

CHAPTER XVIII

VESSELS CARRYING RADIOACTIVE SUBSTANCES

Art.127 - General Terms and Conditions :

Generalities - Documents – Grouping :

- (1) Art. 109, Art.112 - shall be applied
- (2) Permission is granted to carry through the SC radioactive goods on condition that the following documents are produced :
 - a) Documents proving that vessel carrying radioactive substance has complied with conditions and prescriptions contained in those laws and rules in force in the exporting country and with the conditions and prescriptions recommended by the I.M.D.G code or that of the IAEA .
 - b) Compensation warranty document covering all direct or indirect damage that may be caused by the presence of radioactive substances on board.
 - c) the master of the vessel must furnish a signed declaration (see Appendix 3), each declaration concerns one of the two basic groups:
 - 1- Declaration III, Group 1 Radioactive, which includes, fissile materials. i.e. artificially produced nuclear substances such as enriched uranium, uranium-235 and plutonium-239, which under certain conditions are capable of undergoing fission, and irradiated uranium and other fissile material .
 - 2- Declaration IV, Group 2 Radioactive, which includes radioactive goods stated by the I.M.D.G code as exemption, Uranium ores and concentrate, natural uranium and thorium, radio isotopes for medical, agricultural, scientific or industrial use, irradiated specimens of metals or minerals except those which fall within declaration III above .

Art.128- Vessels carrying exemption radioactive substances :

Vessels carrying substances which are stated by I.M.D.G code as exemption are deemed to be ordinary vessels, provided they satisfy conditions in Art.109 above .

Art.129 - The Authority's Approval of Transportation of the Substances :

- (1) In respect of substances of Group 1 radioactive, Prior Approval of Authority for the transit of goods before shipment, is required and is not granted until approval of A.E.E. is notified to the Authority .
- (2) In respect of Group 2 radioactive, the Master of the vessel shall hand to the agency on arrival, all the documents concerning the goods for checking and ascertaining the authenticity of the details contained therein. These formalities are sufficient .

Art.130 - Certificates and Declarations :

The Master of a vessel shall hand to the CA's representatives, on arrival, a list or manifest or stowage plan for dangerous goods places in the vessel signed by the ship owners and/or their representatives at the port of loading and including the following :

- (1) Full and clear details concerning the goods, and mentioning its kind, quantity, weight, etc.. shall be furnished on declaration form to the Authority .
- (2) Information in respect of goods of radioactive substances which do not require special formalities and are excluded of the regulations concerning radioactive substances and those concerning protection issued by the IAEA, must also be furnished to the Authority. Such information must also be in the possession of the Master to be produced to the SCA inspector on request.

Art.131 - Compensation Warranty :

- (1) The Master shall hand the following Warranty Documents to SCA. These documents are to be kept by the Authority .
- (2) In respect of substances of Group 1 Radioactive the Master shall hand one of the two following documents :
 - a) Either an insurance Policy issued by an approved protection and insurance organization for a preliminary amount of twenty Million U.S. Dollars with a guarantee certificate issued by a recognized Atomic Energy Authority. The SCA is entitled to request the increase of the insurance in any case when the circumstances of any load require such an increase pursuant to a technical study by the experts of A.E.E or .
 - b) A full engagement (guarantee) with unlimited compensation amount from the recognized exporting Atomic Energy Authority, accompanied by a guarantee certificate issued by its government, covering the compensation. The guarantee must also fulfil all legal conditions according to the laws of the guaranteeing country and bind its government .
- (3) In respect of substances of Group 2 Radioactive the Master shall hand a certificate issued by an official recognized Authority in charge of the protection and compensation of shipowners against damage, and approved by SCA, this certificate must indemnify against any compensation for all kind of damage due to the passage of the vessel .
- (4) The following provisions must also be enforced :
 - a) The compensation guarantee document of whatever kind (documents - insurance guarantee - engagements) must explicitly provide that the victims shall receive compensation for all direct and indirect damage resulting from the radioactivity of the load for the time during which the vessel stays in the SC or its lakes, including the two entrances and their vicinity and also the port of Suez and its entrance and their vicinity .
 - b) This document shall remain good as long as there exist a possibility that damage may occur as a result of the transit of the shipment, according to what SC will decide in this respect .
 - c) Payment of compensation in all cases mentioned in paragraphs above shall be based on the mere occurrence of a damage resulting

from the load whether at present or in future. It is sufficient that the mere occurrence of damage generates the right for compensation without need for indicating the causes .

- d) In Case of any accident resulting from the transit of an atomic shipment or radioactive substances of any kind, courts of the A.R.E. are solely and exclusively competent to decide thereof in claims of damage compensation and in all that may be connected with the accident or its direct or indirect consequences. The sentence shall be executory in any country and the insurance mentioned in these regulations shall be a guarantee for the execution of the sentence rendered by A.R.E. courts, without any other formalities .
- e) Ship owners and/or operators whose vessels carry radioactive substances transiting the Canal must undertake, in the country of registration of these vessels, all measures ensuring that the government of such country shall respect the above prescriptions .

Art.132 - Experts of the Atomic Energy Establishments A.E.E:

- (1) Experts of the A.E.E. may go on board to inspect and examine the load, make the radioactive measures, make sure they are good (see Art. 77) and approve them before the vessel enters the port, to take a decision in the following matters:
 - a) Loading, labeling packing stowage , segregation is in compliance with IMDG code classes .
 - b) Handling of other goods inside and outside the vessel.
 - c) Transporting the radioactive load to another vessel or to shore.
 - d) Authorizing the vessel to make repairs in the port and to take supplies.
- (2) The A.E.E. experts may decide for safety requirement to accompany the load from the moment it enters the Territorial waters of the A.R.E. till it leaves. In such a case, the vessel's Agent has to arrange with the vessel for ensuring their comfort while aboard and Masters must tender every assistance requested by the representatives of the A.E.E. and those accompanying the load and comply with their advice concerning the radioactive substances .
- (3) The vessel bears the traveling expenses of A.E.E. experts to reach the vessel and their return expenses. The vessel's Agent shall pay these expenses if claimed by the A.E.E. and also the cost of the needed works carried out by A.E.E. experts.

Art.133 - Organization of the Transit :

- (1) Vessels carrying radioactive substances Group1 Radioactive; Southbound : may be put at the end of the No.1 convoy; Northbound : may be put at the end of convoy .

During transit, an interval of 20 minutes at least must be put between these vessels and the preceding vessel. They may also transit convoyed by a salvage at the vessel's expenses and the Agent must in this case file an order to this effect if it is necessary for safety .

- (2) Vessels carrying radioactive substances Group 2 radioactive have no special regulation with respect to their position in the convoys.