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OPEN LITERATURE

2011

- O-149 Superior Infrared Flare Compositions Based on Magnesium Diboride (MgB_2) and Dimagnesium Silicide (Mg_2Si)/Polytetrafluoroethylene/Viton Infrared Decoy Flare by Dr Ernst-Christian Koch, Arno Hahma, Volker Weiser, Evelin Roth and Sebastian Knapp, July 2012
- O-148 IM Technology Gaps Workshop – Gum Propulsion Technology by Emmanuel Schultz, Dr Pierre-François Péron, June 2012
- O-147 S3 Standardisation by Michael W. Sharp, November 2011
- O-146 Combustion Behaviour of Binary Pyrolants Based on Mg, MgH_2 , MgB_2 , Mg_3N_2 , Mg_2Si and Polytetrafluoroethylene by Ernst-Christian Koch, Volker Weiser, Evelin Roth and Stefan Kelzenberg, Fraunhofer Institut für Chemische Technologie, Pfinztal, Germany, November 2011
- O-145 Consideration of some 4f-Metals as New Flare Fuels – Europium, Samarium, Thulium and Ytterbium by, Ernst-Christian Koch, Volker Weiser, Evelin Roth and Stefan Kelzenberg, Fraunhofer Institut für Chemische Technologie, Pfinztal, Germany, November 2011
- O-144 Combustion Behaviour of MTV Under Reduced Atmospheric Pressure by, Ernst-Christian Koch, V. Weiser, E. Roth, S. Knapp and A. Raab, Fraunhofer Institut für Chemische Technologie ICT, Pfinztal, Germany, November 2011
- O-143 Implementing NATO Guidelines in Multi-National Operations by, Thomas N. Taylor, November 2011
- O-142 MSIAC IM Databases: An Efficient Tool to Assess IM Signature by, Pierre-François Péron, November 2011
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- O-139 MSIAC: Contributions to Munitions Safety, Environmental Response and Design for Safety, disposal and Demilitarisation by, Roger Swanson, November 2011
- O-138 Review on Thermochemical Codes by Dr Ernst-Christian Koch and Rutger Webb, TNO, Netherlands and Volker Weiser, Fraunhofer-ICT, Germany, February 2011
- O-137 Marking Munitions by Thomas N. Taylor, February 2011

2010

- O-136 MSIAC Audit Procedures of IM and IM/HC Testing Organisations' Capabilities and Competences by Pierre Archambault, October 2010
- O-135 Changes to UN Test Series 7 for Hazard Division 1.6 Explosive Articles by Dr Michael W. Sharp, October 2010
- O-134 MSIAC IM Databases - An Efficient Toolbox to Assess IM Signature by Dr Pierre-François Péron, October 2010
- O-133 Synoptic Review on Insensitive Explosive Molecules by Ernst-Christian Koch & Pierre-François Péron, August 2010
- O-132 Combustion Properties of Blackbody Infrared Compositions Based on Perfluoroalkylated Tetrazolates, Magnesium and Viton® by Ernst-Christian Koch, Thomas M. Klapötke, Henrik Radies, Susanne Scheutzwow, University of Munich and Arno Hahma, Diehl BGT Defence GmbH & Co., August 2010
- O-131 MSIAC and its Contributions to Munitions Safety by Roger L. Swanson, July 2010
- O-130 Quantity Distance (QD) Hazard Analysis on Deployed Missions by Thomas N. Taylor, July 2010
- O-129 Changes to United Nations Test Series 7 For Hazard Division 1.6 Explosive Articles by Michael Sharp & Mr Brent Knoblett, DDESB, USA, July 2010

2009

- O-128 A Briefing on the Munitions Safety Information Analysis Center and a Munitions Safety Timeline by Bernie Halls, November 2009
- O-127 IM In a Deployed Environment by Thomas N. Taylor, November 2009
- O-126 TEMPER: 2009 Development Roadmap by Emmanuel Lapébie, CEG, France; Nicolas Daly CRB, France & Pierre-François Péron, June 2009
- O-125 IM Response Descriptors – An Update for Assessment Processes by Dr Thomas Eich, BWB, Germany; Michael Sharp, DES, UK; Thomas Swierk, NSWC, USA & Bernie Halls, October 2009
- O-124 Modelling of Warhead Response to Projectile Impact with TEMPER Software by Emmanuel Lapébie, CEG, France; Frédéric Grannec, France & Pierre-François Péron, June 2009
- O-123 HEAT & DARTS – Slow Cook Off, Fast Cook Off, Shaped Charge Jet Impact – Test Results Databases by Pierre Archambault, June 2009

2008

- O-122 Multi-National Data Exchange by Thomas N. Taylor, September 2008
- O-121 Magnesium/Xenon(II) Fluoride (MAX) - A New High Energy Density Material by Ernst-Christian Koch, & Volker Weiser, Evelin Roth & Stefan Kelzenberg (Fraunhofer Institut für Chemische Technologie (ICT), Germany
- O-120 Sensitivity of Pyrotechnic Countermeasure Ammunition by Ernst-Christian Koch, July 2008
- O-119 Towards Safer Munitions with MSIAC by Patrick Touzé, June 2008

2007

- O-118 BIRD, FRAID and SYR IM Test Results Databases by Pierre-François Péron, October 2007
- O-117 NATO/PFP/MD Nations' Efforts to Collaborate on Explosion Effects Testing and Modeling by John Tatom, APT Research, USA and Eric Deschambault, October 2007
- O-116 TEMPER Software from v1.0 to v2.0 (Toolbox for Engineering Models to Predict Explosive Reactions) by Emmanuel Lapébie & Gérard Baudin, CEG Gramat, France, Frédéric Peugeot, NAMSA, Luxembourg and Pierre-François Péron, October 2007
- O-115 Status of Reduced Vulnerability Gun Propellants by Pierre Archambault, October 2007

- O-114 The European Union's Strategy for the Protection of Public Structures against Terrorist Explosive Devices - A Review by Rick Krosenbrink and Jody Borgers, Netherlands Defence Academy & Eric Deschambault, October 2007
- O-113 NATO and the Environmental Impact of Munitions by Pierre Archambault, August 2007
- O-112 Lessons from the RS-RDX Round Robin for Future Insensitive Energetic Materials by Ruth M. Doherty (NSWC-IHD, USA) & Duncan Watt, March 2007

2006

- O-111 Development of NATO STANAGs and Related Documents for Energetic Materials by Ruth M. Doherty (NSWC-IHD, USA), Lori A. Nock (NSWC-IHD, USA), Darko Topler (WTD-91, DEU) & Duncan Watt, July 2006
- O-110 MSIAC Workshop on Debris Data, Analysis and Modeling by Eric Deschambault & Michael Swisdak (NSWC-IHD, USA), August 2006
- O-86 (Rev) Insensitive Munitions (IM) – A Key Aspect of Improved Munitions Safety by Eric Deschambault, Patrick Touzé & Duncan Watt, July 2006
- O-109 Reduced Sensitivity RDX Round Robin Programme – Update by Ruth Doherty, Lori Nock (NSWC-IHD, USA) & Duncan Watt, July 2006
- O-108 Bullet Impact Results Database by Frédéric Peugeot, April 2006
- O-107 Safety Assessment Software (SAS) by Bernie Halls, April 2006
- O-106 Relationships Between UN Transportation Test and NATO SsD 1.2.3 and IM Tests by Eric Deschambault, April 2006
- O-105 TEMPER: A Toolbox for Engineering Models to Predict Explosive Reactions by Emmanuel Lapébie (DGA, FR) & Frédéric Peugeot, April 2006
- O-104 Overview of MSIAC Workshop Examining the Effect of Ageing Upon Insensitive Munitions Across the Life Cycle and the Status of Subsequent IM Ageing Effort, Ed. 2 by Eric Deschambault, Frédéric Peugeot, Patrick Touzé & Duncan Watt, July 2006

2005

- O-103 Review of the Use of HTPE IN rocket Motor Propellants by Ian Powell, Duncan Watt & Michael Fisher, November 2005
- O-102 The NATO Munitions Safety Analysis Center (MSIAC) Versions 1, 2, 3 & 4
- O-101 Camp Doha Accident presentation and video
- O-100 Reduced vulnerability Minimum Smoke Propellants for Tactical Rocket Motors by Ian Powell, August 2005
- O-99 A Comparison of Vulnerability and Performance of Insensitive Munitions (IM) and Non-IM Directed Energy Warheads by Frédéric Peugeot, Ian Powell & Sjoerd de Bruijn, RMNL, August 2005
- O-82 Energetic Materials for Insensitive Munitions Suppliers Catalogue by Duncan Watt, January 2005

2004

- O-98 Reduced Sensitivity RDX Round Robin Programme by Ruth Doherty & Duncan Watt, December 2004
- O-97 New and Evolving IM Threats by Pascal Marchandin, December 2004
- O-96 A Review of Thermobarics Solid Fuel Air Explosive (SFAE) and Reactive Materials by Pascal Marchandin & Ian Powell, December 2004
- O-95 A Review of the Recent IM Design Technology Workshop by Ian Powell, December 2004
- O-94 Insensitive Munitions: the Effect of Ageing Upon Life Cycle by Duncan Watt, December 2004
- O-93 Effect of Ageing Upon Insensitive Munitions by D. Watt, August 2004
- O-92 The Evolution of NIMIC to MSIAC: New Services & Products to Support the International Munitions Safety Community by Pascal Marchandin, Frédéric Peugeot, Patrick Touzé and Duncan Watt, August 2004
- O-91 The NIMIC Cost Benefit Analysis Model: CBAM 2.0 by Pascal Marchandin, August 2004
- O-90 The NIMIC Fragment Impact Database (FRAID) by Frédéric Peugeot, August 2004
- O-89 The NIMIC Excel Worksheet on Gap Tests (NEWGATES) by Frédéric Peugeot, August 2004
- O-88 A Review of the Recent IM Design Technology Workshop by Ian Powell, Pascal Marchandin & Frédéric Peugeot, June 2004
- O-87 Reduced Sensitivity RDX - Where Are We Going? by Duncan Watt, Frédéric Peugeot, Ruth Doherty Michael Sharp & Darko Topler, July 2004
- O-86 Insensitive Munitions - Coming of Age by Ruth Doherty & Duncan Watt, July 2004

2003

- O-85 The NIMIC Cost Benefit Analysis Model: CBAM 2.0 by Pascal Marchandin, December 2003
- O-84 NIMIC Nations Collaborative Efforts in Shock Modelling - Reactive Models for Hydrocode: Past, Present & Future by Frédéric Peugeot, Michael Sharp & the Participants to the NIMIC Shock Modelling Group, September 2003
- O-83 Insensitive Munition Design Principles by Ian Powell, September 2003
- O-82 Energetic Materials for Insensitive Munitions Suppliers Catalogue Version 1 by Lt Rob Elphick & Michael Sharp, April 2003
- O-81 A System Approach to IM for Solid Rocket Motors - Composite Cases and Reduced Sensitivity Propellants by Michael Fisher & Paul Johnsen, March 2003
- O-80 Cost Benefit Analysis Studies of the Introduction of Insensitive Munitions: Is IM Cost of Ownership Cheaper? by Pascal Marchandin & Michael Sharp, March 2003
- O-79 Recommendations for Shape Charged Jet, Munitions Test Procedure, Part 2: Gun Propellants by Frédéric Peugeot, March 2003
- O-78 Ageing and Cook-off - Topics of Interest by Michael Sharp, Frédéric Peugeot & the Cook-off Hazards Working Group (CHWG), March 2003
- O-77 NIMIC in a Transition Phase by Patrick Touzé, March 2003
- O-76 NIMIC Nations Collaborative Efforts in Shock Modelling by Frédéric Peugeot & Michael Sharp, January 2003

2002

- O-75 Intrinsic Benefits of Insensitive Munitions by Pascal Marchandin, December 2002
- O-74 Solid Rocket Propellants for Improved IM Response - Recent Activities in the NIMIC Nations by Michael Fisher & Michael Sharp, 4 October 2002
- O-73 Insensitive Munitions and Ageing by Michael Sharp, 3 October 2002
- O-72 NIMIC Activities by Michael Sharp, August 2002

- O-71 Fragment Impact Testing - A Survey of Current Methods and Recommendations for the Future by Michael Fisher and Frédéric Peugeot, August 2002
- O-70 Insensitive Munitions Methodology - A NIMIC-AC/310 Joint Workshop by Michael Fisher, August 2002
- O-69 Recent NIMIC Workshops and Technical Activities by Michael Fisher, June 2002

2001

- O-68 The NIMIC Energetic Materials Compendium (EMC) by M. Sharp and Michael Fisher, October 2001
- O-67 A Proposed Amendment to the Critical Criterion for Numerical Modellers; The Critical Power Criterion by Peter R. Lee and Frédéric Peugeot, October 2001
- O-66 NIMIC Workshops by M. Sharp and the NIMIC Staff, October 2001
- O-65 The Use of Small-Scale Testing and Modelling in IM Assessment by Michael Sharp, October 2001
- O-64 Fragment Impact Testing Requirement Methods and Issues - Part 1: Representativeness by Michael Fisher and Frédéric Peugeot, October 2001
- O-63 Assessing Risk Associated with the Introduction of Insensitive Munitions by Rod Boulay, October 2001
- O-62 Highlights and Achievements of NIMIC Since November 1999 by Peter R. Lee, October 2001
- O-61 Recommendations for Shaped Charge Jet, Munitions Test Procedure - Part 1: Explosives by Frédéric Peugeot, October 2001
- O-60 Cost Benefit Analysis of the Introduction of Insensitive Munitions by Pascal Marchandin and Michael Sharp, October 2001
- O-59 Enschede - Chronicle of a Disaster (CDROM) by F. Peugeot, August 2001

2000

- O-58 Synopsis of the Small-scale Testing and Modelling Workshop by R. Boulay and M. Sharp, August 2000
- O-57 Assessing the Risk and Cost Benefits Associated with the Introduction of IM by R. Boulay, August 2000
- O-56 The NIMIC Energetic Materials Compendium (EMC) by M. Sharp and M. Fisher, January 2000
- O-55 The NIMIC Contribution to the Small-scale Testing and Modelling Workshop by M. Sharp and P. Touzé, January 2000

1999

- O-54 THAMES 3.0, The Threat and Hazard Assessment Methodology System by R. Boulay and G. Mannessen, December 1999
- O-53 A Connection Between Shock Sensitivity, Ignition Sensitiveness and System Explosiveness by P.R. Lee, December 1999
- O-52 Composite Case Technology for Tactical Rocket Motors: Overcoming the Technical Roadblocks by M. Fisher, November 1999
- O-51 Guidance Methodology for Conducting Threat and Hazard Assessment, edited by R. Boulay, January 2000 (orig. L-paper by J.deW FitzGerald-Smith)
- O-50 Outline of the NIMIC Workshop on Small-scale Testing and Modelling by P.R. Lee, January 2000
- O-49 Risk Assessment, IM Assessment and Collateral Damage by R. Boulay, December 1999
- O-48 NIMIC's Approach to Threat Assessment by R. Boulay, August 1999
- O-47 Les documents normatifs de l'OTAN en matière de muratisation: Propositions d'évolutions issues des ateliers NIMIC by P. Touzé, March 1999
- O-46 The Proposed Full-scale Test Procedures for IM Testing by R. Boulay, January 1999

1998

- O-45 Training Course Report - Part 1: General Presentation on NIMIC and THAMES (French) by O. Nold, August 1998
- O-44(Rev) Can Insensitive Munitions & Hazard Classification Testing be Harmonized? (Revised) by R. Boulay and P. Touzé, November 1998
- O-43 The Safety Assessment of Insensitive Munitions by R. Boulay, July 1998
- O-42(Rev) A Synopsis of the NIMIC Workshop on Insensitive Munitions (IM) Testing by P. Touzé, R. Boulay, J. deW FitzGerald-Smith, M. Sharp, July 1998
- O-41 THAMES 3.0 - The Window to Threat Hazard Assessment (Version 2) by J. deW FitzGerald-smith and G. Mannessen, April 1998

1997

- O-40 IM Testing - Response Descriptors by P. Touzé, November 1997
- O-39 Some questions about Insensitive Munitions Definitions Assessment and Testing to Impact Stimuli by P. Touzé, R. Boulay and A. O'Donoghue, November 1997
- O-38 The NIMIC IM Testing Approach by J. deW FitzGerald-Smith and A. Sanderson, November 1997
- O-37 THAMES 3.0, The Window to Threat Hazard Assessment by J. deW FitzGerald-Smith and G. Mannessen, November 1997
- O-36 Best Practices for IM Testing by B. Stokes, November 1997
- O-35 A New Approach to Assessment and Design of Insensitive Munitions by Analysis of Critical Mechanisms that may be Initiated by Unplanned Stimuli by A. Sanderson, November 1997
- O-34 Summary of 1997 NIMIC Workshop on Testing of Fast Heating, Slow Heating and Sympathetic Reactions: US Perspectives by B. Stokes, A. Sanderson, J. deW FitzGerald-Smith, R. Boulay and P. Touzé, November 1997
- O-33 Workshop on Insensitive Munitions Testing - Report on Phase 1 by R. Boulay, J. deW FitzGerald-Smith, A. Sanderson, B. Stokes and P. Touzé, November 1997
- O-32 NIMIC Insensitive Munitions Award by the NIMIC Staff, September 1997
- O-31 Summary of the NIMIC Workshop on Shaped Charge Jet Impingement on Energetic Materials and Munitions by P. Touzé, April 1997

1996

- O-30 NIMIC: From a Center of IM Information to its Involvement in Weapons Development by B. Stokes, A. Sanderson, J. deW FitzGerald-Smith, P. Kernén and P. Touzé, December 1996
- O-29 A New Approach to Assessment and Design of Insensitive Munitions by Analysis of Critical Mechanisms that may be Initiated by Unplanned Stimuli by A. Sanderson and E. Thivillier, September 1996
- O-28 ASTRID: The Ammunition Safety Test Reports International Database by P. Kernén, August 1996
- O-27 Insensitive Munitions National Policies - An Overview by M. Thévenin, March 1996

- O-26 Analysing Potential Threats and Hazards to Military Munitions Using THAMES (Version 2.0) by J. deW FitzGerald-Smith and C. Lalancette, March 1996
- O-25 A New Approach to Assessment and Design of Insensitive Munitions by Analysis of Critical Response Mechanisms to Unplanned Stimuli by A. Sanderson, March 1996
- O-24 Summary of NIMIC 1995 Workshop on Sympathetic Reactions Between Munitions by P. Kernen, J. deW FitzGerald-Smith, A. Sanderson, B. Stokes and P. Touzé, March 1996
- O-23 Ways and Methods to Insensitive Munition: IM Recipes, Version 2 by P. Kernen, March 1996
- O-22 Guidance on Development, Assessment and Testing of Insensitive Munitions by J. deW FitzGerald-Smith, March 1996

1995

- O-21 A Methodology Software for Evaluating Potential Threat Hazards to Military Munitions (THAMES Version 2.0) by C. Lalancette and J. FitzGerald-Smith, October 1995
- O-20 NIMIC: Why? How? by M. Défourneaux, June 1995 (Replaces O-17, O-5, O-3, O-2 and O-1) Exists in French and Spanish.
- O-19 PAMMIS: NIMIC Achievements and Perspectives by P. Kernen, June 1995
- O-18 Studying Explosive Munitions as Ballistic Targets by M. Défourneaux, May 1995

1994

- O-17 NIMIC: An International Cooperation for Less Vulnerable Munitions by M. Défourneaux, November 1994
- O-16 What Makes a Useable New Energetic Material? by A. Sanderson, October 1994
- O-15 A Statistical Analysis of Safety Test Results and Implications for Insensitive Munitions by C. Bodart and P. Kernen, August 1994
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- O-13 Streamlining Safety Testing for Munitions by M. Défourneaux, August 1994
- O-12 About the Misuse of Detonation Velocities for the Characterization of High Explosives by M. Défourneaux, June 1994
- O-11 Ways and Methods to Insensitive Munitions: IM Recipes - Version 1 by P. Kernen, June 1994
- O-10 Overview of National Policies and International Cooperations on IM by M. Défourneaux, June 1994
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1993

- O-06 A Cooperation Programme for the Characterisation of New Energetic Materials by A. Sanderson, June 1993

1992

- O-05 NIMIC: An International Cooperation Center for the Benefit of IM (Bilingual) by M. Défourneaux, October 1992
- O-04 Think Before Testing! by M. Défourneaux and P. Kernen, August 1992
- O-03 NIMIC: An Evolution to a Revolution by D. Blue, E. Daugherty, M. Défourneaux and B. Stokes, June 1992

1991

- O-02 NATO Insensitive Munitions Information Center (NIMIC) by E. Daugherty and M. Défourneaux, October 1991
- O-01 Le NIMIC by M. Défourneaux, October 1991

LIMITED LITERATURE

2011

- L-177 MSIAC Comments on the Austrian 155mm Flick Ramming Accident by Dr Michael W. Sharp, November 2011
- L-176 MSIAC Draft Guidance Note on the S3 Assessment of Mitigation devices by Dr Michael W. Sharp, November 2011
- L-175 Insensitive Explosive Materials: VII – Guanylurea Dinitramide GUDN by Ernst-Christian Koch, November 2011
- L-174 Insensitive Explosive Munitions Technology Gaps Workshop by Pierre-François Péron, August 2011 (MSIAC RESTRICTED)
- L-173 Insensitive Explosive Materials: V - New Less Sensitive Energetic Materials by Dr Ernst-Christian Koch, August 2011
- L-169 Ed. 2 Compendium of Interior Ballistic Codes for Guns by Pierre Archambault, July 2011
- L-172 Rev. Insensitive Explosive Materials: III - 2,3' - Diamino-4,4' - Azoxyfurazan - DAAF by Dr Ernst-Christian Koch, July 2011
- L-139 Ed. 2 TEMPER V2.2 - User's Manual by Dr Pierre-François Péron, May 2011
- L-137 Ed.2 TEMPER Tutorial V2.2 by Dr Pierre-François Péron, May 2011
- L-171 Insensitive Explosive Materials: IV - Azoxytriazolon by Dr Ernst-Christian Koch, February 2011
- L-170 Bullet Impact Results Database (BIRD) V1.4 User Guide by Dr Pierre-François Péron, January 2011

2010

- L-169 Compendium of Interior Ballistic Codes for Guns by Pierre Archambault, October 2010
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- L-167 Fragment Impact Database (FRAID) Version 1.10 - User Guide by Dr Pierre-François Péron, August 2010
- L-166 Review of Expendable Infrared Countermeasures by Dr Ernst-Christian Koch, July 2010 (For Government Agencies Only)
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- L-164 Calculated Detonation Performance of Nitro- and Nitro-/Amino-Substituted Borazene, Borazine and Iminoborane by Dr Ernst-Christian Koch, June 2010
- L-163 Insensitive Explosive Materials: III. Brief Status of IHE Materials Currently Considered by Dr Ernst-Christian Koch, March 2010

2009

- L-162 Sensitivity of Nanoscale Energetic Materials 2, Fuels, Pyrolants and Propellants by Dr Ernst-Christian Koch & Dirk Schaffner, Trainee, Technical University of Kaiserslautern, Germany, December 2009
- L-161 IM Design Technologies – Gun Propellants by Pierre Archambault, December, 2009 (MSIAC RESTRICTED - For Government Agencies Only)
- L-160 The Relation Between Sensitivity Parameters and the Molecular Structure of Energetic Materials by Susanne Scheutzow, Trainee, University of Munich, October 2009
- L-159 Insensitive Explosive Materials: 2. 2,6-Diamino-3,5-Dinitro-1,4-Pyrazine-1-Oxide ANPZO by Dr Ernst-Christian Koch, October 2009
- L-158 Sensitivity of Nanoscale Energetic Materials 1, High Explosives by Dr Ernst-Christian Koch & Dirk Schaffner, Trainee, Technical University of Kaiserslautern, Germany, June 2009
- L-146 Ed. 2 HEAT - Fast & Slow Cook Off Database Version V1.0 - User's Manual by Pierre Archambault, December 2009
- L-157 IM State-of-the-Art on Mortar Shells by Dr Pierre-François Péron, October 2009
- L-148 Ed. 2 NEWGATES Version 1.8 User Guide Edition 2 by Dr Pierre-François Péron, September 2009
- L-156 The Counter-IED Efforts of the Dutch Forces – A Review of the IED Counter-measures Implemented by the Dutch Forces by Paul van der Veer, Sub-Lieutenant of the Engineers, RNLMA, June 2009
- L-150 Ed. 2 MSIAC Audit Procedure of IM Test Organization Capabilities Edition 2 by Pierre Archambault, August 2009 (Releasable to AC/326 Nations)
- L-155 Survey on State-of-the-Art Near-Infrared Emitting Compositions for Flares and Tracers by Dr Ernst-Christian Koch, March 2009
- L-154 Sub-Scale vulnerability Testing for Granular Propellants by Pierre Archambault, April 2009
- L-153 Insensitive Munitions Response Descriptors Summary Report by Dr T. Eich, BWB, Germany; Mr S. Bordachar, DGA/IPE, France; Mr T. Swierk, NSWC, USA; Mr M. Sharp, DOSG, UK & Bernie Halls, March 2009
- L-152 155mm HE Artillery Shells IM State of the Art by Dr Pierre-François Péron, February 2009 (MSIAC RESTRICTED)
- L-151 DARTS – Database of Ammunition Reaction Trials to Shaped Charge Aggression Version 1.0 User Guide by Dr Pierre-François Péron, December 2009
- L-150 MSIAC Audit Procedure of IM Test Organization Capabilities by Pierre Archambault, January 2009 (Releasable to AC/326 Nations)

2008

- L-149 Sympathetic Reaction (SYR) Database Version 1.2 User Guide by Dr Pierre-François Péron, December 2008
- L-148 GAP Tests (NEWGATES) Version 1.6 User's Manual by Dr Pierre François, December 2008
- L-147 Insensitive Munitions Response Descriptors Technical Meeting - Summary Report by Tom Swierk & Bernie Halls, September 2008
- L-146 HEAT - Fast & Slow Cook Off Database Version V1.0 - User's Manual by Pierre Archambault, September 2008 (DRAFT)
- L-145 Explosion Effects Software by Thomas N. Taylor, September 2008
- L-144 Munitions Safety and Standardization Database (MSAS) - User Manual by Vebjørn Hanssen, July 2008
- L-143 Synthesis Report - NATO Activities Related to Munitions Safety and Standardisation & Munitions Safety and Standardisation (MSAS) Database by Vebjørn Hanssen, July 2008
- L-142 Insensitive Explosive Materials: 1. 4,10-Dinitro-2,6,8,12-Tetraoxo-4,10-Diazatetracyclo-[5.5.0.5-5,9⁰3,11]Dodecane - TEX by Ernst-Christian Koch, March 2008
- L-141 Reduced Environmental Impact Munitions and Insensitive Munitions by Pierre Archambault, September 2008 (For Government Agencies Only)
- L-140 IM Design Technology - Payloads by Pierre-François Péron, July 2008 (MSIAC RESTRICTED)

2007

- L-139 TEMPER v2.0 - User's Manual by Emmanuel Lapébie, October 2007
- L-138 Implementation of New Stimulus and Model in TEMPER v2.0 by Pierre-François Péron, October 2007
- L-137 TEMPER Tutorial V2.0 by Pierre-François Péron, October 2007
- L-86 Ed. 2 Fragment Impact Testing: MSIAC's Review and Proposal by Michael Fisher, Frédéric Peugeot & updated by Pierre Archambault, September 2007
- L-131 Ed.2 Implementing a Sympathetic Reaction Analytical Model in TEMPER: Setting the Stage by Frédéric Peugeot, Leslie Nyogeri (DOSG, UK) & Pierre-François Péron, August 2007
- L-136 European Anti-terrorism Protective Construction Strategy by Rick Krosenbrink & Eric Deschambault, June 2007
- L-135 Status of Available Reduced Vulnerability Gun Propellants by Duncan Watt & Pierre Archambault, June 2007 (For Government Agencies Only)

2006

- L-134 Proceedings from the Analysis and Modeling Working Group Meeting by Eric Deschambault, September 2006 (CDROM by request)
- L-133 Suggestions for Harmonisation of AC/326 and UN Explosive Substance Tests by Duncan Watt & Richard Bouma (TNO, NL), October 2006
- L-132 TNT Equivalency: Misconceptions and Reality by Frédéric Peugeot, Eric Deschambault & Pierre-François Péron, October 2006
- L-131 Implementing a Sympathetic Reaction Analytical Model in TEMPER: Setting the Stage by Frédéric Peugeot, Leslie Nyogeri (DOSG, UK) & Pierre-François Péron
- L-130 Minutes of the RS-RDX Round Robin (R4) Technical Meeting, ICT 2006 by R. Doherty (NSWC-IHD, US) & D. Watt, July 2006
- L-129 Minutes of the RS-RDX Round Robin (R4) Technical Meeting by R. Doherty (NSWC-IHD, US) & D. Watt, May 2006
- L-128 CBAM Survey of Cost and Benefit Analysis Model (CBAM) Holders by E. Deschambault, March 2006
- L-127 RS-RDX Round Robin Preliminary Results Analysis by R. Doherty (NSWC, IHD, US), L. Nock (NSWC, IHD, US) & D. Watt, March 2006
- L-126 Designing for IM by F. Peugeot, I. Powell & D. Watt, February 2006
- L-125 Rocket Propellant Critical Diameter Issues by F. Peugeot, February 2006
- L-124 Rapid IM Priorisation Methodology by F. Peugeot & I. Powell, January 2006
- L-123 Minutes of the Workshop on Debris Data, Analysis and Modelling by E. Deschambault, February 2006
- L-122 Defence Against Terrorism: Identification of the Most Credible Terrorist Standoff Weapons by F. Peugeot & S. de Bruijn (RNLMA, NL), January 2006
- L-121 Minutes of the IM Ageing Meeting held in Melbourne, Australia on 7 November 2005 by D. Watt & E. Deschambault, February 2006
- L-120 A Review of Electroexplosive Device Technologies by F. Peugeot, February 2006
- L-119 A Review of Fuze Booster Compositions for Use in IM Applications by F. Peugeot, January 2006
- L-118 A Review of Demilitarisation and Disposal Techniques for Munitions and Related Materials by J. Wilkinson (RAN) & D. Watt, January 2006
- L-117 The MSIAC Modified Sympathetic Reaction and Shaped Charge Jet Impact TTCP WAG-11 Protocols by F. Peugeot, January 2006

2005

- L106 Ed. 2 Directory of Insensitive Munitions Testing Facilities, 2nd Edition by F. Peugeot & M. Fisher, August 2005
- L-116 A Review of the Use of HTPe IN Rocket Motor Propellants by I. Powell & M. Fisher, July 2005
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