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Karsten Geier
Head,
Cyber Policy Coordination Staff
Federal Foreign Office
Berlin, Germany
Both outer-space based and cyberspace programs can present challenges to international security.
A Self-Reinforcing Triangle of International Cyber Security Policy:

- **Rules**
  - Confidence-Building Measures
  - Cyber Security Capacity Building
  - Buy-in and Adherence
  - Security Partnership

**A Self-Reinforcing Triangle**

- Confidence-Building Measures
- Cyber Security Capacity Building
- Buy-in and Adherence
- Security Partnership
• “International law, and in particular the UN Charter, is applicable and is essential to maintaining peace and stability and promoting an open, secure, peaceful and accessible ICT environment.”

• (2012/2013 Cyber GGE)
2014/2015 GGE views on how international law applies to the use of ICTs by States cover:

- Jurisdiction over ICT infrastructure;
- State sovereignty;
- The inherent right of states to take measures consistent with international law and as recognized in the UN Charter;
- Where applicable, the principles of humanity, necessity, proportionality and distinction;
- The use of proxies; and
- International obligations regarding internationally wrongful acts.
GGE recommendations for voluntary, non-binding norms include:

- Measures to increase stability and security in the use of ICTs;
- Responses to ICT incidents;
- The use of State’s territory for internationally wrongful acts;
- Cooperation concerning terrorist and criminal use of ICTs;
- Respect for human rights;
- ICT activity that intentionally damages critical infrastructure;
- States’ measures to protect their critical infrastructure from ICT threats;
- Responses to requests for assistance in mitigating malicious ICT acts;
- The integrity of the supply chain, so that end users can have confidence in the security of ICT products;
- Reporting of ICT vulnerabilities and information on available remedies; and
- The role of CERTs.
Regional organizations bring together those states that are most likely to have tense relations. Regional organizations provide a forum for such neighbors to talk, and, ideally, to resolve their grievances. This is especially valuable regarding cyber-conflict.
Three-Step Approach to Cyber Confidence Building

Transparency Measures
PC.DEC/1106 (2013)
Build processes and capabilities for dealing individually and collectively with common cyber threats.

Cooperative Measures

Stability Measures
PC.DEC/1202 (2016)
Engage in stabilizing behaviors and discourage destabilizing activities in cyberspace.
“Cyber 3 D”:

Multiple Dimensions of Cyber Security
Cyber Security Capacity Building can enable others to adhere to the rules of responsible state behavior. However, we are seeing relatively sparse action by digital advanced countries.

We need bilateral and multilateral cooperation initiatives that would build on established partnership relations.
My hat policy has three corners,
Three corners has my hat policy,
Had it not three corners,
It wouldn't be my hat policy!

Rules

Confidence-Building Measures

Capacity Building

Thank you for your attention!