



NAMSA

NATO MAINTENANCE AND SUPPLY AGENCY
AGENCE OTAN D'ENTRETIEN ET D'APPROVISIONNEMENT

BÜLENT TÜDES
MANAGER, GENERAL SERVICES PROGRAMME
GESTIONNAIRE DU PROGRAMME SERVICES GENERAUX

LG/2012/116 FP/pf

27 February 2012

TO : Members of the Ammunition Support Partnership
NAMSA Country Liaison Representatives

SUBJECT : **Conference on "Mobile Equipments for Ammunition Demilitarization"**

1. On 31 May 2012, NAMSA will host a conference on "Mobile Equipments for Ammunition Demilitarization".
2. A Calling Notice for the event is enclosed. You are kindly requested to attend and provide presentations as indicated on the agenda.
3. The overall classification of the conference will be NATO/PfP Unclassified and is open to representatives of governments from NATO and Partner Nations for attendance and to representatives of Industry from NAMSA Ammunition Support Partnership nations for presentation.
4. You are invited to nominate attendees and briefers where appropriate, and to distribute the calling notice to your national authorities/industry.

B. TÜDES
Programme Manager
General Services Programme

Encl: a/s



CALLING NOTICE

For

Conference “Mobile Equipments for Ammunition Demilitarization”

31 May 2012, NAMSA, Capellen, Luxembourg

Surplus ammunition is typically transported from storage depots to purpose designed industrial demilitarisation facilities. The cost of this can be significant, and in some situations, transportation may not be possible. Is it better to move the demilitarisation equipment to the munitions? The aim of this conference is to draw together the providers of mobile equipment with those from MoD or elsewhere who have to develop alternative solutions for demilitarisation.

The conference will be organized in conjunction with the NAMSA Ammunition Support Partnership (ASP) bi-annual meeting. The ASP represents a group of 23 nations and their associated ammunition related offices.

1. The purpose of this Calling Notice is to invite you to participate in a conference “Mobile Equipments for Ammunition Demilitarization” that is scheduled to take place in Capellen, Luxembourg on 31 May 2012.
2. This event is organized by the NATO Maintenance and Supply Agency (NAMSA). It is open to NATO nations and partners.
3. The key objectives of the conference are:
 - To showcase, discuss and promote mobile & transportable equipments at Technology Readiness Level (TRL) 6¹ and above, i.e. at least a representative system/subsystem model or prototype demonstrated in a relevant environment and up to proven commercial product available for the commercial market.

¹ System Prototype Demonstration in an Operational Environment or Context: NATO TRL Definitions
<http://www.nurc.nato.int/research/trl.htm>

- To raise awareness of the technologies, capabilities and limitations of mobile equipment in comparison to fixed industrial facilities.
- To provide a forum for contractors and users to consider potential scenarios for the use of mobile technology.

4. A draft agenda and administrative details are enclosed. The overall classification of this event will be NATO/PFP Unclassified and is open to Partner Nations.

5. **Conference Briefers:**

- **Nations and industry from the ASP are kindly invited to propose speakers for the conference** that can address current technologies.
- Annex A contains the preliminary Conference Structure.
- Briefers' names, positions, contact details and briefing's title and abstract should be submitted to namsamead@namsa.nato.int by 27 April 2012. Electronic copies of the briefings should be submitted by appropriate means not later than 16 May 2012.

6. **Conference Participants:**

- **Nations and industry are invited to send appropriate personnel to participate in the conference.**
- Annex B contains conference registration form that should be submitted to namsamead@namsa.nato.int by 14 May 2012.
- The organising committee retains the right to reject unsuitable applicants.

7. **Conference Proceedings and Commercial Confidentiality:**

- The conference proceedings will be available on line after the Conference to attendees and authorised government representatives.
- NAMSA intends to generate a catalogue of mobile equipments that will be available on demand to authorised government representatives. It is intended that the catalogue holds additional details of costs and proprietary processes that might be commercially sensitive. Contractors providing details in confidence should make this clear in their submissions.
- Contractors are encouraged to provide detailed information, either during a presentation or as a submission to the proceedings. Ideally this will include capabilities and limitations of the equipment, key detail such as level of pollution control equipment or type of waste stream produced, and an indicative cost. A template format will be provided to that effect.



ADMINISTRATIVE DETAILS

For

Conference “Mobile Equipments for Ammunition Demilitarization”

31 May 2012, NAMSA, Capellen, Luxembourg

GENERAL

1. Mobile Equipments for Ammunition Demilitarization Conference will be held at NAMSA, Capellen, Luxembourg from 09.30 to 18.00 hours, on 31 May 2012.
2. The dress code is civilian: coat and tie.
3. The workshop will be conducted in English.
4. The target audience are national and international government representatives, NGOs or contractors involved in managing the demilitarization of ammunition.

SECURITY CLASSIFICATION OF THE CONFERENCE

5. The overall security classification of the meeting is NATO/PFP UNCLASSIFIED.

ENTERING NAMSA

6. In order to enter NAMSA premises, you must have a valid pass.
7. The Organization Committee will be responsible for delivery of your valid pass.
8. You must show your ID at the NAMSA entrance and will receive a pass in exchange.

AGENDA and CHAIRMAN

9. The Workshop will be chaired by NAMSA.

DOCUMENTS

10. Participants will not receive any classified documents during the event. Conference Proceedings to include Presentations will be downloadable from the Internet.

BRIEFERS AND PARTICIPANTS

11. Briefers' names, positions, contact details and the briefing titles should be submitted to the following points of contact by 27 April 2012. Electronic copies of the briefings should be submitted by appropriate means not later than 15 March 2012.

12. Participants' names, positions, contact details should be submitted to the following points of contact by 14 May 2012

CONFERENCE ROOM

13. The room number for your meeting will be notified on the electronic board as you enter the conference room area and at the counter in this area.

USE OF COMPUTERS AND ASSOCIATED EQUIPMENT

14. NAMSA conference rooms have a full range of IT. Presentations should be in PowerPoint or pdf format. Presentations should be sent by e-mail or on cd/DVD.

15. Portable computers may be used during this event but any external device must be battery powered. USB drives are not allowed to be connected to NAMSA's secure systems.

16. Mobile telephones must be turned off in conference rooms.

TRANSPORTATION

17. Participants are responsible for obtaining their entry visas for Luxembourg. Please check with the nearest Embassy or Consulate of Luxembourg regarding visa requirements.

18. Transportation arrangements are national responsibilities.

19. For participants arriving by air, Luxembourg Airport is not connected to NAMSA. The city centre is connected to NAMSA by train. The journey from the centre to NAMSA takes about 20 minutes.

20. Private cars may be parked in NAMSA's visitors' car park. There is no taxi stand in front of NAMSA.

ACCOMODATION

21. Individuals are responsible for making hotel reservation Please note that your hotel reservation can be made through the new NATO Hotel Reservation System web site at:

<https://nato.roomtrust.com/grouplogin.html?code=858PrF0hy2U4zig8256vSEuj>

Access code: j7b6A6eN

DRAFT AGENDA
For
Conference “Mobile Equipments for Ammunition Demilitarization”
31 May 2012, NAMSA, Capellen, Luxembourg

| | | | |
|---|--|----------|---------|
| 08:00 - 08:30 | Registration and welcome coffee | | |
| 08:30 – 09:00 | Opening Session Moderator: senior official external to NAMSA Welcome by senior NAMSA official Keynote speech by (TBC) | | |
| Session 1: Small Arms Ammunition Moderator: Fred (Chuck) Parker Arms Control Section, NATO | | | |
| 09:00 – 09:20 | Speaker 1 | Industry | Title 1 |
| 09:20 – 09:40 | Speaker 1 | Industry | Title 2 |
| 09:40 – 10:00 | Speaker 2 | Industry | Title 3 |
| 10:00 – 10:20 | Speaker 3 | Industry | Title 4 |
| 10:20 – 10:45 | <i>Coffee Break</i> | | |
| Session 2: Medium and Large Caliber Ammunition Moderator: Paul Franke Chairman of NAMSA Ammunition Support Partnership | | | |
| 10:50 – 11:10 | Speaker 1 | Industry | Title 1 |
| 11:10 – 11:30 | Speaker 2 | Industry | Title 2 |
| 11:30 – 11:50 | Speaker 3 | Industry | Title 3 |
| 11:50 – 12:10 | Speaker 4 | Industry | Title 4 |
| 12:10 – 12:30 | Q&A Discussion | | |
| 12:30 – 13:30 | <i>Networking Lunch</i> | | |
| Session 3: White Phosphorus Ammunition Moderator: Pierre Gobinet Small Arms Survey | | | |
| 13:30 – 13:50 | Speaker 1 | Industry | Title 1 |
| 13:50 – 14:10 | Speaker 2 | Industry | Title 2 |
| 14:10 – 14:30 | Speaker 3 | Industry | Title 3 |

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|--|----------------------------|----------|---------|
| 14:30 – 14:50 | Speaker 4 | Industry | Title 4 |
| 14:50 – 15:15 | <i>Coffee Break</i> | | |
| Session 4: Others (Mines, Fuzes, Cluster, Pyrotechnics...) | | | |
| Moderator: Thomas Westermann | | | |
| Weapons of Mass Destruction Directorate, Arms Control Cell, SHAPE | | | |
| 15:20 – 15:40 | Speaker 1 | Industry | Title 1 |
| 15:40 – 16:00 | Speaker 2 | Industry | Title 2 |
| 16:00 – 16:20 | Speaker 3 | Industry | Title 3 |
| 16:20 – 16:40 | Speaker 4 | Industry | Title 4 |
| 16:40 – 17:00 | Q&A Discussion | | |
| 17:00 – 17:10 | Closing Remarks | | |

Conference “Mobile Equipments for Ammunition Demilitarization”

Overview of the issue

There are a wide range of scenarios in which ammunition can be demilitarised. These range from major long term programmes in which the munitions are taken to a specially designed industrial processing facilities, all the way through to the needs of the military to dispose of small quantities of ammunition in training locations or operational theatres. Transportation of the munitions to a fixed processing facility can be a significant cost, and in some cases, frustrated by cross border restrictions. Bringing the demilitarisation equipment closer to the munitions can therefore make sense.

On one hand, the Industry community cannot design cost effective equipment without input from the User community. On the other hand, the User community is often unaware of the capability of equipment or of the underlying issues. It has been difficult for any one user to make a business case for mobile technology. Consolidating a requirement would make the case more viable.

Issues for consideration during the conference might include:

- Capabilities of transportable²/mobile³ equipment.
- Type and rate of munitions processed.
- Flexibility to handle different types of munitions or rates.
- Modularity of the system or design options.
- Waste streams produced and level of pollution control equipment.
- Resources required eg fuel, power, manpower to prepare the munitions, operate the equipment and handle the waste streams.
- Training and maintenance regime – what is required by the User or how much could be provided by the contractor.
- Level of health, safety and environmental compliance required for temporary or mobile equipment. Need or otherwise for compliance of pollution control system with EU Directives relating to incinerators. National certification requirements.
- Guideline costs. Ownership models, ie leasing, outright purchase. Ownership by an international organisation with deployment to a series of locations. Return on capital.

² Transportable defined as mobile equipment that can be set up on site with minimal preparation within 7 days

³ Mobile defined as self contained equipment on wheels or ISO container based with no site preparation and ready to operate within 1 to 2 day.

- Ease of importing and deployment. Use in operational theatres with minimal facilities and security restrictions. Use to temporarily complement/enhance existing industrial demilitarisation facilities.
- Concept of a Regional Asset, ie what would be a workable solution for an organisation to own/lease equipment that could be rotated through different munitions locations within one country then moved, after say one year, to a neighbouring nation. This would address the disposal of small parcels of an ammunition nature that would not justify the establishment of a fixed industrial line in one or more nations.
- Solutions for materials requiring special handling such as White Phosphorous (WP) filled munitions. Such equipment would need process the WP to an inert state not requiring special handling (ie a non-hazardous material with the minimum of resources) as a hazardous material. For some situations nevertheless where there is a viable disposal route for packaged WP, the option to produce WP might be considered. The equipment does not have to process the energetic components, instead repackaging them for disposal elsewhere alongside other fuzes, igniters, boosters etc.

The Conference will not cover:

- The established fixed installations commercial demilitarisation market,
- Unproven technology,
- Contained detonation chambers (unless it can be shown to be able to process logistic quantities cost effectively),
- Specialist equipment for chemical munitions.

Conference Registration
For
Conference “Mobile Equipments for Ammunition Demilitarization”
31 May 2012, NAMSA, Capellen, Luxembourg

Please complete and return to namsamead@namsa.nato.int by no later than 14 May 2012.

PARTICIPANT, please complete by **PRINTING CLEARLY** in **BLOCK CAPITAL** letters.

MR.
 MS.
 MRS.
FAMILY NAME, FIRST NAME

COUNTRY:
.....
.....

FUNCTION:
.....
.....

NAME OF ORGANISATION AND ADDRESS:
.....
.....
.....
TelephoneFax
E-mail.....

PRESENTATION TITLE (if applicable):
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