

## Errata by Chapter

The Bureau of Land Management respectfully requests that readers of the Manual of Surveying Instructions (2009) (Manual) report any errors found. Errors should be brought to the attention of the Bureau of Land Management Chief Cadastral Surveyor, by sending an email with the details to [blmsurveymanual@blm.gov](mailto:blmsurveymanual@blm.gov). Errata and related adjustments will be posted on this Web page so that the information is available to all users of the Manual.

Sort By: Date | Chapter

### Chapter 1

Section 1-20., Page 8

The last sentence in item (5) of the right column should read:

However, case law in the courts later established that the Surveyor General, i.e., the Government, could correct or change a survey up until such time as private rights were acquired based on the survey.  
(12/16/2010 - 34)

### Chapter 2

Section 2-19., Page 31

The formula for the factor of eccentricity should read:

$$e = \sqrt{1 - \frac{b^2}{a^2}}$$

Formula for the factor of eccentricity.

(12/16/2010 - 35)

### Chapter 3

Section 3-119., Figure 3-44., Page 69

The figure has been revised to better symbolize that the N. and S. center line of the NW 1/4 interests the north section line of section 22 at 20 chains east of the NW section corner, and not at the meander corner. [See revised figure.](#)

(10/29/2013 - 44)

Section 3-121., Page 70

The last sentence should read:

This subdivision-of-section method is also used when the evidence conclusively shows that the meander corner, as well as closing or equivalent corners, was actually established as a terminal corner.  
(12/16/2010 - 36)

Section 3-157., Page 81

The third sentence of item (7) should read:

In a like manner, random and true lines will be surveyed from the established protracted corner to the existing corner designated on the amended protraction diagram.  
(10/27/2010 - 1)

Section 3-157., Page 81

In the fourth line of item (10), the spaces between the words and punctuation are missing.

(10/27/2010 - 2)

[See Washington Office Instruction Memorandum No. 2010-187 \(08/19/10\)](#)

(10/27/2010 - 3)

## Chapter 5

Section 5-17., Page 131

The period is missing at the end of the first paragraph.

(10/27/2010 - 6)

## Chapter 7

Section 7-10., Figure 7-2., Page 167

Under the "True line solution", the bearing from "X" to "C" should be S. 89° 59' 09" W., not N. 89° 59' 09" W., and in the "True Line" table, for Course X-C, the "Lat." column, should read S. 0.010, not N. 0.010. [See revised figure 7-2.](#)

(10/27/2010 - 7)

Section 7-13., Page 168

The last sentence should read:

The position of the point E in latitude would be determined by proportionate measurement between the points A and B.

(10/29/2013 - 40)

Section 7-22., Figure 7-3., Page 169

The figure is out of scale, i.e., the  $\frac{1}{4}$  section corners should be at midpoint between the section corners. [See revised figure 7-3.](#)

(10/27/2010 - 8)

Section 7-23., Figure 7-4., Page 169

The figure is out of scale, i.e., the  $\frac{1}{4}$  section corners should be at midpoint between the section corners. [See revised figure 7-4.](#)

(10/27/2010 - 9)

Section 7-26., Page 170

The second sentence of the section should read:

In these cases, a recovered junior corner not actually located on the line that it was intended should not control the line for measurement or alinement.

(10/27/2010 - 10)

Section 7-42., Figure 7-6., Page 172

The figure is out of scale, i.e., the  $\frac{1}{4}$  section corners should be at midpoint between the section corners. [See revised figure 7-6.](#)

(10/27/2010 - 11)

Section 7-52., Figure 7-8., Page 175

(a) For "departure C =" the denominator should be "total record dist" and not "total lat record dist"

(b) For "departure C1 =" the denominator should be "78.44" and not "78.4107"

(c) Also for "departure C1 =" the product should be "-0.5028" and not "-.5025"

(d) The bearing C1 should be "N. 0° 44' 46" W." and not "N. 0° 44' 45" W."

(e) For "departure C2 =" the denominator should be "78.44" and not "78.4107"

(f) Also for "departure C2 =" the product should be "1.6530" and not "1.6532"

(g) The bearing C2 should be "N. 2° 21' 13" E." and not "N. 2° 21' 14" E."

[See revised figure 7-8.](#)

(10/27/2010 - 12)

Section 7-58., Page 178

The period is missing at the end of the third sentence.

(10/27/2010 - 13)

Section 7-59., Figure 7-12., Page 179

The correct easting coordinate for point A-3 is 39.835, not 17.683. [See revised figure 7-12.](#)

(10/27/2010 - 14)

## Chapter 8

Section 8-133., Figure 8-29., Page 211

The caption should read:

Figure 8-29. The proportionate acreage method gives the riparian owners a proportionate share of the accreted land based on the total extent of their frontage, related to the total quantity of the accreted land to be divided.

(12/23/2013 - 45)

Section 8-16., Page 185

The last sentence should read:

If it is desirable to remeander the body of water in order to show the true conditions at the date of the section subdivision, the plat should show new lottings and/or areas for unpatented lands within the invaded sections (section 9-109 and figure 9-9).

(10/29/2013 - 41)

Section 8-45., Page 191

The last sentence of the section should read:

Where a prestatehood grant of real property to an Indian tribe includes navigable waters within the grant boundaries and the grant is construed to include the submerged lands, title to the bed was withheld for the benefit of the tribe.

(10/27/2010 - 15)

Section 8-133., Figure 8-29., Page 211

The caption should read:

Figure 8-29. The proportionate area method gives the owner a share of the accreted land in proportion to the total extent of his or her holdings.

(10/29/2013 - 42: see 12/23/2013 - 45)

Chapter VIII Notes Prefaces, Page 225

[See Washington Office Instruction Memorandum No. 2010-187 \(08/19/10\)](#)

(10/27/2010 - 4)

Chapter VIII Notes., Page 241

The first sentence of the page should read:

The Arizona Supreme Court, at 107 Ariz. 465 (1971), proceeded to define the OHWM as having the same meaning as the ordinary high water line and to affirm that Arizona employs the vegetation and the agricultural uses test for determination of the OHWM.

(10/27/2010 - 16)

Chapter VIII Notes., Page 253

The last sentence of the fourth paragraph of the Koch case should read:

Each parcel was found to be above the OHWM of the river at the time of the original survey and at all times since.

(10/27/2010 - 17)

[See Washington Office Instruction Memorandum No. 2010-187 \(08/19/10\)](#)

(10/27/2010 - 5)

## Chapter 9

Section 9-96., Page 309

The second sentence of the section should read:

The specific purpose to be served and the details involved are included in the authorization signed by the Chief Cadastral Surveyor or request signed by the requesting official.

(10/27/2010 - 18)

Section 9-97., Page 310

The section should read:

Upon the determination by the approving official of the requirement for a supplemental plat, special instructions giving the detailed specifications will be set out, prepared, signed, and approved. Assignment instructions will be issued. A survey group file will be created and contain the entire record of the supplemental plat process.

(10/27/2010 - 19)

Section 9-99., Page 310

The last sentence of the first paragraph should read:

The survey group file must contain corner description information, copies of local surveys, examination reports, the authorization or request, special instructions, assignment instructions, and other relevant materials.

(10/27/2010 - 20)

Section 9-102., Figure 9-6., Page 313

The caption should read:

Figure 9-6. Supplemental plat with segregation of mineral claims.

(10/27/2010 - 21)

Section 9-115., Page 318

The second sentence of the section should read:

The specific purpose to be served and the details involved are included in the authorization signed by the Chief Cadastral Surveyor or request signed by the requesting official.

(10/27/2010 - 22)

Section 9-115., Page 318

The last sentence of the section should read:

The administrative determination of the need for a protraction diagram rests with the appropriate Chief Cadastral Surveyor, subject to the diagram's acceptance for the BLM Director, and filing in the official survey records.

(10/27/2010 - 23)

Section 9-116., Page 318

The section should read:

Upon the determination by the approving official of the requirement for a protraction diagram, special instructions giving the detailed specifications will be set out, prepared, signed, and approved. Assignment instructions will be issued. A survey group file will be created and contain the entire record of the protraction diagram process.

(10/27/2010 - 24)

Section 9-117., Pages 318 and 320

The last sentence of the first paragraph should read:

The survey group file must contain corner description information, copies of local surveys, examination reports, the authorization or request, special instructions, assignment instructions, and other relevant materials.  
(10/27/2010 - 25)

## Chapter 10

Section 10-110., Page 352

The section number should read "10-110." not "1-110."

(10/27/2010 - 26)

Section 10-133., Page 356

The first sentence of the fourth paragraph should read:

The three preceding paragraphs are intended to permit the surveyor to obtain connections in a practicable manner based upon existing field conditions.

(10/27/2010 - 27)

Appendix I, Specimen Field Notes, Cover Page, Page 375

The space between "Survey commenced:" and "June 1, 2009" is missing and should read:

Survey commenced:     June 1, 2009

(10/27/2010 - 28)

Appendix I, Specimen Field Notes, Index Diagram, Page 376

[See revised Index Diagram.](#)

(10/27/2010 - 29)

Appendix I, Specimen Field Notes, Page 378

The first sentence of the "EDITOR NOTE" should read:

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EDITOR NOTE.- The field notes of the resurvey of a portion of Rancho San Blas, Mineral Surveys No. 3202, 3205, and 3206, and a portion of the east boundary are omitted.

(10/27/2010 - 30)

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Appendix I, Specimen Plat, Pocket inside the back cover

The topographic feature Clear Creek in section 33 is missing and should be added. [See revised plat.](#)

(10/27/2010 - 31)

Appendix I, Specimen Plat, Pocket inside the back cover

The bearing between sections 17 and 18 from the corner of sections 7, 8, 17, and 18, on the main plat, should be "S. 0° 05' E." and not "N. 0° 05' W.". [See revised plat.](#)

(10/27/2010 - 32)

Appendix I, Specimen Plat, Pocket inside the back cover

The dashed line showing the outline of the unnamed island in the Yellowstone River in section 25 is missing and should be added. [See revised plat.](#)

(10/27/2010 - 33)

Appendix I, Specimen Plat, Pocket inside the back cover

The tie shown to the witness corner at the cor. of secs. 1, 2, 11 and 12 should be "N. 0° 02' W.", and not "S. 0° 02' E.". [See revised plat.](#)

The tie shown to the witness corner at the 1/4 sec. cor. of sec. 1 and 2 should be "SOUTH", and not "NORTH". [See revised plat.](#)

(10/29/2013 - 43)

Appendix III, Specimen Field Notes, Pages 452 through 462

The distance column should read: FEET

[See revised Appendix III, Specimen Field Notes.](#)

(12/16/2010 - 37)

Appendix III, Specimen Field Notes, Page 453

The description at 170.28 feet should read:

Intersect line 3-4, M.S. No. 19142 I.X.L. lode, at a point from which Cor. No. 3 bears N. 61° 27' E., 871.43 ft. dist. and Cor. No. 4 bears S. 61° 27' W., 628.57 ft. dist., both hereinafter described.

(12/16/2010 - 38)

Appendix III, Specimen Field Notes, Pages 463 through 470

The distance column should be blank.

[See revised Appendix III, Specimen Field Notes.](#)

(12/16/2010 - 39)

(10/27/2010 - 33)