

THAI SPACE LAW

: PAST, PRESENT AND FUTURE PERSPECTIVES

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For

UN/China/APSCO Workshop on Space Law

17-20 November 2014, Beijing, China

CONTENTS

- **1. Thai space activities**
- **2. Thai Space Policy**
- **3. Thai Space Regulator**
- **4. Thai Space Regulation**
- **5. Conclusion**

THAI SPACE ACTIVITIES

THAI SPACE ACTIVITIES

- **More than 40 years, Thailand entered into the applications of space activities and technologies to enhance the development of country (four basic space activities and applications in Thailand: Space telecommunication, Remote sensing, Satellite navigation; and, Research & development.)**

THAI SPACE ACTIVITIES

- For Thailand's Satellite Project,
 - the first Thai satellite, namely **Thaicom-1**, was launched into geostationary orbit since 1993.
 - Currently, Thailand has a multiple spot beam satellite, namely **Thaicom-4 (IPSTAR)**, **Thaicom-5**, global beam coverage on Asia, Europe, Africa and Australia, **Thaicom-6**, a hybrid Ku-and C band payload satellite and **Thaicom-7**, regional beam in South Asia, South-east Asia, Australia and New Zealand.

THAI SPACE ACTIVITIES

- For Remote Sensing Activities,
 - In 2000, Geo-Informatics and Space Technology Development Agency (**GISTDA**) was established.
 - **THEOS** was constructed and launched by 2008.

THAI SPACE ACTIVITIES

- **For Space Research & Development,**
 - Thailand is a Member of APSCO.
 - Thailand joints many projects of APSCO such as: Student Small Satellite (SSS) Project; Ka Band Rain Attenuation Modeling project; the Small, Multi-Mission Satellite (SMMS) project, etc.

THAI SPACE ACTIVITIES

- **For Agencies involving with Space Activities,**
 - In Thailand, there are approximately 100 department-level government agencies and universities involved with space activities:
 - Some are involved with the policy and administration of space activities; and,
 - Almost equally rare are agencies involved with **Space Law & Policy.**

THAI SPACE POLICY

VISION OF THAI SPACE DEVELOPMENT

Thai space affairs will mobilize socio-economic security, high quality of life for Thai people, and world peace.

MISSION OF THAI SPACE DEVELOPMENT

- To promote cooperation in the development and adoption of space technology both domestically and internationally in order to maintain socio-economic security of the country as well as sustainable development.

GOALS OF THAI SPACE DEVELOPMENT

- 1. Adoption and utilization of space technology to develop a knowledge-based society and learning under the sufficiency economic system;
- 2. Promotion of scientific and space technology researches for sustainable development.

THAI STRATEGIES FOR SPACE DEVELOPMENT

- At present, there are seven strategies for Thai space development.
- One of them is the development of “**National Space Law**”.
- Another is the integrative management of national space affairs by establishing the Thai Space Regulator.

THAI SPACE REGULATOR

THE PAST REGULATOR

- Ministry of Information and Communications Technology (MICT)

THE PRESENT REGULATOR

- The National Committee on Space Policy (NCSP)
- Ministry of Information and Communications Technology (MICT)

THE FUTURE REGULATOR

- **Thai Space Agency (TSA)**

THAI SPACE REGULATION

THE PAST & PRESENT REGULATION

- **International Level;**
 - **In 2004, Thailand was a member of Committee of Peaceful Uses of Outer Space (COPUOS).**
 - **The Declaration of Legal Principles Governing the Activities of States in the Exploration and Uses of Outer Space 1963.**
 - **Outer Space Treaty 1967 and Rescue Agreement 1968.**
- **Domestic Level;**
 - **the Concession Agreement.**
 - **Act on Organization to Assign Radio Frequency and to Regulate the Broadcasting and telecommunication Services B.E. 2553 (2010).**

THE FUTURE REGULATION

- **Thai Space Law** needs to be drafted in order to implement international space principles and Thai Space Master Plan.
- For drafting Thai Space Law, the Legal Development and International Cooperation Committee shall be established.

CONCLUSION

- In the future, Thailand shall apply **Thai Space Law** to all national space activities in order to reach to the target of Thai Space Policy, to strengthen the rule of law and to promote sustainable space development. Therefore, **Thai Space Law** need to be drafted without delay.

**THANK YOU
FOR
YOUR ATTENTION**