TTEG-OM
Freight Container Working Group (FCWG)

Report of the 3rd Meeting

TRANSSC39, 30 October 2019
3rd Meeting of FCWG (FCWG3)

• 14:00-17:00 28th October & 13:00-15:00 29th October
• MOE26, M Building, IAEA Headquarters
• Participants: Makoto Hirose, NRA, Japan (Chair)
  Christophe Karasinski, Transnubel, Belgium (Secretary)
  Daniel Daigle, Transport Canada, Canada
  Baptiste Louis, IRSN, France
  Bruno Desnoyers, Orano TN, France
  Takehiro Ito, MLIT, Japan
  Toru Anan, NUSTEC, Japan
  Bok Hyoung Lee, KINS, Korea
  Michael Wallin, SSM, Sweden
Status

FCWG has 5 issues inquired from ICAO and IMO;

• FCWG-01: Special Arrangement for Freight Containers used as packaging for Air Transport
• FCWG-02: TI limit for Freight Containers used as packaging
• FCWG-03: Labelling and placarding requirements for Freight Containers used as packaging
• FCWG-04: Application of multiplication factors to Freight Containers used as packaging
• FCWG-05: TI and CSI limits on board a vessel

FCWG has reached consensus to the conclusions of these issues.
Conclusion 1 (FCWG-01)

Special Arrangement for Freight Containers used as packaging for Air Transport

• Answer can be found in para. 579.1 and 579.2 of SSG-26.

• IAEA impose the requirement to shipment under special arrangement in case the surface radiation level exceeds 2 mSv/h in air transport to involve the competent authority and to allow special handling precautions to be specified.
Conclusion 2 (FCWG-02)

TI limit for Freight Containers used as packaging

• Basis: Requirements both for freight container and for package should be applied to the freight container used as packaging.

• TI limits of 50 should be applied to the freight containers used as packaging.
  - Acceptable level of safety can be maintained with application of multiplication factors in Table 7.
  - Confusion in practical transport operations can be avoided.

• To eliminate conflicts within the Regulations, change of para. 526 will be proposed in the next review/revision cycle.
Conclusion 3 (FCWG-03)

Labelling and placarding requirements for Freight Containers used as packaging

• Labels for package and placards for freight containers should be applied.

Conclusion 4 (FCWG-04)

Application of multiplication factors to Freight Containers used as packaging

• The multiplication factors in Table 7 of the Regulations should be applied to determine the TI for freight containers uses as packaging.
Conclusion 5 (FCWG-05)

TI and CSI limits on board a vessel

• “(closed containers)” in Table 7.1.4.5.3.1 of IMDG Code should be deleted.

• There should be no deference on TI limits between closed type freight containers and open type ones, since there is no deference in handling operations (i.e., short time).

• This is applicable also to Table 7.1.4.5.3.4 of IMDG Code (CSI limits), as the Criticality WG already concluded.
Way Forward

Report of FCWG will be prepared for:

• Review by FCWG members and TTEG-OM members.
• Submitted to TRANSSC for approval not less than 60 days in advance of TRANSSC40.

Transmission of these conclusions, when approved, to ICAO and IMO should be decided by TRANSSC.

... Thank you for your attention.