



# THE ASEAN FEDERATION OF LAND SURVEYING AND GEOMATICS

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## Minutes of the 37th Council Meeting

Held on 17<sup>th</sup> December 2009 (Thursday)

at Lotus Suite 3 & 4, CENTARA GRAND & BANGKOK CONVENTION CENTRE AT CENTRALWORLD,  
BANGKOK, THAILAND

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### Present:

Bakosurtanal, Indonesia – Drs Diah Kirana Kresnawati	- President
Surveying and Mapping Society, Thailand - Dr Wicha Jiwalai	- Senior Vice President
PEJUTA, Malaysia - Datuk Hamid bin Ali	- Vice President
PT Narcon, Indonesia - Ady Ruchiatan	- Hon. Secretary General
Tang Tuck Kim Registered Surveyor, Singapore - Tang Tuck Kim	- Hon. Treasurer General
Singapore Institute of Surveyors and Valuers - Mr. See Seng Guan	- Imm. Past President I
Jurukur Perunding Services (Brunei) Sdn Bhd - Pg. Matusin bin Pg. Matasan	- Imm. Past President II
Singapore Institute of Surveyors and Valuers - Mr Gerry Ong	- Council Member
Yunnan Association for Surveying and Mapping - Mr Douglas Xu (representing Mr Yang Jundong)	- Council Member
Institute Surveyors Indonesia - Mr. Sugeng Prijadi	- Council Member
PEJUTA, Malaysia – Mr Teo Chee Hai	- Council Member
Geodetic Engineers of the Philippines, Inc - Cecilio C. Reyes	- Council Member
Cadastre and Engineering Survey Company, Vietnam - Mr Pham Chi Tich	- Council Member
Jurukur Perunding Services Sdn Bhd, Malaysia - Dr Khoo Boo Khean	- Council Member

### Observers :

Geodetic Engineers of the Philippines, Inc - Eduardo B. Sarmiento	- Observer
Geodetic Engineers of the Philippines, Inc – Cristy M. Tambo	- Observer
Geodetic Engineers of the Philippines, Inc – Reginol Sobrevinas. Jr	- Observer
YASM, China - Ms.Jessica Liu	- Observer
Zondy Cyber Group Co. Ltd, China - Ms. Hu Na	- Observer
Zondy Cyber Group Co. Ltd,China – Mr. Wang Ai Hua	- Observer
China – Mr Guo Run Lin	- Observer
China - Wang Ai Hua	- Observer
South Survey, China – Mr Jackie Cheung	- Observer
PEJUTA, Malaysia – Dato Hj Hanafi bin Mamat	- Observer
PEJUTA, Malaysia – Mr Mohammad Azmi bin Mohd Zin	- Observer
PEJUTA, Malaysia – Mr Marzuki bin Mohd Kassim	- Observer
PEJUTA, Malaysia – Mr Chun Ming Kee	- Observer
PEJUTA, Malaysia – Mr Yong Lip Foo	- Observer
PEJUTA, Malaysia – Mr Abd Rahman bin Salleh	- Observer
PEJUTA, Malaysia – Mr Siew Siew Weng	- Observer
PEJUTA, Malaysia – Mr Alias bin Ibrahim	- Observer
PEJUTA, Malaysia – Dr Hj Mohd Zaid bin Abdullah	- Observer
PEJUTA, Malaysia – Mr Saharuddin bin Saat	- Observer
PEJUTA, Malaysia – Mr Che Abdullah bin Md Rejab	- Observer
Indonesia - Mr Yudi Siswantoro	- Observer
Indonesia - Mr M. Yulianto	- Observer
Indonesia - Mr Rochman Djaja	- Observer
Indonesia – Mr Bebas Purnawan	- Observer
Singapore Institute of Surveyors and Valuers – Ms Judy Poh	- Observer
Singapore Institute of Surveyors and Valuers – Mr Lau Hua Peng	- Observer
Singapore Institute of Surveyors and Valuers – Mr Chua Keng Guan	- Observer
Singapore Institute of Surveyors and Valuers – Mr Lew Hoi Thang	- Observer
Thailand – Mr Kamit Vitayapilul	- Observer
Thailand - Mr Sombat Subsuantang	- Observer

Thailand - Mr Chanin Tinnachote	- Observer
Trimble, Thailand - Mr Ronald Van Coevorden	- Observer
Thailand – Wisit Charuthat	- Observer
Vietnam – Mr Vu Hoang Anh	- Observer
Vietnam – Ms To Thi Viet Hoa	- Observer
Vietnam – Ms Tran Thi Tuyet Nhung	- Observer

**In Attendance:**

Ms. Raja Bismayazan bt Raja Abd Aziz	- Executive Secretary
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**Absent with Apologise**

Survey Department , Brunei Darussalam -Tuan Haji Jamil bin Mohd Ali	- Council Member
Yunnan Association for Surveying and Mapping – Mr Yang Jundong	- Council Member
National Land Agency Indonesia – Mr Irawan Sumarto	- Council Member
Indonesia Surveyors Association (ISI) – Mr Virgo Erestajaya	- Council Member

	MATTERS DISCUSSED	ACTION BY
	<p><b><u>ADOPTION OF AGENDA</u></b></p> <p>The President called the Meeting to order at 9.00 a.m. and thanked all present for the effort to attend the first Council meeting or the new council for 2010/2012. The Agenda, as circulated, was tabled and there being no objection, was unanimously adopted as follows;</p> <ol style="list-style-type: none"> <li>1. Address by the President</li> <li>2. Confirmation of the Minutes of 35<sup>th</sup> &amp; 36<sup>th</sup> Council Meeting held on 4<sup>th</sup> &amp; 6<sup>th</sup> August 2009 at Bali Indonesia</li> <li>3. Matters arising from the Minutes of 35<sup>th</sup> &amp; 36<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</li> <li>8. Any other matters</li> <li>9. Date and Venue of the next ASEAN FLAG Council Meeting</li> <li>10. Adjournment</li> </ol>	Info.
1.0	<p><b><u>ADDRESS BY THE PRESIDENT</u></b></p> <p>Assalamualaikum Wr Wb  Good morning  kap kun ka  Dear Mr. Khoo Boo Khean, Pengiran Matusin and Mr. See Seng Guang, as Aflag former President, Dr. Wichai Jiwalai as Senior President and also as a host of this meeting, Datuk Hamid bin Ali as Vice President, Council members, observers, ladies and gentlemen.</p> <p>First of all, let us Thank God that we are all in a good health and we can gather here at the 37<sup>th</sup> Aseanflag Council Meeting in Bangkok, at Centara Hotel, very convenience hotel and very good location for a "workshop". I am very please to have the presence of so many distinguished member at this meeting. We are honoured to have the presence Dr Khoo Boo Khean, former Aflag President. We also welcome distinguished observers from the region.</p> <p>On behalf of Aseanflag, I would like to thank to Dr. Wichai Jiwalai for his kind hospitality for hosting this meeting. And also thank you for the opportunity to attend the opening ceremony of GeoinfoTech 2009 conference and exhibition at Impact exhibition and convention center. Although there was a miss communication, 18 participants get on the wrong bus, if Dr Wichai did not come on the right time maybe we all going to AIT, anyway it was very good time for us.</p> <p>To the Philippines and Vietnam Delegates:  At this opportunity, I would like to express my highest appreciation who have been absent from our regular meeting for quite some time, and I would like to say welcome to all delegates and appreciate your presence at this meeting.</p> <p>Dear Councilors, members, ladies and gentlemen,  We have just finished successfully organized the 10<sup>th</sup> SEASC 2009 in Bali, several international association support the organizer to make the conference more meaningful. Again on behalf of BAKOSURTANAL, I would like to say thank you to all of you for supporting that event. For the next 2 years, 2011 which will be held in Kualalumpur. With the experience in Bali, Aseanflag as a flagship of SEASC, can also starting to organize actively, because this is can become one of our sources of funding.</p> <p>For the next SEASC after KL, shall we offer Philippines hosting the the 12<sup>th</sup> SEASC 2013, as we have been discussing during FIG Regional Conference in Hanoi last October 2009, I think it is fit to our schedule to ASEAN Country.</p>	Info.

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	<p>I also want to inform you, Several proposal come from CLGE and FIG, on today meeting we can discuss more detail about those proposal, I hope Mr Teo Chee Hai will give you more information about this.</p> <p>Regarding FIG Conference in Sydney April 2010, We have to discuss about offering from FIG to have Asean Flag meeting during FIG Conference in Sydney, this is unfortunate situation for us because of very expensive registration fee that might prevent us from attending FIG 2010 in Sydney.</p> <p>Distinguished members, ladies and gentlemen, Aseanflag has been established for almost 13 years, I am just wondering if we can make a kind of document about what Aseanflag has been doing and what our strategic plans are for our future association, so we will have a kind of record as an AFLAG document, and also as a material for promoting Aseanflag. This is because I am very anxious about membership of Aflag. We have to think how we can attract more delegates to be a member.</p> <p>Dear fellow members ladies and gentlemen, To the China Delegates especially to the Yunnan Association for Surveying and Mapping. Regarding other earthquake happened again in Indonesia last September, I would like to apologize to Mr. Yang Jundong for my late reply to your letter expressing deep sympathy of Padang Earthquake. On behalf of Indonesia I would like to express my appreciation to the Yunnan Association for Surveying and Mapping. I am concern about Aseanflag Website which has already revised and launched, with the address <a href="http://www.aseanflag.org">www.aseanflag.org</a> or .com It would be appropriate that the address of the old website should be redirected to this new address or it should be removed. And I hope that Ady Ruchiatan as a Honorary Secretary General can actively get the information and update it.</p> <p>Last but not least, this is my first council meeting as a President of AFLAG 2009-2011, I hope that with your understanding and support we would be able to address and act what we have discuss during regular meeting. I welcome you all to the 37<sup>th</sup> Councils Meeting Thank you for your kind attention and support.</p> <p>Wassalamualaikum wr wb. Diah Kirana Kresnawati, President AFLAG Bangkok, 16 December 2009</p>	
2.0	<p><b><u>CONFIRMATION OF THE MINUTES OF 35<sup>TH</sup> &amp; 36<sup>TH</sup> COUNCIL MEETING HELD ON 4<sup>TH</sup> &amp; 6<sup>TH</sup> AUGUST 2009 AT BALI, INDONEIS.</u></b></p> <p>The Minutes of the 35<sup>th</sup> &amp; 36<sup>th</sup> Council Meeting held in Bali, Indonesia on 4<sup>th</sup> &amp; 6<sup>th</sup> August 2009 was confirmed on the proposal of Mr Pengiran Matusin bin Matasan and seconded b by Mr Sugeng Prijadi.</p>	Info.
3.0	<p><b><u>MATTERS ARISING FROM THE MINUTES Minutes OF 35<sup>th</sup> &amp; 36<sup>th</sup> COUCNCIL MEETING.</u></b></p> <p><b>a.) Financial and Administrative Guidelines</b></p> <p>Mr. Tang Tuck Kim suggested to have a special fund for the country representatives. Mr. Gerry Ong suggested to allot a budget for the website. Mr. Teo Chee Hai supported the development of the website, he suggested to allot a budget for the outsourcing of the website. Mr. Tang said that right now, the organization do not have a lot of money so AFLAG still needs support from the members. Mr. Tang to finalize the report and</p>	Info.

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	<p>to present in the next meeting.</p> <p><b>b.) Mutual Recognition of Qualifications</b></p> <p>Mr. Teo Chee Hai presented the Mutual Recognition of Qualifications. He mentioned about the continuing professional education. He also suggested to have educational standard for surveyors. Mr. Teo mentioned that he needs cooperation from the members in this working group.</p> <p>Mr. Boy Reyes volunteered Mr. Randy Vicente to join the working group.</p> <p>Ms. Cristy Tambo shared that in the Philippines they just had the National Congress on Geodetic Engineering Education (CONGEE) last November 16, 2009 held at the University of the Philippines for the revision of the Geodetic Engineering curriculum. She said that the organization can have the curriculum to help come up with a standard curriculum.</p> <p>Dr. Wicha suggested preparing a form to be filled up for discussion next meeting. Mr. Reyes suggested that the members can have a discussion before the next meeting. Dr Wicha asked Mr. Teo to email the framework to all the council members.</p> <p>There had been a discussion weather proposed educational standards will be honored by the government. Ms. Cristy said that it would be a wake up cal to the government. She added that the proposal of the organization can influence the government a lot. Surveyors also work outside the country and it would be very good to have international standards to adopt international practice.</p> <p>Mr. Boy Reyes also volunteered Mr. Pedro Noble to join the working group.</p> <p>Proposed working group on Mutual Recognition:</p> <p>Mr. Randolf Vicente and Pedro Noble, Philippines Dr. Wicha Jiwalai, Thailand Mr. Teo Chee Hai, Malaysia Tuan Haji Zakaria, Brunei Mr. Pham Chi Tich, Vietnam Indonesia Singapore</p> <p><b>c.) Publication and Public Relations</b></p> <p>Mr. Pengiran Matasan said that the committee on publications is not formally organized. He added that Mr. Gerry is helping the committee. The new website address is <a href="http://www.aseanflag.com">www.aseanflag.com</a>. President Diah said that the newsletter must be out as soon as possible. The editor-in-chief and the secretariat to coordinate. Mr. Pengiran encouraged the members to look for sponsors for the newsletter. He mentioned that Trimble is one of the sponsors in the newsletter. Dr. Wicha suggested to have a discount for advertisement of the members. Ms. Cristy suggested to tap students or young members to help in the preparation of the newsletter. She also suggested to create a yahoogroups for the organization for easier distribution of communication and for the group discussions, she added to create facebook and friendster account too. The group accepted Ms. Cristy's suggestions and asked her to create the accounts for the organization. Ms. Bisma to give her list of email address to be invited.</p> <p>Mr. Teo also presented the 17<sup>th</sup> FIG Regional Conference in Hanoi Vietnam. He also presented the meeting between Council of European Geodetic Surveyors Mission and AFLAG.</p>	

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4.0	<p><b>Approval of New Membership Application (if any)</b></p> <p>Mr Gerry tabled the Membership application received from Geodetic Engineers of the Philippines as an Institutional Member, South Surveying &amp; Mapping Instrument Co. Ltd and Zondy Cyber Group as Sustaining Member. The Application was unanimously approved and the meeting welcome them into the organisation.</p> <p>The Certificate of Membership would be issued at the 38<sup>th</sup> Council Meeting.</p>	Info & Secretariat
5.0	<p><b>Report by the Honorary Secretary General</b></p> <p>Mr. Gerry Ong said that Mr. Ady Ruchiatan could not make it at the meeting because of his severe swollen eyes and he would be reporting on behalf of him.</p> <p>Mr Gerry reported ;</p> <p>(1) Apologise received from Council Members;</p> <p>Tuan Haji Mohd Jamil bin Mohd Ali - Brunei Darussalam Mr Yang Jundong - Yunnan China Mr Virgo Eresta Jaya - Indonesia Mr Irawan Sumarto - Indonesia</p> <p>With that Mr Gerry completed his report.</p> <p>The President thanked to Mr Gerry for the report.</p>	Info.
6.0	<p><b><u>FINANCIAL REPORT FOR THE MONTH OF AUGUST - DECEMBER 2009</u></b></p> <p>The financial report was tabled at the meeting for discussion. In relation to the Balance Sheet as at December 2009, The Treasurer, Mr Tang Tuck Kim reported that the finance of ASEAN FLAG is in a healthy state. As at December 2009, the accumulated funds carried forward are RM77,597.63.</p> <p>The treasurer was happy with the response received from members regarding his billings. However, he informed that there are still a few more arrears to be collected, and he requested all the country's representatives to assist in collecting the arrears form members in their respective countries.</p> <p>After due deliberation, the Accounts were found to be in order an unanimously approved by the Council.</p>	Info.
7.0	<p><b><u>REPORT BY THE NATIONAL REPRESENTATIVES</u></b></p>	
7.1	<p><b>CHINA</b></p> <p>Mr. Douglas's, Director, Yunnan Association for Surveying and Mapping reported that ;</p> <p>Good morning. I am very glad to be elected to be one of the Special Council Members (Co-opted) of ASEAN FLAG in the 36th Council Meeting in Bali Indonesia. I promise I will work hard as usual and contribute to the development of ASEAN FLAG.</p> <p>Today I want to say something about the attendance of surveyors and surveying companies of China to SEASC and other activities of ASEAN countries.</p>	Info.

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	<p>As early as 2004, with the help of ASEAN FLAG we attended the meetings and activities many times. With the recommendation of Yunnan Association for Surveying and Mapping, GuangZhou South Survey, China HuaCe, Zondy Cyber Group have joined the exhibition and activities of ASEAN FLAG, especially the 10<sup>th</sup> SEASC in Bali, Indonesia. This time they also rent the booth in Thailand National Conference on Space Technology and Geo-Informatics for presenting their product and catalogues. It certain that more and more surveyors and surveying companies will join the exhibition and activities of ASEAN FLAG to show their products and share the results with others from ASEAN countries.</p> <p>However we have difficulties in going abroad for business.</p> <ul style="list-style-type: none"> <li>● We should get the approval from Chinese government.</li> <li>● China is a non-English speaking country; we cannot communicate well in English.</li> </ul> <p>During these years we are so experienced in solving these problems. Besides, we also need authorization from ASEAN FLAG, authorize us to organize Chinese surveyors and companies to attend SEASC. If so, we can send announcements to them directly. With this, they may easy to go abroad and attend SEASC.</p> <p>On the other hand, if with this authorization, we are much easier to carry out the work in the wide range of China. Now I'm one of the special council members (co-opted) of ASEAN FLAG. I can discuss with Chinese surveyors and companies as council member of AFLAG. Besides, we also need a secretary to dealing with the daily work and translations for and between Chinese surveyors and companies, and ASEAN FLAG, just like what Miss Marina is doing. We hope she could be appointed as the secretary in China, so that she's much more convenient to carry out works. Of course, her salary is paid by us. You just appointed her a position. Please take into consider about this.</p> <p>After the meeting I will go to Chongqing China on 19 December for a Engineering Survey Conference of China. It is a gala for Chinese surveyors and companies. Most of them are my friends. I'm willing to introduce them to join ASEAN FLAG and SEASC. Their attendance may inject fresh blood to ASEAN FLAG. Please consider my advice.</p>	<p>Info.</p>
	<p><b>Speech from Mr Yang Jundong's</b></p> <p>Dear former President Mr. Khoo Boo Khean, Mr. Matusin, Mr. See Seng Guan, Dear President Ms. Diah, all of Council Members, Ladies and gentlemen,</p> <p>First of all, heartily congratulate on the new council of ASEAN FLAG and Ms. Diah successfully being elected President in Bali Indonesia. Yunnan Association for Surveying and Mapping will work hard as usual with the leader of new council, and spare no efforts for the development of ASEAN FLAG.</p> <p>Please forgive me for my absence this time. I hereby appoint Mr. Douglas to attend on behalf of me. He's much more familiar with the work of ASEAN FLAG. He will work out the new work program with the new council. YASM will make our plan in 2010 according to this, and cooperate well with ASEAN FLAG.</p> <p>The New Year is coming. May everyone here happy new year, and keep healthy. Madam President thanked to Mr Douglas .</p>	

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7.2	<p><b>INDONESIA</b></p> <p>Mr Sugeng Prijadi reported ;</p> <p><b>Issue of Mapping at the National Level and National Spatial Data Infrastructure</b></p> <p>The progress in the field of survey, mapping and charting, development of Indonesian National Spatial Data Infrastructure and Capacity Building is discussed in this country report.</p> <p>After experiencing disasters such as earthquake, tsunami, volcanic eruption, flood, landslides, forest fires that hit many times that caused casualties and damages, the role of spatial data becomes very significant. The availability of spatial data along areas prone to disaster is crucial.</p> <p>Besides, in order to make a good decision in national development, spatial data is now used in the planning activities. In the laws of national planning and regional government, the need to use spatial data for planning is stated clearly.</p> <p>This pushes all governments, central, provincial. District and municipal, in Indonesia to take action in making spatial data under its jurisdiction available and easily accessible. The central government is planning to allocate special budget for mapping in order to provide a timely, accurate, integrated, accessible national spatial data.</p> <p>The development of spatial data in Indonesia is now implemented based on the Presidential Regulation no 85/2007 concerning the National Spatial Data Network that was issued on August 3, 2007. According to the regulation there are 44 datasets that has to be completed by the data provider institutions. The number of the spatial datasets are plenty however the above 44 datasets are considered as key data that the availability of it will create more datasets that are derived from the key data.</p> <p>The regulation guarantees that the national spatial dataset will be complete, integrated and accurate because the regulation states about who is responsible for what dataset and what data standard to be adopted.</p> <p>The most difficult part to do is how to ask over more than 500 data provider institutions spread over the country to work together in producing spatial data of Indonesia. The capability of each institutions is not uniform. Almost all central and provincial government institutions are capable however almost all regional district government institutions are less than satisfactory.</p> <p>The progress in the field of survey, mapping and charting, development of Indonesian National Spatial Data Infrastructure (NSDI) and Capacity Building is discussed in this country report.</p> <p><b>2. MAPPING ACTIVITIES</b></p> <p>The national program of BAKOSURTANAL is intended to produce the national base maps in digital vector and raster forms either for land, marine or air in the frame work of provision of geospatial data and information for the whole region of Indonesia in various scales and also to support the development of the National geo-Spatial Data Infrastructure (NSDI).</p> <p><b>2.1 Base Mapping</b></p> <p>All the geo-spatial data in Indonesia have been produced and maintained by BAKOSURTANAL, which cover the National Atlas at scale of 1:1,000,000 and 1:500,000, ad the series of Digital Topographic (Maps) Database starting at scale 1:250,000 and 1:50,000 for the entire land of Indonesia, up to scale 1:25,000 for the rapid developed area, including scale of 1:10,000 for urban/rural area in supporting the regional spatial management and post natural disaster reconstruction activities.</p> <p><b>2.1.1 Digital Topographic Maps</b></p> <p>The availability of Digital Topographic Maps at scale 1:250,000 covers only 80% (246 map</p>	Info.



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	<p>sheets) of the country's total area comprising 306 map sheets. The more precise Digital Topographic Maps than scale of 1:250,000 covers only part of the country, such as the topographic (vector) maps at scale 1:50,000 covers only 55% (2129 map sheets) of the country's total area comprising 3888 map sheets and the topographic image (raster)maps at scale 1:50,000 covers only 4.5% (176 map sheets) of the country's total area comprising 3888 map sheets.</p> <p>The Digital Topographic Maps in 3Dimensional mode at scale of 1:25,000 covers about 13.6% (1776 map sheets) of the country's total area comprising 13,005 sheets. The Digital Topographic Maps in 2D/3D mode at scale 1:10,000 about 881 map sheets which also covered the post natural disaster area of Nanggroe Aceh Darussalam province and before earthquake at Padang-Bengkulu area.</p> <p>The existing base maps for the National Development Program are topographic maps at scale of 1:50,000 including scale 1:25,000 for Java-Bali-Nusa Tenggara. The priority areas where map of this accuracy level at scale 1:50,000 are not available and need to be constructed regarding the 87.5% of Sumatera, 10% of Kalimantan, 48% of Molucas and 71% of Papua areas.</p> <p>The basic data at scale of 1:250,000, though covers the entire land of Indonesia has inherent limitations in the geographic information content. Therefore, an urgent need to construct data at a scale of 1:50,000 as mentioned above is required.</p> <p><b>2.1.2 Seamless Digital Topographic Database</b> Conventionally, the digital topographic maps were managed in map sheet size basis at a certain level of map scales using Universal Transverse Mercator (UTM) map projection system. In supporting the advance spatial analysis and management programme for the regional government in spatial planning activities, and vehicle land navigation system, those existing digital maps have geometrically been integrated into a uniform geographical coordinate system for the entire Indonesian country area, namely seamless digital topographic data.</p> <p>The provide ease of accessibility through the seamless digital topographic data, the technology of interoperability geo-spatial database management system was introduced. To penetrate the mobility users access interaction based on the web-internet GIS, a specific graphical user-friendly interface was also developed using open-source programming codes. Now the users are allowed to access using <a href="http://pdrtr.bakosurtanal.go.id/peta">http://pdrtr.bakosurtanal.go.id/peta</a> although these geo-spatial database system is still under construction and development.</p> <p><b>3.PRODUCT OF MARINE RESOURCES SURVEY</b> The Marine Resources Survey has several important functional activities which covered in controlling technical policy implementation on stocktaking, balance and database of marine natural resource and environment area; monitoring, tuitioning and founding activities on stocktaking, balance and database of marine natural resource and environment area by another government institution; coordinating of technical policy implementation on stocktaking, balance and database of marine natural resource and environment area.</p> <p>The main program of Marine Resources Survey is to provide the basic thematical geo-spatial data and information of marine natural resources for supporting the inventorisation of Natural Resources of Qutermost Small Island, Marine Natural Resource Stocktaking and Balance, including the establishment of the geo-spatial Database of Marine and Coastal Natural Resources. In general, various products of basic thematically marine and coastal natural resources data are stored in digital maps form using GIS database functional capabilities.</p> <p><b>NATURAL RESOURCES OF OUTERMOST SMALL ISLAND</b> The activity of natural resources inventory and mapping of outermost small islands are performed by the Center for Marine Natural Resources Survey of BAKOSURTANAL. Inventory and evaluation of activities of natural resources requires the outermost small islands availability of basic data that can be accessed quickly, accurately and easily digestible for a variety of data among users. One of the activities that can support an</p>	

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	<p>inventory of activities is the development of Islands directory contains the basic Data Environment and Geographic Information System. Islands Development Directory is a secondary data collection activities on the islands and the presentation of the data that gives an overview of the geography, ecology and human influences (human impact). To support the islands' directory is a compilation of data for mapping the outer island ecosystem with a small scale for 92 (ninety-two) outer islands of Indonesia to deal SP4K working group. Whereas for medium scale in the selection done in several locations.</p> <p><b>4. THE DEVELOPMENT OF THE INDONESIAN NATIONAL SPATIAL DATA INFRASTRUCTURE (NSDI)</b></p> <p>The development of NSDI has now been implemented in a more focus way since the issuance of the Presidential Regulation 85/2007 concerning the National Spatial Data Network. The regulation deals with network connections, network nodes, network connector, spatial data, standard, data sharing and distribution and budget.</p> <p>Based on the regulation, the development is implemented two folds. The first development is concentrated in the network nodes development and the second is the network connector development. The network nodes are government data provider institutions consisting more than 500 nodes. The nodes have tasks to provide spatial data under its responsibility and make it accessible to users. The nodes connector has tasks to integrate the network and spatial data so that data is accessible to users and hence data sharing is realized. In this tasks, the connector should determine a network, adopt standard, develop data access application and assist and support the nodes development. In the regulation BAKOSURTANAL is appointed as the network node connector.</p> <p>The development of the nodes is implemented through a coordination procedure and consider is the most difficult part. There is a coordination meeting run every year where all node institutions confer to discuss and solve all matters related to the realization of the Presidential Regulation, especially the production and sharing of nationally integrated spatial data. In addition to that, there is also a technical meeting which is run at least every two month, but this is participated by the central agencies only.</p> <p>The more frequent meeting with the regional nodes, especially in district levels where air transportation is not available, is still a problem because they are separated away in the country that make them difficult to attend. To cope with this problem communications with electronic mail, telephone, partial meeting located in the region, sending NSDI bulletin and so on.</p> <p>The development of the network node connector consists of activities as follows; the development of NSDI geoportal or clearinghouse that allows user to search, view, order, purchase and download spatial data that is stored in geographically distributed node database servers. The development will make use of web 2.0 technology and will be based on Service Oriented Architecture (SOA) network methodology. For this purpose, BAKOSURTANAL, started in 2007 has been establishing the NSDI geoportal and it is expected to be completed in 2013.</p> <p>The other activities that is carried out as the connector, BAKOSURTANAL and the National Standard Agency is compiling spatial data standards, develop national spatial metadata, technical and non-technical advice and training support to node institutions in developing the capability in producing and publishing of their own data.</p> <p>The development of the national spatial metadata consist of the development of metadata standard, metadata and create metadata services. The nodes institutions agreed to adopt the Federal Geospatial Data Committee (FGDC) metadata standard as Indonesian NSDI metadata standard. The collection of metadata records are carried out in two ways, some nodes collect, stored and publish by themselves and some others ask BAKOSURTANAL to help. Until now there is about 6000 metadata records has been in the collection and can be accessed through internet. For accessing the metadata, a clearinghouse application is developed using Geonetwork open source software.</p> <p>The advisory and training support for the nodes development are carried out by BAKOSURTANAL. There is a program for carrying out of these activities but is also carried</p>	

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	<p>out by request from the nodes The technical training consists of installing of system (hardware, software and network), database management, web map service and metadata service application. The non-technical advisory deals with the administrative or legal aspects of the nodes establishment. BAKOSURTANAL gives advices and support for the provincial or district legislatives and executive in developing the node.</p> <p>The advisory and training support to the nodes are implemented not just by BAKOSURTANAL but also by academia. It is planned that there will at least one university in each province that will carried out the advisory and training support for the node in the province. At present, there are four universities involved int his activity namely; Bandung Institute of Technology, National University of Padang, Surabaya Institute of Technology, University of Mulawarman.</p> <p>Mr Sugeng also presented their report for the South East Asian Survey Congress 2009 which was held in their country last August 4-7, 2009.</p> <p>The President thanked to Mr Sugeng Prijadi for his report.</p>	
	<p><b>REPORT FROM THE NATIONAL LAND AGENCY (BPN) THE CURRENT STATUS AND ISSUES OF MAPPING AT THE NATIONAL LEVEL AND NATIONAL SPATIAL DATA INFRASTURE</b></p> <ol style="list-style-type: none"> <li>1. GPS/GNSS Badan Pertanahan Nasional has its CORS (Continuous Operating Reference Station) in Greater Jakarta by the end of this year. This will be the initiation of establishing the CORS that cover most area of Indonesia in the future. This program will replace the establishment of ground control point that cost a lot of effort to build and maintain. However there is an issue to coordinate and share those CORS which are now managed by different agency in the nation. In addition there is also demand to connect and share this data globally to the International Reference Agency. These issues of coordination and data sharing was raised in the Indonesian Surveyor Association Seminar in Semarang, December 23<sup>rd</sup> 2009.</li> <li>2. CADASTRAL SURVEY Cadastral Survey in Indonesia has covered 38 millions of parcels in Indonesia. However only 6 millions of parcels has been digitally mapped. The others are now stored in different kind of cadastral maps in local BPN offices.  To speed up the cadastral survey achievements BPN had launched Larasita last year. This is a mobile land registration to provide the greater access of land registration and land information system in the remote area. Every Larasita brigade is equipped with two motorcycles for the cadastral surveyor doing the land surveying. This year BPN add another 150 Larasita vehicles to the some local offices in Indonesia. The total number of Larasita is 274 now.  The low rate of registrations also due to the lack of surveyor within BPN. The role of private (licensed) surveyor had been introduced since 1998 but the contribution is limited. It is proposed that the regulation should be amended or revised. The area of revisions include the nation wide coverage of the license and the flexibility of the surveyor operation that should act as individual. Nowadays, their coverage is only one Kabupaten and they should join a company in order to do the mass cadastral survey.</li> <li>3. LAND ACQUISITION It is identified that Land Acquisition process in Indonesia is quite lengthy. It gives uncertainty to the development of infrastructure in the country. The new reformed process should be introduced. It is proposed that the regulation should be put in the higher level (act/law) instead of the Presidential Decree as it is now.  The drafting of Land Acquisition Act has been initiated and planned to be</li> </ol>	Info.

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	<p>accomplished within 100 days of the new government. The draft itself will be proposed to the parliament within one year to have approval. It will regulate the whole process of land acquisition including cadastral and valuation process.</p> <p>4. LAND INFORMATION SYSTEM</p> <p>The project for data conversion from analogy to digital has been commenced more than five years ago. It covers 18 out of 34 millions parcels in Indonesia. This activity is still undergoing now. Today, the information now is used currently merely for speed up the process in internal land administration itself. Although they may also be used by other government institutions and local government, it is not very frequent. One of some reasons is no service provided for data sharing.</p> <p>Currently the National Land Agency plans to develop a 'service oriented' system. The WMS enable National Land Agency to share information without risking the data loss. This service will be suitable for public data sharing. WFS will be implemented for data sharing between government agencies. In addition portal service will be implemented for authentication and presentation purpose. Standard web service is adopted for the ease and simplicity of data access, cost saving in application development and freedom to choose data spatial/GIS software format in National Data Infrastructure.</p> <p>It is also identified that there is an urgent need to maintain our land archive. There is an initial study to review the BPN needs in digital archive system. This Project is still in the pre assessment phase. Due to the volume of the project, BPN needs to cooperate with the overseas agencies in terms of the experience and funding.</p>	
7.3	<p><b>MALAYSIA</b></p> <p>Mr. Teo Chee Hai presented an audio visual presentation for the Land Surveyors Board of Malaysia. He showed the proposal to host the FIG 2014 Congress.</p> <p>Madam President thanked to Mr Teo Chee Hai</p>	Info.
7.4	<p><b>PHILIPPINES</b></p> <p>Mr. Boy Reyes presented the Geodetic Engineers of the Philippines Inc.</p> <p>Madam President thanked to Mr Boy Reyes for his presentation.</p>	Info.
7.5	<p><b>SINGAPORE</b></p> <ol style="list-style-type: none"> <li>1. Land Surveyors Board, Singapore successfully hosted the 25<sup>th</sup> Joint Board meeting on 16<sup>th</sup> &amp; 17<sup>th</sup> August 2009 for the Land Surveyors Board of Peninsular Malaysia, Sabah, Sarawak, Brunei &amp; Singapore.</li> <li>2. Annual LSB exam 2010 conducted in October/November 2009.</li> </ol> <p>President thanked to Singapore for the report.</p>	Info.
7.6	<p><b>VIETNAM</b></p> <p>Mr Pham Chi Tich reported ;</p> <p>The cadastre and engineering survey company (CESC) is a First Class State Company,</p>	Info.

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	<p>directly dependent on the Ministry of Natural Resources and Environment, operating for business production in the field of Surveys and mapping, land management and environment.</p> <p>CECSC has 18 enterprises which located in the whole country. CECSC is implementing the quality management system according to the International Standard ISO 9001:2000. With over 1.500 employees (senior doctor, masters engineers, technicians, etc), the company has over 45 years in operating for business production in the field of Surveys and mapping, land management produced by digital technology, together with using recognized software from developed countries, as well as the software has been programmed by CECSC. Company has implemented some main projects;</p> <ul style="list-style-type: none"> <li>- Modernization and improving perfectly the State Elevation Networks 1, 2 and 3 classes in the whole country. Surveying topographical maps and executing database of Geographic Information System in Ho Chi Minh City and provinces in the whole country. Surveying topographical maps for Hydro electric plans and surveying seabed topographical maps in provinces and Island.</li> <li>- Surveying cadastral digital maps and forming cadastral documents in order to issue using land license; adjusting some modifications of maps and land managing documents for 58 provinces and cities in the country; projecting plan and using land. Execution of Land Information System and Real Estate System</li> <li>- In the year 2008-2010; CECSC has been implementing the projects: Modernization (Restoring) and improving perfectly the State High System at Cambodia.</li> <li>- In recent years, CECSC has implemented many projects about environment: environmental Protection of Con Dao island, Phu Quoc island; Environmental Planning for many provinces in the South of Vietnam; Environmental Impacts Assessment of many major projects such as ecological urban, industrial park, manufactory, road, etc; designing, constructing wastewater and air emissions treating systems; treating solid waste in some provinces such as Quang Binh, Hau Giang, Soc rang; watershed management for Mekong river, Ba Lang river and Maspero canal; environmental condition monitoring with the laboratory ISO/IEC 17025:2005</li> </ul> <p>Practical professional expertise and total commitment to quality are the basis which our clients are used to and future client.</p> <p>We are looking forward to establishing partnership with you .</p> <p>Thank you.</p> <p>Madam President thanked Mr Pham Chi Tich for his report.</p>	
8.0	<b>Any other matters</b>	
8.1	<p><b>12<sup>th</sup> SEASC</b></p> <p>Madam President mentioned that the Philippines submitted their proposal to be the host of the 12<sup>th</sup> South East Asia Survey Congress Meeting on October 2013.</p>	
8.2	<p><b>FIG 2010, SYDNEY 2010</b></p> <p>Madam President informed that the FIG 2010 has an expensive registration fee. She said that ASEAN FLAG is already 13 years and she requested the publication committee to prepare a documentation for the organization. She also mentioned that the new website for Asean Flag is <a href="http://www.aseanflag.org.com">www.aseanflag.org.com</a>.</p>	

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9.0	<p><b>Date and Venue of the next ASEAN FLAG Council Meeting</b></p> <p>The Geodetic Engineers of the Philippines invited the members to hold the next meeting in the Philippines. Mr. Sugeng Prijadi suggested holding the next meeting on March because FIG is also on April. The Council agreed that the next meeting will be on April 29, 2010 to be held in the Philippines.</p> <p>Proposed Date and Place of the next meetings:  August 2010 - Brunei  November 2010 - China  March 2011 - Indonesia</p>	
10	<p><b>ADJOURNMENT</b></p> <p>There being no other matters to discuss the 37<sup>th</sup> council meeting was adjourned by President Diah Kirana Kresnawati at 5:30p.m.</p> <p><b>GERRY ONG</b> Council Member</p> <p><b>DIAH KIRANA KRESNAWATI</b> President</p>	