## Fall Semester 2004

Part 3







# Content

No. 2



- **≻**General
- **≻Policy (1967-2004)**
- **≻Project STMS II**
- > Requests from Audience for Lectures

### **General**

Contact No. 3



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# Introduction

Goal Definition of this Lecture

No. 4



The goal of this lecture is to understand the basic space laws and to discuss about their relevance and weak points concerning tourist spaceflight activities.

# **Policy**

### Outer Space Treaty (1967)

No. 5



#### Facts:

The Outer Space Treaty stipulates the principle of "exploration and use of outer space". It can be considered as the backbone of international space law.

#### Weak Point:

Liability of the launching state for damages caused by a space object is not clear. It is unclear which liability regime would apply in the event that a nongovernmental entity's space mission resulted in harm to a foreign citizen.

#### Background:

The Warsaw Convention (1929) is an international private law treaty and has helped to establish international air travel, by limiting airlines' liability for damages in the event of injuries to passengers or loss of baggage. It has been proposed that a space law agreement should be based on this Convention.



# **Policy**

Rescue Agreement (1968)

No. 6



#### Facts:

This agreement is about the rescue of astronauts, the return of astronauts and the return of objects launched into outer space.

#### Weak Point:

The agreement does include passengers so spacetourists may not fall into the scope of the agreement and therefore may not take advantage of the rules stipulated there.



## **Policy**

### Liability Convention (1972)

No. 7

#### Facts:

Article II provides the launching state's absolute liability for compensation of damage on the surface of the Earth or to aircraft in flight. Accordingly, states have the right to refuse private enterprises to practice space tourism.

#### Weak Point:

It is imaginable that states refuse to allow The States Parker to the Con exaggerated requirements.



# **Policy**

### Registration Convention (1976)

No. 8



#### Facts:

Member States conducting space launches have been requested by the Committee to provide the United Nations with information on their launchings. Private enterprises need to comply with the registration procedure.

#### Weak Point:

A problem occurs when a launching state is not a Registration Convention.



(United Nations)

### **Policy**

### Moon Agreement (1979)

No. 9



#### Facts:

According to the Moon Agreement, celestial bodies and their resources shall not be subject to sovereignty claims.

#### Weak Point:

The Moon Agreement does not have a high practical relevance, because the agreement does not prevent states other than the contracting Taking and account the need to define and develop the states from claiming national sovereignty for the respective celestial 2. For the purposes of this Agreement reference to the mi body.



# **Policy**

H.R. 3752 (2004)

No. 10



#### Facts:

In March 2004, the House passage of legislation set guidelines for the future space tourism industry. The House bill gives regulatory authority over human flight to the Federal Aviation Administration's Office of Commercial Space Transportation. To make it easier to test new types of reusable suborbital rockets, this bill gives the FAA office the authority to issue experimental permits that can be obtained more quickly and with less bureaucracy than licenses.

#### Weak Point:

It is unknown what scheme, if any, for suborbital tourism can make a profit. But instead of maximizing the number of schemes that can be tried, it is poised to minimize them by this framework.

H.R.3\*\*S2
Tallet: To promote the development of the emerging commercial human space flight industry, to extend the habitity indemnatication regime for the commercial space transportation industry, to authorize appropriation for the Office of the Associate Administrator for Commercial Space Transportation, and for other purposes.

Spansor: Rep. Rohrabacher, Daniel (CA-46) (introduced 2/3/2004) Commercial Space Transportation, and for other purposes.

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Related Billie: H.R.E.5-546, S. 1260, S. 2772

Latest Majon Action: 2/8/2004 Referred to Senate committee. Status: Received in the Senate and Read twice and referred to the Committee on Commerce, Science, and Transportation.

House Reports: 108-429

(Library of Congress)

