Projects in the Concept Phase	
	Partner Nations (In addition to the UK)
Air Systems	
European Technology Acquisition Programme (ETAP)	France/ Germany/ Italy/ Spain/ Sweden

Notes:

[1] The Development phase of LR TRIGAT has been completed and the UK is in the process of withdrawing.

[2] The Development phase of MR TRIGAT is due to be completed in July 2004 at which time the UK will instigate a process to withdrawal.