

Equitable Access to Secure, Affordable, and Reliable LEO Broadband Satellite Services - a development perspective

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# Cyberspace and International law

# current relevant UN venues

**UNODA** 

(UN Office for Disarmament Affairs)







#### **Group of Governmental Experts**

In GA resolution 73/266, the Secretary-General was requested to establish a Group of Governmental Experts on Advancing responsible State behaviour in cyberspace in the context of international security.

The GGE will also hold its first meeting in 2019 and is to submit its final report to the General Assembly in 2021. The group will be comprised of 25 members and its Chair will hold two informal consultations with all UN Member States in between its sessions. The mandate also includes consultations on the subject to be held with regional organizations, such as the African Union, the European Union, the Organization of American States, the Organization for Security and Cooperation in Europe and the Regional Forum of the Association of Southeast Asian Nations.

The Group of Governmental Expert comprises experts from 25 States working in their personal capacity. The Group has elected Ambassador Guilherme de Aguiar Patriota of Brazil to Chair the Group.

The members of the GGE come from the following countries:

Australia

Brazil

China

Estonia

France

Germany

India

Indonesia





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#### **Open-ended Working Group**

Through resolution 73/27, the General Assembly established an Open-Ended Working Group (OEWG), in which all UN Member States are invited to participate. The Group will convene for the first time in 2019 and report back to the General Assembly in 2020. The OEWG process also provides the possibility of holding intersessional consultative meetings with industry, non-governmental organizations and academia.

Ambassador Jürg Lauber of Switzerland was elected by acclamation to Chair the Open-ended Working Group.

#### Schedule of meetings

- 1. Organizational session New York, 3-4 June 2019 (CR4)
- 2. First substantive session New York, 9-13 September 2019 (CR4) WEBCAST ( Please use Internet Explorer for optimal viewing inside UNHQ network)
- 3. Intersessional meeting with Industry Partners and NGOs New York, 2-4 Dec 2019 (CR1)
- 4. Second substantive session New York, 10-14 February 2020 2020 WEBCAST ( Please use Internet Explorer for optimal viewing inside UNHQ network)
- 5. Third (and final) substantive session New York TBC

#### Documents of the third round of informal meetings of the OEWG (17 - 19 November 2020)

- 1. OEWG Chair's letter on the third round of informal meetings (26 October 2020)
- 2. Draft Programme of Work of the third round of informal meetings (26 October 2020)

#### **Related Pages**

Other Disarmament issues

Conference on MENWMDFZ

Counter-Terrorism-Strategy

Disarmament and development

Disarmament education

Disarmament and Youth

**Environmental norms** 

**Gender Perspectives** 

International ICT security

Multilateralism





## Ad hoc committee established by General Assembly resolution 74/247

#### Meetings of the Ad Hoc Committee

- Organizational session, New York, 10-12 May 2021
- · First session, New York, 17-28 January 2022

#### About the Ad Hoc Committee

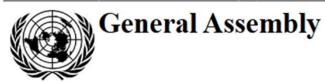
Through its resolution 74/247, the General Assembly decided to establish an open-ended ad hoc intergovernmental committee of experts, representative of all regions, to elaborate a comprehensive international convention on countering the use of information and communications technologies for criminal purposes, taking into full consideration existing international instruments and efforts at the national, regional and international levels on combating the use of information and communications technologies for criminal purposes, in particular the work and outcomes of the open-ended intergovernmental Expert Group to Conduct a Comprehensive Study on Cybercrime.

Pursuant to General Assembly resolution 74/247, the ad hoc committee convened a three-day organizational session in May 2021, in New York, in order to agree on an outline and modalities for its further activities, to be submitted to the General Assembly at its seventy-fifth session for its consideration and approval. The organizational session was originally scheduled to take place in August 2020 but due to the impact of the COVID-19 pandemic, the General Assembly decided through first its decision 74/567 of 14 August 2020 and then 75/555 of 15 January 2021 to postpone the organizational session of ad hoc committee to 10-12 May 2021.

The ad hoc committee elected the Officers of the Committee and discussed an outline and modalities for its further activities at its



United Nations A/C.3/74/L.11



Distr.: Limited 11 October 2019

Original: English

Seventy-fourth session
Third Committee
Agenda item 107

Countering the use of information and communications technologies for criminal purposes

Belarus, Cambodia, China, Democratic People's Republic of Korea, Myanmar, Nicaragua, Russian Federation and Venezuela (Bolivarian Republic of): draft resolution

Countering the use of information and communications technologies for criminal purposes



### Cyberspace and the Law of the Horse



Frank H. Easterbrookt

When he was dean of this law school, Gerhard Casper was proud that the University of Chicago did not offer a course in "The Law of the Horse." He did not mean by this that Illinois specializes in grain rather than livestock. His point, rather, was that "Law and . . . " courses should be limited to subjects that could illuminate the entire law. Instead of offering courses suited to dilettantes, the University of Chicago offered courses in Law and Economics, and Law and Literature, taught by people who could be appointed to the world's top economics and literature departments—even win the Nobel Prize in economics, as Ronald Coase has done.

I regret to report that no one at this Symposium is going to win a Nobel Prize any time soon for advances in computer science. We are at risk of multidisciplinary dilettantism, or, as one of my mentors called it, the cross-sterilization of ideas. Put together two fields about which you know little and get the worst of both worlds. Well, let me be modest. I am at risk of dilettantism, and I suspect that I am not alone. Beliefs lawyers hold about computers, and predictions they make about new technology, are highly likely to be false. This should make us hesitate to



## cyber law vs. real law

## 'Old-real' vs 'new-cyber' approach

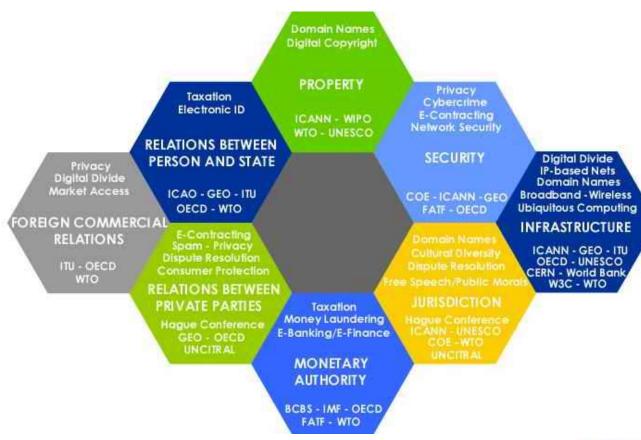
There are two approaches to almost every Internet governance issue. The 'old-real' approach – think 'new wine in old bottles' – argues that the Internet has not introduced anything new to the field of governance. It is just another new device, from the governance perspective, no different from its predecessors: the telegraph, the telephone, and the radio.

#### Internet Governance Paradigm Old-Real vs New-Cyber 9/11 2001 - TERRORIST ATTACK DOT.COM BURBLE BURST - 2000 ANONYMITY STABILITY END OF AUTHENTICATION SECURITY - SOVEREIGNTY ESTABLISHED OLD RULES STRUCTURES GOVERNMENTS PHENOMENON INTERNATIONAL REAL LAW ORGANISATIONS OLD-REAL

© J. Kurbalija, Introduction to Internet Governance



Real law vs cyberspace







narrow approach



law behind "core of the Internet" (telco infrastrucutre/DNS/TCP/IP, root-servers?)

administering key internet resources

Internet backbone / property law





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RESEARCH

## Global Commission Proposes Definition of the Public Core of the Internet

July 3, 2018







#### The internet's undersea world Alexandria, Wednesday A ships author accidentally rate feer ratios, tradeslates and PLAG Europe Asia. Taiwan, 2006 UNITED JAPAN None octav ATLANTICICION. AFRICA AUSTRALIA AUSTRALIA NEW ZEALAND NEW ZEALAND Internet users affected by the Alexandria accident World cable capacity The longest submarine cables The world's cables in bandwidth The SeaMirkin-1 system from fronten in Germany to Keope, South Konea comments 22 different countries with 24 landing 60m 12m Capacity in trodytes a second 6m 4.7m 7.1 tops 1.7m 0.8m 5.7 tbps 0.3m **LODZ CYBER** 0.2m © 1.00+ © 10-19 © 1-47

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general approach

legal framework for Internet Governance "the joint development and application by

- Governments,
- the private sector and
- civil society,

in their respective roles,

of shared principles, norms, rules, decisionmaking procedures, and programmes

that shape the evolution and use of the Internet."

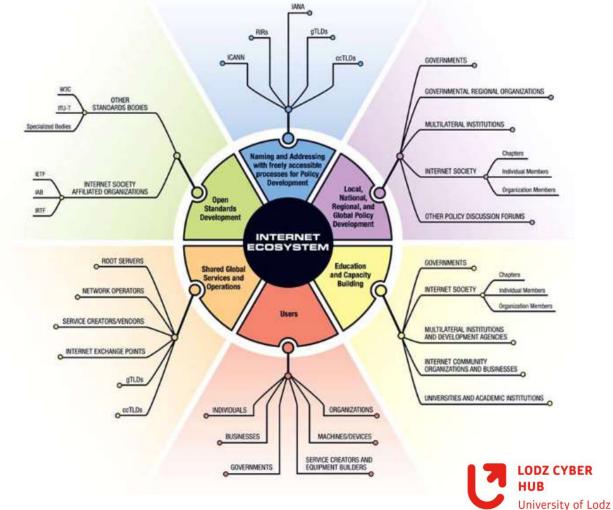
Report of the Working Group on Internet Governance (2005), pt. 10, p. 4.

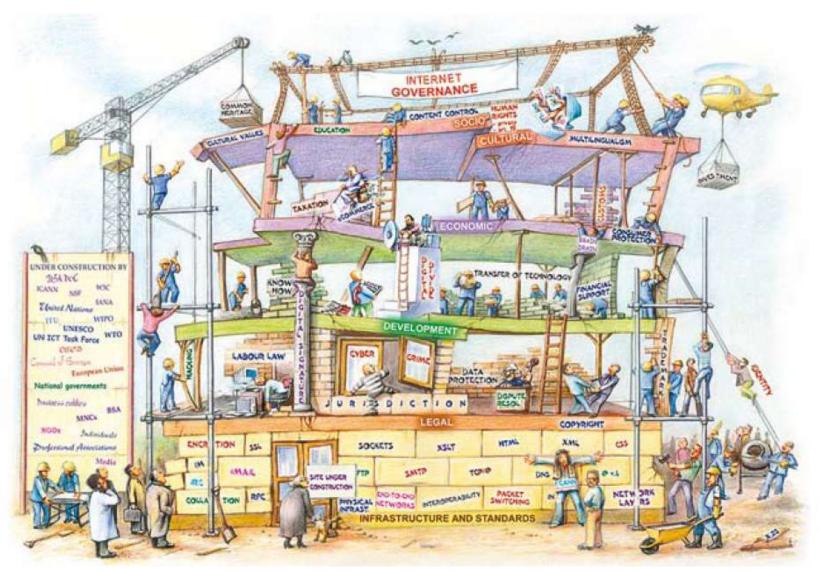




## MULTISTAKEHOLDER GOVERNANCE

Source: Internet Society https://www.internetsociety.org/resources/doc/2016/internet-governance-whythe-multistakeholder-approach-works/











## Promise of the Tunis Agenda

Agenda for the Information Society - Tunis 2005

C. Internet Governance

- 29. We reaffirm the principles enunciated in the Geneva phase of the WSIS, in December 2003, that the Internet has evolved into a global facility available to the public and its governance should constitute a core issue of the Information Society agenda. The international management of the Internet should be multilateral, transparent and democratic, with the full involvement of governments, the private sector, civil society and international organizations. It should ensure an equitable distribution of resources, facilitate access for all and ensure a stable and secure functioning of the Internet, taking into account multilingualism.
- 30. We acknowledge that the Internet, a central element of the infrastructure of the Information Society, has evolved from a research and academic facility into a global facility available to the public.
- 31. We recognize that Internet governance, carried out according to the Geneva principles, is an essential element for a people-centred, inclusive, development-oriented and non-discriminatory Information Society. Furthermore, we commit ourselves to the stability and security of the Internet as a global facility and to ensuring the requisite legitimacy of its governance, based on the full participation of all stakeholders, from both developed and developing countries within their respective roles and responsibilities.



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Technology

2 minute read: February 27, 2022 1:17 Alv GMT+1 - Last Updated 9 months ago

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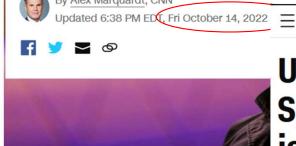
### Musk says Starlink active in Ukraine as Russian invasion disrupts internet

By Hyunjoo Jin

The Biden Presidency Facts First 2022 Midterms

## Exclusive: Musk's SpaceX says it can no longer pay for critical satellite services in Ukraine, asks Pentagon to pick up the tab

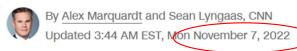
cm politics



SpaceX owner and Tesla CEO Elon Musk speaks during a conversation with Uthe E3 gaming convention in Los Angeles, California, U.S., June 13, 2019. REL

Ukraine suffered a comms outage when 1,300 SpaceX satellite units went offline over funding issues

Facts First





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The Biden Presidency

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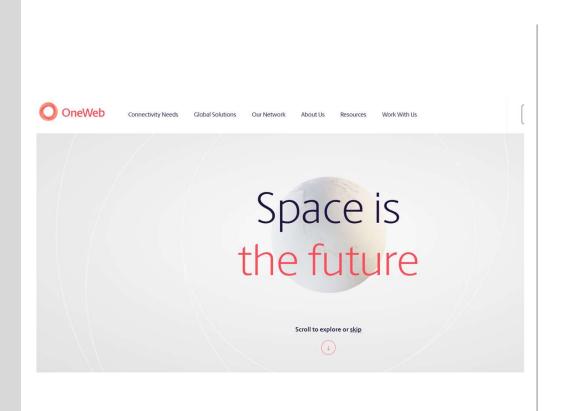
### **SPACENEWS**

## Europe reaches funding deal for sovereign broadband constellation



TAMPA, Fla. — The European Union reached a provisional agreement Nov. 17 to cover nearly half the 6 billion euro (\$6.2 billion) cost of deploying a secure connectivity constellation by 2027.

The European Parliament and member states agreed on a deal to contribute 2.4 billion euros from 2023-2027 for a sovereign network of satellites called IRIS², or Infrastructure for Resilience, Interconnectivity and Security by Satellite.

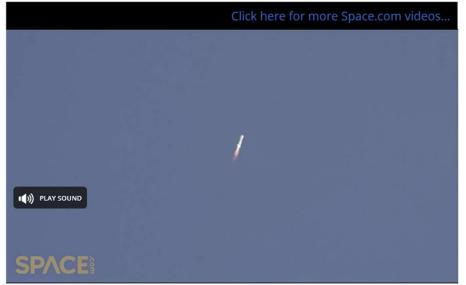


## China launches 3 communications test satellites to low Earth orbit (video)

By Andrew Jones published May 23, 2022

The nation is looking to build its own version of SpaceX's Starlink broadband network.

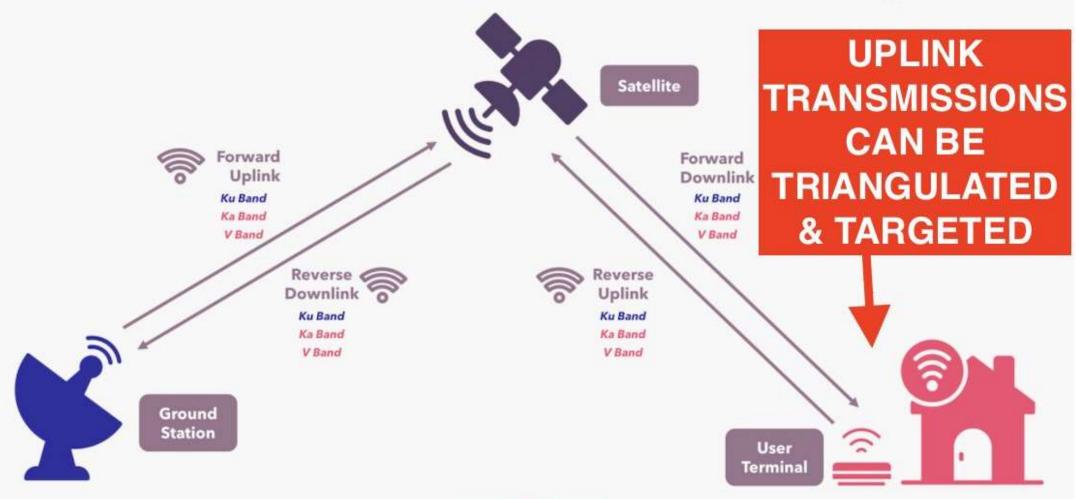




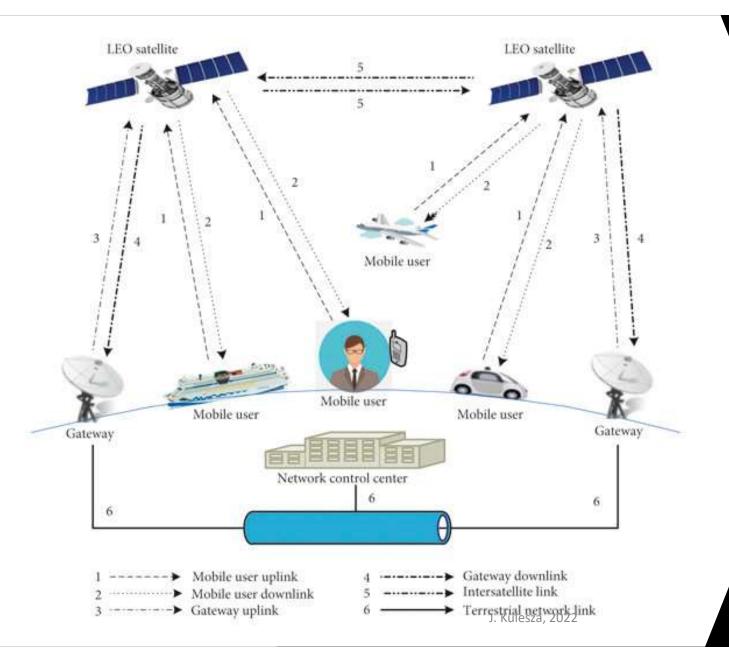
China launched three new test communication satellites to low Earth orbit as the country looks to build its own version of SpaceX's Starlink broadband

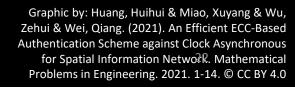
## **How Does Starlink Work?**





www.dgtlinfra.com J. Kulesza, 2022





## Policy questions to consider

- LEO Satellite Constellations and Sustainable Development Goals:
  - Meaningful Connectivity / Regulatory Limitations and Concerns?
- Equitable Access to Space and Space Resources?
- International Telecommunications Law and Satellite Broadband?
- Equitable Access Principle in Internet Governance
  - Multistakeholder governance
  - Second-order Internet governance

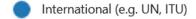
     lessons learnt from multistakeholderism
  - Privatized Internet governance?

- cybersecurity
- supply chain security and critical infrastructure protection (5G relevance?)
- privacy and data protection
- space debris and int. liability

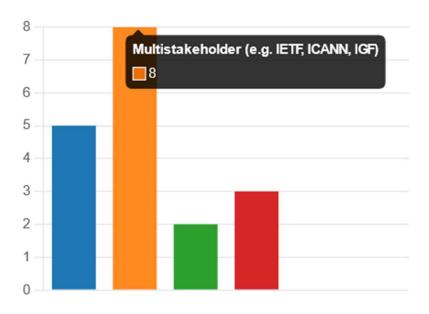
## Second-order Internet governance

- lessons learnt from multistakeholderism

#### 3. What system is most appropriate way of engagement to resolve differences?



- Multistakeholder (e.g. IETF, ICANN, IGF)
- Bilateral (through agreements between states)
- Regional (e.g. within a regional international organisation)
- Alliances among like-minded states



# Thank you

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Please send your feedback to LEOsISOCstudy@gmail.com

