



# THE ASEAN FEDERATION OF LAND SURVEYING AND GEOMATICS

## Minutes of the 55<sup>th</sup> Council Meeting

Held on 19 March 2015, Thursday

at The Empire Hotel and Country Club

Bandar Seri Begawan, Brunei Darussalam

### **Present:**

Brunei Institute of Geomatic – Pengiran Matusin Matasan	- President
RSV Geoconsulting and Management Services - Mr Randolph S. Vicente	- Vice President
Singapore Institute of Surveyors and Valuers (SISV) – Mr Gerry Ong	- Hon. Secretary General
PEJUTA – Mr Md Rodi Ismail	- Hon. Treasurer General
Badan Informasi Geospasial (BIG) / Mr. Fajar Triady Mugiarto	- Council Member
Association of Authorised Land Surveyors Malaysia - Mr Teo Chee Hai	- Council Member
Singapore Institute of Surveyors and Valuers – Mr Leong Kin Weng	- Council Member
Surbana International Consultants Pte Ltd – Mr See Seng Guan	- Council Member
PEJUTA – Represented by Hj Saharudin Musa	

### **Observers :**

PT Exsa International Co Ltd - Mr H. Ariffin Tjekiagus	- Indonesia
PT Narcon International Indonesia – Mr Ari Ahmad Kastaman	- Indonesia
PEJUTA – Mr Andrew Phung	- Malaysia
SISV / 13 <sup>th</sup> SEASC Committee 2015 / Wisescan Engineering Services Pte Ltd	
- Mr Chua Keng Guan	- Singapore
SISV / 13 <sup>th</sup> SEASC Committee 2015 / Geometra International (Private) Limited	
- Mr Paul O'Connor	- Singapore
SISV / J K Foo Consortium Pte Ltd – Mr Foo Jong Kan	- Singapore

### **In Attendance:**

Ms Manisah Jalil	- Secretariat
------------------	---------------

### **Absent with Apologies**

PEJUTA – Mr Mohammad Azmi bin Mohd Zin	- Senior Vice President
Surveying and Mapping Society, Thailand - Dr Wicha Jiwalai	- Imm Past President I
Retired from BAKOSURTANAL , Indonesia - Diah Kirana Kresnawati	- Imm Past President II
Yunnan Association for Surveying and Mapping (YASM), China - Mr Liu Ji Yuan	- Council Member
Brunei Survey Department, Negara Brunei Darussalam (To be appointed)	
Finnmap Cambodia Ltd – Mr Jouni Anttonen	- Council Member
ASPIG / Badan Informasi Geospasial (BIG) / PT. NARCON - Ady Saptadi Ruchiatan	- Council Member
Land Surveyor Board, Malaysia - Dato' Prof. Sr Dr Abdul Kadir bin Taib	- Council Member
Philippines National Mapping and Resource Information Authority (NAMRIA)	
- Nicandro Parayno	- Council Member
Land Surveyors Board - Singapore – Dr Tor Yam Khoon	- Council Member

	<b>MATTERS DISCUSSED</b>	<b>ACTION BY</b>
	<p><b><u>ADOPTION OF AGENDA</u></b></p> <p>President called the meeting to order at 9.15am. The Agenda, as circulated, was tabled as depicted below. As there was no objection, the agenda was unanimously adopted as proposed by Hj Saharudin Musa and seconded by Mr. Fajar Triady Mugiarto</p> <p><b>Agenda of meeting</b></p> <ol style="list-style-type: none"> <li>1. 1 Opening Address by the President</li> <li>2. Confirmation of the Minutes of the 54<sup>th</sup> Meeting held on 25 October 2014, Nanchang City, Jiangxi Province, China</li> <li>3. Matters arising from the Minutes of 54<sup>th</sup> Council Meeting</li> <li>4. Approval of New Membership Application (if any)</li> <li>5. Report by the Honorary Secretary General</li> <li>6. Financial Report by the Honorary Treasurer General</li> <li>7. Report by the National Representatives (if any)</li> <li>8. Updates on 13th SEASC By Singapore</li> <li>9. ASEAN MRA Updates</li> <li>10. Any other matters</li> <li>11. Confirmation of Venue of the next ASEAN FLAG Council Meeting</li> <li>12. Adjournment</li> </ol>	
	<p><b><u>ADDRESS BY THE AFLAG PRESIDENT</u></b></p> <p><b>1.0</b> Bismillahirrahmanirrahim</p> <p><b>1.1</b> Assalamualaikum warahmatullahi wabarakatuh</p> <p>The meeting started with the greetings by the President to fellow council members and distinguished delegates followed by a recital of prayer by Haji Saharudin bin Musa.</p> <p>The President continued by welcoming members and delegates to Brunei Darussalam. He further thanked them for taking their time to attend the seminar held the previous day. He highlighted that it was a fruitful well-rounded seminar with speakers sharing their knowledge and experiences.</p> <p>The President pointed out that this will be the 2<sup>nd</sup> last meeting before members meet at the 13<sup>th</sup> SEAS Congress 2015 in Singapore. One of the objectives when the council took office in Manila, 2013 was to touch base with Myanmar. The objective has since been fulfilled with the help of Jyrki Antonnen and Suntac Technologies and hope more members from Myanmar will be joining AFLAG in the future.</p> <p>Delegates five country members attended this meeting. The President took note of the absentee highlighting quite a number of geomatics and surveying events happening and some members could not make it to this event.</p> <p>Other programmes arranged after this meeting were the technical tour to Housing Development Department and the visit to New Bridge Project - Construction of Bridge Link Across Sg. Brunei - from Sungai Kebun to Jalan Residency. The programme ended with Sunset River Cruise and Dinner.</p>	<i>Info.</i>

	<b>MATTERS DISCUSSED</b>	<b>ACTION BY</b>
	<p>The President hoped the delegates enjoy their stay and sincerely apologise for any shortcomings, particularly logistics, during their time in Brunei.</p> <p>Thank you.</p>	
<b>2.0</b>	<b><u>CONFIRMATION OF THE MINUTES 54<sup>th</sup> COUNCIL MEETING</u></b>	
2.1	The Minutes of the 54 <sup>th</sup> held on 25 October 2014 @ Nanchang City, Jiangxi Province, China was confirmed as proposed by Mr Leong Kin Weng and seconded by Mr Randolph Vicente.	<i>Info.</i>
<b>3.0</b>	<b><u>MATTERS ARISING FROM THE MINUTES OF 54<sup>th</sup> COUNCIL MEETING</u></b>	
3.1	Nil	<i>Info</i>
<b>4.0</b>	<b>Approval of New Membership Application (if any)</b>	
4.1	Nil	<i>Info</i>
<b>5.0</b>	<b>Report by the Honorary Secretary General</b>	
5.1	<p>On behalf of the council, the Honorary Secretary General Gerry Ong thanked Brunei for hosting the Seminar, the 55<sup>th</sup> Council Meeting and other programmes arranged for the AFLAG delegates.</p> <p>The following items were reported by the Hon Secretary General:</p> <p>1) 15 members attended the 55<sup>th</sup> Council meeting.</p> <p>2) Absent with apologies for not being able to attend the 55<sup>th</sup> Meeting were also received from the following Council Members:</p> <p>PEJUTA – Mr Mohammad Azmi bin Mohd Zin          Surveying and Mapping Society, Thailand - Dr Wicha Jiwalai          Retired from BAKOSURTANAL , Indonesia - Diah Kirana Kresnawati          Brunei Survey Department, Negara Brunei Darussalam (To be appointed)          Finnmap Cambodia Ltd – Mr Jouni Anttonnen          ASPIG / Badan Informasi Geospasial (BIG) / PT. NARCON - Ady Saptadi Ruchiatan          Land Surveyor Board, Malaysia - Dato’ Prof. Sr Dr Abdul Kadir bin Taib          Association of Authorised Land Surveyors Malaysia - Mr Teo Chee Hai          National Mapping and Resource Information Authority (NAMRIA) - Nicandro Parayno          Land Surveyors Board - Singapore – Dr Tor Yam Khoon          Dept. of Survey Engineering, Chulalongkorn University - Dr Itthi Trisirisataya-Wong          Southern Natural Resources and Environment Company Ltd - Pham Chi Tich</p> <p>3) Event Programmes</p> <p>a) <u>18 March 2015</u>          Registration of Seminar @ 9.00am          Seminar Session 1 -          @ 9.30 am – 10.00am : HSSE - Pg Shaminan bin Pg Ali, Brunei Shell          @ 10.00 am – 10.30am : Kampung Air Cadastre - Greg Cummings, TCB Brunei</p>	<i>Info</i>

	<b>MATTERS DISCUSSED</b>	<b>ACTION BY</b>
	<p>Seminar Session 2 -            @ 10.30am – 11.00am : DRRM – Speaker, Randy Vicente            @ 11.00am – 11.30am: Impact of Geospatial Technology on Surveyors – Mr Gerry Ong, GPS Lands (Singapore) Pte Ltd</p> <p><i>b) <u>18 March 2015 – Programme continues</u></i>            Other Activities            @ 1.30pm – Golf            @ 1.30pm - Non Golfer proceed to Brunei Survey Department            End of Day 1</p> <p><i>c) <u>19 March 2015 Programme</u></i>            8.30am - Registration of Council Meeting            9.00am - 55th Council Meeting            9.05am - Welcome Speech by Host            9.15am - Welcome Speech by AFLAG President            9.30am - 55th Council Meeting commences            10.30am - Tea Break            10.45am - 55th Council Meeting continues            12.30nn - End of Council Meeting followed by lunch sponsored by the host</p> <p><i>d) <u>19 March 2015 – Programme continues</u></i>            1.30pm - Heads of Delegation will pay a courtesy call to The Minister of Development            Technical Tour            1.45pm – Proceed to technical tour to Housing Development and New Bridge Project            5.30pm - Sunset River Cruise and Dinner            - End of Activity</p> <p>4) Delegates were informed to proceed to the hotel lobby after the meeting to proceed to the technical tour visits and sunset cruise dinner</p> <p>5) Delegates will also be ferried throughout the event including to the airport when they depart to the home country.</p> <p>The Honorary General Secretary and the delegates thanked Pengiran Matusin and the host for the hosting the event and the activities arranged for delegates to experience.</p>	
<p><b>6.0</b></p> <p>6.1</p> <p>6.2</p> <p>6.3</p>	<p><b><u>FINANCIAL REPORT By Honorary Treasurer General</u></b></p> <p>The Honorary Treasurer General, Mr Rodi Ismail reported the financial status of the ASEANFLAG as at March 2015. It is to be noted to members the currency reported as being in Malaysia Ringgit.</p> <p>The financial report was depicted as follows:</p> <p>Trial Balance YTD = RM138,421.11            Income Statement Net Surplus / (Deficit) = RM44,008.07            Income received from Annual Subscriptions = RM1575.00            Total Equity on Balance Sheet = RM136,616.03            Profit &amp; Loss Net Surplus / (Deficit) – YTD as @ March 2015 = RM45,732.57            Outstanding Subscription = RM26,000.00</p> <p>The Honorary Treasurer General thanked the Philippines for their contribution derived from hosting the 12<sup>th</sup> SEASC 2013 in June 2013. The amount contributed to AFLAG accounts summed up to USD 11,493.00. The final figure of RM 40,933.07 was remitted to the account after deductions on the bank charges.</p>	<p><i>Info.</i></p> <p><i>Info.</i></p> <p><i>Note</i></p>

	<b>MATTERS DISCUSSED</b>	<b>ACTION BY</b>
6.4	Looking at the outstanding subscription list, the Honorary Treasurer General highlighted the need for members to fulfil their dues.	<i>Note</i>
6.5	The Financial Report was accepted and proposed by Mr See Seng Guan and seconded by Mr Saharudin Musa.	<i>Info</i>
6.6	The President sought Randy's assistance to extend AFLAG's gratitude to the Philippines for finalising the account.	
<b>7.0</b>	<b><u>REPORT BY THE NATIONAL REPRESENTATIVES</u></b>	
<b>7.1</b>	<b>BRUNEI DARUSSALAM COUNTRY REPORT</b>	
7.1.1	No report.	<i>Info.</i>
<b>7.2</b>	<b>CAMBODIA COUNTRY REPORT</b>	
7.2.1	No report.	<i>Info.</i>
<b>7.3</b>	<b>CHINA COUNTRY REPORT</b>	
7.3.1	No report	<i>Info.</i>
<b>7.4</b>	<b>INDONESIA COUNTRY REPORT</b>	
7.4.1	Submitted by The Indonesian Delegation  <b>Preface:</b> The Indonesian Delegation attending this meeting represented these following Institutions: BIG (Geospatial Information Agency), BPN-RI (National Land Agency), ISI (Indonesian Surveyor Association), APSPIG (Association of Surveying and Mapping Enterprises for Geospatial Information), private companies as a member of AFLAG (PT. EXSA International and PT. NARCON).  There are several items of information that needs to be addressed in this 55th AFLAG Council Meeting, and these are the following information:  a. New Presidential Cabinet in Indonesia; b. BIG (Badan Informasi Geospasial) new organization structure; c. BPN-RI (Badan Pertanahan Nasional Republik Indonesia) new organization structure;  <b>a. New Presidential Cabinet in Indonesia</b>  The New President of the Republic of Indonesia Ir. Joko Widodo, known as Jokowi, launched the new Cabinet to support his National Program called Nawacita, a Sanskrit Term of Nine Programs. These are the Nine Government Programs that must be supported by all of the government ministries and institutions, includes the geospatial industries.  <b>Indonesia as a Global Maritime Axis (Maritime Connectivity and Commerce)</b> One key objective of Jokowi's idea of Indonesia as a global maritime axis is enhancing inter-island connectivity and upgrading port infrastructure within the Indonesian archipelago, which encompasses thousands of islands and spans almost 6 million square kilometers. Many of these	<i>Info.</i>

	MATTERS DISCUSSED	ACTION BY
	<p>islands remain unconnected to their neighbours and several benefits from only loose or intermittent contact. This lack of connectivity is more pronounced in the outer islands of Eastern Indonesia, such as Maluku and North Maluku. As a result, many of these islands have acted as self-sufficient economies, not contributing to or benefitting from national economic production and distribution processes. Similarly, Indonesia's port infrastructure has suffered from neglect and financial constraints over the years. Many of the ports are in bad shape and impede the country's internal and external maritime commerce in the form of revenue losses, time-lag, procedural delays and inadequate port facilities.</p> <p>According to a World Bank report, shipping a container from Padang to Jakarta costs more than three times as much shipping the same container from Jakarta to Singapore. As a consequence, Indonesia's maritime trade and commerce has failed to utilize its full potential.</p> <p>Though the idea of Indonesia as a global maritime axis may come as a novelty to many, it is not a new idea. The transport department of Indonesian government has set up a three-pronged archipelago belt project – the Northern, Middle and Southern Archipelago Belts – to connect different parts of Indonesia.</p> <p>Maritime connectivity was an important agenda item for Indonesia during the APEC Focus Group Discussion. ASEAN also has sought to achieve inter-island connectivity through its plans of developing a “nautical highway system” or proposed “ring shipping route” in maritime Southeast Asia as a part of the Master Plan on ASEAN Connectivity.</p> <p><b>b. BIG (Badan Informasi Geospasial) new organization structure</b></p> <p>Through the Presidential Decree Number 184/M Year 2014 dated 19 October 2014, the Ministry of Research, Technology and High Education (MenristekDikti), Prof. H. Mohamad Nasir, Ph.D., Ak. has inaugurated Dr. Priyadi Kardono, M.Sc. as a new Head of BIG on 2 December 2014. The Head of LIPI, Iskandar Zulkarnaen, and The Head of BATAN, Djarot Sulistio Wisnubroto; were present during the inauguration.</p> <p>This year, BIG has some mapping project. Among them is the Aerial Photography, Mapping Large Scale, Small and Medium Enterprises, Procurement radar data and very high resolution optical images. In addition, base mapping of marine and coastal, and some mapping village boundaries.</p> <p><b>c. BPN-RI New Organization Structure</b></p> <p>BPN is now merging with the Ministry of Agraria and Planning and became the Ministry instead of Institution. The new Minister is Ferry Mursyidan Baldan that replaced the previous head of BPN Hendarman Supanji.</p> <p>Started 28 October 2014, BPN is now the Ministry under the Ministry of Agraria and Planning. Following is the new organization structure of the BPN.</p> <p>Reported by Mr Fajar TM &amp; H. Ariffin Tjekiagus INDONESIA</p>	
7.5	<b>MALAYSIA COUNTRY REPORT</b>	
7.5.1	No written report from the Land Surveyors Board (LSB), Malaysia	
7.5.2	<p>The following were reported by Hj Saharudin Musa.</p> <p>1. Membership</p> <p>PEJUTA and Chartered Institution of Civil Engineering (ICES) of the United Kingdom signed an MoU to cooperate on matters related to professional development as well as allowing members of PEJUTA a pathway towards membership in ICES.</p>	Info.

	MATTERS DISCUSSED	ACTION BY
7.5.3	<p>2. Mapping using UAV</p> <p>PEJUTA has established a committee to look into both regulatory and practise issue relating to the use of unmanned aerial vehicle for mapping. As in many other jurisdictions, there are issues relating to security and privacy with the introduction of UAVs as another mapping platform particularly the prevalence of UAVs for general photography.</p> <p>The committee is working with LJT, JUPEM, DCA and Teaching Institution to introduce competency training on UAV Mapping as part of fulfilling the regulatory and practise requirement.</p> <p>3. Underground Utility Mapping</p> <p>PEJUTA with the support of LJT, JUPEM and University of Birmingham is currently conducting the fourth competency certification program. This is a six-month long program.</p> <p>4. Institutional</p> <p>PEJUTA will have its AGM on 25th March 2015 where a new Executive Council will be elected. However, the President has already being elected and is Dr. Hj Md Zaid bin Abdullah and the Secretary General is Hj Shaharuddin bin Musa.</p> <p>Malaysia is broadening her tax base and Goods and Services Tax will become a reality on 1st April 2015. PEJUTA has implemented a series of briefings, seminars and training to ready its membership for the implementation of GST nationally.</p> <p>Other Reports : By Mr Teo Chee Hai</p> <p>1. United Nations Resolution on Global Geodetic Reference Frame</p> <p>The science that supports the precise pinpointing of people and places should be shared more widely, according to the United Nations General Assembly. On 26th February 2015, UN General Assembly adopted its first resolution recognizing the importance of a globally-coordinated approach to geodesy recognising that Geodesy plays an increasing role in people's lives, from finding disaster victims to finding directions using a smart phone. Emphasizing that "no one country can do this alone", the General Assembly called for greater multilateral cooperation on geodesy, including the open sharing of geospatial data, further capacity-building in developing countries and the creation of international standards and conventions.</p> <p>2. Urban Hazard Mapping</p> <p>With an increasingly urbanized environment coupled with the severity of weather related events in the region, it is increasingly apparent that appropriate spatial technologies and practices are needed for urban hazard mapping as part of any disaster risk management initiative.</p> <p>3. Regional Land Tenure Initiative</p> <p>There is an increasing awareness for a need of a land tenure initiative to support jurisdictions within Asia and the Pacific in the crucial aspect of land administration and management in support of sustainable development. As a profession, we are keenly aware of the significance of credible spatial information in good land administration and management.</p> <p>4. 2015 FIG Working Week</p> <p>FIG's next General Assembly and Working week will be held in Sofia, Bulgaria between 17th – 21st May 2015.</p> <p>Reported by Hj Saharudin Musa and Mr Teo Chee Hai PEJUTA MALAYSIA</p>	Info

	MATTERS DISCUSSED	ACTION BY
7.6	<b>MYANMAR COUNTRY REPORT</b> No report.	
7.7	<b>PHILIPPINES COUNTRY REPORT</b>	<i>Info</i>
7.7.1	<p>The following projects are being carried out in Philippines as reported by Mr. Randolph S. Vicente</p> <p>a) Cadastral Survey Program</p> <p>The program started its full scale implementation since 2007 and targeted for completion by end of this year. Private contractors are pursuing Cadastral Survey in different locations of the country. This project must be accomplished before mid of 2015 due to the marching order of the Philippines President. The status of the project is to be included in the national address by the Philippines President in July 2015.</p> <p>Issues arising during the implementation of the project include the presence of disputed areas and limitations in terms of the capacity for inspection, verification and approval for surveys.</p> <p>b) Implementation of Comprehensive Agrarian Reform Program</p> <p>The Program is now at the extension phase as there are still areas that have to be surveyed. Issues and/or challenges include site accessibility, support of land owners, and availability of records.</p> <p>c) Large Scale Mapping Project</p> <p>Large scale mapping project is being implemented by NAMRIA. It involves large scale image and topographic mapping of areas affected by typhoon "Haiyan" also locally known as typhoon "Yolanda". Being aware of the massive destruction caused by the typhoon, the government has invested on the production of large scale topographic map on reconstruction process. The outputs of the project will be utilized should Philippines encounter future natural disasters in the same areas.</p> <p>d) Foreshore Area Master Plan Formulation</p> <p>The Philippine's National Foreshore Area Master Plan has been prepared by the Land Management of Bureau in cooperation with a private consulting firm. The Master Plan covers the comprehensive land use plans on coastal and provinces, local climate change actions plans, and local disaster risk reduction and social environment, among others. The Project came up with a guiding framework on the best management scheme to be adopted in a specific environment, particularly on the identification of the highest and best use of a particular area in the foreshore.</p> <p>e) Geospatial Portal</p> <p>The Philippine Geoportal of NAMRIA, which is a web-based facility for the sharing and use of geospatial information produced by different agencies of the Philippine government, is now up and running. The database build up activity is being undertaken in cooperation with partner agencies of NAMRIA.</p> <p>f) Geohazard Mapping Initiatives by the Local Government Units</p> <p>A number of local government units have attained the technical competency to take on the geohazard mapping and assessment activities. The intention of the initiative is to build their own capability to mitigate the ill-effects of and/or respond to disaster risks. Experts from government agencies concerned provide assistance and related advice to the local government units.</p> <p>g) Events</p> <p>A number of events will be held in Philippines. These are as follows:</p> <ul style="list-style-type: none"> <li>- National Surveying and Mapping Summit 2015 slated on 28 &amp; 29 April 2015 in Manila, Philippines hosted by the Geodetic Engineers of the Philippines, Inc. Part of the program is the Local and International Outlooks pertaining to the practice of surveying and geomatics. Members of ASEAN Flag and FIG are suggested to partake in the event.</li> </ul>	



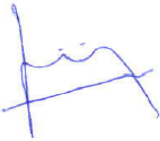

	<b>MATTERS DISCUSSED</b>	<b>ACTION BY</b>
	<ul style="list-style-type: none"> <li>- Regional Convention of the National Capital Region Division of the Geodetic Engineers of the Philippines, Inc. which will be organized on 8-9 May 2015 at the Hyatt Hotel, Manila, Philippines</li> <li>- National Directorate Meeting and Convention of the Geodetic Engineers of the Philippines, Inc. set on 28-30 May 2015 in Legaspi City, Province of Albay, Philippines.</li> </ul> <p>Reported by Randolf S. Vicente RSV Geoconsulting and Management Services PHILIPPINES</p>	
7.7.2	<p>Drawing from the Round Table Discussion (RTD) two years ago in Manila, June 2013, suggestion to have a separate discussion to form Technical Working Group(s) (TWG) similar to FIG to work on the Disaster Risk Reduction Management (DRRM) while attending the Summit in Manila was proposed.</p> <p>After much discussion, it was suggested to come up the Terms of Reference (TOR) for the TWG.</p> <p>For example:</p> <ul style="list-style-type: none"> <li>a) To be clear on the output</li> <li>b) What TWG wants to achieve</li> <li>c) The contributions of TWG (ie is there any DRRM portal etc. Between ASEAN countries, there is a Risk Reduction portal and TWG should align with it if they are going to that direction</li> <li>d) And among others</li> </ul> <p>Mr. Randolf S. Vicente will put up the TOR and proposals with the intention of seeking funding from agencies to support the cause.</p> <p>The above DRRM-TWG proposal will be put in writing through a Resolution for approval in the upcoming BGM.</p>	<i>Note</i>
7.8	<p><b>SINGAPORE COUNTRY REPORT</b></p> <p>No report from Land Surveyors Board Singapore and Singapore Institute of Surveyors and Valuers.</p>	
7.9	<p><b>THAILAND COUNTRY REPORT</b></p> <p>No report</p>	
7.1.0	<p><b>VIETNAM COUNTRY REPORT</b></p> <p>No report</p>	
7.11	<p><b>LAO PDR COUNTRY REPORT</b></p> <p>No report.</p>	<i>Info</i>
<b>8.0</b>	<b>Report / Updates on 13<sup>th</sup> SEASC</b>	
8.1	<p>The 13<sup>th</sup> SEAS Congress is from 28 to 31 July 2015 with the following theme "Expanding the Geospatial Future" held at Grand Ballroom, Marina Bay Sands Singapore</p>	<i>Info</i>

	MATTERS DISCUSSED	ACTION BY
8.2	The Congress is hosted by Singapore Institute of Surveyors and Valuers and supported by Marine Port Authority Singapore, Land Surveyors Board Singapore, Land Transport Authority, Singapore Land Authority, Singapore Tourism Board and Housing and Development Board.	<i>Info</i>
8.3	<p>Programme Schedule - In Brief</p> <ul style="list-style-type: none"> <li>• 3 days of Congress, 3 Days of Trade Exhibition &amp; Half Day of Technical Tour</li> <li>• Joint Land Surveyors Board Meeting</li> <li>• Workshops &amp; Forums</li> <li>• AFLAG 56th &amp; 57th Council Meetings &amp; 9th Biennial Board Meetings</li> <li>• Young Surveyors Meeting</li> </ul>	<i>Info</i>
8.4	<p>The Technical Tour arranged:</p> <ul style="list-style-type: none"> <li>• Visiting Singapore's Barrage</li> <li>• LTA Gallery (Transportation development)</li> <li>• URA Gallery (Singapore's development)</li> </ul>	<i>Info</i>
8.5	<p>Mr Chua further reported on the technical paper confirmed speakers:</p> <ul style="list-style-type: none"> <li>• Over 80 papers were received</li> <li>• The Committee has confirmed half of the speakers</li> <li>• More are still required for the technical paper presentation</li> <li>• Each of the ASEAN country is asked to present at least 3 papers as agreed in previous meetings</li> </ul>	<i>Note</i>
8.6	<p>The followings have been invited and are confirmed Key Speakers:</p> <ul style="list-style-type: none"> <li>• NUS Prof. Paul Cheng, Former Director of UN Statistics Division</li> <li>• Mr Teo Chee Hai, Immediate Past President of FIG</li> <li>• Dr. Thomas H. Kolbe, Professor at University of Munchen</li> <li>• Prof. Chris Rizos, President of IAG</li> <li>• Mr Kwoh Leong Keong, Director of the Centre for Remote Imaging, Sensing &amp; Processing, NUS</li> <li>• Dr Xavier Lopez, Sr. Director of Product Management, Oracle</li> <li>• Dr Keith C. Bell, World Bank</li> </ul>	<i>Info</i>
8.7	<p>Mr Chua Keng Guan reiterated on the targeted audience to members. Among others, the targeted audience are :</p> <ul style="list-style-type: none"> <li>• Land Surveyors / Geomatics Engineers</li> <li>• GIS/LIS Professionals</li> <li>• Cartographers</li> <li>• Photogrammetrists</li> <li>• Remote Sensing Specialists</li> <li>• Academics and Researchers</li> <li>• Hydrographers</li> <li>• Engineers</li> <li>• Land Administrators</li> </ul> <p>Targeted Trade Exhibitors are:</p> <ul style="list-style-type: none"> <li>• Product &amp; Service Providers</li> <li>• Surveying, Mapping &amp; Geospatial Vendors</li> <li>• Land Survey, Hydrographic Survey &amp; Mapping Service Providers</li> <li>• Tunnel Guidance Contractors &amp; Product Suppliers</li> <li>• Civil Work Consultants</li> </ul> <p>Targeted Participants are :</p> <ul style="list-style-type: none"> <li>• ASEAN Countries</li> <li>• New Zealand</li> <li>• Australia</li> </ul>	<i>Info</i>

	MATTERS DISCUSSED	ACTION BY																														
8.8	<ul style="list-style-type: none"> <li>• China</li> <li>• India</li> <li>• Japan</li> <li>• South Korea</li> </ul> <p>Congress Fee :</p> <table border="1"> <thead> <tr> <th>Category / Fees</th> <th>Early Bird Fee (ends on 30th April 2015)</th> <th>Normal Fee (from 1st May 2015)</th> </tr> </thead> <tbody> <tr> <td>Conference Only</td> <td>SGD \$800.00</td> <td>SGD \$ 980.00</td> </tr> <tr> <td>Conference for 1 Pax with 4 Nights (Single or with Spouse) MBS Accommodation</td> <td>SGD \$ 2,200.00</td> <td>SGD \$ 2,480.00</td> </tr> <tr> <td>Conference for 2 Pax with 4 Nights (Twin Share) MBS Accommodation</td> <td>SGD \$ 3,000.00</td> <td>SGD \$ 3,460.00</td> </tr> <tr> <td>Members (SISV members; Partners; Supporting Organisations)</td> <td>NA</td> <td>SGD\$ 800.00</td> </tr> <tr> <td>Group Participation Per Pax (Min 4 pax and above)</td> <td>NA</td> <td>SGD\$ 800.00</td> </tr> <tr> <td>1-Day Pass (Any Day, Gala Dinner not included)</td> <td>NA</td> <td>SGD\$ 400.00</td> </tr> <tr> <td>Student Pass (Gala Dinner not included)</td> <td>NA</td> <td>SGD\$ 400.00</td> </tr> <tr> <td>Accompanying Person (Gala Dinner Only)</td> <td>NA</td> <td>SGD \$150.00</td> </tr> <tr> <td>Technical Visits</td> <td>NA</td> <td>SGD\$ 50.00</td> </tr> </tbody> </table>	Category / Fees	Early Bird Fee (ends on 30th April 2015)	Normal Fee (from 1st May 2015)	Conference Only	SGD \$800.00	SGD \$ 980.00	Conference for 1 Pax with 4 Nights (Single or with Spouse) MBS Accommodation	SGD \$ 2,200.00	SGD \$ 2,480.00	Conference for 2 Pax with 4 Nights (Twin Share) MBS Accommodation	SGD \$ 3,000.00	SGD \$ 3,460.00	Members (SISV members; Partners; Supporting Organisations)	NA	SGD\$ 800.00	Group Participation Per Pax (Min 4 pax and above)	NA	SGD\$ 800.00	1-Day Pass (Any Day, Gala Dinner not included)	NA	SGD\$ 400.00	Student Pass (Gala Dinner not included)	NA	SGD\$ 400.00	Accompanying Person (Gala Dinner Only)	NA	SGD \$150.00	Technical Visits	NA	SGD\$ 50.00	<p><i>Info</i></p> <p><i>Note</i></p>
Category / Fees	Early Bird Fee (ends on 30th April 2015)	Normal Fee (from 1st May 2015)																														
Conference Only	SGD \$800.00	SGD \$ 980.00																														
Conference for 1 Pax with 4 Nights (Single or with Spouse) MBS Accommodation	SGD \$ 2,200.00	SGD \$ 2,480.00																														
Conference for 2 Pax with 4 Nights (Twin Share) MBS Accommodation	SGD \$ 3,000.00	SGD \$ 3,460.00																														
Members (SISV members; Partners; Supporting Organisations)	NA	SGD\$ 800.00																														
Group Participation Per Pax (Min 4 pax and above)	NA	SGD\$ 800.00																														
1-Day Pass (Any Day, Gala Dinner not included)	NA	SGD\$ 400.00																														
Student Pass (Gala Dinner not included)	NA	SGD\$ 400.00																														
Accompanying Person (Gala Dinner Only)	NA	SGD \$150.00																														
Technical Visits	NA	SGD\$ 50.00																														
8.9	Young Surveyors Category fee is pegged at S\$600.00 per pax																															
8.10	<p>The official website is <a href="http://www.seasc2015.org.sg">http://www.seasc2015.org.sg</a> should they wish to have more information and to register for the congress.</p> <p>Reported by Mr Chua Keng Guan Chairman, 13<sup>th</sup> SEASC Organising Committee SINGAPORE</p>	<p><i>Info</i></p> <p><i>Info</i></p>																														
8.11	Mr Chua Keng Guan noted on the suggestion to extend the early bird date to a more realistic timing. It was also highlighted to members the AFLAG meetings/BGM will be spread out throughout the event days.	<i>Note</i>																														
8.12	The suggestion by the President to invite ASEAN embassies located in Singapore has also been noted.	<i>Note</i>																														
9.0	<p><b>ASEAN MRA Updates.</b></p> <p>AFLAG President reported :</p>																															

	MATTERS DISCUSSED	ACTION BY
9.1	<p><b>INTRODUCTION</b></p> <ol style="list-style-type: none"> <li>1. Dr Wicha Jiwalai, from The Council of Engineers Thailand, chaired The Fourteenth Meeting of the Competent Authorities of the Framework Arrangement for the Mutual Recognition of Surveying Qualifications which was held on 13<sup>th</sup> January 2015 in Siem Reap, Cambodia, back-to-back with the 80<sup>th</sup> Meeting of the ASEAN Coordinating Committee on Services (CCS)</li> <li>2. The Meeting was attended by representatives from 8 ASEAN Member States, namely Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, Philippines, Singapore, and Thailand; as well as the President of ASEAN Federation of Land Surveying and Geomatics (ASEAN-FLAG) and the ASEAN Secretariat</li> <li>3. <b>On the latest Status of Implementation of The Framework MRA on Surveying Qualifications</b> and recent updates on regulatory regimes of the ASEAN Member States, there had not been much progress: <ul style="list-style-type: none"> <li><b>Brunei Darussalam:</b> The second version of the amendment of the Licensed Land Surveyor's Act remained under domestic approval process. Brunei Darussalam is also in the process of finalising its bilateral MRA with Singapore for accrediting degree program from abroad.</li> <li><b>Cambodia:</b> The draft Sub-Decree on the Surveying and Mapping remained awaiting for approval from its Council of Ministers, which is expected to be completed within 2015</li> <li><b>Indonesia:</b> The reviews of the competency standard for the geospatial surveying professionals as well as the establishment of the Indonesian Board for Development of Geospatial Information Services remained on-going. Its Bandung Institute of Technology (ITB) had launched a professional school of hydrography in 2014 accredited by the International Hydrographic Organisation (IHO) as "A" grade.</li> <li><b>Malaysia:</b> Land Surveyors Board Peninsula Malaysia is reviewing License Land Surveyors' Act 1958. Subsequently, the qualification of local and foreign universities offering the surveying programme is also being evaluated.</li> <li><b>Myanmar:</b> Its surveying law and related legislation is still under consideration for submission within 2015</li> <li><b>The Philippines:</b> Her new curriculum is still under review of its Commission on Higher Education, which now requires 17 years of education instead of 15 years in order to become professional surveyor due to implementation of K12 education program. It is also coordinating among the boards for engineering practices to implement both the MRA on engineering services as well as the surveying framework MRA.</li> <li><b>Singapore:</b> Surveying practice is regulated under its Land Surveyors' Board under the Ministry of Law and covers beyond cadastral surveying. Singapore is finalising its bilateral MRA with Brunei Darussalam on the accreditation of degree programs from abroad.</li> <li><b>Thailand:</b> It is working on a separate registration process for its surveying engineers, who are currently still registered as civil engineers by the Thai Council of Engineers. The Council currently covers 7 disciplines of engineering practice and is in the process of expanding additional 10 disciplines including surveying. A roundtable seminar in surveying engineering to discuss this proposal among the stakeholders will be held in mid-February 2015. Thailand will report the outcome at the next meeting.</li> </ul> </li> <li>4. The President of ASEAN-FLAG informed the Meeting that the outcomes of meetings of this body have been regularly updated to the ASEAN-FLAG members, who wish to see this MRA implemented as soon as possible.</li> <li>5. <b>On The Roadmap and Implementation Plan:</b> <ol style="list-style-type: none"> <li>5.1. <b>Comparison of Elements in Surveying Practice</b> <ol style="list-style-type: none"> <li>5.1.1. Based on the list of elements of the surveying practice drafted by the ASEAN Secretariat at the previous meeting, the Meeting noted the submissions from Brunei Darussalam, Cambodia, and Indonesia</li> <li>5.1.2. The Meeting urged the remaining ASEAN Member States to submit their data as soon as possible before the next meeting.</li> </ol> </li> <li>5.2. <b>4<sup>th</sup> Surveying Roundtable</b> – Country Group Discussions <ol style="list-style-type: none"> <li>5.2.1. The Meeting convened the 4th Surveying Roundtable back-to-back with this Meeting,</li> </ol> </li> </ol> </li> </ol>	Info.

	MATTERS DISCUSSED	ACTION BY
	<p>which served as a forum for Country Group Discussions.</p> <p>5.2.2. Group 1 (<u>Brunei Darussalam, Malaysia, Singapore</u>) 1 briefed the Meeting on their surveying practice based on a matrix of their country data using the list of elements as discussed in agenda item 3.1 above. It was highlighted that their surveying practice generally also started from cadastral surveying undertaken by the government, then subsequently liberalised to licensed private surveyors and also expanded to other services including engineering-related surveying services.</p> <p>5.2.3. Group 2 (<u>Indonesia, Philippines, Thailand</u>) highlighted that their surveying practice generally started from large-scale mapping services before gradually expanding to cover engineering-related surveying services. As cadastral surveying generally remains to be undertaken by the government only, Group 2 explored the possibility to pursue bilateral or trilateral MRA on surveying services that do not involve security and legal restrictions. In relation to this, it was also highlighted that the current laws of Group 2 countries do not require its surveying professional to be an expert in cadastral services although it is taught in the degree course.</p> <p>5.2.4. Group 3 (<u>Cambodia, Lao PDR, Myanmar, Viet Nam</u>): Only Cambodia was available during the roundtable discussions. Cambodia highlighted that its surveying practice is generally similar with Group 2, whereby basic surveying services are undertaken by the government which mainly cover cadastral surveying, administrative boundary, and base map production.</p> <p>6. Following up on the exchanges of clarifications and information, the Meeting explored the possible ways towards ASEAN-wide recognition of surveying professionals. While Group 1 countries encouraged other ASEAN Member States to liberalise their cadastral surveying practice, Group 2 viewed that a possible ASEAN-wide MRA may need to exclude those services subjected to security and legal restrictions. The Meeting will further reflect and discuss this matter.</p> <p><b>7. Technical Assistance</b></p> <p><b>7.1. Handbook on Core Competencies and Domestic Regulations in the Engineering, Architecture, Accounting and Surveying Services</b></p> <p>7.1.1. The Meeting noted the final version of the Handbook on Surveying. The Meeting agreed that unless there is major mistake/error in the content, for which ASEAN Member States would need to revert <b>by 26 January 2015</b>, the Handbook should be considered as final. The Meeting further agreed that the publication shall state the cut-off date of the information received.</p> <p><b>7.2. Development of Implementation/Action Plan to Enhance Mobility of ASEAN Professionals on Surveying Services</b></p> <p>7.2.1. The Meeting noted that the tendering of the project proposal has been further extended to 31 December 2014, resulting in 3 more bidders: Certeza Infosys Corporation, Land Equity International (LEI), and Royal Institution of Chartered Surveyors (RICS).</p> <p>7.2.2. The Meeting requested ASEAN Member States to review the proposals and give comments through the ASEAN Secretariat <b>by 26 January 2015</b>, particularly on the suitability of the technical qualification of the consultancy team which will help moving forward the mobility of surveying professionals in ASEAN context. The Meeting noted that the other bidder discussed at the previous meeting, namely Hook International, would still be under consideration.</p> <p>The Meeting requested ASEAN Member States to review the proposals and give comments through the ASEAN Secretariat <b>by 26 January 2015</b>, particularly on the suitability of the technical qualification of the consultancy team which will help moving forward the mobility of surveying professionals in ASEAN context. The Meeting noted that the other bidder discussed at the previous meeting, namely Hook International, would still be under consideration</p> <p><b>8. Other Matters</b></p> <p><b>8.1. 13<sup>th</sup> South East Asian Survey Congress</b></p> <p>8.1.1. Singapore distributed information material for the 13<sup>th</sup> South East Asian Survey Congress which will be held on 28-31 July 2015 in Singapore. Further information is</p>	

	MATTERS DISCUSSED	ACTION BY
	<p>available at <a href="http://www.seasc2015.org.sg">www.seasc2015.org.sg</a>. Singapore invited all ASEAN Member States to participate in the event.</p> <p>8.1.2. The ASEAN-FLAG President will convey the request of the Meeting to its forthcoming meeting in March 2015, on an official invitation letter and discount for group registration including members of Competent Authorities in each ASEAN Member State.</p> <p>9. <b>Acknowledgements:</b> The Meeting thanked the Chairperson, the delegates, the ASEAN Secretariat and Government of Cambodia as the host, for their efforts and the excellent arrangements made for the Meeting.</p> <p><i>Reported by: Pengiran Matusin Matasan AFLAG President Bandar Seri Begawan, BRUNEI DARUSSALAM 19 March 2015</i></p>	
10.0	<b>Any Other Business</b>	
	Nil	
11.0	<b>Date and Venue of the next ASEAN FLAG Council Meeting.</b>	
11.1	The 56 <sup>th</sup> , 57 <sup>th</sup> Council meetings and the 9 <sup>th</sup> Biennial General Meeting will be held in Marina Bay Sands, Singapore from 27 to 31 July 2015.	<i>Info</i>
11.2	<p><b>14<sup>th</sup> SEAS Congress 2017</b></p> <p>Meeting noted on the announcement by the President that Brunei Institute of Geomatic will be hosting the 14<sup>th</sup> SEASC 2017 at the Empire Hotel and Country Club, Bandar Seri Begawan, Brunei Darussalam. Date of the event will be advised at a later date.</p>	
13.0	<p><b>ADJOURNMENT</b></p> <p>There being no other matters, the meeting adjourned 12.00 hrs.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;">  <p>.....</p> <p><b>GERRY ONG</b> Honorary Secretary General</p> </div> <div style="text-align: center;">  <p>.....</p> <p><b>Pengiran Matusin Matasan</b> President</p> </div> </div>	<i>Info.</i>