

From: [Mike Murray](#)
To: [Sandra Hamilton](#); mike.stevens@sol.doi.gov; jason.waanders@sol.doi.gov
Cc: [Doug Wetmore](#)
Subject: Fw: beach segment descriptions
Date: 03/03/2010 02:57 PM
Attachments: [Beach segment descriptions for reg.docx](#)

See below FYI. For the proposed rule the park is trying to come up beach segment location descriptions that are not dependent upon the current ramp numbers. The attached draft is a first attempt to do this. Will have a more polished version next week; but would appreciate some preliminary feedback during our conference call tomorrow on the proposed rule. Will our approach, using narrative description from fixed points (usually town or village boundaries) be adequately precise for the purposes of the reg? Our intent is to avoid using ramp numbers as the key landmarks in the reg to designate route from point A to point B, in case we change ramp names at a later date (e.g., to coincide with highway mile markers, which would make sense), or if/when maps or facilities are lost (e.g., what if Coquina Beach washes away and we decide not to replace it?). We want to avoid having to revisit the reg at a later date if ramp numbers or other landmarks identifying beach segments change.

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----- Forwarded by Mike Murray/CAHA/NPS on 03/03/2010 04:48 PM -----

**Mike
Murray/CAHA/NPS**

03/03/2010 01:17 PM

To: Laura Pickens/CAHA/NPS
cc: Paul Stevens/CAHA/NPS@NPS, Thayer
Broilli/CAHA/NPS@NPS, Darrell Echols/CAHA/NPS@NPS
Subject: beach segment descriptions

Laura,

Attached is the table we discussed. I went ahead and tried to write descriptions of the various beach segments by doing the math using the various segment lengths in the table. Any mileage shown in () is uncertain and needs to be confirmed. I tried to use simple language to the extent possible (e.g., said "south of Salvo" rather than "south of the south boundary of Salvo"). It remains to be seen if the Solicitors will want more explicit language.

In any case, please check the segment mileages, see if my math is correct, make

any corrections or improvement(s) in wording (use Track Changes), and add the lat/long information. Ideally, would be good to have a draft by **COB Tuesday, March 9** to send to the reg team.



Beach segment descriptions for reg.docx

Thanks,

Mike Murray
Superintendent
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BEACH SEGMENT DESCRIPTIONS FOR PROPOSED RULE, v03/03/10 MBM

Oceanside Location	Mileage**	Geographic Location Description	Latitude/Longitude Coordinates	Alternative F: Management Based on Advisory Committee Input
Bodie Island (north to south) Ramp 1 to north end of Coquina Beach	0.9	From the Nags Head boundary to 0.9 miles south of Nags Head		X
North end of Coquina Beach to 0.5 mile south of Coquina	0.8	From 0.9 miles to 1.7 miles south of Nags Head		X Ramp 2 relocated approx. 0.5 mile south of Coquina Beach.
0.5 mile south of Coquina to 0.2 mile south of ramp 4 (Includes beach in front of Oregon Inlet Campground. If Bonner Bridge construction closes ramp 4, new Ramp 3 will be constructed north of campground and day-use parking and trailhead near campground will be provided.)	2.1	From 1.7 miles to 3.9 miles south of Nags Head		ORV route YR
0.2 mile south of ramp 4 to inlet to SW edge of Bait Pond (Species Management Area)	1.9	From 3.9 miles south of Nags Head to Oregon Inlet		ORV route—Aug 1 to Mar 14 Non-ORV area—Mar 15 to Jul 31** **Area closed to ORVs from March 15 to July 31, or until 2 weeks after shorebird breeding ceases or all chicks have fledged, whichever is later. When pre-nesting area is established, a pedestrian access corridor would be allowed along ocean shoreline to the inlet. When shorebird breeding activity is observed, standard buffers would apply, which depending upon the circumstances could close the access corridor. Pedestrian trail to inlet from new parking near campground established. Trail subject to resource closures. (ML2)
Hatteras Island (north to south) Rodanthe–Waves–Salvo to ramp 23 (includes Tri-Village beaches)	5.3	Rodanthe–Waves–Salvo to __ miles (e.g., 0.2 miles) south of Salvo		ORV route—Sep 16 to May 14 Non-ORV area—May 15 to Sep 15 Parking at ramp 23 expanded.

Oceanside Location	Mileage**	Geographic Location Description	Latitude/Longitude Coordinates	Alternative F: Management Based on Advisory Committee Input
Ramp 23 to ramp 27	4.3	From (0.2) miles south of Salvo to (4.5) miles south of Salvo		ORV route YR. New ramps with parking established at 24 and 26. ⁺ There would be 1.5 miles of "floating" non-ORV area for nonbreeding shorebirds, either here or in one of the segments below.
Ramp 27 to ramp 30 (Species Management Area)	2.2	From (4.5) miles south of Salvo to 6.7 miles south of Salvo		X (ML1)
Ramp 30 to (new) ramp 32.5	2.5	From 6.7 miles south of Salvo to 9.2 miles south of Salvo		ORV route YR ⁺ New ramp with parking established at 32.5. ⁺ There would be 1.5 miles of "floating" non-ORV area for nonbreeding shorebirds, either here, in the above segment, or in the next segment.
(New) ramp 32.5 to ramp 34 (Species Management Area)	1.8	From 9.2 miles south of Salvo to ____ (e.g., 0.2) miles north of Avon		ORV route ⁺ —Aug 1 to Mar 14 Non-ORV area—Mar 15 to Jul 31** **Area closed from Mar 15 to Jul 31, or until 2 weeks after shorebird breeding ceases or all chicks have fledged, whichever is later. ⁺ There would be 1.5 miles of "floating" non-ORV area for nonbreeding shorebirds, either here or in one of the two previous segments. (ML1)
Ramp 34 to ramp 38 (includes Avon Village Beach)	3.9	From (0.2) miles north of Avon to ____ (e.g., 0.2) miles south of Avon		ORV route—Sep 16 to May 14 Non-ORV area—May 15 to Sep 15
Ramp 38 to approx. 1.7 miles south	1.7	From (0.2) miles south of Avon to (1.9) miles south of Avon		ORV route YR Parking at ramp 38 expanded.
Approximately 1.7 miles south of ramp 38 (i.e., Haulover) to Buxton line (Species Management Area)	2.0	From (1.9 miles) south of Avon to Buxton		X New ramp 39 across from Haulover and new soundside parking at Kite Point established. (ML1)

Oceanside Location	Mileage**	Geographic Location Description	Latitude/Longitude Coordinates	Alternative F: Management Based on Advisory Committee Input
Buxton village beach to 0.4 mile north of ramp 43	1.9	From north end of Buxton to ___ miles south of Buxton		X NPS or Dare County to establish new parking at old Coast Guard Station site.
0.4 mile north of ramp 43 to ramp 43	0.4	From ___ miles south of Buxton to (___ + 0.4) miles south of Buxton		ORV route YR
Ramp 43 to 0.2 mile south of ramp 44	0.6	From (___ + 0.4) miles south of Buxton to (___ + 1.0) miles south of Buxton		ORV route YR
0.2 mile south of ramp 44 to Cape Point to approx. 0.2 mile west of the hook (Species Management Area)	1.0	From (___ + 1.0) miles south of Buxton to Cape Point 0.2 miles west of the hook		ORV route YR With expected limited access Mar 15 to Jul 31 When pre-nesting area is established, ORV access corridor would be allowed along ocean shoreline to the point. When shorebird breeding activity is observed, standard buffers would apply, which depending upon the circumstances could close the access corridor. (ML2)
Cape Point 0.2 mile west of the hook to ramp 45 (Species Management Area)	1.2	From 0.2 mile west of Cape Point to 1.4 miles west of Cape Point		ORV route—Aug 1 to Mar 14 Non-ORV area—Mar 15 to Jul 31 (ML1)
Ramp 45 to (new) ramp 47 (Species Management Area)	1.7	From 1.4 miles west of Cape Point to 2.9 miles east of Frisco		ORV route ⁺ —Aug 1 to Mar 14 Non-ORV area—Mar 15 to Jul 31 Interdunal road extended and new ramp 47 established. ⁺ There would be 1.5 miles of “floating” nonbreeding shorebird area, either here or in the segment below. (ML1)

Oceanside Location	Mileage**	Geographic Location Description	Latitude/Longitude Coordinates	Alternative F: Management Based on Advisory Committee Input
(New) ramp 47 to ramp 49 (includes beach in front of Frisco Campground)	1.7	From 2.9 miles east of Frisco to 1.2 miles east of Frisco		ORV route YR ⁺ Interdunal road extended west of new ramp 47 to ramp 49 and new ramp 48 established. ⁺ There would be 1.5 miles of "floating" nonbreeding shorebird area, either here or in the segment above.
Ramp 49 to East Frisco boundary	1.2	From 1.2 miles east of Frisco to Frisco		ORV route YR
Frisco Village Beach (east village boundary to west boundary)	1.1	Frisco		ORV route—Dec 1 to Feb 28 Non-ORV area—Mar 1 to Nov 30
Sandy Bay / Frisco Day-Use Area (west Frisco boundary to east Hatteras Village boundary)	1.4	From Frisco to Hatteras Village		X
Hatteras Village Beach (east boundary to ramp 55)	2.2	Hatteras Village		ORV route—Dec 1 to Feb 28 Non-ORV area—Mar 1 to Nov 30
Ramp 55 along ocean beach to 0.2 mile southwest of Bone Road	1.8	From ___ (0.1?) mile south of Hatteras Village to (1.9) miles south of Hatteras Village		ORV route YR
Pole Road from NC-12 past Cable Crossing access to Spur Road	2.3			ORV route YR West of the overwash fan, Pole Road re-routed toward the sound to provide natural barrier to bird nesting area south of road.
Cable Crossing along sound shoreline to Spur Road	0.8			ORV route YR when width allows, subject to resource closure(s) to protect vegetation.
Spur Road along sound shoreline to Hatteras Inlet	0.2			ORV route YR Pedestrian access to the "rip" permitted from soundside during breeding season, subject to resource closures.

Oceanside Location	Mileage**	Geographic Location Description	Latitude/Longitude Coordinates	Alternative F: Management Based on Advisory Committee Input
Ocean shoreline from 0.2 mile southwest of Bone Road (a.k.a. Fort Clark Spur) to inlet (Species Management Area)	1.0	From (1.9) mile south of Hatteras Village to Hatteras Inlet		X New interdunal road extending southwest and northeast of the south end of Pole Road established to provide access to False Point and inlet. (ML1)
Ocracoke Island (north to south) Inlet to 0.25 mile northeast of ramp 59 (Species Management Area)	1.1	From Hatteras Inlet to 11.7 miles northeast of the entrance to Ocracoke airstrip (AKA Ramp 70)		X New interdunal road established parallel to the beach extending from ramp 59 for 0.3 mile northeast toward the inlet, with parking at the terminus. (ML1)
0.25 mile northeast of ramp 59 to 0.25 mile southwest of ramp 59	0.5	From 11.7 to 11.2 miles northeast of the entrance to Ocracoke airstrip		ORV route YR
0.25 mile southwest of ramp 59 to new ramp 62 at 3.0 miles northeast of Pony Pen area	2.4	From 11.2 to 8.8 miles northeast of the entrance to Ocracoke airstrip		X
New ramp 62 to new ramp 64 at 1.0 mile northeast of Pony Pen	2.0	From 8.8 to 6.8 miles northeast of the entrance to Ocracoke airstrip		ORV route YR New ramps 62 and 64 established. Parking established at ramp 64.
New ramp 64 at 1.0 mile northeast of Pony Pen to 0.75 mile northeast of ramp 67	2.3	From 6.8 to 4.5 miles northeast of the entrance to Ocracoke airstrip		X Parking at Pony Pen expanded.
0.75 mile northeast of ramp 67 to 0.5 mile northeast of ramp 68	1.4	From 4.5 to 3.1 miles northeast of the entrance to Ocracoke airstrip		ORV route YR
0.5 mile northeast of ramp 68 to 0.5 mile southwest of ramp 68 (Ocracoke Campground area)	1.0	From 3.1 to 2.1 miles northeast of the entrance to Ocracoke airstrip		ORV route—Nov 1 to Mar 31 Non-ORV area—Apr 1 to Oct 31
0.5 mile southwest of ramp 68 to 1.2 miles northeast of ramp 70 (Species Management Area)	0.9	From 2.1 to 1.2 miles northeast of the entrance to Ocracoke airstrip		ORV route—Nov 1 to Mar 14 Non-ORV area—Mar 15 to Oct 31 (ML1)

Oceanside Location	Mileage**	Geographic Location Description	Latitude/Longitude Coordinates	Alternative F: Management Based on Advisory Committee Input
1.2 miles northeast of ramp 70 to 0.5 mile northeast of ramp 70 (includes Ocracoke Day-Use Area)	0.8	From 1.2 miles to 0.5 miles northeast of the entrance to Ocracoke airstrip		ORV route—Nov 1 to Mar 31 Non-ORV area—Apr 1 to Oct 31
0.5 mile northeast of ramp 70 to 0.5 mile southwest of ramp 72	2.7	From 0.5 miles northeast to 2.2 miles southwest of the entrance to Ocracoke airstrip		ORV route YR
0.5 mile southwest of ramp 72 to inlet (Species Management Area)	3.0	From 2.2 miles southwest of the entrance to Ocracoke airstrip to Ocracoke Inlet		ORV route YR ⁺ With expected limited access Mar 15 to Jul 31 When pre-nesting area is established, ORV access corridor would be allowed along ocean shoreline to the inlet. When shorebird breeding activity is observed, standard buffers would apply, which depending upon the circumstances could close the access corridor. ⁺ There would be 1.0 mile of “floating” ocean shoreline area for nonbreeding shorebirds. Area would be bypassed via the ORV corridor on the upper beach during nonbreeding season. (ML2)

* Details on soundside access provided in table 2.

**All mileages are approximate.

***Area(s) open to ORV use, except when resource, seasonal, or safety closures are in effect.

Designated ORV routes and areas (X = No ORV use permitted, YR = ORV use permitted year-round).

All ORV routes and areas subject to temporary resource closures.