Information Paper on
TRANSSC 27 Review of
CSS 5th Term Main Priorities

- Why does TRANSSC need to review CSS 5th term Main Priorities?
  - At the 31st CSS meeting (March 2012), the CSS agreed to the following action for all Safety Standards Committees:
    - "The Chairs of the Safety Standards Committees to review, at their regular meetings, the progress on the priorities for each 4-year term of the CSS." (CSS Action Item 31.5)
- TRANSSC 24, 25 and 26 reviewed the CSS main priorities and concluded that:
  - The CSS 5th term main priorities do not identify "new" actions for TRANSSC
  - Ongoing TRANSSC/Transport Safety Unit actions address Fukushima lessons learned applicable to transport (CSS 5th term highest main priority), and
  - Of the remaining 14 CSS main priorities, eight are applicable to transport and are addressed by ongoing TRANSSC actions
- TRANSSC Consideration of CSS 5th Term Main Priorities
  - Highest CSS main priority is review of Fukushima Dai-ichi lessons learned
  - Additional CSS main priorities (bold identifies additional CSS main priorities directly/indirectly applicable to transport and TRANSSC):
    1. Finalization of the General Safety Requirements (GSR)
    2. Initiating revision of the remaining Specific Safety Requirements (SSR)
    3. Enhancing the feedback process on the use of the IAEA Safety Standards
    4. Exposure to radon
    5. Medical exposure
    6. Justification of practices
    7. Harmonization of exemption, clearance and other radionuclide specific criteria
    8. NORM related issues
    9. Occupational radiation exposure protection, including rescuers
    10. Knowledge management
    11. Regulatory oversight of human and organizational factors
    12. Safety/security interface
    13. Usefulness of IAEA Safety Standards for new entrants
    14. Need more detail in standards on PSA and severe accident management
Actions that address the CSS main priorities directly/indirectly applicable to transport and TRANSSC

- **#3 Enhancing the feedback process on the use of the IAEA Safety Standards**
  - TRANSSC member feedback on use of Safety Standards is considered in the SSR-6 review cycle and in review of other Safety Requirements and Safety Guides
  - Standing invitation for TRANSSC discussion (also in TRANSSC ToR)

- **#7 Harmonization of exemption, clearance and other radionuclide specific criteria**
  - Participation with RASSC in development of Safety Guide on consumer products
  - Latest revision of SSR-6 2012 Edition provides for common basis with the revised BSS for considering exemptions

- **#8 NORM related issues**
  - Latest revision of SSR-6 2012 Edition provides common requirements for transport of NORM irrespective of planned end-use of the material

- **#9 Occupational radiation exposure protection, including rescuers**
  - TRANSSC is initiating revision of TS-G-1.2 (EP&ER) that will conform to revised BSS with regard to radiation protection and will consider Fukushima lessons learned

- **#10 Knowledge management**
  - Development of the new Transport Technical Basis Document will provide a record and reference document library that identifies the “technical basis” for the transport regulations in SSR-6
  - TRANSSC provides Induction and Training for new TRANSSC members
  - TRANSSC mentor program supports training and knowledge transfer from senior experienced TRANSSC members and participants to new TRANSSC members

- **#11 Regulatory oversight of human and organizational factors**
  - Considered in review of SSR-6 and transport Safety Guides (e.g., TS-G-1.4 Management System), area of focus for future revision of Safety Guides

- **#12 Safety/security interface**
  - Continued TRANSSC interface with Office of Nuclear Security on development and review of Nuclear Security Series documents, including participation in safety/security Interface Group
  - Standing TRANSSC discussion item

- **#13 Usefulness of IAEA Safety Standards for new entrants**
  - Usefulness of Safety Standards for both new entrants and current users is considered in review of SSR-6 and transport Safety Guides
  - Secretariat with TRANSSC member support provides training for new entrants and other Member States on IAEA transport safety requirements and guidance