



Joint Commission on Technology and Science

2007 Workplan

[2007 Advisory Committees]

- Broadband
- Underground Transmission Lines
- Open Education Resources
- Electronic Medical Records
- Nanotechnology Authority
- Aerospace
- Recycling and Disposal of Electronic Equipment

[JCOTS Executive Committee]

- Monitor and review select topics for JCOTS such as:
 - Radio Frequency Identification (RFID)
 - Cell Phone SPAM
 - Electronic Notaries
 - Renewable Energy
 - Modeling and Simulation

Joint Legislative Study: JCOTS and FOIAC

- HB 2821 (Sickles): Privacy, Social Security Numbers, and Personal Identifying Information
- House General Laws requested study by JCOTS, Freedom of Information Advisory Council

[Broadband Technologies]

- Directive: Examine and make recommendations about deployment of wireless technologies.
 - Examine new wireless technologies.
 - Look at opportunities for encouraging unique partnerships, especially through the PPEA.

Underground Transmission Lines

- Directive: Make recommendations based on SCC considerations
- Issue sparked interest during 2007 Session
- Code lacks any specific direction to SCC concerning factors to consider in applications; no requirement to consider underground alternative

Electronic Medical Records

- Directive: Continue to examine electronic medical records, interoperability issues, and other policy issues.
 - Continue and build on work of 2006 Advisory Committee
 - Continue to assess the medical records landscape in the Commonwealth: state agencies, private sector, RHIOs, etc.

[Open Education Resources]

- Directive: Examine Open Source Education, and how this technology might impact education policy.
 - Costs of text books are rising
 - Technology can provide unique opportunities for students and teachers, and provide cost savings opportunities
 - Committee to develop policy recommendations

Nanotechnology Authority

- Directive: Study and make recommendations on structure of a potential Nanotechnology Authority.
 - Refocus Advisory Committee based on long-term goal identified in 2005 and 2006.
 - Determine appropriateness of an authority in context of Commonwealth R&D.
 - Develop Non-General Fund alternatives.
 - Define scope, parameters, etc.

[Aerospace]

- Directive: Examine & develop legislative and/or policy recommendations to promote the use of the Mid-Atlantic Regional Spaceport on Wallop's Island.
- Potential issues:
 - Land use planning
 - Tax incentives (and existing tax barriers)
 - Track success of HB 3184 (2007) providing liability immunity for spaceflight in VA.

Recycling and Disposal of Electronic Equipment

- Directive: Study and determine the need for a statewide electronics recycling program in Virginia.
 - Electronics are a major source of toxins leaking into groundwater supplies.
 - Most electronics recycling currently the responsibility of individual localities.
 - Many states beginning to adopt statewide recycling programs.
 - Many electronics manufacturers now offer free recycling programs.