F2 5lr1884 CF 5lr2092

By: Senators Conway, Astle, Britt, Brochin, Colburn, Currie, DeGrange, Della, Dyson, Exum, Forehand, Frosh, Giannetti, Gladden, Green, Greenip, Grosfeld, Hafer, Hollinger, Hughes, Jimeno, Jones, Kelley, Kittleman, Klausmeier, Kramer, Lawlah, McFadden, Middleton, Mooney, Munson, Pinsky, Pipkin, Schrader, Stone, and Teitelbaum

Introduced and read first time: February 2, 2005

Assigned to: Education, Health, and Environmental Affairs

Committee Report: Favorable with amendments

Senate action: Adopted

Read second time: March 22, 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
- developed by the Department of Budget and Management; 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)

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1 2 3 4	BY repealing and reenacting, with amendments, Article - Education Section 11 105(b), 12-101, and 12 112 12-112, and 14-109 Annotated Code of Maryland
5	(2004 Replacement Volume and 2004 Supplement)
6 7 8 9 10 11	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)
12 13 14 15 16	Section 3-412
17 18	SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Laws of Maryland read as follows:
19	Article - Education
20	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.
24 25	(b) (1) The Commission shall coordinate the overall growth and development of postsecondary education in the State.
28	(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:
30 31	1. The present and future needs for postsecondary education and research throughout the State;
32 33	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				
2	Education complies with the State's equal educational opportunity obligations under				
	State and federal law, including Title VI of the Civil Rights Act.				
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				
	· · · · · · · · · · · · · · · · · · ·				
/	identified in §§ 10-209 and 12-106 of this article.				
0					
8	(3) (i) The Commission shall submit to the Governor and, subject to §				
	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				
12	needs of postsecondary education in the State.				
13	(4) In accordance with Subtitle 3 of this title, the Commission shall				
14	review, negotiate as necessary, and approve the appropriate role, function, and				
	mission of each public institution of postsecondary education in the State.				
13	mission of each public histiation 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				
22 23	System of Maryland in the Baltimore region, the Commission shall direct the Board of Regents of the University of Maryland to maintain and enhance a coordinated Higher				
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1 IMPLEMENTATION OF THE NONVISUAL ACCESS CLAUSE IN INFORMATION

1 IMPLEMENTATION OF THE NONVISUAL ACCESS CLAUSE IN INFORMATION 2 TECHNOLOGY AND INFORMATION TECHNOLOGY SERVICES BIDS, REQUESTS FOR 3 PROPOSALS OR GRANTS, CONTRACTS, AND MODIFICATION TO CONTRACTS, AS 4 REQUIRED UNDER § 3 412 OF THE STATE FINANCE AND PROCUREMENT ARTICLE, AS 5 APPLICABLE TO:							
6 7 THIS ARTICI	(I) LE;	THE UNIVERSITY SYSTEM OF MARYLAND UNDER TITLE 12 OF					
8	(II)	MORGAN STATE UNIVERSITY UNDER § 14-110 OF THIS ARTICLE;					
9 10 ARTICLE; A	(III) ND	ST. MARY'S COLLEGE OF MARYLAND UNDER § 14-409 OF THIS					
11	(IV)	COMMUNITY COLLEGES UNDER § 16-318 OF THIS ARTICLE.					
12 12-101.							
14 education, to 15 the economic	13 (a) In order to foster the development of a consolidated system of public higher 14 education, to improve the quality of education, to extend its benefits and to encourage 15 the economical use of the State's resources, the University System of Maryland is 16 established in accordance with the provisions of this title.						
17 (b) l	In this title the fo	ollowing words have the meanings indicated.					
	8 (1) "Board" or "Board of Regents" means the Board of Regents of the University System of Maryland.						
·	(2) "Chancellor" means the Chief Executive Officer of the University System of Maryland and the Chief of Staff for the Board of Regents.						
· ·	(2) "President" means the Chief Executive Officer of a constituent institution of the University System of Maryland.						
25 following pub	(4) "Constituent institutions", "institutions", or "campuses" means the following public senior higher education institutions under the jurisdiction of the Board of Regents:						
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

- 6 **UNOFFICIAL COPY OF SENATE BILL 360** 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>14-1</u>	<u>.09.</u>		
2 3	(A) INDICATEI	(1) O.	IN THIS	SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
4 5	MEANING	(2) STATED		UTER-BASED INSTRUCTIONAL TECHNOLOGY" HAS THE 101 OF THIS ARTICLE.
6 7	ARTICLE.	(3)	"TECHN	OLOGY" HAS THE MEANING STATED IN § 12-101 OF THIS
8 9	(B) THAT:	THE BO	OARD OF	REGENTS OF MORGAN STATE UNIVERSITY SHALL ENSURE
12 13 14 15	COMPUTE UNDER TE	R BASEI HS SUBT TY SHAI	ONTRAC D INSTRI ITLE FO LL INCLI	FIONS FOR BIDS, REQUESTS FOR PROPOSALS OR GRANTS, AND TS OR MODIFICATIONS OF CONTRACTS FOR UCTIONAL TECHNOLOGY TO BE DEVELOPED OR OBTAINED R USE BY FACULTY AND STUDENTS AT MORGAN STATE UDE THE CLAUSE GOVERNING NONVISUAL ACCESS OF THE STATE FINANCE AND PROCUREMENT ARTICLE;
17		(2)	NOTWI	THSTANDING ANY OTHER PROVISION OF THIS SUBTITLE:
20		S EQUIP	TUDENT PED AN	AT EVERY LOCATION WHERE TECHNOLOGY IS MADE TUSE AT MORGAN STATE UNIVERSITY, AT LEAST ONE WORK O CONFIGURED FOR EQUIVALENT ACCESS BY BOTH VISUAL
	COMMUNI		IS MEDIA	INSTRUCTIONAL ENVIRONMENTS, DOCUMENTS, AND A USED IN ON LINE INSTRUCTION IS DESIGNED FOR BOTH VISUAL AND NONVISUAL MEANS; AND
	TECHNOLO NONVISUA		DESIGNE	FACULTY DEVELOPED, COMPUTER BASED INSTRUCTIONAL D FOR EQUIVALENT ACCESS BY BOTH VISUAL AND
		t Article,	the Unive	Except as provided in § 11-203(e) of the State Finance and exist is exempt from Division II of the State Finance
33		he Board	ve, Execut of Regen	Subject to review and approval by the Board of Public Works ive, and Legislative Review Committee of the General as shall develop policies and procedures governing.
			ll promote	The policies and procedures developed under subparagraph (i) the purposes of the State procurement law as set inance and Procurement Article.

- **UNOFFICIAL COPY OF SENATE BILL 360** [(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:
- 29 (I) AT EVERY LOCATION WHERE TECHNOLOGY IS MADE
- 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.

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- 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 EOUIVALENT 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

32 SECTION 2. AND 33 effect October 1, 2005.

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	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.

SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take