

**U.K-U.S. MASTER INFORMATION EXCHANGE****MEMORANDUM OF UNDERSTANDING ANNEX****CONCERNING****COMBATING WEAPONS OF MASS DESTRUCTION (WMD)****OFFENSIVE OPERATIONS****IEA-UK-AF-07-9045**

In accordance with the Master Information Exchange Memorandum of Understanding (MIEM) between the Secretary of State for Defence of the United Kingdom of Great Britain and Northern Ireland and the Secretary of Defense on Behalf of the Department of Defense of the United States of America effective 18 November 1994, the following Information Exchange Annex (IEA) is hereby established:

**1. DESCRIPTION:**

a. The scope of the IEA comprises the following Research and Development (R&D) technology areas related to Combating Weapons of Mass Destruction (WMD) Offensive Operations. Specific subject areas include:

(1) National strategies and/or policy that provide guidance to the specific problem of WMD offensive operations through effects associated with either neutralization, disruption, denial, immobilization, or destruction;

(2) Threat studies and reviews with particular emphasis on the methods, models, and techniques of analysis;

(3) The analysis hierarchies, including models, methods, techniques, and data that enable offensive operations to be quantified across all relevant scales of time and space;

(4) The technical approaches that might be used to neutralize, disrupt, deny, immobilize, and/or destroy WMD through offensive operations;

(5) The response of WMD materials, the facilities, or delivery vehicles that contain them (i.e. in production, processing, weapon filling, and storage) and the immediate and surrounding environment (i.e. collateral damage and the dispersion of toxic/infectious/radiological material) to techniques for neutralization, disruption, denial, immobilization, and destruction in the context of offensive operations;

(6) Specific mechanisms, with supporting models and data, that neutralize and/or destroy WMD materials in the context of offensive operations;

(7) Methods for improving data capture and the quality of the diagnosis with respect to point and sparse data; and

(8) Identification of pre- and post-strike engagement needs and requirements.

b. Information exchanges of defense R&D Information under this IEA will be on a reciprocal, balanced basis such that the Information exchanged between the Participants will be of approximately equivalent value, quantitatively and qualitatively, in accordance with Section II (Objective and Scope) of the MIEM.

c. R&D Information exchanges under this IEA will conform with the provisions of the MIEM, including the prohibitions against exchange of weapon system computer software, weapon system-related computer software, weapon system computer software documentation, exchange of Production Information and exchange or provision of defense equipment or services contained in Section II (Objective and Scope) of the MIEM. Chemical and biological defense program information shall not be exchanged under this IEA.

d. Correspondence and requests for Information will be handled in accordance with Section IV (Channels of Communication and Visits) of the MIEM.

e. This IEA provides no authority for placing contracts in accordance with Section VI (Contractual Arrangements) of the MIEM.

f. Information will not be used by the receiving Participant for any purpose other than the purposes for which it was furnished without the specific prior written consent of the originating Participant in accordance with Section VII (Disclosure and Use of Information) of the MIEM. Unless specifically permitted under the provision of paragraph 4, below, Information exchanged under this IEA is to be used by the receiving Participant's government employees and contractor support personnel solely for information and evaluation purposes.

## **2. ANNEX AUTHORITIES, TECHNICAL PROJECT OFFICERS, LIAISON OFFICERS AND ESTABLISHMENTS:**

a. For the U.K.:

(1) Technical Project Officer

Dr. Carl N. Mayers  
Room A225, Building 7  
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Wiltshire  
SP4 0JQ, United Kingdom  
Phone: +44 (0) 1980 617229  
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(2) Establishments

(a) DG Strat Tech  
Main Building  
Whitehall  
London  
SW1A 2HP

(b) Research Acquisition Organization  
Defence Academy  
Shrivenham  
Swindon  
Wiltshire SN6 8JU

(c) Defence Science and Technology Laboratory (DSTL)  
Dstl Porton Down  
Salisbury  
Wiltshire SP4 0JQ

(d) Dstl Knowledge Systems  
Dstl Porton Down  
Salisbury  
Wiltshire SP4 0JQ

(3) Liaison Officer

Dr. Ian Roberts  
Defence Science & Technology  
British Defence Staff (Washington)  
British Embassy  
3100 Massachusetts Avenue  
Washington D.C. 20008

b. For the U.S.:

(1) Technical Project Officer

Michael A. Martinez  
Air Force Nuclear Weapons & Counterproliferation Agency  
1551 Wyoming Blvd. SE  
Kirtland AFB NM 87117-5617  
Phone: (505) 853-0479  
Email: [michael.martinez@kirtland.af.mil](mailto:michael.martinez@kirtland.af.mil)

(2) Establishments

(a) Air Force Nuclear Weapons & Counterproliferation  
Agency (AFNWCA)  
Kirtland AFB, NM 87117-5617

(b) Air Force Research Laboratory (AFRL/HEPC)  
2486 Gillingham Drive, Building 175E  
Brooks City-Base, TX 78235-5107

(c) Air Force Research Laboratory (AFRL/MN)  
101 West D Avenue, Suite 342  
Eglin AFB, FL 32542

(d) Armed Forces Radiobiology Research Institute (AFRRI)  
8901 Wisconsin Avenue  
Bethesda, MD 20889-5603

(e) Defense Threat Reduction Agency (DTRA)  
8725 John J. Kingman Road, Stop 6201  
Fort Belvoir, VA 22060-6201

(f) Air Armament Center (AAC/XR)  
207 West D. Ave, Suite 301  
Eglin AFB, FL 32542

(g) AF/A3SC  
1480 AF Pentagon  
Washington, DC 20330-1480

(3) Liaison Officer

USAF Research & Development Liaison Office (RDLL)  
223 Old Marylebone Road  
London NW 5<sup>th</sup>, U.K.

**3. SECURITY AND INFORMATION CONTROL:**

a. Highest classification of Information to be exchanged under this IEA is **SECRET**.

b. All Information exchanges under this IEA will conform with the security and Information control provisions of the MIEM including Section VII (Disclosure and Use of Information), VIII (Controlled Unclassified Information), IX (Security), and X (Third Party Transfers).

c. Annual Information Exchange objectives may be specified, if appropriate. These objectives will be established through exchange of correspondence by the Technical Project Officers and will be revised annually by them to reflect current technology considerations.

**4. SPECIAL DISCLOSURE AND USE OF SCIENTIFIC AND TECHNICAL INFORMATION PROVISIONS:**

None.

**5. FINANCIAL RESPONSIBILITIES:**

Each Participant will bear the full cost it incurs in making, managing and administering any Information exchanges under this IEA in accordance with Section V (Financial Arrangements) of the MIEM.

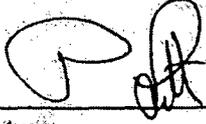
**6. TERMINATION AND DURATION OF THIS IEA:**

a. This IEA may be terminated at any time by the written consent of both national Annex Authorities, who will consult at the appropriate level prior to the date of termination to ensure termination on the most equitable terms. In the event a Participant's national Annex Authority finds it necessary to unilaterally terminate its participation in this IEA, it may terminate upon 60 days written notification to the other Participant's national Annex Authority. Termination of this IEA will be subject to the provisions of Section XII (Amendment, Termination, Entry into Effect, and Duration) of the MIEM.

b. This IEA will remain in effect from the last date of the last signature until 18 November 2009, unless amended or extended by mutual written consent.

FOR THE SECRETARY OF STATE  
FOR DEFENCE OF THE UNITED  
KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND

FOR THE SECRETARY OF  
DEFENSE ON BEHALF OF THE  
DEPARTMENT OF DEFENSE OF  
THE UNITED STATES OF AMERICA



Signature

PHIL SUTTON

Name

DIRECTOR GENERAL (RESEARCH TECHNOLOGY)

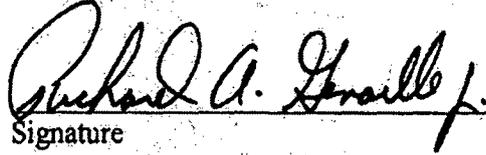
Title

20/4/2007

Date

LONDON

Location



Signature

RICHARD A. GENAILLE, Jr.

Name

Director of Policy  
International Affairs

Title

MAR 26 2007

Date

Arlington, Virginia, U.S.A.

Location