



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

OCT 1 2003

DOT-E 13262

EXPIRATION DATE: August 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Symmetricom, Inc.  
Beverly, MA
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain cesium devices in alternative packagings and are exempt from labeling and placarding requirements. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.400(a) and 172.500(a) in that labeling and placarding requirements are waived; § 173.211(a) in that the packaging is not authorized and § 175.3, except as specified herein.
5. BASIS: This exemption is based on the application of Symmetricom, Inc. dated June 23, 2003, submitted in accordance with § 107.105 and the public proceeding thereon.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Cesium or Caesium	4.3	UN1407	I

7. SAFETY CONTROL MEASURES:a. PACKAGING - Prescribed packagings consist of:

- (1) An inner packaging that is--
  - (i) a replacement cesium beam tube; or
  - (ii) a cesium beam tube that is part of a complete timing instrument; and
- (2) An outer packaging (vacuum envelope) which consists of a stainless steel, welded, hermetically sealed cylinder as described in the application for exemption.
- (3) The outer cylinder is under a vacuum; the inner packaging contains a maximum of 5 grams of cesium.
- (4) The cesium beam frequency standard and the primary frequency standard consist of a cesium beam tube assembled with electronic equipment.

b. OPERATIONAL CONTROLS -

- (1) Each shipment may not contain more than 5 cesium devices at a time.
- (2) Each cesium beam tube shipped separately must be transported in a fiberboard box.

8. SPECIAL PROVISIONS:

- a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for

transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. Shipments of packages covered by this exemption are exempt from labeling and placarding requirements.

d. MARKING - The outside of each package must be marked "DOT-E 13262".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger-carrying aircraft.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

  
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for Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

OCT 1 2003  
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

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