



**Official Minutes**  
**12<sup>th</sup> Pacific Area Cataloguing Seminar Meeting Agenda**  
**Sydney, Australia – April 27-29, 2010**

**April 27: Industry Forum**

The purpose of this forum is to explore the mutual benefits industry and government can derive in working together related to codification. It is organized in the context of AC/135's collaboration with industry on ISO standards 22745 and 8000, and the emphasis will be on companies that have adopted those standards or use the standards in their own applications. It also will fulfill an action taken from AC/135 Main Group by the PACS chairman to do an industry forum as a test ahead of the NATO Symposium on Codification that is scheduled for 2011. There is also a trend worldwide for industry partners to have a larger role in providing logistics support for the military, through programs like Performance Based Logistics and Contractor Logistics support. Further, we are all of the constant new developments in the IT world: There are new software or hardware applications on the market that could improve NCS processes, perhaps in ways that we are not even aware of. As AC/135 embarks on the modernization of the NCS, the committee and all its member nations are looking for new ideas that could help the NCS improve in efficiency, data quality, and integration with industry.

TIME	PROGRAM	SPEAKER
08:30~08:45	Registration	
08:45~09:00	Welcoming Remarks	PACS Chairman
09:00~09:15	Opening Address	Brigadier David Saul, Director General, Strategic Logistics Branch, Joint Logistics Command
<b>Presentations (Session 1)</b>		
09:15~09:35	The NATO AC/135 Strategic Plan and Smart STEP Codification Project	Gilles Vergnerie, NAMSA
09:35~09:55	NATO Codification System Modernization: An Overview	Steven Arnett, DLIS PACS Secretary
09:55~10:15	FLIS Transformation	Melissa Phillips, DLIS
10:15~10:45	Coffee Break	
10:45~11:00	Recent Developments within ECCMA	Pieter Strydom, Board of Directors, ECCMA
11:00~11:15	PiLog: Integrating a Global Government ERP System with an ISO 22745/ eOTD based Item Identification (II) System in South Africa	Pieter Strydom, PiLog
11:15~11:30	ESG: AECMA SPEC 2000M and the NATO Codification System	Alexander Auen
11:30~11:45	AURA: From Theory to Practice: MC CATALOGUE – a Bridge between NATO Codification and Industry Using ISO 22745	Miroslav Padalik
11:45~12:00	Logica: Integrating ISO 22745 into the NATO Codification System Application ISIS	Daryl Shippey
12:00~13:15	Luncheon	Hosted by NCB Australia
13:15~13:30	Epica: Master Data validation for the South African National Codification Bureau	Andy Brittain

13:30~13:45	Oniqua: Data Quality And Standardisation Initiatives Within Government	Rob Dixon
13:45~14:00	Quadrem: A Practical Approach to ISO 22745 in Commercial Industry	Max Batinti
14:00~14:15	Dytecna	Lorraine Biggs
14:15~14:30	GS1: Global Supply Chain Standards and Defence	Richard Jones
14:30~14:45	Mincom: Logistics Transformation Software	Chris Edwards
14:45~15:15	Coffee Break	
15:15~16:30	Round Table Discussion: Challenges and Opportunities of Implementing ISO Standards 22745 and 8000	Paul Kenworthy, PACS Chairman, Moderator

## Opening Remarks and Welcome

The chairman made opening remarks and delegates introduced themselves around the room. Rear Admiral Gunadi, Director General for Defence Facilities in Indonesia offered during their introduction to host next year's meeting at Bali Island. In his welcoming remarks BG Saul emphasized the importance he puts on the goals of PASOLS, the parent group that sponsors PACS. He further noted the significance of having an industry forum and mentioned that it is in line with the worldwide trend of industry and government working together to achieve the goals of defense.

The chairman mentioned that the chairman of AC/135, George Bond, meant to attend and deliver the AC/135 presentations, but was not able to attend because of a health issue. In his place the AC/135 presentations were delivered by Gilles Vergnerie, the chief of the codification section at NAMSA.

## The NATO AC/135 Strategic Plan and Smart STEP Codification Project

Mr. Vergnerie began his presentation by noting the vision of AC/135 and its core mission. He noted the increasing role of AC/135 in integrated logistics and supporting related initiatives such as Unique Identification (UID)/NSN and Reportable Item Code (RIC)/NSN linkage. He further noted the role of codification in life cycle management through AC/327. He went on to discuss AC/135 cooperation with industry and its involvement in the development and testing of ISO standards 22745 and 8000, which will facilitate automated exchange of product information between government and suppliers in the future.

**Presentation included on PACS XII DVD.**

## NATO Codification System Modernization: An Overview

Mr. Arnett provided an overview of NCS modernization, detailing the reasons for formation of the NCS Modernization Working Group, its history, and its short and long term plans. He emphasized that input and participation from all countries that are part of the AC/135 community are welcome and that the group's proposals must be approved by the Main Group of AC/135 before they are implemented. **Presentation included on PACS XII DVD.**

## FLIS Transformation

Ms. Phillips provided an overview and explanation of the Federal Logistics Information System (FLIS) transformation being planned by the Defense Logistics Information Service and the U.S. National Codification Bureau, a transformation that parallels in many ways the NCS modernization. **Presentation included on PACS XII DVD.**

## Recent Developments within ECCMA

Pieter Strydom, a member of ECCMA's board of directors, gave this presentation. Mr. Strydom talked about the evolution of the ECCMA Open Technical Dictionary (eOTD) and how "identification guides" has been changed to a concept of "requirements statements." The eOTD is also being expanded to include other areas of business activities like finance, insurance, human resources, and so forth, to cover the entire scope of the data need to operate an enterprise.

Mr. Strydom provided an update on the eOTD Implementer's committees, which bring together the software developers, including NCS software providers ESG, AURA and PiLog. Mr. Strydom also demonstrated the new ontology manager ECCMA is using as a front end to the eOTD, the eIGR (ECCMA Identification Guide Registry) and the eCLR (ECCMA Classification Registry). Using these on-line applications, ECCMA members can create subsets of the eOTD and register identification guides. Furthermore, chairs of the content standardization councils can add new concepts to the eOTD in real time and obtain concept and terminology identifiers. Mr. Strydom also talked about eGOR, the ECCMA Global Organization Registry, and how this is used to create the organization identifiers used by the eOTD and the eGIR. He may also explained the latest version of the PiLog Master Data Acquisition Manager, which supports Cataloging at Source (C@S). **Presentation included on PACS XII DVD.**

### **PiLog: Integrating a Global Government ERP System with an ISO 22745/ eOTD based Item Identification (II) System in South Africa**

Pieter Strydom provided an overview of PiLog and provided details about how the company goes about data cleansing and data organization in line with ISO standards 22745 and 8000. PiLog believes Cataloging at Source (C@S) is the best method for obtaining quality, and he showed graphical slides to illustrate what that means. PiLog signed a contract in December 2009 with the South African government for the supply of an eOTD based Item Identification (II) system integrated with the global government ERP system. It includes the PiLog IG builder and Item Entry Control (IEC) Manager. The lead site is scheduled to be implemented by the end of June 2010. **Presentation included on PACS XII DVD.**

### **ESG: AECMA SPEC 2000M and the NATO Codification System**

After telling the audience about his company, Mr. Auen explained how SPEC 2000M is used throughout Europe, USA, Canada, Australia, and South Africa by well-known industry consortia, aerospace manufacturers/maintenance companies, and customers from the public sector. One sub-process of the SPEC 2000M process is NATO codification. There have also been ongoing discussions to include ISO 22745 and 8000 as well as XML into SPEC 2000M. The ESG presentation provided an overview of a well established standard for communication between industry and NCBS and gave an outlook of a possible future. **Presentation included on PACS XII DVD.**

### **AURA: From Theory to Practice: MC CATALOGUE – a Bridge between NATO Codification and Industry Using ISO 22745**

One of the main goals of this forum is to explore mutual benefits of government and industry resulting from cooperation in the area of codification and adoption of the standards ISO 22745 and 8000. Recently, many meetings and conferences focused on this topic have been organized and many documents have been written. Significant progress

has been made last and this year when the main parts of ISO 8000 and 22745 were published and some software applications adopted these standards. One of the first applications that fully adopted both ISO standards was MC CATALOGUE, mainly known as a smart web-based tool for user-friendly codification according to the NCS standards. Thanks to the built-in ISO 22745 and ISO 8000, MC CATALOGUE represents a bridge between the government and industry in the area of codification.

The example of the steps from theory to practice is the “LMV Smart Codification” pilot project for IVECO initiated by AURA. The concerned NCBs and manufacturers from several countries participate in it. Now the test phase of this project is in progress. Several obstacles have been detected during the pilot projects, e.g. difficulties to find a suitable Item Name Code (INC). The latest improvements of MC CATALOGUE (embedding the UNSPSC classification and support of codification contracts) have overcome them and considerably increased usability of this application not only for NCBs but also for governmental and commercial organizations. **Presentation included on PACS XII DVD.**

### **ISIS, Services to Industry, and SSC3**

Mr. Shippey gave an overview of Logica’s business and relationship to the UK NCB, as well as a description of the Item of Supply Information System (ISIS) software used by the UK as their codification tool. Mr. Shippey brought the PACS delegates up-to-date on the most recent improvements they have made to ISIS. Logica has been involved in the SSC3 project with AC/135 and BAE industries to prove the viability of implementing an eotd-q-xml/eotd-r-xml data exchange between government and suppliers. The results so far indicate a resounding success, with the time reduced to create a fully descriptive NSN from 50 minutes to 10 minutes and a much improved percentage of fully described items compared to traditional cataloging. He demonstrated how ISIS was modified to incorporate eotd-q-xml/eotd-r-xml data exchange. ISIS can now export eotd-q-xml and import eotd-r-xml. **Presentation included on PACS XII DVD.**

### **Epica: Master Data Validation for the South African National Codification Bureau**

Epica Solutions, an Australian owned organisation providing cost effective supply chain concepts and processes to Defence and industry clients. Epica are the only organisation providing direct codification support to the Australian National Codification Bureau. As part of an Australian/African consortium, Epica have recently been involved with the validation of the South African National Defence Forces NATO Stock Number master data, assisting the South African NCB in its move to progress from a Tier 1 to a Tier 2 nation sponsorship within the NATO codification system. The Epica approach has been to initially validate the non-African NSN’s against the NMCRL+ and WebFLIS databases, ensuring NSN currency, characteristic comparisons, NCAGE and reference accuracy, and the registration of South Africa as a user nation for each record. South African records are validated to ensure the Item of Supply concept has been followed, the true manufacturer’s details identified and recorded, and identifying any duplicate records. **Presentation included on PACS XII DVD.**

### **Oniqua: Data Quality and Standardisation Initiatives within Government**

Circa 2000 – New South Wales (NSW) Health spent over \$1.5 billion on capital equipment, services, maintenance support services, and medical and pharmaceutical supplies annually. This was dispersed through 17 Area Health services that had virtual autonomy to administer support and maintain all supply processes and systems. The autonomous

supply structure did not provide the collective critical mass to enable the development of systems and processes utilising advanced and emerging supply chain tools, methods and approaches to effectively leverage NSW Health's expenditure.

NSW Health identified significant potential savings available through the adoption of a whole of NSW Health supply initiative utilising an e-commerce enabled supply chain with improved data standardisation and quality, as a foundation for reform. The introduction of the above strategy into the acute health care supply chain was expected to provide, among others, benefits such as: Improved capacity to identify and order from the diverse and continually changing range of clinical products and reduced errors in the ordering of clinical products through use of a common catalog, incorporating best practice data quality and standards.

Mr. Dixon indicated that companies have not been successful trying to adopt the NCS as is, but that the NCS can be successful for companies if it is adapted to their needs and simplified. Using that concept, Oniqua has successfully implemented an NCS based cataloguing for many companies over a 25 year period. He recognized from the issues Ms. Phillips showed in her presentation that the problems DLIS has identified with the NCS are similar to the ones Oniqua recognized a long time ago. **Presentation included on PACS XII DVD.**

### **Quadrem: A Practical Approach to ISO 22745 in Commercial Industry**

Quadrem launched in 2000 with a global vision — to simplify and streamline the business of doing business. To make that vision a reality, Quadrem develops solutions that remove costs for both buyers and suppliers by “digitising” the many steps involved in buying and selling products and services. Quadrem’s Web-based solutions improve business-to-business transactions — and customers’ bottom lines.

Today, Quadrem is a transaction delivery network that connects more than 60,000 suppliers and 1,500 buyers and handles more than \$20 billion in order throughput annually. Quadrem’s membership includes Global 1000 buyers and suppliers from a variety of industries, as well as suppliers of all sizes located in metropolitan, rural and developing regions around the world. Quadrem’s global offices provide expertise spanning technology, procurement processes, and the change management that accompanies e-procurement initiatives

Quadrem was one of the early adopters of ISO 22745, and in fact trail blazed the CSC (Content Standards Council) processes. Currently Quadrem provides ISO 22745 services to more than 30 customers across 6 continents in 8 different languages. Quadrem shared how commercial Industry approaches and uses ISO 22745. **Presentation included on PACS XII DVD.**

### **Dytecna**

In Ms. Brigg’s presentation, she focused on Dytecna uses of standardization and data quality improvements, along with showing the codification process as it is carried out by the company. Ms. Briggs also talked about the challenges and value added codification provides. **Presentation included on PACS XII DVD.**

## **GS1: Global Supply Chain Standards and Defence**

Mr. Jones gave an overview of GS1, the types of standards they maintain, and the relationship of GTINs to NSNs. He also talked about the Global Data Synchronisation of master data as carried out by GS1net. Further, he described the basic GDSN Network. **Presentation included on PACS XII DVD.**

## **MINCOM: Logistics Transformation Software**

Mr. Edwards provided an overview of MINCOM and its history. He compared the traditional model of military logistics with today's model, which involves contractor involvement at every level, right to the area of operations in theater. He illustrated the different types of military logistics, from the most manual and hard copy intensive to the latest model of joint, integrated logistics. He also showed MINCOM's vision of what the next level of logistics might be in the future. **Presentation included on PACS XII DVD.**

## **Round Table Industry Forum Discussion**

The chairman asked if the companies in the room believe AC/135 is headed in the right direction and has the right vision for the future. Companies and national representatives debated the viability of implementing 22745 and especially whether it would be cost effective for small companies to implement it. Suppliers and manufactures without a standard and cleansed catalog end up wasting vast sums of money. The companies that have cleansed and standardized their catalog data have seen a significant return on investment. It was recognized by the organizations involved in the development of 22745 that the standard would not be adopted widely in industry unless they could use xml catalog data with all their trading partners, not just for providing to government buyers. There was a consensus that nearly all users of catalog data would benefit from shorter, simpler descriptions than what the NCS currently provides.

The chairman asked if the countries at the table thought the industry forum was worthwhile. Nations and company representatives agreed that the day was worthwhile and would be useful for AC/135 to do on a broader international scale. Based on that input, the chairman will recommend that AC/135 host a broader industry forum.

## **April 28-29 PACS Business Meeting**

1. Opening Remarks – *Paul Kenworthy, Chairman, NCB Australia*
2. Update of Point of Contact List – *Chairman and All Delegates*
3. Australian NCB: Now & Future Direction – *Andy Mudie, NCB Australia / Craig Cameron Web & Flo*

Mr. Mudie talked about the vision and purpose of NCB Australia. His presentation included a review of the organization chart of the Defense Materiel Organization and the place of the NCB within it. One of the purposes of NCB Australia is to link the finance and logistics arms of the DMO. The NCB is currently staffed at a level of 64 personnel. Australia has been involved in NATO codification since 1953, having been involved in the creation of the American British Canadian codification program that helped form the basis of the NCS. NCB Australia follows a decentralized model for codification and has codifiers located in a number of places throughout the country. Australia is currently evaluating the future of their CENCAT codification tool, with the possibility that it will be replaced by COTS system

with a few years. NCB Australia has been looking at ways they can added further value to MoD logistics based on a deeper involvement with some of the key elements of the supply chain.

Mr. Mudie's presentation was followed by a presentation from Craig Cameron from the Web and FLO company. Web and Flo was hired by the NCB to improve their codification workflow management. The company was successful in bringing improved tracking and control of workload and thus much better service to the NCB's customers. Mr. Cameron then proceeded to give a demonstration of the eNTR (Electronic NCB Tasking and Reporting) system.

#### **Presentations included on PACS XII DVD.**

4. Approval of Minutes from PACS Forum XI – *Secretary*

5. PACS Newsletter – *Stephen Worth, NCB New Zealand*

Review of last year's issues and solicitation of articles for future issues. Mr. Worth apologized for not publishing any newsletters since the last meeting. He offered on behalf of NCB New Zealand to continue with the duty. He believes the resource situation in the New Zealand NCB will allow him to publish newsletters during the year ahead. The secretary offered to take on the duty if NCB New Zealand finds during the coming months that their resource situation will not allow them to publish a PACS newsletter.

6. PACS Website – *Chairman*

The chairman provided an overview of actions taken since the last meeting to update the PACS website. He talked about plans and there was discussion of possible improvements. Included live demo. The secretary suggested adding the presentations, minutes, and photos from the PACS meetings on the site. New Zealand mentioned that a Google search fails to bring up the link to the PACS Web site. Nations are encouraged to offer ideas about ways to improve the site.

7. Benchmarking Codification Performance – *Andy Mudie, NCB Australia*

At last year's meeting, NCB Australia made a presentation on the internal performance analysis using Key Performance Indicators (KPIs) for productivity, cost, and customer satisfaction. The PACS delegates agreed in principle to implement a codification benchmarking regime and publish results for all members. He hoped this meeting would lead to agreement on codification performance benchmarks for PACS participating nations, an implementation timeframe, and publishing methodology. Mr. Mudie reviewed the history of the discussions of this issue at previous PACS meetings and provided a context for the issue within AC/135. He noted the strong interest of the chairman of AC/135 in this issue. He also provided an overview of the benchmarks currently used by NCB Australia. He noted that their NCB would begin publishing the results of their reports on the PACS Web site. The benchmarks used by the NCB focus on the goals of Productivity, Customer Satisfaction, and Quality. Mr. Mudie mentioned that the average time to codify a new item for their NCB is 40 minutes and the average time for maintenance is 9 minutes.

A lively discussion followed. Mr. Waghorn of New Zealand emphasized the importance of measuring NCBs against each other and establishing goals. Ms. Phillips mentioned that the U.S. has broken out the various processes involved in codification to measure better codifier performance. Mr. Worth suggested publishing Key Performance Indicators (KPIs) on the PACS Web site and trying to determine which countries can provide data on selected

benchmarks. Ms. Phillips mentioned that the new U.S. workflow tools will channel workflow to ensure that suppliers are not contacted multiple times to provide data about the same items. Nations noted there are differences between KPIs internally and those needed for benchmarking among nations.

#### **Presentation included on PACS XII DVD.**

#### 8. AC/135 Main Group Activities – *Gilles Vergnerie (NAMSA)*

Mr. Vergnerie mentioned that he is making presentations meant to be given by the AC/135 chairman, who had to cancel his plans to come to Sydney for the meeting. He then proceeded to give a live demonstration of the AC/135 Web site, which is located at [www.nato.int/codification](http://www.nato.int/codification).

#### **Identified Unique Item Identification**

Mr. Vergnerie talked about the uses and purpose of UID in military logistics and how UID fits into the overall picture of Item Identification. **Presentation included on PACS XII DVD.**

#### **The AC/135 IT Developments**

Mr. Vergnerie talked about the different initiatives underway in AC/135 that are being carried out by NAMSA. These include displaying FIIG drawings in the NMCRL+, links between NSNs and Common Procurement Vocabulary codes, and links between NSNs and UID numbers and many others you will find explained in this presentation. He then went on to talk about IT initiatives that will roll out in the years ahead, such as linking NSNs to photos of items, implementation of Decision Support System software, and linking U.S. pharmaceutical/medical INCs with non-U.S. pharmaceutical/medical INCs. **Presentation included on PACS XII DVD.**

#### 9. Performance Based Logistics/Contractor Logistics Support: The Australian Story - *Wing Commander David Honeyman, Assistant Director SDR, Aerospace Systems Division, Defence Materiel Organisation*

Wing Commander Honeyman talked about the challenges and opportunities of working with the multiple supply chains that have emerged as part of modern logistics. Besides traditional military logistics support for systems, Performance Based Logistics systems and Contractor Logistics Support systems are occurring. Australian system cannot easily support dual management of NSNs. MoD Australia expects to have more PBL/CLS contracts in the future. This issue and the challenges that go with it are relevant to many countries because the use of CLS/PBL has spread around the world. The presentation led to an interesting discussion and consensus that many countries in the room are dealing with the same issues. **Presentation included on PACS XII DVD.**

#### 10. Strategic Logistics Reform in the Australian Department of Defence – *Lieutenant Commander Ed Lawler RANR, Defence Strategic Logistics Reform Program, Joint Logistics Command*

LTC Lawler, a Navy supply officer, talked about the need to integrate new IT applications and systems into Australian defense logistics. He reviewed a number of initiatives already completed or underway that have saved money and increased the effectiveness military logistics. He also talked about the key components of strategic defense reform, as specified in his presentation. Some of the themes he touched on are integrated logistics, best

practice warehousing, improved and streamlined maintenance concepts. Their current group of strategic logistics reforms are scheduled to be implemented by 2013. Automatic Identification Technology will be a key enabler to making the reforms a success, as will better management through scientific use of volumetrics data. **Presentation included on PACS XII DVD.**

11. AC/135 Panel A Activities – *Pierre-Yves Gouriou, Chairman, NATO AC/135 Panel A*

Mr. Gouriou gave an overview of Panel and its place in the NATO hierarchy. He went on to describe how Panel A does business, the nations it includes, and the types of issues it is responsible for. He went on to give an example of how a NATO Codification Systems Change Request is processed through Panel A. He also talked about the expertise required for delegates to actively participate in Panel A meetings. **Presentation included on PACS XII DVD.**

12. Codification and Training Services of NCB France – *Pierre-Yves Gouriou, Chairman, NATO AC/135 Panel A*

Mr. Gouriou began his presentation with an overview of the history and organization of NCB France. He also talked about the international scope of their NCB, including a list of the nations with which it has bilateral agreements. He went on to present information about the SACRAL and ADAGIO systems that support codification, and the SOPRANO system they use to make codification information available to their customers through the Web. The ADAGIO slides included statistics about the numbers of NSNs managed by France on behalf of the 5 nations that are ADAGIO users, including Latvia, Lithuania, Estonia, Croatia, and Morocco. He went on to explain how France assisted Morocco in managing the conversion of their legacy data into NCS format and incorporated it into ADAGIO. He ended his presentation with an overview of the training courses offered by NCB France to other nations. **Presentation included on PACS XII DVD.**

13. 11<sup>th</sup> International Symposium on Codification – *Gilles Vergnerie, (NAMSA)*

Mr. Vergnerie provided an overview of the history and purpose for AC/135 Symposiums, 8 of which have been held since 1960. The last Symposium was held in 2005. A Symposium was scheduled to be held in 2010 in Edinburgh, United Kingdom, but was postponed because of the global economic crisis. It was rescheduled for 2011, but at this point it does not seem realistic that a Symposium can be organized in that year. As a result, the chairman of AC/135 and the Budget and Strategic Plan Committee of AC/135 have proposed instead mini, regional Symposiums. A discussion ensued about the AC/135 proposal. Generally, delegates were skeptical that the regional concept could work. However, it may be feasible to hold a mini-Symposium for the Asia/Pacific region in conjunction with next year's PACS meeting. **Presentation included on PACS XII DVD.**

14. Highlights and Insights from 10<sup>th</sup> Codification Conference in the Russian Federation – *Secretary will deliver on behalf of NCB Russia*

Mr. Arnett gave this presentation on behalf of Russian. It included highlights from the 10<sup>th</sup> codification conference held at the end of September 2009 in Russia, as well as progress Russia has made in the field of codification, its importance to the overall picture of defense export, and the country's plan for applying for Tier 2 NCS sponsorship using the Web-enabled MC CATALGUE software tool. **Presentation included on PACS XII DVD.**

15. National Progress Reports – *All Delegates*

All delegates are invited to present a report on the current situation in their country, with regard to the implementation of the NCS.

**Australia:** The NCB continues to provide codification support to major acquisition projects such as the Air to Air Refuelling, AWACS and Overlander (light, medium & heavy vehicles) projects. Several large projects are nearing the codification phase; these include the Air Warfare Destroyer (AWD) and Landing Helicopter Dock (LHD) projects. The NCB work flow tool (eNTR) is expected to be deployed this Financial Year giving greater flexibility and visibility for both the NCB and its customers in monitoring, managing and delivering codification outcomes to Defence. Internal work assignment is focused on achieving higher levels of data quality from both a NATO and ADF perspective. The ADF inventory management system (SDSS) is about to be upgraded on 01 July 2010, with NCB staff having attended training in the cataloguing elements of the tool (MILIS). The current codification tool (CENCAT) is approaching its life of type and the NCB is commencing the journey of replacement with a COTS codification product.

**Brunei:** Has recently been approved for Tier 1 sponsorship within AC/135. Their focus during the past year has been on the restructuring within their Ministry of Defense and embedding codification into their logistics processes. They have many initiatives in codification underway, including building metrics for codification, which are listed in their national report presentation. \*

**China:** Is making great progress in codification and have recently made important decisions related to codification and classification that will be published shortly. They have translated the H2 and are working on translation of the H6.

**Canada:** Canada is pleased to announce a new NCB Director. Mr. Ernesto de Melo has taken on the honored role of Director. He replaces Thom deNeumoustier as interim Director, effective immediately. Mr. deNeumoustier will become the Chief of the Canadian NCB and continue to act as back-up to Mr. de Melo and when deemed appropriate, will attend MG and BSC with Mr. de Melo. Mr. de Melo comes to the position with strong logistics qualifications and will quickly become an asset to the AC 135 community. Mr. de Melo looks forward to working in AC/135 and expects to be engaged with PACS in the years ahead. **Canadian report given by the secretary.**

**Indonesia:** From last year Indonesia and Malaysia have partnered in an exchange program where staff members from each country spent 4 weeks in the other country. They also sent personnel to MAFCA (Malaysia) and France for training. They plan to conduct a seminar for industry. They are looking for an international speaker for the event from within AC/135. Also, they are shopping for a new system and will decide by the end of the year which COTS application they will select.

**Japan:** Their J4 office has endorsed their involvement in PACS activities. They plan to apply for Tier 1 sponsorship soon and asked PACS members on advice how to proceed. They thanked Korea for the advice and guidance they have provided so far. The chairman mentioned the importance to Japanese sponsorship to making the NCS a truly global system.

**Korea:** Major Ji Mi Lee gave a presentation on changes since the last PACS meeting. A new director, Mr. Kim Yo Yeong, was appointed on 11 August 2009. They have also appointed recently a new International Codification Policy and Administration Officer to facilitate international cooperation. They signed revised MOUs with 4 countries during the past year and have 4 more in progress. The MoD is in the process of developing a new IT system,

which they expect to implement in 2013. Major Lee also gave a review of NCB Korea training during the past year. A Korea Logistics Codification Manual was published in January 2010. She mentioned they are working with Japan on a study for implementing the NCS in Japan. Major Lee also about the Cooperative e-Procurement System implementation by DAPA (Defense Acquisition Program Administration). An interesting aspect of the program is they have set up a cooperative buying system with Indonesia, Israel, and Turkey. Major Lee invited other countries to consider participating in that program. \*

**Malaysia:** Major bin Abd Latiff was recently posted to MAFCA. NCB Malaysia is working on N-CORE implementation with ESG. They ran a series of tests in March that were very successful. They will soon be ready to go live as a Tier 2 country. Main Group has already affirmed that Malaysia will be certified as Tier 2, and it will become official at the May meeting of AC/135.

**New Zealand:** Mr. Worth presented new initiatives in New Zealand, including the new workflow tool. They now have much better tracking and control of codification workload and better KPIs. He showed how they went about creating a simple, cheap, workflow tool using their own resources. He also talked about loss of key personnel at the NCB, an industry forum, and the ECCMA certification training they received. \*

**Papua New Guinea:** Since Seoul, PNG has been discussing a new codification tool with the various codification service providers.

**Singapore:** After a very busy year in 2008, in 2009 they experienced a drop in codification requests of about 20%. They have had difficulty find appropriate training for their codifiers. NCB Singapore will probably send one codifier to France for training within the next year.

**Thailand:** Showed a video documenting the history and current status of the NCS in Thailand. **Video included on PACS XII DVD.**

**United States:** The 2010 edition of the NCB College will be held 16 August through 17 September. Currently, 10 students from 7 countries are scheduled to attend in 2010. The program director of the college since its inception, John Zellers, has received a promotion and has left the NCB for another job within DLIS. For 2010, Steve Arnett will assume the title of NCB college program director, and the work of preparing for and executing the college will be carried out by the entire NCB team.

The U.S. NCB sent two people to Israel 7-18 February 2010 to the Tzrifin Logistics Training Base located near Tel Aviv, Israel. The purpose of the trip was to provide NATO Codification System training to the Israeli Defense Force (IDF). The 24 students included members of the Israeli Army, Air Force, Navy, and the Intelligence, Supply, Technology and NCB areas.

DLIS continues to maintain a dialog with US officials in Afghanistan and Iraq related to those countries' efforts to adopt the NCS as part of a larger effort to build logistics systems based on modern concepts. A major and high level study commissioned by the US Department of Defense identified the need of a standardized codification system to be crucial for Iraq to build a modern logistics structure and recommended that Iraq adopt the NCS.

DLIS has appointed a new Deputy Director, Nathaniel Robinson, who will also perform the role of director of the U.S. NCB. Mr. Robinson has a broad background in logistics as an

officer in the Air Force, the private sector, and as a civilian within the Department of Defense. He will attend his first Main Group meeting in May.

The name of DLIS, the home of the US NCB, is expected to change by the end of the year, from Defense Logistics Information Service, to DLA Logistics Information Service. The change will occur because of the desire of the director of the Defense Logistics Agency to create better branding for DLA activities. The acronym DLIS will not change.

16. Review of Action Items – *Chairman*

17. Announcement of New Chairman Balloting – *Secretary*

No other candidates have been nominated for the chairmanship, so Mr. Kenworthy was elected by acclamation for one more 2 years term.

18. Date and Place of Next Meeting – *Chairman*

NCB Indonesia has offered to host the next meeting in Bali, Indonesia.

19. Closing Address – *Ian Donoghue, Director General, Defence Asset & Inventory Management, Finance Division, Defence Materiel Organisation*

Mr. Donoghue spoke about the importance of the codification process as it relates to logistics and the role that it is playing. He further highlighted how the correct codification of items will play a major role in Australia's logistic reform program, for example in the correct identification of health and safety issue like hazardous substances; asbestos, cadmium, and nuclear radiation (to name a few).

Mr. Donoghue noted that the innovation of having an industry forum incorporated in the PACS was a success in terms of bringing industry and government together. There is no single country or any single company that has a monopoly on the best ways to perform logistics. He put forward to the delegates that the concept of industry forums be continued and encouraged AC/135 to carry this out again but with a larger forum at the global level.

In closing, he proposed PACS should consider changing its name to Asia Pacific Cataloguing Seminar noting the countries represented here today. The group needs to look at PACS in its larger concept if it is to remain vibrant. Mr. Donoghue thanked the people who have made this event possible, including Paul Kenworthy, Andy Mudie, Nancy Wain and Sue Collicutt.

20. Farewell and Closing Remarks – *Chairman*

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## Actions from PACS XII

Action Number	Description	Action Country	Due Date
1	Submit articles for PACS newsletter. NCB Indonesia to submit an article about the next PACS meeting on Bali Island.	All	When requested by Mr. Worth
2	Secretary to work with NCB Australia to post the presentations, minutes, and photos from the PACS XII meeting on the PACS Web site. NCB Australia to improve searchability of Web site. Nations are encouraged to offer ideas about ways to improve the site.	Secretary NCB Australia	June 2010
3	Australia to post benchmarking data on the PACS Web site for review by the nations. All nations to consider offering their own KPI charts for posting on the PACS Web site.	Australia	May 2010
5	Chairman will report to Main Group and to PASOLS on the PACS XII meeting either in person or arrange for it to be done.	Chairman	May 2010
6	Provide PASOLS secretariat with a copy of the DVD from this year's meeting.  Nations to provide Japan with advice about how to implement Tier 1 sponsorship.	Secretary  All	End June
7	Write a paper on the concept of codification internships and distribute it to all nations for review and comment.	Chairman and NCB Korea, with comments from Indonesia and Malaysia	End July
9	Comment on the proposal to change the name of PACS to Asia/Pacific Cataloging Seminar (APACS)	All	Next meeting

## Social and Cultural Events Held

Monday, April 26

1800 - 1900 Icebreaker Social – Hosted by DoD Australia. Westin Lobby

### **Cultural Tour and Official Dinner**

Wednesday, April 28

1300-1315 Pickup from Westin Hotel

1315-1330 Drive to Garden Island Naval Base

1330-1430 Tour of Navy Historical Collection (including Group Photo)

1430-1530 Boat tour of Sydney Harbour en route to Zoo

1530-1700 Tour Taronga Zoo VIP Aussie Walkabout tour with photo session

1700-1800 Drive back to Westin via Manly Beach

1900 Meet in Lobby. Walk to restaurant

1930 Official dinner at Waterfront Restaurant, 27 Circular Quay West, the Rocks  
(hosted by Steve Wearn, Chief Finance Officer, Defence Materiel  
Organisation)