

**AUSTRALIA AND THE UNITED STATES MULTI-LATERAL MASTER MILITARY  
INFORMATION EXCHANGE MEMORANDUM OF UNDERSTANDING (M3IEM)**

**INFORMATION EXCHANGE ANNEX**

**CONCERNING**

**SURFACE SHIP AIR WARFARE**

**O-AA-05-03**

In accordance with the ABCANZ Multilateral Master Military Information Exchange Memorandum of Understanding (M3IEM) of 18 April 1997 and in furtherance and subject to the terms and conditions of the Exchange of Notes concerning Defence Commitments concluded between the Government of the United States and the Government of Australia on 1 December 1995, Australia and the United States hereby establish this Military Information Exchange Annex (MIEA).

**1. DESCRIPTION:**

- a. This MIEA between the Royal Australian Navy (RAN) and the United States Navy (USN) (hereinafter referred to as the "participants") provides for the exchange of operational and technical information related to surface ship air warfare. This MIEA is limited to exchange information consistent with the national laws and regulations of the participants.
- b. This MIEA acknowledges the ongoing requirement for the participants to have a degree of commonality in their tactics and procedures that will enable the easy integration of units of the Participants into combined forces. To fulfill this requirement, this MIEA allows for the exchange of surface ship air warfare information, including the cooperation in tactical development necessary to satisfy the requirement.
- c. The Scope of this MIEA comprises the following:
  - (1) The exchange of tactical development and evaluation information in the field of surface ship air defence by platform specific and non-platform specific, including experimental tactics addressing the defence of ships and formations of ships from attack by fixed-wing aircraft, rotary wing aircraft and anti-ship missiles.
  - (2) Military material and munitions information, military intelligence information, and information relating to employment of armed forces and systems is included in this MIEA in so far as this information relates to surface ship air defence tactics and is consistent with the national and military disclosure laws and policies.
  - (3) Information and data relating to the conduct, analysis, reconstruction and summaries of exercises and operations relating to surface ship air warfare.

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(4) Information and data relating to the conduct, analysis and summaries of modeling and research relating to surface ship air warfare tactics, intelligence and munitions.

d. **Production Information:** Production information will not be disclosed under this MIEA. Production information is defined as "designs, drawings, chemical and mathematical equations, specifications, models, manufacturing techniques, software source code and related information necessary to manufacture or substantially upgrade military material and munitions." This agreement will also not be utilized to exchange information for the purposes of acquisition of military material and munitions or applied research and development information and material.

## 2. **GENERAL:**

- a. The scope of this MIEA permits the exchange of Military Information on the basis that such exchanges will be on a balanced, reciprocal basis of approximately equal value among the MIEA Participants, quantitatively and qualitatively in accordance with Section II of the M3IEM.
- b. All information exchanges under this MIEA will conform to the provisions of the M3IEM, including the prohibition against exchange of weapon, sensor, or related computer system software, or documentation related thereto and exchange or provision of Production Information, and exchange or provision of defense equipment or services contained in Section II of the M3IEM.
- c. Each participant must bear the full costs it incurs in making, managing and administering any information exchanges under this MIEA. Furthermore, this MIEA provides no authority for transfer of funds or placement of contracts in accordance with Section V of the M3IEM.

## 3. **INFORMATION EXCHANGE AND SECURITY:**

- a. A participant (including its defense civilian/contractor support personnel) may use the information received under this MIEA for information and evaluation purposes only. The specific prior written consent of the originating participant is required for any other use or disclosure including disclosure to contractors or Third Parties, in accordance with Section VI of the M3IEM.
- b. All information exchanges under this MIEA will conform with the security provisions of the M3IEM including Sections IV, VI, VII, and VIII of the M3IEM.
- c. The highest classification of information to be exchanged under this MIEA is SECRET REL AUS, USA. The existence of this agreement and its terms are unclassified.
- d. Current information exchange objectives are appended. Revisions may be established on an annual basis through exchange of correspondence by the PO's to

reflect current information considerations. Approved revisions shall also be appended to the agreement.

**4. PROJECT OFFICERS, ESTABLISHMENTS, AND LIAISON OFFICERS:**

a. For the United States Navy:

**Project Officer:**

(a) Commander, Surface Warfare Development Group  
2200 Amphibious Drive  
Norfolk, VA 23521-2896 USA

**Establishments:**

(a) Commander, Surface Warfare Development Group  
2200 Amphibious Drive  
Norfolk, VA 23521-2896 USA

b. For the Royal Australian Navy:

**Project Officer**

(a) Commander, Royal Australian Navy Tactical Development Group  
Building 89/90  
HMAS KUTTABUL  
SYDNEY NSW 2000 AUSTRALIA

**Establishments:**

(a) Commander, Royal Australian Navy Tactical Development Group  
Building 89/90  
HMAS KUTTABUL  
SYDNEY NSW 2000 AUSTRALIA

(b) Commandant Australian Defence Force Warfare Centre (ADFWC)  
RAAF Base Williamtown  
WILLIAMTOWN NSW 2314 AUSTRALIA

**Authorities:**

(a) Maritime Commander Australia  
Maritime Headquarters Australia  
120A Wylde St  
POTTS POINT, NSW 2011 AUSTRALIA

(b) Vice Chief of the Defence Force (Strategic Operations and Capability Systems)  
Headquarters, Australian Defence Force  
Russell Offices  
CANBERRA, ACT 2600 AUSTRALIA

(c) Deputy Chief of Navy  
Department of Defence (Navy Headquarters)

Russell Offices  
CANBERRA, ACT 2600 AUSTRALIA

**5. TERMINATION AND DURATION OF THIS MIEA:**

- a. This MIEA may be amended at any time by the mutual written consent of the Participants. This MIEA may be terminated at any time by the written consent of the respective Participants, who will consult at the appropriate level prior to the date of termination to ensure termination on the most equitable terms. In the event an Authority desires to withdraw from this MIEA, it may withdraw upon 60 days written notification to the authorities of the other respective Participants. Termination of or withdrawal from this MIEA will be subject to the provisions of Section X of the M3IEM.
- b. This MIEA will remain in effect for a period of five years from the date of the last signature unless amended or extended by mutual written consent. Before the expiration of this MIEA, the authorities of the respective Participants will review the MIEA and may, by mutual written consent, extend the MIEA for additional periods of up to five years each.

**6. SIGNATORIES:**

**For the United States Navy**



**S.V. DeGEUS**  
CAPT, USN

Commander, Surface Warfare Development Group  
On behalf of Deputy Chief of Naval Operations (Warfare Requirements and Programs)

4 OCT 05

Date

**For the Royal Australian Navy**



**G. D. CHRISTIAN, AM**  
CDRE, RAN  
NAVAL ATTACHE

On behalf of Deputy Chief of Navy

4 OCT 05

Date

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**THE UNITED STATES NAVY INFORMATION EXCHANGE OBJECTIVES FOR THE  
INFORMATION EXCHANGE ANNEX**

1. The U.S. Navy desires to obtain information on the following topics under this annex:
  - 05-1 Information regarding the capabilities, limitations and employment of Australian AW capable surface and air units. The objective focuses on the capabilities, limitations and employment of Australian AW capable units to enable USN warfare staff to effectively integrate and task units during combined operations.
  - 05-2 Tactics regarding air defense in littoral operations. The objective focuses on tactical employment of air warfare units to produce the most effective conduct of air defense in the littoral.
  - 05-3 Tactics regarding countering anti-ship cruise missiles. The objective focuses on tactical employment of air warfare units to produce the most effective means of countering anti-ship cruise missiles.
  - 05-4 Tactics regarding the employment of the NULKA system. The objective focuses on tactical employment of NULKA in both the intended Seduction role and in utilizing it in a Distraction role.
  - 05-5 Information regarding the tactical impact of current Decoy systems and the ability to utilize them in a Counter-targeting role. The objective focuses on utilizing passive EA (Chaff, NULKA, IR Flares etc.) in a multi-ship environment effectively. The Chaff and offboard decoys of both countries would be looked at to determine how the capabilities of both of these systems could be utilized to enhance effectiveness.
  - 05-6 Information regarding surface ship radar cross section and infra-red signature reduction utilization. The objective focuses on the techniques utilized in reduced radar cross section and infra-red signature with EA response and the integration into hard kill systems.
  - 05-7 Information regarding surface to air missile defense systems employment. The objective focuses on the employment techniques of common surface to air missile defense systems, in particular the Standard SM Family of Surface to Air Missile Systems and the Sea Sparrow and Evolved Sea Sparrow Surface To Air Missile Systems.
  - 05-8 Information regarding the tactical employment of the AEGIS air defense system. The objective focuses on the employment techniques of the Aegis air defense system particularly its employment in the South East Asian and South Pacific climate and littoral environments.

**THE ROYAL AUSTRALIAN NAVY INFORMATION EXCHANGE OBJECTIVES FOR  
THE INFORMATION EXCHANGE ANNEX**

1. The Royal Australian Navy desires to obtain information on the following topics under this annex:
  - 05-1 Information and tactics regarding the capabilities, limitations and employment of USN AW capable surface and air units to provide greater interoperability and enable Australian warfare staff to effectively integrate and task USN units and weapons during combined operations.
  - 05-2 Information regarding CSG/ESG Air Warfare Operations, which would include duties and responsibilities of units involved, stationing concepts, air operations management and cycles, and Command and Control of AW operations.
  - 05-3 Tactics regarding the integration of USN and RAN hard and soft kill systems, pertinent to threat ASCMs, in single and multi-ship scenarios.
  - 05-4 Information regarding the integrated use of EW systems, primarily EA, in countering AW threats.
  - 05-5 Information regarding surface ship radar cross section and infra-red signature reduction utilization in particular Surface ship methods in reducing radar cross section and infra-red signature.
  - 05-6 Tactics regarding the employment of IR and RF Counter Measures and active and passive electronic attack in a multi ship environment.
  - 05-7 Tactics regarding the Air Defence of Amphibious Operations and Amphibious Units.
  - 05-8 Tactics and information regarding the effective employment and performance of the Standard SM family of missiles including the use of such missiles in defence against ballistic missile attack.
  - 05-9 Tactics and information regarding the effective employment of SPY radars and the AEGIS combat system including the use of such systems in the littoral environment.
  - 05-10 Tactics and information regarding ESSM and NSSM performance, particularly against threat ASCMs.
  - 05-11 Tactics regarding the integration and employment of AEW&C units.
  - 05-12 Information and tactics related to the use of Electro optics, electro magnetic weapons systems and lasers in Air Warfare.