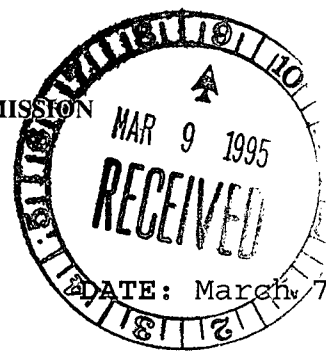


OS#5964



United States  
CONSUMER PRODUCT SAFETY COMMISSION  
Washington, D.C. 20207



### BALLOT VOTE SHEET

TO : The Commission

FROM : Eric A. Rubel, General Counsel *EAR*  
 Stephen Lemberg, Asst. General Counsel *SL*  
 Harleigh Ewell, Attorney, GCRA (Ext. 2217) *HE*

SUBJECT: Interim Safety Standard for Bicycle Helmets

BALLOT VOTE DUE: MAR 17 1995

This vote sheet concerns the staff's briefing package on interim mandatory safety standards for bicycle helmets pursuant to the Children's Bicycle Helmet Safety Act of 1994 ("the Act"). Pub. L. 103-267, § 205, 108 Stat. 722, 727 (June 16, 1994). Attached at Tab E of the package is a draft Federal Register notice that would codify the three voluntary standards mandated by the Act as interim standards and also issue five additional standards as interim standards. Please indicate your vote on the following options.

- I. ISSUE AN INTERIM SAFETY STANDARD FOR BICYCLE HELMETS.  
 Please check the relevant option below.
- 1. APPROVE THE DRAFT FEDERAL REGISTER NOTICE (BRIEFING PACKAGE TAB E) WITHOUT CHANGE.
  - 2. PUBLISH THE DRAFT FEDERAL REGISTER NOTICE WITH CHANGES (please specify).
  - 3. OTHER (please specify).

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

NOTE: This document has not been reviewed or accepted by the Commission.  
 Initial reh Date 3/7/95

CPSA 6 (b)(1) Cleared  
 No Mfrs/Prvtlblrs or Products identified  
 Excepted by with TAB 'D' removed *3-7-95*

II. TAKE OTHER ACTION (please specify).

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

Comments/Instructions:



**BRIEFING PACKAGE**

**PROPOSED ADDITIONAL INTERIM MANDATORY  
SAFETY STANDARDS FOR BICYCLE HELMETS**

**AUTHORIZED BY THE CHILDREN'S BICYCLE HELMET SAFETY ACT OF 1994**

For Further Information Contact:

Scott Heh  
Project Manager  
Directorate for Engineering Sciences  
(301) 504-0494, ext 1308

**NOTE: This document has not been  
reviewed or accepted by the Commission.**  
Initial sh Date 3/7/95

CPSA 6 (b)(1) Cleared

No Mfrs/PrvtLblrs or  
Products Identified 3-7-95  
Exempted by JAB  
with  
TAB 'D'  
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## EXECUTIVE SUMMARY

The Children's Bicycle Helmet Safety Act of 1994 (the "Act") directed the Commission to develop a mandatory safety standard for bicycle helmets. From March 16, 1995, until such time as the final CPSC bicycle helmet standard takes effect, the Act requires that bicycle helmets conform to any of the following interim mandatory standards: (1) The American National Standards Institute (ANSI) standard designated as Z90.4-1984, (2) The Snell Memorial Foundation standard designated as B-90, (3) The ASTM standard designated as F 1447-93, or (4) Any other standard that the Commission determines is appropriate.

This memorandum transmits the staff recommendation to publish a Federal Register notice announcing that three voluntary standards (ASTM F 1447-93, ANSI Z90.4-1984, and Snell B-90) will become interim mandatory standards. In addition to these three standards, the staff also recommends that the Commission announce that five additional voluntary bicycle helmet safety standards are determined appropriate as interim mandatory standards. These standards are ASTM F1447-94, Snell B-90S, N-94, and B-95, and the Canadian standard CAN/CSA-D113.2-M89.



**United States  
CONSUMER PRODUCT SAFETY COMMISSION  
Washington, D.C. 20207**

**MEMORANDUM**

**DATE:** MAR 7 1995

**TO :** The Commission  
Sadye E. Dunn, Secretary

**THROUGH:** Eric A. Rubel, General Counsel *EAR*  
Bert Cottine, Executive Director *B.C.*

**FROM :** Ronald L. Medford, Assistant Executive Director, *RLM*  
Office of Hazard Identification and Reduction  
Scott R. Heh, *SH* Project Manager,  
Directorate for Engineering Sciences,  
(301-504-0494 ext. 1308)

**SUBJECT:** Interim Mandatory Safety Standards for Bicycle Helmets

**I. BACKGROUND**

As directed by The Children's Bicycle Helmet Safety Act of 1994 (the "Act"), the Commission is developing a mandatory safety standard for bicycle helmets. The Commission published a proposed mandatory standard in the Federal Register on August 15, 1994. From March 16, 1995, until such time as the final CPSC bicycle helmet standard takes effect, the Act requires that bicycle helmets conform to any of the following interim mandatory standards: (1) The American National Standards Institute (ANSI) standard designated as Z90.4-1984, (2) The Snell Memorial Foundation standard designated as B-90, (3) The ASTM standard designated as F 1447, or (4) Any other standard that the Commission determines is appropriate. Failure to conform to an interim standard shall be considered a violation of a consumer product safety standard promulgated under the Consumer Product Safety Act.

**II. DISCUSSION**

Two comments received on the CPSC's proposed mandatory bicycle helmet standard requested that the Commission formally recognize certain other voluntary standards as appropriate for serving as interim mandatory bicycle helmet standards. The Snell Memorial Foundation (Tab A) requests that, in addition to the Snell B-90 Standard, three other Snell standards be determined appropriate as interim mandatory bicycle helmet standards. The Health Protection Branch of Health Canada (Tab B) recommends that the Canadian voluntary standard (Cycling Helmets - CAN/CSA-

CPSA 6 (b)(1) Cleared

No Mfrs/PrvtLblrs or  
Products Identified

Excepted by

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\_\_\_\_\_

*3-7-95*  
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D113.2-M89) be determined as an appropriate interim mandatory standard.

The additional standards proposed by Snell as interim mandatory standards are: B-90S (a supplemental revision of the Snell B-90 bicycle helmet standard), N-94 (a multi-purpose helmet standard), and B-95 (the latest revision of the Snell bicycle helmet standard that takes effect in 1995).

Health Canada recommended that the CPSC recognize the Canadian voluntary standard as an interim mandatory standard in consideration of the North American Free Trade Agreement (NAFTA). Article 906 of NAFTA states in part, "the Parties shall, to the greatest extent practicable, make compatible their respective standards-related measures, so as to facilitate trade in a good or service between the Parties."

In addition to the requested Snell and Canadian standards, the 1994 revision to ASTM F 1447 should also be considered as a potential interim mandatory standard. While the Act did not designate the year of the ASTM F 1447 interim mandatory standard, ASTM F 1447-1993 was in effect at the time the Act was passed.

#### Engineering Evaluation

The Directorate for Engineering Sciences, Division of Mechanical Engineering (ESME) reviewed the provisions and test methods in the Snell, Canadian, and revised ASTM standards (Tab C). ESME found that these standards are comparable to, and in some cases exceed, the safety performance criteria of the interim standards identified in the Children's Bicycle Helmet Safety Act. CPSC technical staff considers these standards suitable to serve as interim mandatory standards until the final CPSC standard takes effect.

#### Compliance Issues

The Office of Compliance and Enforcement (CERM) does not believe that the availability to manufacturers of several different interim standards will pose a problem in enforcing the Children's Bicycle Helmet Safety Act of 1994. CERM discusses how they will approach enforcement of the interim standards at Tab D.

### **III. FEDERAL REGISTER NOTICE**

The Office of General Counsel (OGC) prepared a draft Federal Register notice announcing the Commission's finding that in addition to the Snell B-90, ANSI Z90.4, and ASTM F 1447-93 standards, five other standards are appropriate as interim mandatory standards (Tab E). These standards are ASTM F 1447-94, Canadian standard CAN/CSA-D113.2-M89, and Snell standards B-90S, N-94, and B-95.

#### IV. OPTIONS

The following options are available to the Commission:

1. Publish the Federal Register notice as drafted.

This announces that the three standards identified in the Children's Bicycle Helmet Safety Act will become interim mandatory standards and announces the addition of five other appropriate interim mandatory standards.

2. Publish the Federal Register notice with changes as directed by the Commission if the Commission determines that some of the requested standards are not appropriate as interim mandatory standards.

3. Do not publish the Federal Register notice.

#### V. RECOMMENDATION

The staff recommends publishing the Federal Register notice as drafted.

**A**



**SNELL**  
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Tel: (516) 862-6440  
Fax: (516) 862-6545

Snell Memorial Foundation, Inc.  
P.O. Box 493  
7 Flowerfield, Suite 28  
St. James, NY 11780-1514

**MEMORANDUM**

**Date:** October 21, 1994  
**To:** Consumer Product Safety Commission  
**From:** Edward B. Becker, Executive Director/Chief Engineer  
**Subject:** Title II - Children's Bicycle Helmet Safety Act of 1994

The Act requires that bicycle helmets manufactured after April 16, 1995 conform to ANSI Z90.4-1984, Snell B-90 or ASTM F 1447. The Snell Memorial Foundation also maintains the N-94 Standard, B-90S (the Supplement to the B-90 Standard), and will put the B-95 Standard into effect next year. Helmets certified to any of these three Standards also conform to the Snell B-90 Standard.

Please add the Snell N-94, Snell B-90S and Snell B-95 Standards to the list of interim safety standards.

*EB-133-L*

**B**

CC97218



Health  
Canada

Santé  
Canada

Health Protection  
Branch

Direction générale de la  
protection de la santé

Product Safety Bureau  
Place du Portage, Phase I  
17th Floor, Zone  
50 Victoria Street  
Hull, Quebec  
K1A 0C9

October 27, 1994

Office of the Secretary  
Consumer Product Safety Commission  
Room 502  
4330 East-West Highway  
Bethesda, Maryland 20814-4408  
U.S.A.

Dear Secretary:

Proposed Rule: Safety Standard for Bicycle Helmets

The Product Safety Bureau of Health Canada would like to offer the following comments concerning the subject Proposed Rule.

Health Canada is responsible for the administration of the Hazardous Products Act (HPA) and regulations, whose purpose is to protect the health and safety of consumers by prohibiting or regulating the sale, advertisement and importation of hazardous products. Cycling helmets are not currently regulated under the Act.

In 1989, Health Canada initiated a project to require, under the HPA, that cycling helmets sold, imported and advertised in Canada meet the requirements of the CSA standard on cycling helmets entitled Cycling Helmets, CAN/CSA-D113.2-M89. However, the decision not to mandate the requirements of the CSA standard was taken after Health Canada became aware that cycling helmets sold in Canada met either the CSA standard or one of two U.S. standards, one prepared by the American National Standards Institute, the other by the Snell Foundation. Both U.S. standards were similar but not identical to the CSA standard.

.../2

The decision not to mandate the CSA standard rested on the Canada-United States Free Trade Agreement, Chapter 6, which included the following:

Article 603: No Disguised Barriers to Trade

Neither Party shall maintain or introduce standards-related measure or procedures of product approval that would create unnecessary obstacles to trade between the territories of the Parties...

Article 604: Compatibility

1. To the greatest extent possible, and taking into account international standardization activities, each Party shall make compatible its standards-related measures and procedures for product approval with those of the other Party.

The U.S. Children's Bicycle Helmet Safety Act of 1994 provides that bicycle helmets manufactured more than nine months from June 16, 1994, shall conform to any one of three U.S. safety standards for cycling helmets, including any other standard that the Commission determines is appropriate. The proposed rule published in the Federal Register, Vol. 59, No. 156, August 1994, indicates that, "To date, the Commission has not determined that any standard other than the ones specifically mentioned in the act is appropriate as an interim standard."

Health Canada is of the view that the CSA standard for cycling helmets is appropriate as an interim standard, and therefore recommends that the Commission consider the CSA standard as an interim standard under the Children's Bicycle Helmet Safety Act of 1994. I believe this would be in line with the North American Free Trade Agreement, Chapter Nine, which includes the following:

Article 906: Compatibility and Equivalence

2. Without reducing the level of safety or of protection of human, animal or plant life or health, the environment or consumers, without prejudice to the right of any Party under this Chapter, and taking into account international standardization activities, the Parties shall, to the greatest extent practicable, make compatible

.../3

their respective standards-related measures, so as to facilitate trade in a good or service between the Parties.

Health Canada therefore recommends that the U.S. Consumer Product Safety Commission consider the CSA standard for cycling helmets, Cycling Helmets, CAN/CSA-D113.2-M89, for inclusion as an interim standard under the Children's Bicycle Helmet Safety Act of 1994.

I trust these comments will be helpful to the Consumer Product Safety Commission.

Yours sincerely,



Hélène Paradis  
Manager  
Policy, Planning and Coordination

c.c.: Department of Foreign Affairs and International Trade

**C**



United States  
**CONSUMER PRODUCT SAFETY COMMISSION**  
Washington, D.C. 20207

**MEMORANDUM**

**DATE:** February 1, 1995

**TO :** James Hoebel, Acting Director,  
Division of Mechanical Engineering

**FROM :** Scott Heh, ESME, <sup>MM</sup> Project Manager,  
Bicycle Helmet Project (301-504-0494, ext. 1308)

**SUBJECT:** Bicycle Helmet Interim Mandatory Standards

**I. Background**

As directed by The Children's Bicycle Helmet Safety Act of 1994 (the "Act"), the Commission is developing a mandatory safety standard for bicycle helmets. The Commission published a proposed mandatory standard in the Federal Register on August 15, 1994. From March 16, 1995, until such time as the final CPSC bicycle helmet standard takes effect, the Act requires that bicycle helmets conform to any of the following interim mandatory standards: (1) ANSI Z90.4-1984, (2) Snell B-90, (3) ASTM F 1447, or (4) Any other standard that the Commission determines is appropriate.

As a comment to the CPSC proposed bicycle helmet standard, the Snell Memorial Foundation requested that three other Snell standards (B-90S, B-95, and N-94) be determined appropriate as interim mandatory bicycle helmet standards. The Health Protection Branch of Health Canada requested that the Canadian voluntary standard (Cycling Helmets - CAN/CSA-D113.2-M89) be determined as an appropriate interim mandatory standard.

**II. Discussion**

While the Act did not designate the year of the ASTM F 1447 interim standard, F 1447-1993 was in effect at the time the Act was passed. Since that time, a 1994 revision of the F 1447 standard was approved by ASTM. The Directorate for Engineering Sciences (ES) considers the F 1447-94 standard a candidate for an interim mandatory standard along with the standards requested by Snell and Health Canada.

ES compared the five additional prospective interim mandatory standards with the three interim mandatory standards identified in the Act. The following describes the major differences in the provisions of these standards.

1. ASTM F 1447-94 (with corresponding revision to the standard test method ASTM F 1446-94)

- Revised F 1447-93 to switch from a "hazard" anvil to a curbstone anvil impact.
- Revised F 1447-93 to specify metal headforms such as Magnesium K-1A alloy.

2. Snell B-90S Supplement to the B-90 Bicycle Helmet Standard

- Supplements the Snell B-90 standard with a positional stability (roll-off) provision.
- Supplements the B-90 standard with impact test requirements against a kerbstone anvil.

3. Snell B-95 1995 revision to the Snell Bicycle Helmet Standard

- Includes the positional stability and kerbstone anvil requirements.
- Requires more head coverage than both B-90 and B-90S.

4. Snell N-94 Multiple Activity Helmet Standard

- Includes the positional stability and kerbstone anvil requirements.
- Requires more head coverage than Snell B-90, B-90S, and B-95.
- Requires an edge anvil impact that tests helmet's capacity to protect against concentrated loadings.
- Requires that helmets meet impact requirements after rear of helmet is subjected to four lower energy "conditioning impacts."

5. CAN/CSA-D113.2-M89

- Specifies a positional stability (roll-off) provision.
- The impact test methodology and criteria for the Canadian standard differ somewhat from U.S. voluntary standards. The Canadian standard specifies peak acceleration criteria of:
  - 250 g with a 80-joule impact on a flat anvil
  - 200 g with a 55-joule impact on a flat anvil
  - 250 g with a 55-joule impact on a cylindrical anvil

In comparison, the peak acceleration criteria for the identified interim mandatory standards are as follows:

ANSI Z90.4-1984

- 300 g with an impact velocity of 4.57 m/s on a flat anvil.
- 300 g with an impact velocity of 4.57 m/s on a hemispherical anvil.

ASTM F 1447-93

- 300 g with an impact velocity of 6.2 m/s on a flat anvil.
- 300 g with an impact velocity of 4.8 m/s on a hemispherical anvil.
- 300 g with an impact velocity of 4.8 m/s on a hazard anvil.

Snell B-90

- 300 g with a 100-joule impact on a flat anvil
- 300 g with a 65-joule impact on a hemispherical anvil.

Though the Canadian impact attenuation provisions differ somewhat from the U.S. voluntary standards, it is ES opinion that the protective capabilities of helmets that meet the Canadian standard compare favorably to those that meet the currently identified U.S. interim mandatory standards.

As shown above, each of the additional Snell standards requested as an interim mandatory standard has enhanced safety requirements over the Snell B-90 standard. Snell maintains that helmets certified to B-90S, N-94, or B-95 will also conform to the B-90 standard.

The 1994 revision to the ASTM standard test method for helmets calls for the use of metal headforms. Metal headforms provide for a more severe impact medium than the epoxy headforms that were most commonly used. When the switch to metal headforms was proposed, it was found that the severity of the impact of a metal headform against a metal triangular hazard anvil was too severe and would fail many good helmets. The 1994 revision to F 1447 therefore replaces the hazard anvil with the curbstone anvil. Curbstone anvil impacts are also called for in some European bicycle helmet standards. ES considers both the 1993 and 1994 versions of F 1447 to be suitable to serve as interim mandatory standards.

In addition to the differences noted above, the Canadian, ASTM, ANSI, and Snell standards differ somewhat in equipment specifications, test methodology, and failure criteria for the dynamic test of the retention system. It is likely that each of the standards provides a suitable test of retention system strength.

### **III. Conclusion**

As a result of this comparative analysis, ES considers Snell B-90S, Snell N-94, Snell B-95, ASTM F 1447-94, and CAN/CSA-D113.2-M.89 suitable to serve as interim mandatory standards until the final CPSC standard takes effect.

**E**

**DRAFT**

**CONSUMER PRODUCT SAFETY COMMISSION**

16 CFR Part 1203

**Interim Rule: Safety Standards for Bicycle Helmets**

**AGENCY:** Consumer Product Safety Commission.

**ACTION:** Interim rule.

**SUMMARY:** The Commission announces that certain voluntary standards for bicycle helmets will become interim mandatory standards pursuant to the Children's Bicycle Helmet Safety Act of 1994. These interim mandatory standards shall remain in effect until replaced by a final standard to be issued by the Commission. These statutory interim standards are (1) the American National Standards Institute ("ANSI") standard Z90.4-1984, (2) the Snell Memorial Foundation standard B-90, and (3) ASTM standard F 1447-1993.

The Commission also announces its determination, pursuant to the Bicycle Helmet Safety Act, that five additional voluntary safety standards for bicycle helmets are appropriate as interim mandatory standards. These standards are ASTM F 1447-1994, Snell B-90S, N-94, and B-95, and the Canadian voluntary standard CAN/CSA-D113.2-M89.

Failure of a bicycle helmet manufactured after the effective date of the interim mandatory standards to comply with at least one of the interim standards shall be considered a violation of a consumer product safety standard promulgated under the Consumer Product Safety Act.

**DATES:** The interim mandatory standards for bicycle helmets will become effective March 15, 1995, and shall apply to all bicycle helmets manufactured after that date.

The incorporation by reference of certain publications listed in the regulation is approved by the Director of the Federal Register as of \_\_\_\_\_, 1995.

**FOR FURTHER INFORMATION CONTACT:** Scott Heh, Project Manager, Directorate for Engineering Sciences, Consumer Product Safety Commission, Washington, D.C. 20207; telephone (301)504-0494 ext. 1308.

**SUPPLEMENTARY INFORMATION:**

On June 16, 1994, the Children's Bicycle Helmet Safety Act of 1994 (the "Act") was enacted. Secs. 201-207, Pub. L. 103-267, 108 Stat. 726-729; 15 U.S.C. 6001-6006. This Act provides that bicycle helmets manufactured 9 months or more from that date (i.e., on or after March 16, 1995) shall conform to one of the following interim safety standards: (1) the American National Standards Institute (ANSI) standard designated as Z90.4-1984, (2) the Snell Memorial Foundation standard designated as B-90, (3) the ASTM, formerly the American Society for Testing and Materials, standard designated as F 1447, or (4) any other

standard that the Commission determines is appropriate. In this notice, the Commission codifies these interim mandatory standards as 16 CFR Part 1203 and clarifies that ASTM standard F 1447 means the 1993 version of that standard. This is the version of the F 1447 standard that was in effect at the time the Act was enacted. The Act provides that failure to conform to an interim standard shall be considered a violation of a consumer product safety standard issued under the Consumer Product Safety Act (CPSA), 15 U.S.C. 2051-2084.

The Act also directs the Consumer Product Safety Commission to begin a proceeding under 5 U.S.C. 553 to:

1. review the requirements of the interim standards described above and establish a final standard based on such requirements,
2. include in the final standard a provision to protect against the risk of helmets coming off the heads of bicycle riders,
3. include in the final standard provisions that address the risk of injury to children, and
4. include additional provisions as appropriate.

The Act provides that the final standard shall take effect 1 year from the date it is issued and that the standard shall be considered to be a consumer product safety standard issued under the CPSA. However, the Act also provides that the provisions of the CPSA regarding rulemaking procedures, statutory findings, and judicial review (15 U.S.C. 2056, 2058, 2060, and 2079(d)) shall

not apply to this proceeding or to the final standard. When the final standard becomes effective, it will replace the interim standards.

The Commission reviewed the bicycle helmet standards identified in the Act (ANSI, ASTM, and Snell B-90), as well as international bicycle helmet standards and draft revisions of the ANSI, ASTM, and Snell standards that were under consideration. Based on this review, the Commission developed a proposed mandatory safety standard for bicycle helmets. 59 FR 41719 (August 15, 1994). The proposed final safety standard contains requirements for general construction, labeling, peripheral vision, impact attenuation, and dynamic strength of the retention system of bicycle helmets. In addition to requirements derived from one or more of the voluntary standards applicable to this product, the proposed standard includes requirements specifically applicable to children's helmets and requirements to prevent helmets from coming off during an accident. The Commission also proposed testing and recordkeeping requirements so it can ensure that helmets subject to the standard meet its requirements.

The August 15, 1994, proposal also described the statutory interim standards, explained that the Commission could determine that additional interim standards were appropriate, and stated that the Commission had not yet done so. Two comments received by the Commission on that notice requested that the Commission designate certain other voluntary standards for bicycle helmets as interim mandatory standards. The Snell Memorial Foundation

requested that, in addition to the Snell B-90 standard specified by the Act, three other Snell standards be determined appropriate as interim mandatory bicycle helmet standards. These additional Snell standards are: (1) B-90S (a supplemental revision of the Snell B-90 standard), (2) N-94 (a multi-purpose helmet standard), and B-95 (the latest revision of the Snell bicycle helmet standard, which will take effect in 1995). Snell states that helmets certified to any of these three standards will also conform to the Snell B-90 standard specified in the Act.

The Health Protection Branch of Health Canada recommended that the Canadian voluntary standard (Cycling Helmets - CAN/CSA-D113.1-M89) be determined as an appropriate interim mandatory standard. Health Canada stated that such action would comport with Article 906 of the North American Free Trade Agreement ("NAFTA"), which states that "the Parties shall, to the greatest extent practicable, make compatible their respective standards-related measures ...."

In addition to reviewing the provision and test methods of the requested Snell and Canadian interim standards, the Commission also evaluated the 1994 revision to ASTM F 1447. The Commission concluded that these standards are comparable to, and in some cases exceed, the safety performance criteria of the interim standards identified in the Act. Accordingly, the Commission determines that these additional voluntary standards are appropriate as interim mandatory safety standards for bicycle helmets.

**List of Subjects in 16 CFR Part 1203**

Consumer protection, Bicycles, Incorporation by reference, Infants and children, Safety.

For the reasons given above, the Commission adds a new part 1203 of Title 16 of the Code of Federal Regulations, to read as follows:

**PART 1203--SAFETY STANDARD FOR BICYCLE HELMETS**

Sec.

1203.1 Purpose.

1203.2 Scope and effective date.

1203.3 Interim safety standards.

**Authority:** Secs. 201-207, Pub. L. 103-267, 108 Stat. 726-729, 15 U.S.C. 6001-6006.

**§ 1203.1 Purpose and basis.**

The purpose and basis of this rule is to protect bicyclists from head injuries by ensuring that bicycle helmets comply with the requirements of appropriate existing voluntary standards, as provided in 15 U.S.C. 6004(a).

**§ 1203.2 Scope and effective date.**

(a) Bicycle helmets manufactured after March 15, 1995, shall comply with the requirements of one of the standards specified in § 1203.3. This requirement shall be considered a consumer product safety standard issued under the Consumer Product Safety Act.

(b) A bicycle helmet is any headgear marketed as suitable for providing protection from head injuries associated with bicycle use.

(c) These interim mandatory safety standards will not apply to bicycle helmets manufactured after the effective date of a final bicycle helmet standard to be issued in the future by the Commission.

**§ 1203.3 Interim safety standards.**

(a) Bicycle helmets must comply with one or more of the following standards, which are incorporated herein by reference:

(1) American National Standards Institute (ANSI) standard Z90.4-1984,

(2) ASTM standards F 1447-1993 or F 1447-1994,

(3) Canadian standard (Cycling Helmets - CAN/CSA-D113.2-M89),

(4) Snell Memorial Foundation (Snell) standard B-90,

(5) Snell standard B-90S,

(6) Snell standard N-94, or

(7) Snell standard B-95.

(b) This incorporation by reference was approved by the Director of the **Federal Register** in accordance with 5 U.S.C. 552(a) and 1 CFR Part 51. Copies of the standards may be obtained

as follows. Copies of the ANSI Z90.4 standard are available from: American National Standards Institute, 11 W. 42nd Street, 13th Floor, New York, NY 10036. Copies of the ASTM F 1447-1993 and F 1447-1994 standards are available from: ASTM, 1916 Race Street, Philadelphia, PA 19103. Copies of the Canadian CAN/CSA-D113.2-M89 standard are available from: CSA, 178 Rexdale Boulevard, Rexdale (Toronto), Ontario, Canada, M9W 1R3. Copies of the Snell standards are available from: Snell Memorial Foundation, Inc., P.O. Box 493, 7 Flowerfield, Suite 28, St. James, New York 11780. Copies may be inspected at the Office of the Secretary, Consumer Product Safety Commission, 4330 East-West Highway, Bethesda, Maryland 20814, or at the Office of the Federal Register, 800 N. Capitol Street NW, Room 700, Washington, DC.

Dated: \_\_\_\_\_, 1995.

---

**Sadye E. Dunn,**

*Secretary, Consumer Product Safety Commission*

CPA# 5964  
MSG-2



United States  
CONSUMER PRODUCT SAFETY COMMISSION  
Washington, D.C. 20207

**BALLOT VOTE SHEET**

DATE: March 7, 1995

TO : The Commission  
FROM : Eric A. Rubel, General Counsel *SAR*  
Stephen Lemberg, Asst. General Counsel *SL*  
Harleigh Ewell, Attorney, GCRA (Ext. 2217) *HE*

SUBJECT: Interim Safety Standard for Bicycle Helmets

BALLOT VOTE DUE: MAR 17 1995

This vote sheet concerns the staff's briefing package on interim mandatory safety standards for bicycle helmets pursuant to the Children's Bicycle Helmet Safety Act of 1994 ("the Act"). Pub. L. 103-267, § 205, 108 Stat. 722, 727 (June 16, 1994). Attached at Tab E of the package is a draft Federal Register notice that would codify the three voluntary standards mandated by the Act as interim standards and also issue five additional standards as interim standards. Please indicate your vote on the following options.

I. ISSUE AN INTERIM SAFETY STANDARD FOR BICYCLE HELMETS.  
Please check the relevant option below.

- 1. APPROVE THE DRAFT FEDERAL REGISTER NOTICE (BRIEFING PACKAGE TAB E) WITHOUT CHANGE.
- 2. PUBLISH THE DRAFT FEDERAL REGISTER NOTICE WITH CHANGES (please specify).
- 3. OTHER (please specify).

Mary Sheila Gall  
(Signature)

3/8/95  
(Date)

NOTE: This document has not been reviewed or accepted by the Commission.  
Initial rch Date 3/7/95

CPSA 6 (b)(1) Cleared  
 No Mfrs/Prvtlbrs or Products Identified  
Excepted by 3-7-95  
*SP*

II. TAKE OTHER ACTION (please specify).

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

Comments/Instructions:



United States  
CONSUMER PRODUCT SAFETY COMMISSION  
Washington, D.C. 20207

**BALLOT VOTE SHEET**

DATE: March 7, 1995

TO : The Commission  
FROM : Eric A. Rubel, General Counsel *SAR*  
Stephen Lemberg, Asst. General Counsel *SL*  
Harleigh Ewell, Attorney, GCRA (Ext. 2217) *HE*

SUBJECT: Interim Safety Standard for Bicycle Helmets

BALLOT VOTE DUE: MAR 17 1995

This vote sheet concerns the staff's briefing package on interim mandatory safety standards for bicycle helmets pursuant to the Children's Bicycle Helmet Safety Act of 1994 ("the Act"). Pub. L. 103-267, § 205, 108 Stat. 722, 727 (June 16, 1994). Attached at Tab E of the package is a draft Federal Register notice that would codify the three voluntary standards mandated by the Act as interim standards and also issue five additional standards as interim standards. Please indicate your vote on the following options.

I. ISSUE AN INTERIM SAFETY STANDARD FOR BICYCLE HELMETS.  
Please check the relevant option below.

- 1. APPROVE THE DRAFT FEDERAL REGISTER NOTICE (BRIEFING PACKAGE TAB E) WITHOUT CHANGE.
- 2. PUBLISH THE DRAFT FEDERAL REGISTER NOTICE WITH CHANGES (please specify).
- 3. OTHER (please specify).

*Ann Brown*  
(Signature)

*3/8/95*  
(Date)

NOTE: This document has not been reviewed or accepted by the Commission.

Initial *rlw* Date *3/7/95*

CPSA 6 (b)(1) Cleared

No Mfrs/Prvtlbrs or Products Identified  
Excepted by *SP* *3-7-95*

II. TAKE OTHER ACTION (please specify).

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

Comments/Instructions: