

**SOUTH AFRICAN JOINT AIR DEFENCE SYMPOSIUM
PRETORIA, RSA, 14-15 October 2009**

PROGRAMME

14th October 2009

OPENING PROCEEDINGS

- 07:30 - 08:30 Registration, Coffee, Exhibition Open.
- 08:30 - 08:50 Administrative Arrangements. Programme Director – Capt (SAN) D.D. Swart.
- 08:50 - 09:00 **Opening Address.** R Adm B.H. Teuteberg, Chief Director Maritime Strategy.
- 09:00 - 09:30 **Keynote Address.** Lt Gen S.A. Daniële Tei, Chief of the Italian Air Force.

FIRST SESSION: THREAT IN OOTW

Session Chairperson: R Adm (JG) K. Wiesner, South African Navy.

- 09:30 - 10:00 **Italian Integrated Air Defence and High Visibility Events G8 Interoperability Lessons Identified**, Brig Gen P. Mazzi, Italian Air Force.
- 10:00 - 10:30 Refreshments and Exhibition Open.
- 10:30 - 11:00 **AD Threat Characteristics in Military Operations Other Than War (MOOTW) - A Naval Perspective**, Capt (SAN) C. Manig, South African Navy.
- 11:00 - 11:30 **JAD in OOTW: JIM Operations**, Brig Gen W.S. Mbambo, South African Air Force.
- 11:30 - 12:00 **Denial of Air Space: Air Defence in Africa**, Mr Helmoed Heitman, South African Correspondent for Jane's Defence Weekly.
- 12:00 - 12:30 **JAD in OOTW**, Maj Gen T.M. Paledi, Air Arm Cmdr, Botswana Defence Force.
- 12:30 - 13:30 Lunch and Exhibition Open.

SECOND SESSION: OPERATIONAL CONCEPTS IN OOTW

Session Chairperson: Brig Gen B.I. Mbata, South African Army.

- 13:30 - 14:00 **Operational Concepts in OOTW**, Air Vice Marshal J. Chauhan, Indian Air Force.
- 14:00 - 14:30 **Future Operational Concepts**, Brig Gen J.D. Malan, South African Army.
- 14:30 - 15:00 Refreshments and Exhibition Open.
- 15:00 - 15:30 **New Challenges in a New Era**, Brig Gen J.W. Bayne, South African Air Force.
- 15:30 - 16:00 **JAD Applications in FIFA Soccer World Cup 2010**, Mr Henry Green, Armscor, South Africa.

EVENING (14th October 2009)

19:00 for 19:30

Formal Dinner at CSIR (Mess Dress, Dark Suit).

Speaker: Dr Lindiwe Sisulu Minister of Defence and Military Veterans, South Africa
– To be confirmed.

Master of Ceremonies: Col J.D. van der Westhuizen South African Air Force.

Cash Bar Available

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THIRD SESSION: INTEROPERABILITY IN OOTW

Session Chairperson: Brig Gen M.O. Mcetywa, South African Air Force.

- 07:30 - 08:15 Coffee and Exhibition Open.
- 08:15 - 08:20 Administrative Arrangements.
- 08:20 - 08:50 **Interoperability and the IDE in OOTW**, Mr Pierre Meiring, Armscor, South Africa.
- 08:50 - 09:20 **Organisational Aspects of Multinational and Interagency Air Defence Operations during High Visibility Events**, Col (GS) H. Körtge, German Air Force, Germany.
- 09:20 - 09:50 **JAD OOTW: Interoperability – Flexible Usage of Air Space**, Mr Arthur Bradshaw Air Traffic Management Services Consultant, South Africa.
- 09:50 - 10:20 **Local Warning Segment, Effective, Interoperable and Adaptable Ground Based Air Defence System**, Mr Aadil Essop, Denel Integrated Systems Solutions, South Africa.
- 10:20 - 10:50 Refreshments and Exhibition Open.

FOURTH SESSION: TECHNOLOGY IN OOTW

Session Chairperson: Brig Gen L. Lombard, South African Air Force.

- 10:50 - 11:20 **AD Systems with Short Reaction Time in OOTW**, Mr Andres Haller, Rheinmetall Air Defence, Switzerland.
- 11:20 - 11:50 **Considerations on Radar Coverage and Update Rates for Modern Air Defence Radars**, Dr Alexander Wergin, EADS Defence and Security, Germany.
- 11:50 - 12:20 **SHORAD Umkhonto Surface-to-Air Missile (S-USAM)**, Mr Pieter Siebrits, Denel Dynamics, South Africa.
- 12:20 - 13:20 Lunch and Exhibition Open.

FOURTH SESSION: TECHNOLOGY IN OOTW (CONT'D)

Session Chairperson: Brig Gen L. Lombard, South African Air Force.

- 13:20 - 13:50 **Mobility, Flexibility, Capability for Current Operations....OOTW?** Mr Ronnie Harrison, Thales Air Systems Division, United Kingdom.

- 13:50 - 14:20 **From Systems to Capability – Raising the Ante**, Mr René Oosthuizen, Monzé Consultants, South Africa.
- 14:20 - 14:50 **Modelling & Simulation-based Acquisition Decision Support: Present and Future**, Mr Shahn Naidoo, CSIR Defence, Peace, Safety & Security, South Africa.
- 14:50 - 15:10 Refreshments and Exhibition Open.
- 15:10 - 15:40 **Describing JAD within the OOTW Context as a Complex System**, Mr Rudolph Oosthuizen, CSIR Defence, Peace, Safety & Security, South Africa.
- 15:40 - 16:10 **Future Required Landward Technologies**, Col A. Kotze, South African Army.
- 16:10 - 16:40 **Closing Address**, Lt Gen T.T. Matanzima, Chief of Joint Operations.