

APPENDIX B

ADAAG 15.2 / ADA-ABA 1003 ACCESSIBLE BOATING FACILITIES

Background.

The Architectural Barriers Act (ABA) was passed by Congress in 1967, and subsequently ABA Guidelines were developed and published.

The Americans with Disabilities Act (ADA) was passed by Congress in 1990 and the following year the Americans with Disabilities Accessibility Guidelines (ADAAG) were approved and published by the Architectural and Transportation Barriers Compliance Board (ATBCB, commonly known as the Access Board). ADAAG provides guidelines for compliance with the ADA, including general information, instructions, definitions, accessible elements and spaces restaurants and cafeterias, medical facilities, places of business, civic facilities, libraries, transient lodging, transportation facilities, judicial and legislative facilities, detention and correctional facilities, residential housing, public rights-of-way, and **recreational facilities**. ADAAG 15 is the section in which recreation facilities are addressed, and ADAAG 15.2 addresses Recreational Boating Facilities.

When ADAAG was published in 1991, ADAAG 15 was held in reserve pending research, investigation and development of appropriate criteria upon which to base accessibility guidelines for recreational facilities. In 2002, ADAAG 15 was finally published by the Access Board. However, in July 2004, the Access Board published a new accessibility guideline called the Americans with Disabilities Act - Architectural Barriers Act (ADA-ABA), a merged document containing guidelines from both the 1967 ABA guidelines and the 1991 ADA guidelines.

The ADA-ABA guidelines are now being reviewed by the federal Department of Justice (DOJ), and upon approval will become federal rules that will be enforced by DOJ. In the meantime, ADAAG is still applicable and should be complied with. How soon DOJ will approve the new ADA-ABA is not known at this time.

Comparison of the ADAAG and the ADA-ABA.

In merging the two guideline documents, they were edited and completely re-formatted. The table on the next page of this appendix shows ADAAG 15.2 in the left column, and ADA-ABA Chapter 10 in the right column, complete with all of the cross references unique to the two guidelines. Where particular guidelines have been carried over into ADA-ABA, the text is the same or similar in opposite columns. Where changes or deletions occur, blank spaces will be seen in one or the other columns.

ADAAG ADA-ABA Comparison Chart

(Published by Access Board on September 3, 2002)

(Published by Access Board on July 23, 2004)
(Published in Federal Register by DOJ September 30, 2004)

Americans with Disabilities Accessibility Guidelines

ADAAG Section 15.2 Recreational Boating Facilities

15.2 Boating Facilities.

15.2.1 General. Newly designed or newly constructed and altered boating facilities shall comply with 15.2.

15.2.2 Accessible Route. Accessible routes, including gangways that are part of accessible routes, shall comply with 4.3.

Americans with Disabilities Act—Architectural Barriers Act

ADA-ABA Chapter 10, Section 1003 Recreational Boating Facilities

1003 Recreational Boating Facilities

1003.1 General. Recreational boating facilities shall comply with 1003.

1003.2 Accessible Routes. Accessible routes serving recreational boating facilities, including gangways and floating piers, shall comply with Chapter 4 except as modified by the exceptions in 1003.2.

1003.2.1 Boat Slips. Accessible routes serving boat slips shall be permitted to use the exceptions in 1003.2.1.

EXCEPTION 1. Where an existing gangway or series of gangways is replaced or altered, an increase in the length of the gangway is not required to comply with 15.2.2, unless required by 4.1.6(2).

EXCEPTION 2. The maximum rise specified in 4.8.2 shall not apply to gangways.

EXCEPTION 3. Where the total length of the gangway or series of gangways serving as part of a required accessible route is at least 80 feet (24 m), the maximum slope specified in

EXCEPTION 1. Where an existing gangway or series of gangways is replaced or altered, an increase in the length of the gangway shall not be required to comply with 1003.2 unless required by 202.4.

EXCEPTION 2. Gangways shall not be required to comply with the maximum rise specified in 405.6.

EXCEPTION 3. Where the total length of a gangway or series of gangways serving as part of a required accessible route is 80 feet (24 m) minimum, gangways shall not be

4.8.2 shall not apply to the gangways.

EXCEPTION 4. In facilities containing fewer than 25 boat slips and where the total length of the gangway or series of gangways serving as part of a required accessible route is at least 30 feet (9140 mm), the maximum slope specified in 4.8.2 shall not apply to the gangways.

EXCEPTION 5. Where gangways connect to transition plates, landings specified by 4.8.4 shall not be required.

EXCEPTION 6. Where gangways and transition plates connect and are required to have handrails, handrail extensions specified by 4.8.5 shall not be required. Where handrail extensions are provided on gangways or transition plates, such extensions are not required to be parallel with the ground or floor surface.

EXCEPTION 7. The cross slope of gangways, transition plates, and floating piers that are part of an accessible route shall be 1:50 maximum measured in the static position.

EXCEPTION 8. Limited-use/limited-application elevators or platform lifts complying with 4.11 shall be permitted in lieu of gangways complying with 4.3.

required to comply with 405.2.

EXCEPTION 4. Where facilities contain fewer than 25 boat slips and the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 405.2.

EXCEPTION 5. Where gangways connect to transition plates, landings specified by 405.7 shall not be required.

EXCEPTION 6. Where gangways and transition plates connect and are required to have handrails, handrail extensions shall not be required. Where handrail extensions are provided on gangways or transition plates, the handrail extensions shall not be required to be parallel with the ground or floor surface.

EXCEPTION 7. The cross slope specified in 403.3 and 405.3 for gangways, transition plates, and floating piers that are part of accessible routes shall be measured in the static position.

EXCEPTION 8. Changes in level complying with 303.3 and 303.4 shall be permitted on the surfaces of gangways and boat launch ramps.

15.2.3 Boat Slips: Minimum Number. Where boat slips are provided, boat slips complying with 15.2.5 shall be provided in accordance with Table 15.2.3. Where the number of boat slips is not identified, each 40 feet (12 m) of boat slip edge provided along the perimeter of the pier shall be counted as one boat slip for the purpose of this section.

Table 15.2.3

Total Boat Slips in Facility	Minimum Number of Required Accessible Boat Slips
1 to 25	1
26 to 50	2
51 to 100	3
101 to 150	4
151 to 300	5
301 to 400	6
401 to 500	7
501 to 600	8
601 to 700	9
701 to 800	10
810 to 900	11
901 to 1000	12
1001 and over	12, plus 1 for each 100 or fraction thereof over 1000

235.2 Boat Slips. Boat slips complying with 1003.3.1 shall be provided in accordance with Table 235.2. Where the number of boat slips is not identified, each 40 feet of boat slip edge provided along the perimeter of the pier shall be counted as one boat slip for the purpose of this section.

235.2 Boat Slips

Total Number of Boat Slips Provided in Facility	Minimum Number of Required Accessible Boat Slips
1 to 25	1
26 to 50	2
51 to 100	3
101 to 150	4
151 to 300	5
301 to 400	6
401 to 500	7
501 to 600	8
601 to 700	9
701 to 800	10
810 to 900	11
901 to 1000	12
1001 and over	12, plus 1 for each 100 or fraction thereof over 1000

15.2.3.1 Dispersion. Accessible boat slips shall be dispersed throughout the various types of slips provided. This provision does not require an increase in the minimum number of boat slips required to be accessible.

15.2.4 Boarding Piers at Boat Launch Ramps. Where boarding piers are provided at boat launch ramps, at least 5 percent, but not less than one of the boarding piers shall comply with 15.2.4 and shall be served by an accessible route complying with 4.3.

EXCEPTION 1. Accessible routes serving floating boarding piers shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 15.2.2.

EXCEPTION 2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is at least 30 feet (9140 mm), the maximum slope specified by 4.8.2 shall not apply to the gangways.

EXCEPTION 3. Where the accessible route serving a floating boarding pier or skid pier is located within a boat launch ramp, the portion of the accessible route located within the boat launch ramp shall not be required to comply with 4.8.

15.2.4.1 Boarding Pier Clearances. The entire length of the piers shall comply with 15.2.5.

235.2.1 Dispersion. Boat slips complying with 1003.3.1 shall be dispersed throughout the various types of boat slips provided. Where the minimum number of boat slips required to comply with 1003.3.1 has been met, no further dispersion shall be required.

235.3 Boarding Piers at Boat Launch Ramps. Where boarding piers are provided at boat launch ramps, at least 5 percent, but no fewer than one, of the boarding piers shall comply with 1003.3.2.

1003.2.2 Boarding Piers at Boat Launch Ramps. Accessible routes serving boarding piers at boat launch ramps shall be permitted to use the exceptions in 1003.2.2.

EXCEPTION 1. Accessible routes serving floating boarding piers shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 1003.2.1.

EXCEPTION 2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 405.2.

EXCEPTION 3. Where the accessible route serving a floating boarding pier or skid pier is located within a boat launch ramp, the portion of the accessible route located within the boat launch ramp shall not be required to comply with 405.

1003.3 Clearances. Clearances at boat slips and on boarding piers at boat launch ramps shall comply with 1003.3

15.2.5 Accessible Boat Slips. Accessible boat slips shall comply with 15.2.5.

15.2.5.1 Clearances. Accessible boat slips shall be served by clear pier space 60 inches (1525 mm) wide minimum and at least as long as the accessible boat slips. Every 10 feet (3050 mm) maximum of linear pier edge serving the accessible boat slips shall contain at least one continuous clear opening 60 inches (1525 mm) minimum in width.

EXCEPTION 1. The width of the clear pier space shall be permitted to be 36 inches (915 mm) minimum for a length of 24 inches (610 mm) maximum, provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) minimum clear in length.

EXCEPTION 2. Edge protection 4 inches (100 mm) high maximum and 2 inches (51 mm) deep maximum shall be permitted at the continuous clear openings.

EXCEPTION 3. In alterations to existing facilities, clear pier space shall be permitted to be located perpendicular to the boat slip and shall extend the width of the boat slip, where the facility has at least one boat slip complying with 15.2.5, and further compliance with 15.2.5 would result in a reduction in the number of boat slips available or result in a reduction of the widths of existing slips.

1003.3.1 Boat Slip Clearance. Boat slips shall provide clear pier space 60 inches (1525 mm) wide minimum and at least as long as the boat slips. Each 10 feet (3050 mm) maximum of linear pier edge serving boat slips shall contain at least one continuous clear opening 60 inches (1525 mm) wide minimum.

EXCEPTION 1. Clear pier space shall be permitted to be 36 inches (915 mm) wide minimum for a length of 24 inches (610 mm) maximum, provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.

EXCEPTION 2. Edge protection shall be permitted at the continuous clear openings, provided that it is 4 inches (100 mm) high maximum and 2 inches (51 mm) wide maximum.

EXCEPTION 3. In existing piers clear pier space shall be permitted to be located perpendicular to the boat slip and shall extend the width of the boat slip, where the facility has at least one boat slip complying with 1003.3, and further compliance with 1003.3 would result in a reduction in the number of boat slips available or result in a reduction in the widths of existing slips.

1003.3.2 Boarding Pier Clearances. Boarding piers at boat launch ramps shall provide clear pier space 60 inches (1525 mm) wide minimum and shall extend the full length of the boarding pier. Every 10 feet (3050 mm) maximum of linear pier edge shall contain at least one continuous clear opening 60

inches (1525 mm) wide minimum.

EXCEPTION 1. The clear pier space shall be permitted to be 36 inches (915 mm) wide minimum for a length of 24 inches (610 mm) maximum provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.

EXCEPTION 2. Edge protection shall be permitted at the continuous clear openings provided that it is 4 inches (100 mm) high maximum and 2 inches (51 mm) wide maximum.

15.2.5.2 Cleats and Other Boat Securement Devices. Cleats and other boat securement devices shall not be required to comply with 4.27.3.

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