5lr2092 CF 5lr1884

By: Delegates Heller, King, Krysiak, Anderson, Bozman, Bromwell, C. Davis, Elmore, Goodwin, Haddaway, Impallaria, Jennings, Kach, Kaiser, McDonough, McIntosh, Malone, Menes, Nathan-Pulliam, Trueschler, F. Turner, Weir, Gutierrez, and Hixson

Introduced and read first time: February 11, 2005

Assigned to: Appropriations

Committee Broad Franchis Management

Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 26, 2005

CHAPTER____

1 AN ACT concerning

2 Higher Education Institutions - Blind Individuals - Access to Technology

- 3 FOR the purpose of requiring the governing boards of public institutions of higher
- 4 education to ensure that certain contracts to purchase certain technology
- 5 include a certain clause relating to nonvisual access; requiring the boards to
- 6 ensure that certain blind individuals have access to certain technology and
- 7 materials; requiring the Maryland Higher Education Commission, in
- 8 consultation with the Department of Disabilities, to assist the public
- 9 institutions of higher education with the application of a nonvisual access clause
- 10 by developing certain guidelines on or before a certain date develop, by a certain
- date, a certain clause relating to nonvisual access for use in the procurement of
- certain technology; requiring the nonvisual access clause adopted by the
- 13 governing bodies of certain institutions to be consistent with certain standards
- 14 <u>developed by the Department of Budget and Management;</u> defining certain
- terms; and generally relating to nonvisual access standards for the procurement
- and use of technology for blind individuals by public institutions of higher
- 17 education.
- 18 BY repealing and reenacting, without amendments,
- 19 Article Education
- 20 Section 11 105(a)
- 21 Annotated Code of Maryland
- 22 (2004 Replacement Volume and 2004 Supplement)
- 23 BY repealing and reenacting, with amendments,

| 1 2 3 4 | Article - Education Section 11-105(b), 12-101, and 12-112 <u>12-112</u> , and 14-109 Annotated Code of Maryland (2004 Replacement Volume and 2004 Supplement) |
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| 5 6 7 8 9 10 | BY adding to Article - Education Section 12-301 to be under the new subtitle "Subtitle 3. Blind Individuals - Access to Technology"; 14-110, 14-409, 14-409 and 16-318 Annotated Code of Maryland (2004 Replacement Volume and 2004 Supplement) |
| 11 12 13 14 15 | BY repealing and reenacting, without amendments, Article - State Finance and Procurement Section 3-412 Annotated Code of Maryland (2001 Replacement Volume and 2004 Supplement) |
| 16 17 | SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Laws of Maryland read as follows: |
| 18 | Article - Education |
| 19 | 11 105. |
| | (a) In addition to any other powers granted and duties imposed by this title and subject to any restrictions imposed by law, the Commission has the powers and duties set forth in this section. |
| 23 24 | (b) (1) The Commission shall coordinate the overall growth and development of postsecondary education in the State. |
| 27 | (2) (i) In consultation with the governing boards and agencies concerned with postsecondary education in the State, the Commission shall develop and periodically update an overall plan consistent with the Charter, known as the State Plan for Higher Education, that shall identify: |
| 29 30 | 1. The present and future needs for postsecondary education and research throughout the State; |
| 31 32 | 2. The present and future capabilities of the different institutions and segments of postsecondary education in the State; and |
| | 3. The long-range and short-range objectives and priorities for postsecondary education and methods and guidelines for achieving and maintaining them. |

| 1 | (ii) The Commission shall ensure that the State Plan for Higher |
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| 2 | Education complies with the State's equal educational opportunity obligations under |
| | State and federal law, including Title VI of the Civil Rights Act. |
| | φ · · · · · · · · · · · · · · · · · · · |
| 4 | (iii) In developing the State Plan for Higher Education, the |
| | Commission shall incorporate the goals and priorities for higher education identified |
| | |
| | in this Division III and, for the University System of Maryland, including those |
| 7 | identified in §§ 10-209 and 12-106 of this article. |
| | |
| 8 | (3) (i) The Commission shall submit to the Governor and, subject to § |
| 9 | 2 1246 of the State Government Article, to the General Assembly a biennial review of |
| 10 | the plan by July 1, 1995 and by July 1 of each alternate year thereafter. |
| | |
| 11 | (ii) The biennial review shall include a report on the status and |
| | needs of postsecondary education in the State. |
| 12 | needs of postsecondary education in the State. |
| | |
| 13 | (4) In accordance with Subtitle 3 of this title, the Commission shall |
| | review, negotiate as necessary, and approve the appropriate role, function, and |
| 15 | mission of each public institution of postsecondary education in the State. |
| | |
| 16 | (5) (i) With respect to the College Park campus of the University of |
| | Maryland, the Commission shall direct the Board of Regents of the University of |
| | Maryland to develop and implement a plan for the enhancement of that campus as |
| | the State's flagship campus with programs and faculty nationally and internationally |
| | |
| 20 | recognized for excellence in research and the advancement of knowledge. |
| | |
| 21 | (ii) With respect to the constituent institutions of the University |
| 22 | System of Maryland in the Baltimore region, the Commission shall direct the Board of |
| 23 | Regents of the University of Maryland to maintain and enhance a coordinated Higher |
| 24 | Education Center for Research and Graduate and Professional Study in the Baltimore |
| | area. |
| | |
| 26 | (iii) With respect to Morgan State University, the Commission shall |
| | direct the Board of Regents of Morgan State University to develop and implement a |
| | |
| | plan for the enhancement of that institution as the State's public urban university |
| 29 | with the appropriate programs, faculty, and facilities. |
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| 30 | (6) The Commission has statewide coordinating responsibility for the |
| 31 | community colleges and shall establish general policies for their operation. |
| | |
| 32 | (7) The Commission has statewide coordinating responsibility for |
| - | regional higher education centers. |
| 55 | regional inglier education centers. |
| 21 | (9) The Commission may distribute strategic incentive funds to an |
| 34 | |
| | institution of higher education or a regional higher education center to encourage |
| | attainment of the goals and priorities set forth in the State Plan for Higher |
| 37 | Education. |
| | |
| 38 | (9) IN CONSULTATION WITH THE DEPARTMENT OF DISABILITIES, ON OR |
| | BEFORE JANUARY 1, 2006, THE COMMISSION SHALL DEVELOP GUIDELINES FOR THE |
| 5) | 22. S.Z. VII. S.IN. 1, 2000, TILL COMMISSION SITULD DE VELOT GUIDDENES FOR TILL |

1 IMPLEMENTATION OF THE NONVISUAL ACCESS CLAUSE IN INFORMATION

| 3 4 | PROPOSALS OR GI | RANTS, (| RMATION TECHNOLOGY SERVICES BIDS, REQUESTS FOR CONTRACTS, AND MODIFICATION TO CONTRACTS, AS OF THE STATE FINANCE AND PROCUREMENT ARTICLE, AS |
|----------|--|---------------------------|--|
| 6 7 | THIS ARTICLE; | (I) | THE UNIVERSITY SYSTEM OF MARYLAND UNDER TITLE 12 OF |
| 8 | | (II) | MORGAN STATE UNIVERSITY UNDER § 14-110 OF THIS ARTICLE; |
| 9 10 | ARTICLE; AND | (III) | ST. MARY'S COLLEGE OF MARYLAND UNDER § 14 409 OF THIS |
| 11 | | (IV) | COMMUNITY COLLEGES UNDER § 16 318 OF THIS ARTICLE. |
| 12 | 12-101. | | |
| 15 | education, to improve the economical use of | e the qual of the Stat | the development of a consolidated system of public higher lity of education, to extend its benefits and to encourage e's resources, the University System of Maryland is a the provisions of this title. |
| 17 | (b) In this t | itle the fo | llowing words have the meanings indicated. |
| 18 19 | (1) University System of | "Board" f Marylan | or "Board of Regents" means the Board of Regents of the id. |
| 20 21 | (2) System of Maryland | | ellor" means the Chief Executive Officer of the University Chief of Staff for the Board of Regents. |
| 22 23 | (3) institution of the Uni | | ent" means the Chief Executive Officer of a constituent system of Maryland. |
| | (4) following public sense Board of Regents: | | ruent institutions", "institutions", or "campuses" means the education institutions under the jurisdiction of the |
| 27 | | (i) | University of Maryland, Baltimore; |
| 28 | | (ii) | University of Maryland Baltimore County; |
| 29 | | (iii) | University of Maryland, College Park; |
| 30 | | (iv) | University of Maryland Eastern Shore; |
| 31 | | (v) | University of Maryland University College; |
| 32 | | (vi) | Bowie State University; |
| 33 | | (vii) | Coppin State University; |

Subject to review and approval by the Board of Public Works

30

(2)

(i)

31 and the Administrative, Executive, and Legislative Review Committee of the General

- 1 Assembly, the Board of Regents shall develop policies and procedures governing 2 procurements by the University. 3 The policies and procedures developed under subparagraph (i) 4 of this paragraph shall promote the purposes of the State procurement law as set 5 forth in § 11-201 of the State Finance and Procurement Article. The Board of Regents shall develop an information technology plan 6 (b) (1)7 for the University System of Maryland that includes information technology policies 8 and standards, including policies and standards for information management and 9 telecommunication systems, that are functionally compatible with the State 10 Information Technology Plan established under Title 3, Subtitle 4 of the State 11 Finance and Procurement Article. 12 (2)INVITATIONS FOR BIDS, REQUESTS FOR PROPOSALS OR GRANTS, AND 13 PROCUREMENT CONTRACTS OR MODIFICATIONS OF CONTRACTS FOR 14 COMPUTER BASED INSTRUCTIONAL TECHNOLOGY TO BE DEVELOPED OR OBTAINED 15 UNDER THIS SUBTITLE FOR USE BY FACULTY AND STUDENTS SHALL INCLUDE THE 16 CLAUSE GOVERNING NONVISUAL ACCESS REQUIRED UNDER § 3 412 OF THE STATE 17 FINANCE AND PROCUREMENT ARTICLE. BY JANUARY 1, 2007, THE BOARD OF REGENTS SHALL DEVELOP A 18 NONVISUAL ACCESS CLAUSE FOR USE IN THE PROCUREMENT OF COMPUTER-BASED 19 20 INSTRUCTIONAL TECHNOLOGY. THE NONVISUAL ACCESS CLAUSE DEVELOPED UNDER SUBSECTION (C) OF 21 22 THIS SECTION SHALL BE CONSISTENT WITH THE STANDARDS DEVELOPED BY THE 23 DEPARTMENT OF BUDGET AND MANAGEMENT IN ACCORDANCE WITH THE 24 PROVISIONS OF § 3-412 OF THE STATE FINANCE AND PROCUREMENT ARTICLE. 25 SUBTITLE 3. BLIND INDIVIDUALS ACCESS TO TECHNOLOGY. 26 12 301. 27 THE BOARD OF REGENTS SHALL DIRECT THAT EACH CONSTITUENT 28 INSTITUTION ENSURE THAT: 29 AT EVERY LOCATION WHERE TECHNOLOGY IS MADE AVAILABLE FOR 30 STUDENT USE WITHIN THE INSTITUTION, AT LEAST ONE WORK STATION IS
- 31 EQUIPPED AND CONFIGURED FOR EQUIVALENT ACCESS BY BOTH VISUAL AND
- 32 NONVISUAL MEANS;
- 33 (2)INSTRUCTIONAL ENVIRONMENTS, DOCUMENTS, AND
- 34 COMMUNICATIONS MEDIA USED IN ON-LINE INSTRUCTION IS DESIGNED FOR
- 35 EOUIVALENT ACCESS BY BOTH VISUAL AND NONVISUAL MEANS: AND
- FACULTY DEVELOPED, COMPUTER BASED INSTRUCTIONAL 36 (3)
- 37 TECHNOLOGY IS DESIGNED FOR EQUIVALENT ACCESS BY BOTH VISUAL AND
- 38 NONVISUAL MEANS.

| 1 | 14 110. <u>14-</u> | <u>109.</u> | | | | | |
|----------------------|-------------------------------------|-------------------------------|--|---|---|--|-----------------------------------|
| 2 3 | (A) INDICATEI | ` / | IN THIS SI | ECTION THE FOLLO | WING WORD | S HAVE THE | E MEANINGS |
| 4 5 | MEANING | (2) STATED | | ER-BASED INSTRUC I OF THIS ARTICLE. | | "HNOLOGY" | HAS THE |
| 6 7 | ARTICLE. | (3) | "TECHNO | LOGY" HAS THE ME | EANING STAT | ED IN § 12-1 | 01 OF THIS |
| 8 9 | (B) THAT: | THE BO | ARD OF R | EGENTS OF MORGA | AN STATE UN | IVERSITY SI | HALL ENSURE |
| 12 13 14 15 | COMPUTE UNDER TH UNIVERSIT | R BASEI HS SUBT TY SHAI | ONTRACTS O INSTRUCTURE TILE FOR L INCLUD | ONS FOR BIDS, REQ S OR MODIFICATION TIONAL TECHNOLO USE BY FACULTY A E THE CLAUSE GO THE STATE FINAN | NS OF CONTR OGY TO BE D AND STUDEN VERNING NO! | ACTS FOR EVELOPED (FS AT MORC NVISUAL AC | OR OBTAINED SAN STATE CCESS |
| 17 | | (2) | NOTWITH | STANDING ANY OT | THER PROVIS | ION OF THIS | SUBTITLE: |
| 20 | | I <mark>S EQUIP</mark> | TUDENT U PED AND (| FEVERY LOCATION USE AT MORGAN ST CONFIGURED FOR E | ATE UNIVER | SITY, AT LE | AST ONE WORK |
| | | | S MEDIA U | STRUCTIONAL ENV USED IN ON LINE IN OTH VISUAL AND N | ISTRUCTION : | IS DESIGNE | |
| | TECHNOLINONVISUA | | DESIGNED | ACULTY DEVELOPE FOR EQUIVALENT | | | |
| | [(a)] Procurement and Procure | t Article, | the Univers | cept as provided in § 1 ity is exempt from Div | | | e and |
| 33 | | he Board | e, Executive of Regents | bject to review and ap e, and Legislative Revi shall develop policies a | ew Committee | of the Genera | |
| | | | l promote th | ne policies and procedure purposes of the State ance and Procurement | procurement la | | graph (i) |

- **UNOFFICIAL COPY OF HOUSE BILL 1142** [(b)]The Board of Regents shall develop an information technology plan 1 (C) 2 for the University that includes information technology policies and standards, 3 including policies and standards for information management and telecommunication 4 systems, that are functionally compatible with the State Information Technology Plan 5 established under Title 3, Subtitle 4 of the State Finance and Procurement Article. BY JANUARY 1, 2007, THE BOARD OF REGENTS SHALL DEVELOP A 6 NONVISUAL ACCESS CLAUSE FOR USE IN THE PROCUREMENT OF COMPUTER-BASED 8 INSTRUCTIONAL TECHNOLOGY. THE NONVISUAL ACCESS CLAUSE DEVELOPED UNDER SUBSECTION (D) OF 10 THIS SECTION SHALL BE CONSISTENT WITH THE STANDARDS DEVELOPED BY THE 11 DEPARTMENT OF BUDGET AND MANAGEMENT IN ACCORDANCE WITH THE 12 PROVISIONS OF § 3-412 OF THE STATE FINANCE AND PROCUREMENT ARTICLE. 13 14-409. IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS 14 (A) (1) 15 INDICATED. "COMPUTER-BASED INSTRUCTIONAL TECHNOLOGY" HAS THE 16 17 MEANING STATED IN § 12-101 OF THIS ARTICLE. "TECHNOLOGY" HAS THE MEANING STATED IN § 12-101 OF THIS 18 (3) 19 ARTICLE. 20 (B) THE BOARD OF TRUSTEES OF ST. MARY'S COLLEGE SHALL ENSURE THAT: INVITATIONS FOR BIDS, REQUESTS FOR PROPOSALS OR GRANTS, AND 21 22 PROCUREMENT CONTRACTS OR MODIFICATIONS OF CONTRACTS FOR 23 COMPUTER BASED INSTRUCTIONAL TECHNOLOGY TO BE DEVELOPED OR OBTAINED 24 UNDER THIS SUBTITLE FOR USE BY FACULTY AND STUDENTS AT ST. MARY'S 25 COLLEGE OF MARYLAND SHALL INCLUDE THE CLAUSE GOVERNING NONVISUAL 26 ACCESS REQUIRED UNDER § 3-412 OF THE STATE FINANCE AND PROCUREMENT 27 ARTICLE; AND 28 (2)NOTWITHSTANDING ANY OTHER PROVISION OF THIS SUBTITLE: AT EVERY LOCATION WHERE TECHNOLOGY IS MADE 29 (I) 30 AVAILABLE FOR STUDENT USE AT ST. MARY'S COLLEGE OF MARYLAND, AT LEAST 31 ONE WORK STATION IS EQUIPPED AND CONFIGURED FOR EQUIVALENT ACCESS BY
- 32 BOTH VISUAL AND NONVISUAL MEANS;
- 33 (II) INSTRUCTIONAL ENVIRONMENTS, DOCUMENTS, AND 34 COMMUNICATIONS MEDIA USED IN ON LINE INSTRUCTION IS DESIGNED FOR
- 35 EQUIVALENT ACCESS BY BOTH VISUAL AND NONVISUAL MEANS; AND
- 36 (III) FACULTY DEVELOPED, COMPUTER BASED INSTRUCTIONAL
- 37 TECHNOLOGY IS DESIGNED FOR EQUIVALENT ACCESS BY BOTH VISUAL AND
- 38 NONVISUAL MEANS.

- 1 (B) BY JANUARY 1, 2007, THE BOARD OF TRUSTEES SHALL DEVELOP A
- 2 NONVISUAL ACCESS CLAUSE FOR USE IN THE PROCUREMENT OF COMPUTER-BASED
- 3 INSTRUCTIONAL TECHNOLOGY.
- 4 (C) THE NONVISUAL ACCESS CLAUSE DEVELOPED UNDER SUBSECTION (B) OF
- 5 THIS SECTION SHALL BE CONSISTENT WITH THE STANDARDS DEVELOPED BY THE
- 6 DEPARTMENT OF BUDGET AND MANAGEMENT IN ACCORDANCE WITH THE
- 7 PROVISIONS OF § 3-412 OF THE STATE FINANCE AND PROCUREMENT ARTICLE.
- 8 16-318.
- 9 (A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS 10 INDICATED.
- 11 (2) "COMPUTER-BASED INSTRUCTIONAL TECHNOLOGY" HAS THE
- 12 MEANING STATED IN § 12-101 OF THIS ARTICLE.
- 13 (3) "TECHNOLOGY" HAS THE MEANING STATED IN § 12-101 OF THIS
- 14 ARTICLE.
- 15 (B) EACH BOARD OF COMMUNITY COLLEGE TRUSTEES SHALL ENSURE THAT:
- 16 (1) INVITATIONS FOR BIDS, REQUESTS FOR PROPOSALS OR GRANTS, AND
- 17 PROCUREMENT CONTRACTS OR MODIFICATIONS OF CONTRACTS FOR
- 18 COMPUTER BASED INSTRUCTIONAL TECHNOLOGY TO BE DEVELOPED OR OBTAINED
- 19 BY THE COMMUNITY COLLEGE FOR USE BY FACULTY AND STUDENTS SHALL
- 20 INCLUDE THE CLAUSE GOVERNING NONVISUAL ACCESS REQUIRED UNDER § 3-412
- 21 OF THE STATE FINANCE AND PROCUREMENT ARTICLE; AND
- 22 (2) NOTWITHSTANDING ANY OTHER PROVISION OF THIS SUBTITLE:
- 23 (I) AT EVERY LOCATION WHERE TECHNOLOGY IS MADE
- 24 AVAILABLE FOR STUDENT USE WITHIN THE COMMUNITY COLLEGE, AT LEAST ONE
- 25 WORK STATION IS EQUIPPED AND CONFIGURED FOR EQUIVALENT ACCESS BY BOTH
- **26 VISUAL AND NONVISUAL MEANS:**
- 27 (II) INSTRUCTIONAL ENVIRONMENTS, DOCUMENTS, AND
- 28 COMMUNICATIONS MEDIA USED IN ON-LINE INSTRUCTION IS DESIGNED FOR
- 29 EQUIVALENT ACCESS BY BOTH VISUAL AND NONVISUAL MEANS: AND
- 30 (III) FACULTY DEVELOPED, COMPUTER BASED INSTRUCTIONAL
- 31 TECHNOLOGY IS DESIGNED FOR EQUIVALENT ACCESS BY BOTH VISUAL AND
- 32 NONVISUAL MEANS.
- 33 (B) BY JANUARY 1, 2007, THE BOARD OF COMMUNITY COLLEGE TRUSTEES FOR
- 34 EACH COMMUNITY COLLEGE SHALL DEVELOP A NONVISUAL ACCESS CLAUSE FOR
- 35 USE IN THE PROCUREMENT OF COMPUTER-BASED INSTRUCTIONAL TECHNOLOGY.
- 36 (C) THE NONVISUAL ACCESS CLAUSE DEVELOPED UNDER SUBSECTION (B) OF
- 37 THIS SECTION SHALL BE CONSISTENT WITH THE STANDARDS DEVELOPED BY THE

| | DEPARTMENT OF BUDGET AND MANAGEMENT IN ACCORDANCE WITH THE PROVISIONS OF § 3-412 OF THE STATE FINANCE AND PROCUREMENT ARTICLE. |
|----------------|---|
| 3 | Article - State Finance and Procurement |
| 4 | 3-412. |
| 7 | (a) The Chief and the Board, in consultation with other units of State government, and after public comment, shall develop a nonvisual access clause for use in the procurement of information technology and information technology services which specifies that the technology and services: |
| 9 10 | (1) must provide equivalent access for effective use by both visual and nonvisual means; |
| 11 12 | (2) will present information, including prompts used for interactive communications, in formats intended for both visual and nonvisual use; |
| | (3) can be integrated into networks for obtaining, retrieving, and disseminating information used by individuals who are not blind or visually impaired; and |
| 16 17 | (4) shall be obtained, whenever possible, without modification for compatibility with software and hardware for nonvisual access. |
| 20 21 22 | (b) (1) Except as provided in paragraph (2) of this subsection, the nonvisual access clause required under subsection (a) of this section shall be included in each invitation for bids or request for proposals and in each procurement contract or modification of a contract issued under Title 13 of this article, without regard to the method chosen under Title 13, Subtitle 1 of this article for the purchase of new or upgraded information technology and information technology services. |
| 24 25 | (2) Except as provided in subsection (a)(4) of this section, the nonvisual access clause required under paragraph (1) of this subsection is not required if: |
| | (i) the information technology is not available with nonvisual access because the essential elements of the information technology are visual and nonvisual equivalence cannot be developed; or |
| | (ii) the cost of modifying the information technology for compatibility with software and hardware for nonvisual access would increase the price of the procurement by more than 5 percent. |
| 32 33 | SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect October 1, 2005. |