



State of Wisconsin
2015 - 2016 LEGISLATURE

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**SENATE AMENDMENT 25,
TO SENATE SUBSTITUTE AMENDMENT 1,
TO SENATE BILL 21**

July 7, 2015 - Offered by Senators VINEHOUT, ERPENBACH, RISSER, BEWLEY, LASSA, CARPENTER, WIRCH, HANSEN, RINGHAND, MILLER, SHILLING, C. LARSON and HARRIS DODD.

1 At the locations indicated, amend the substitute amendment as follows:

2 **1.** At the appropriate places, insert all of the following:

3 **“SECTION 1.** 3.002 (intro.) and (1m) of the statutes are consolidated,
4 renumbered 3.002 and amended to read:

5 **3.002 Description of territory.** In this chapter: ~~(1m) Reference, reference~~
6 to any county or municipality means that county or municipality as its boundaries
7 exist on April 1 of the year of the federal decennial census ~~on which the districting~~
8 ~~plan described under subch. II is based.~~

9 **SECTION 2.** 3.002 (2) of the statutes is repealed.

10 **SECTION 3.** 3.004 (2) of the statutes is amended to read:

11 3.004 (2) “Ward” means a ward prescribed by a municipality based upon
12 municipal boundaries in effect on April 1 of the year of the federal decennial census

1 in accordance with the most recent revision of municipal wards under s. 5.15 upon
2 which the districting plan described under subch. II is based and used in preparing
3 congressional and legislative redistricting plans as required under s. 4.005.

4 **SECTION 4.** Subchapter I of chapter 4 [precedes 4.001] of the statutes is repealed
5 and recreated to read:

6 **CHAPTER 4**

7 **SUBCHAPTER I**

8 **GENERAL PROVISIONS**

9 **AND REDISTRICTING**

10 **4.001 Definitions.** In this chapter, unless the context requires otherwise:

11 (1) “Block” has the meaning given in s. 5.02 (1q).

12 (2) “Commission” means the redistricting advisory commission established
13 under s. 13.49.

14 (3) “Plan” means a plan for legislative and congressional reapportionment
15 prepared under this subchapter.

16 (4) “Political subdivision” means a city, town, village, or county within this
17 state.

18 (5) “Section 2 of the Voting Rights Act” means 42 U.S.C. 1973.

19 (6) “Ward” means a municipal ward in effect on April 1 of the year of the federal
20 decennial census and used in preparing congressional and legislative redistricting
21 plans as required under s. 4.005.

22 **4.002 Political subdivision boundaries.** In this chapter, reference to any
23 political subdivision means that political subdivision as its boundaries exist on April
24 1 of the year of the federal decennial census.

1 **4.003 Legislative districts established.** This state is divided into 33 senate
2 districts, each composed of 3 assembly districts. Each senate district may elect one
3 member of the senate. Each assembly district may elect one representative to the
4 assembly.

5 **4.004 Preparations for redistricting. (1)** The legislative reference bureau
6 shall acquire appropriate information, review and evaluate available facilities, and
7 develop programs and procedures in preparation for drawing congressional and
8 legislative redistricting plans on the basis of each federal decennial census.

9 **(2)** By December 1 of the year of the decennial federal census, the legislative
10 reference bureau shall obtain from the U.S. bureau of the census information
11 regarding geographic and political units in this state for which federal census
12 population data has been gathered and will be tabulated. The legislative reference
13 bureau shall use the information to do all of the following:

14 (a) Prepare necessary descriptions of geographic and political units for which
15 census data will be reported and which are suitable for use as components of
16 legislative districts.

17 (b) Prepare maps of geographic and political units within the state which may
18 be used to illustrate the locations of district boundaries proposed in plans prepared
19 in accordance with s. 4.007.

20 **(3)** As soon as possible after receiving from the U.S. bureau of the census the
21 population data needed for legislative redistricting which the U.S. bureau of the
22 census is required to provide this state under P. L. 94-171, the legislative reference
23 bureau shall use that data to assign a population figure based upon certified federal
24 census data to each geographic or political unit described under sub. (2) (b). The
25 legislative reference bureau shall prepare and publish an analysis describing the

1 population of current legislative and congressional districts and the extent to which
2 the districts may violate the standards under s. 4.007. Upon satisfying these
3 requirements, the legislative reference bureau shall begin the preparation of
4 congressional and legislative redistricting plans as required under s. 4.006.

5 **4.005 Use of municipal ward plans.** After receipt of a division ordinance or
6 resolution under s. 5.15 (4) (b), the legislative reference bureau shall use the data
7 obtained from the U.S. bureau of the census under s. 4.004 (3) to assign a population
8 figure based upon certified federal census data to each ward established in the
9 division ordinance or resolution. The legislative reference bureau shall use each
10 ward to which a population figure is assigned in preparing congressional and
11 legislative redistricting plans as required under s. 4.006.

12 **4.006 Preparation of redistricting plans. (1)** Not later than January 1 of
13 the 2nd year following the decennial federal census, the legislative reference bureau
14 shall deliver to the majority leader of the senate and speaker of the assembly
15 identical bills creating plans of legislative and congressional redistricting, prepared
16 in accordance with s. 4.007. Either the assembly or the senate shall bring the bill to
17 a vote expeditiously, but not less than 7 days after the commission report under s.
18 13.49 (3) (c) 2. is received and made available to the members of the legislature. The
19 vote shall be under a procedure or rule permitting no amendments except those of
20 a purely corrective nature. If the bill is approved by the first house in which it is
21 considered, the bill shall expeditiously be brought to a vote in the 2nd house under
22 a similar procedure or rule.

23 **(2)** If neither of the bills delivered by the legislative reference bureau under
24 sub. (1) is approved by both the assembly and the senate, the chief clerk of the house
25 that failed to approve the bill shall immediately transmit to the legislative reference

1 bureau information which that house may direct regarding reasons why the plan was
2 not approved. The legislative reference bureau shall prepare identical bills
3 embodying a 2nd plan of legislative and congressional redistricting prepared in
4 accordance with s. 4.007, taking into account the reasons transmitted to the
5 legislative reference bureau under this subsection insofar as it is possible to do so
6 within the requirements of s. 4.007. The legislative reference bureau shall deliver
7 the bills to the majority leader of the senate and the speaker of the assembly no later
8 than 21 days after the date of the vote by which the senate or the assembly failed to
9 approve the bill submitted under sub. (1). Any bill delivered by the legislative
10 reference bureau under this subsection shall be expeditiously introduced and
11 brought to a vote not less than 7 days after the date of introduction, in the same
12 manner as prescribed for the bill required under sub. (1).

13 **(3)** If neither of the bills delivered by the legislative reference bureau under
14 sub. (2) is approved by both the assembly and the senate, the same procedure as
15 prescribed by sub. (2) shall be followed. If a 3rd plan is required under this
16 subsection, the legislative reference bureau shall deliver the bills to the majority
17 leader of the senate and the speaker of the assembly no later than 21 days after the
18 date of the vote by which the senate or the assembly failed to approve the bill
19 submitted under sub. (2). Any bill delivered by the legislative reference bureau
20 under this subsection shall be expeditiously introduced and brought to a vote not less
21 than 7 days after the date of introduction and shall be subject to amendment in the
22 same manner as other bills.

23 **(4)** Notwithstanding subs. (1) to (3):

24 (a) If certified federal census data which is sufficient to permit preparation of
25 a congressional redistricting plan becomes available at an earlier time than the

1 population data needed to permit preparation of a legislative redistricting plan in
2 accordance with s. 4.007, the legislative reference bureau shall so inform the
3 majority leader of the senate and the speaker of the assembly. If the majority leader
4 of the senate and the speaker of the assembly jointly direct, the legislative reference
5 bureau shall prepare a separate bill establishing congressional districts and deliver
6 it separately from the bill establishing legislative districts. The legislature shall
7 proceed to consider the congressional redistricting bill in substantially the manner
8 prescribed by subs. (1) to (3).

9 (b) If the population data for legislative redistricting which the U.S. bureau of
10 the census is required to provide this state under P. L. 94-171 and, if used by the
11 legislative reference bureau, the corresponding topologically integrated geographic
12 encoding and referencing data file for that population data are not available to the
13 legislative reference bureau on or before April 1 of the first year following the
14 decennial federal census, the deadlines set forth in this section shall be extended by
15 a number of days equal to the number of days after April 1 of the first year following
16 the decennial federal census that the population data and the topologically
17 integrated geographic encoding and referencing data file for legislative redistricting
18 become available.

19 **4.007 Redistricting standards. (1)** Legislative and congressional districts
20 shall be established on the basis of population requirements imposed under the
21 Wisconsin Constitution and the U.S. Constitution and requirements imposed under
22 Section 2 of the Voting Rights Act.

23 (2) Senate and assembly districts, respectively, shall satisfy the population
24 standards established in this subsection. The quotient, obtained by dividing the sum
25 of the absolute values of the deviations of all district populations from the applicable

1 ideal district population by the number of districts established, may not exceed 1
2 percent of the applicable ideal district population, unless necessary to maintain
3 compliance with Section 2 of the Voting Rights Act. For purposes of this subsection,
4 the ideal district population is determined by dividing the number of districts to be
5 established into the population of the state reported in the most recent federal
6 decennial census. No senate district may have a population which exceeds that of
7 any other senate district by more than 10 percent and no assembly district may have
8 a population which exceeds that of any other assembly district by more than 10
9 percent, unless necessary to maintain compliance with Section 2 of the Voting Rights
10 Act.

11 **(3)** Congressional districts shall each have a population as nearly equal as
12 practicable to the ideal district population, derived as prescribed in sub. (2), while
13 maintaining compliance with Section 2 of the Voting Rights Act. No congressional
14 district may have a population which varies by more than 1 percent from the
15 applicable ideal district population, unless necessary to comply with Section 2 of the
16 Voting Rights Act.

17 **(4)** District boundaries shall coincide with ward boundaries and, to the extent
18 consistent with sub. (1), shall coincide with the boundaries of political subdivisions.
19 The number of political subdivisions divided among more than one district shall be
20 as small as possible. When there is a choice among political subdivisions to divide,
21 the more populous political subdivisions shall be divided before the less populous,
22 except that this requirement does not apply to a legislative district boundary drawn
23 along a county boundary which passes through a city with territory in more than one
24 county.

1 **(5)** Districts shall be composed of convenient contiguous territory. Areas which
2 meet only at the points of adjoining corners are not contiguous.

3 **(6)** (a) In this subsection:

4 1. “Geographic unit center” means that point within a population data unit
5 approximately equidistant from the northern and southern extremities and also
6 approximately equidistant from the eastern and western extremities of the
7 population data unit. This point shall be determined by visual observation of a map
8 of the population data unit, unless it is otherwise determined within the context of
9 an appropriate coordinate system developed by the federal government or another
10 source that the legislative reference bureau determines is qualified and objective and
11 is obtained for use in this state with prior approval of the joint committee on
12 legislative organization.

13 2. “Population data unit” means a ward, census enumeration district, block, or
14 other unit of territory having clearly identified geographic boundaries and for which
15 a total population figure is included in or can be derived directly from certified
16 federal census data.

17 3. “X-coordinate” means the relative location of a point along the east–west
18 axis of the state. Unless otherwise measured within the context of an appropriate
19 coordinate system obtained for use as permitted by subd. 1., the x-coordinate shall
20 be measured along a line drawn due east from a due north and south line running
21 through the point which is the western extremity of this state, to the point to be
22 located.

23 4. “Y-coordinate” means the relative location of a point along the north–south
24 axis of the state. Unless otherwise measured within the context of an appropriate
25 coordinate system obtained for use as permitted by subd. 1., the y-coordinate shall

1 be measured along a line drawn due south from a due east and west line running
2 through the point which is the northern extremity of this state, to the point to be
3 located.

4 (b) To the extent consistent with subs. (1) to (3), districts shall be compact in
5 form. Compact districts are those which are square, rectangular, or hexagonal in
6 shape to the extent permitted by natural or political boundaries. When it is
7 necessary to compare the relative compactness of 2 or more districts, or of 2 or more
8 alternative redistricting plans, the tests prescribed by pars. (c) and (d) shall be used.
9 Should the results of these 2 tests be contradictory, the standard under par. (c) shall
10 be given greater weight than the standard under par. (d).

11 (c) 1. The compactness of a district is greatest when the length of the district
12 and the width of the district are equal. The measure of a district's compactness is
13 the absolute value of the difference between the length and the width of the district.

14 2. In measuring the compactness of a district by means of electronic data
15 processing, the difference between the x-coordinates of the easternmost and the
16 westernmost geographic unit centers included in the district shall be compared to the
17 difference between the y-coordinates of the northernmost and southernmost
18 geographic unit centers included in the district.

19 3. To determine the length and width of a district by manual measurement, the
20 distance from the northernmost point or portion of the boundary of a district to the
21 southernmost point or portion of the boundary of the same district and the distance
22 from the westernmost point or portion of the boundary of the district to the
23 easternmost point or portion of the boundary of the same district shall each be
24 measured. If the northernmost or southernmost portion of the boundary, or each of
25 these points, is a part of the boundary running due east and west, the line used to

1 make the measurement required by this subdivision shall be drawn either due north
2 and south or as nearly so as the configuration of the district permits. If the
3 easternmost or westernmost portion of the boundary, or each of these points, is a part
4 of the boundary running due north and south, a similar procedure shall be followed.
5 The lines to be measured for the purpose of this subdivision shall each be drawn as
6 required by this subdivision, even if some part of either or both lines lies outside the
7 boundaries of the district which is being tested for compactness.

8 4. The absolute values computed for individual districts under this paragraph
9 may be cumulated for all districts in a plan in order to compare the overall
10 compactness of 2 or more alternative redistricting plans for the state or for a portion
11 of the state. However, it is not valid to cumulate or compare absolute values
12 computed using the measurements under subd. 2. with those computed using the
13 measurements under subd. 3.

14 (d) 1. The compactness of a district is greatest when the ratio of the dispersion
15 of population about the population center of the district to the dispersion of
16 population about the geographic center of the district is one to one.

17 2. The population dispersion about the population center of a district or about
18 the geographic center of a district is computed as the sum of the products of the
19 population of each population data unit included in the district multiplied by the
20 square of the distance from the geographic unit center of that population data unit
21 to the population center or the geographic center of the district, as the case may be.
22 The geographic center of the district is defined by averaging the locations of all
23 geographic unit centers which are included in the district. The population center of
24 the district is defined by computing the population-weighted average of the
25 x-coordinates and y-coordinates of each geographic unit center assigned to the

1 district, it being assumed for the purpose of this calculation that each population
2 data unit possesses uniform density of population.

3 3. The ratios computed for individual districts under this paragraph may be
4 averaged for all districts in a plan in order to compare the overall compactness of 2
5 or more alternative redistricting plans for the state or for a portion of the state.

6 (7) In preparing any redistricting plan, the legislative reference bureau shall
7 be strictly nonpartisan. No district may be drawn for the purpose of favoring a
8 political party, incumbent legislator or member of Congress, or other person or group
9 or, except to the extent required under sub. (1), for the purpose of augmenting or
10 diluting the voting strength of a language or racial minority group. In establishing
11 districts, no use shall be made of any of the following data:

12 (a) The residence addresses of incumbent legislators or members of Congress.

13 (b) Political affiliations of registered voters.

14 (c) Previous election results.

15 (d) Demographic information except as necessary to meet the requirements of
16 sub. (1).

17 (8) The number of assembly districts in any redistricting plan may not be less
18 than 54 nor more than 100. The number of senate districts in any redistricting plan
19 may not be more than one-third nor less than one-fourth of the number of assembly
20 districts. Each senate district shall contain only whole assembly districts. Except
21 as otherwise provided in this subsection, to the extent possible, each congressional
22 district shall contain only whole senate districts. The other standards specified in
23 this section shall take precedence where a conflict arises between those standards
24 and the requirement of including only whole senate districts within a congressional
25 district.

1 **4.008 Required provisions in redistricting bills.** Each bill delivered under
2 s. 4.006 shall provide all of the following:

3 (1) That, wherever territory is described in the bill by geographic boundaries,
4 the following conventions are used:

5 (a) Each bound continues to the intersection with the bound next named, or to
6 the intersection with a straight-line extension of such bound.

7 (b) If the bound is a street, it follows the center line of the street or the center
8 line of the street extended.

9 (c) If the bound is a railroad right-of-way, it follows the center line of the
10 railroad right-of-way.

11 (d) If the bound is a river or stream, it follows the center of the main channel
12 of such river or stream.

13 (e) If the bound follows a municipal boundary, it coincides with such boundary.

14 (2) That the bill first applies, with respect to regular elections, to offices filled
15 at the next occurring general election after the bill takes effect and, with respect to
16 special or recall elections, to offices filled or contested on or after the date of that
17 general election.

18 **4.0085 Challenge based on population inequality; burden of proof.** If
19 an action is brought challenging a legislative redistricting plan under this
20 subchapter on the basis of an excessive population variance among senate or
21 assembly districts established in the plan, the legislature has the burden of
22 justifying any variance in excess of 10 percent between the population of a senate or
23 assembly district and the applicable ideal district population. If an action is brought
24 challenging a congressional redistricting plan under this subchapter on the basis of
25 an excessive population variance among congressional districts established in the

1 plan, the legislature has the burden of justifying any variance in excess of 1 percent
2 between the population of a congressional district and the applicable ideal district
3 population.

4 **SECTION 5.** 5.15 (4) (a) of the statutes is amended to read:

5 5.15 (4) (a) Except as provided in par. (c), the division ordinance or resolution
6 shall number all wards in the municipality with unique whole numbers in
7 consecutive order, beginning with the number one, shall designate the polling place
8 for each ward, and shall describe the boundaries of each ward consistent with the
9 conventions set forth in s. ~~4.003~~ 4.008 (1). The ordinance or resolution shall be
10 accompanied by a list of the block numbers used by the U.S. bureau of the census that
11 are wholly or partly contained within each ward, with any block numbers partly
12 contained within a ward identified, and a map of the municipality which illustrates
13 the revised ward boundaries. If the legislature, in an act redistricting legislative
14 districts under article IV, section 3, of the constitution, or in redistricting
15 congressional districts, establishes a district boundary within a municipality that
16 does not coincide with the boundary of a ward established under the ordinance or
17 resolution of the municipality, the municipal governing body shall, no later than
18 April 10 of the 2nd year following the year of the federal decennial census on which
19 the act is based, amend the ordinance or resolution to the extent required to effect
20 the act. The amended ordinance or resolution shall designate the polling place for
21 any ward that is created to effect the legislative act. Nothing in this paragraph shall
22 be construed to compel a county or city to alter or redraw supervisory or aldermanic
23 districts.

24 **SECTION 6.** 13.49 of the statutes is created to read:

25 **13.49 Redistricting advisory commission. (1) DEFINITIONS.** In this section:

1 (a) "Chief election officer" means the chief election officer of the government
2 accountability board.

3 (b) "Four selecting authorities" means all of the following:

4 1. The majority leader of the senate.

5 2. The minority leader of the senate.

6 3. The speaker of the assembly.

7 4. The minority leader of the assembly.

8 (c) "Partisan public office" means any of the following:

9 1. The office of governor, lieutenant governor, secretary of state, state treasurer,
10 attorney general, state senator, or state representative to the assembly.

11 2. A county office which is filled by an election process involving nomination
12 and election of candidates on a partisan basis.

13 (d) "Political party office" means an elective office in a political party, as defined
14 in s. 5.02 (13), or in a national political party.

15 (e) "Relative" means an individual who is related to the person in question as
16 father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece,
17 husband, wife, grandfather, grandmother, father-in-law, mother-in-law,
18 son-in-law, daughter-in-law, brother-in-law, sister-in-law, stepfather,
19 stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, or half
20 sister.

21 **(2) GENERAL PROVISIONS.** (a) Not later than February 15 of the first year
22 following the decennial federal census, a temporary redistricting advisory
23 commission is created consisting of 5 members. Each of the 4 selecting authorities
24 shall certify to the chief election officer the selecting authority's appointment of a
25 person to serve on the commission. Within 30 days after the last selecting authority

1 has certified his or her appointment, but not later than February 15 of the first year
2 following the decennial federal census, the 4 commission members so appointed shall
3 select, by a vote of at least 3 members, and certify to the chief election officer the 5th
4 commission member, who shall serve as chairperson.

5 (b) No individual may be appointed to the redistricting advisory commission
6 who satisfies any of the following:

7 1. The individual is not an eligible elector of this state at the time of the
8 appointment.

9 2. The individual holds partisan public office or political party office.

10 3. The individual is a relative of or is employed by a member of the legislature
11 or of Congress, or is employed directly by the legislature or Congress.

12 (c) Members of the redistricting advisory commission appointed by a selecting
13 authority shall be reimbursed from the appropriation account under s. 20.765 (1) (a)
14 or (b), depending upon the house in which that member's appointing authority holds
15 office, for actual and necessary expenses incurred in performance of duties as a
16 commission member. The member who is not appointed by a selecting authority
17 shall be reimbursed from the appropriation under s. 20.765 (1) (a) for actual and
18 necessary expenses incurred in performance of duties as a commission member.

19 (d) A vacancy on the redistricting advisory commission shall be filled as
20 provided in s. 17.20 (1) within 15 days after the vacancy occurs.

21 (e) Each redistricting advisory commission terminates upon complying with
22 sub. (3).

23 **(3) DUTIES.** The redistricting advisory commission shall do all of the following:

24 (a) If requested to do so by the legislative reference bureau, provide direction
25 to the legislative reference bureau concerning any decision the legislative reference

1 bureau must make in preparing a redistricting plan under subch. I of ch. 4 for which
2 no clearly applicable guideline is provided under s. 4.007.

3 (b) Upon delivery by the legislative reference bureau of a bill embodying a
4 redistricting plan as required under s. 4.006, make available to the public at the
5 earliest feasible time all of the following information:

6 1. Copies of the bill.

7 2. Maps illustrating the plan.

8 3. A summary of the standards prescribed under s. 4.007 for development of the
9 plan.

10 4. A statement of the population of each district included in the plan, and the
11 relative deviation of each district population from the ideal district population.

12 (c) Upon delivery by the legislative reference bureau of an initial bill embodying
13 a redistricting plan as required under s. 4.006 (1), do all of the following:

14 1. As expeditiously as reasonably possible, schedule and conduct at least 3
15 public hearings, in different geographic regions of the state, on the plan embodied
16 in the bill. No more than one public hearing may be held in the city of Madison and
17 at least one public hearing shall be held in the northern half of the state.

18 2. Following the hearings held under subd. 1., promptly prepare and submit
19 to the legislature in the manner provided under s. 13.172 (2) a report summarizing
20 information and testimony received by the commission in the course of the hearings.
21 The report may include any comments and conclusions which the commission's
22 members deem appropriate concerning the information and testimony received at
23 the hearings or otherwise presented to the commission. The report shall be treated
24 in the same manner as a report submitted under s. 13.172 (2).

1 **(4) CONFIDENTIALITY.** The redistricting advisory commission may establish
2 policies limiting the information that the legislative reference bureau may provide
3 to persons outside of the bureau staff concerning any redistricting plan prepared
4 under subch. I of ch. 4, except that any such policy does not apply to a redistricting
5 plan after a bill embodying that plan is delivered by the legislative reference bureau
6 as required under s. 4.006 or to population data furnished to the legislative reference
7 bureau by the U.S. bureau of the census.

8 **SECTION 9315. Initial applicability; Government Accountability Board.**

9 **(1m) REDISTRICTING.** The repeal of section 3.002 (2) of the statutes, the
10 consolidation, renumbering, and amendment of section 3.002 (intro.) and (1m) of the
11 statutes, the amendment of sections 3.004 (2) and 5.15 (4) (a) of the statutes, the
12 repeal and recreation of subchapter I of chapter 4 [precedes 4.001] of the statutes,
13 and the creation of section 13.49 of the statutes first apply to redistricting plans
14 based on the 2020 decennial federal census.”.

15 **2.** Page 16, line 5: delete lines 5 to 16.

16 **3.** Page 20, line 3: delete lines 3 to 15.

17 **4.** Page 20, line 16: delete that line.

18 **5.** Page 22, line 15: delete that line.

19 **6.** Page 23, line 13: delete lines 13 to 21.

20 **7.** Page 25, line 2: delete lines 2 to 4.

21 **8.** Page 25, line 22: delete lines 22 and 23.

22 **9.** Page 26, line 10: delete lines 10 and 11.

23 **10.** Page 28, line 12: delete that line.

- 1 **11.** Page 28, line 13: delete that line.
- 2 **12.** Page 28, line 14: delete that line.
- 3 **13.** Page 29, line 11: delete lines 11 to 15.
- 4 **14.** Page 29, line 20: delete that line.
- 5 **15.** Page 31, line 13: delete that line.
- 6 **16.** Page 31, line 15: delete the material beginning with that line and ending
7 with page 35, line 10.
- 8 **17.** Page 37, line 12: delete lines 12 to 16.
- 9 **18.** Page 40, line 18: delete lines 18 to 22.
- 10 **19.** Page 44, line 14: delete lines 14 and 15.
- 11 **20.** Page 46, line 8: delete that line.
- 12 **21.** Page 66, line 13: delete lines 13 to 25.
- 13 **22.** Page 67, line 1: delete the material beginning with that line and ending
14 with page 68, line 5.
- 15 **23.** Page 71, line 16: delete the material beginning with that line and ending
16 with page 72, line 20.
- 17 **24.** Page 73, line 16: delete lines 16 to 19.
- 18 **25.** Page 301, line 24: delete the material beginning with that line and ending
19 with page 302, line 3.
- 20 **26.** Page 343, line 16: delete lines 16 to 20.
- 21 **27.** Page 376, line 25: delete that line.
- 22 **28.** Page 396, line 1: delete lines 1 to 6.

- 1 **29.** Page 425, line 6: delete lines 6 to 23.
- 2 **30.** Page 516, line 1: delete lines 1 to 4.
- 3 **31.** Page 799, line 1: delete lines 1 to 23.
- 4 **32.** Page 841, line 8: delete lines 8 to 11.
- 5 **33.** Page 1148, line 10: delete lines 10 to 22.
- 6 **34.** Page 1162, line 1: delete that line.
- 7 **35.** Page 1268, line 17: delete lines 17 and 18.
- 8 **36.** Page 1337, line 6: delete the material beginning with that line and ending
9 with page 1339, line 8.
- 10 **37.** Page 1368, line 11: delete the material beginning with that line and
11 ending with page 1371, line 21.
- 12 **38.** Page 1458, line 11: delete the material beginning with that line and
13 ending with page 1459, line 14.
- 14 **39.** Page 1530, line 14: delete the material beginning with that line and
15 ending with page 1531, line 10.
- 16 **40.** Page 1549, line 12: delete lines 12 to 17.
- 17 **41.** Page 1557, line 8: delete lines 8 to 11.
- 18 **42.** Page 1565, line 2: delete lines 2 to 10.
- 19 **43.** Page 1570, line 17: delete lines 17 and 18.

20

(END)