

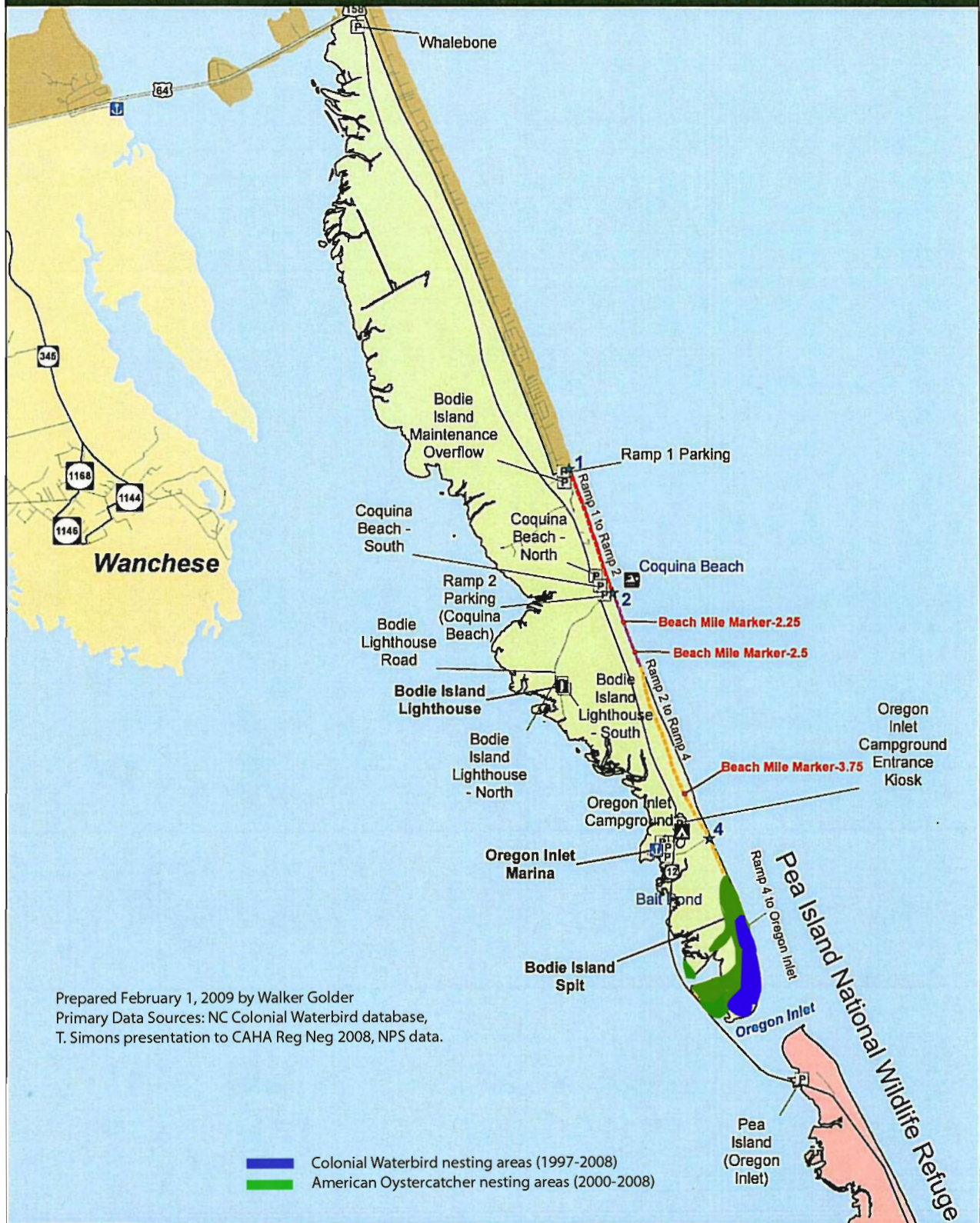
NEGOTIATED RULEMAKING COMMITTEE

CAHA NON-BREEDING SHORE BIRD AREAS AND COLONIAL WATERBIRD AND AMERICAN OYSTER CATCHER NESTING AREAS

The following maps were prepared on February 1, 2009 by Walker Golder, National Audubon Society, North Carolina State Office.

The maps were prepared using data from the following sources:

NC Colonial Waterbird database
International Shorebird database
Atlantic Coast REKN survey
International PIPL survey data
CBC Database
T. Simons presentation to CAHA Reg Neg 2008
M. Erwin presentation to CAHA Reg Neg 2008
A. Hecht presentation to CAHA Reg Neg 2008
NPS waterbird data
NPS Shorebird data
Dinsmore et al 1998
Cohen et al 2008
Callazo et al 1995
Barbee 1994
Erwin 2005
Cohen 2005
Meyers 2005
Harrington 2008
Parnell et al. 1993
Parnell and Shields 1990

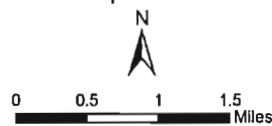


Legend

- | | | |
|----------------|-----------------------------|-------------|
| CAHA Boundary | ORV Ramps | Interstate |
| PinWR Boundary | Oceanside Ramps | US Hwy |
| Vicages | Soundside Ramps | State Hwy |
| Boat Ramps | Current Access (status quo) | Other |
| Campgrounds | Closed to ORV Year-Round | Ferry Route |
| Parking Lots | Seasonally Open to ORV* | |
| Airports | Open to ORV Year-Round* | |
| Swim Beaches | | |

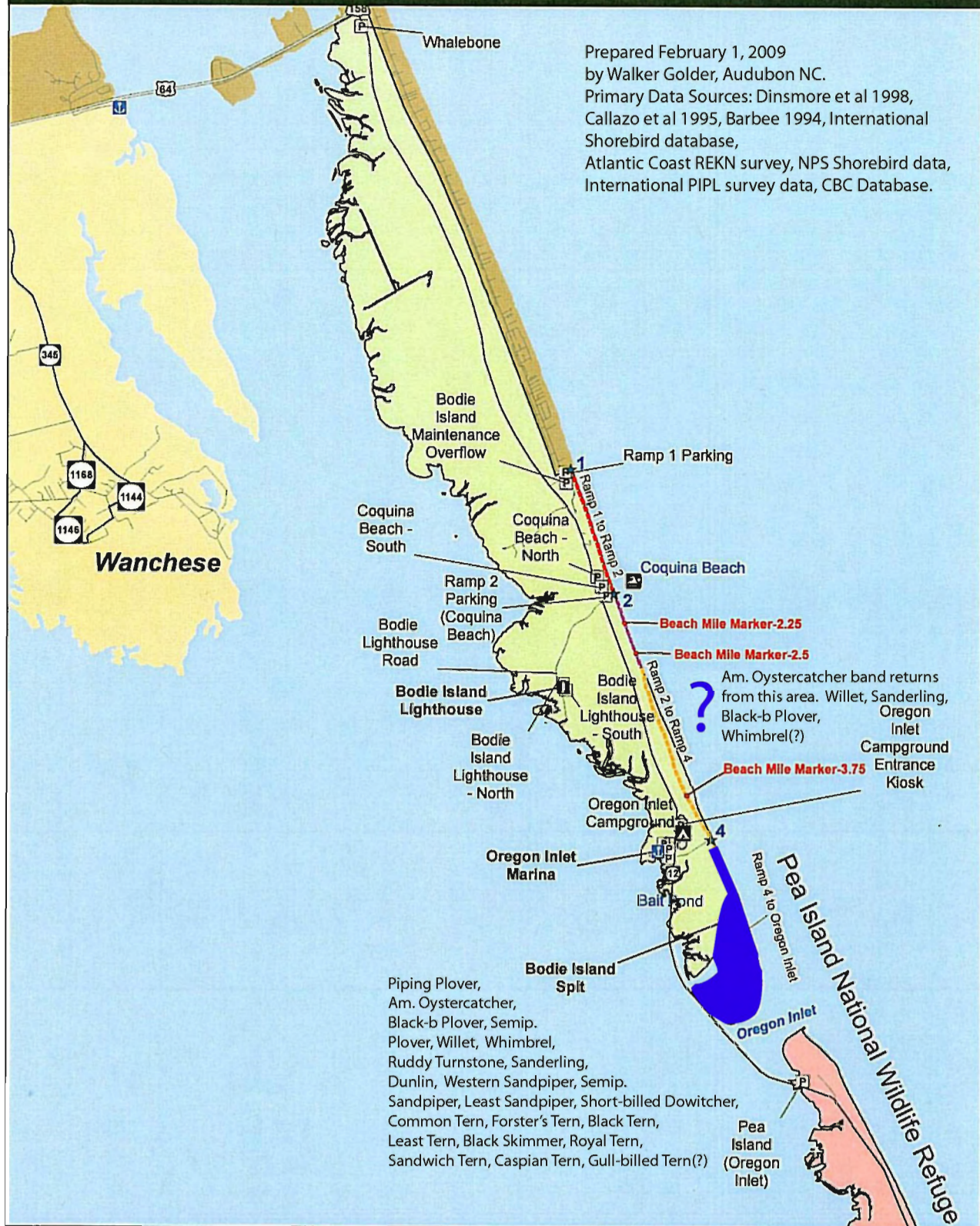
*Areas open to ORV are subject to temporary resource or safety closures.

Bodie Island Ranger District
Map 1 of 3

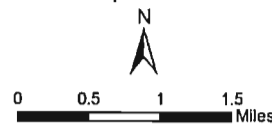


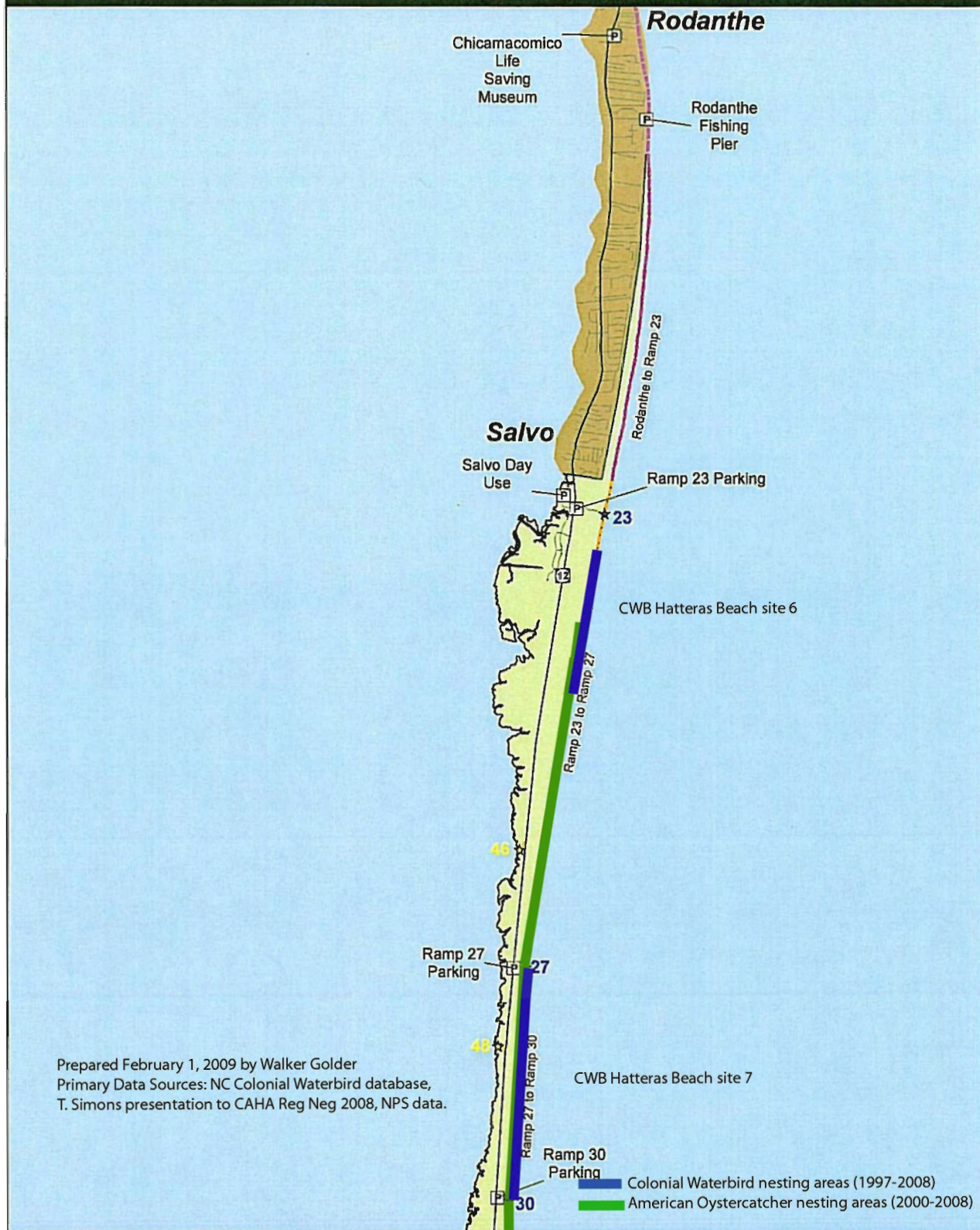


Prepared February 1, 2009
by Walker Golder, Audubon NC.
Primary Data Sources: Dinsmore et al 1998,
Callazo et al 1995, Barbee 1994, International
Shorebird database,
Atlantic Coast REKN survey, NPS Shorebird data,
International PIPL survey data, CBC Database.



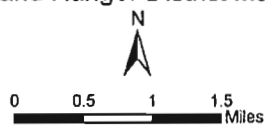
Bodie Island Ranger District
Map 1 of 3





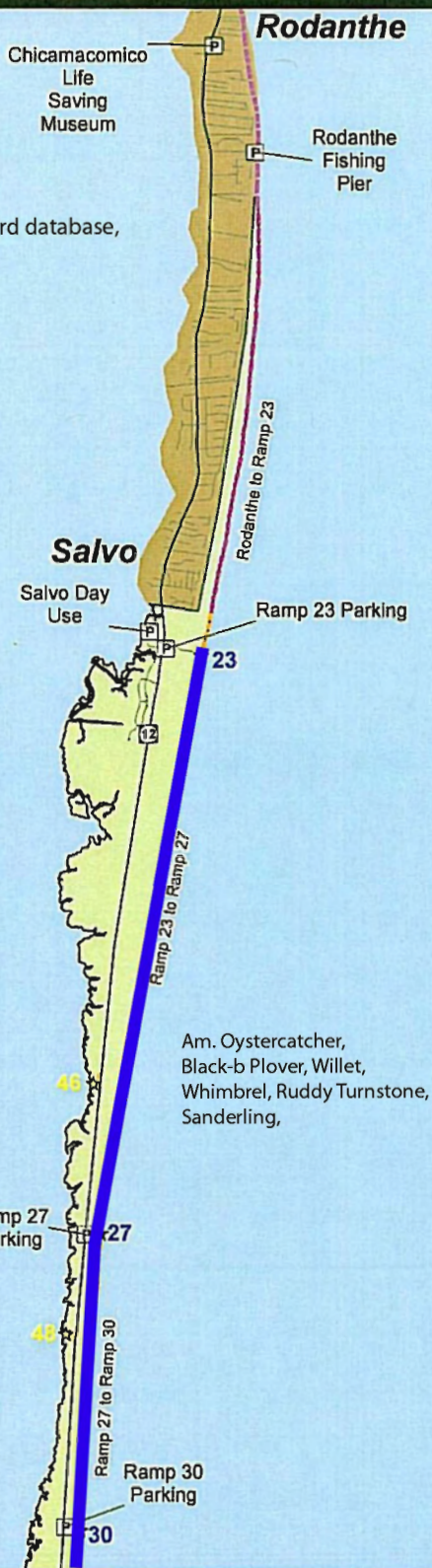
- Legend**
- CAHA Boundary
 - PINWR Boundary
 - Villages
 - Boat Ramps
 - Campgrounds
 - Parking Lots
 - Airports
 - Swim Beaches
 - ORV Ramps
 - Oceanside Ramps
 - Soundside Ramps
 - Current Access (status quo)
 - Closed to ORV Year-Round
 - Seasonally Open to ORV*
 - Open to ORV Year-Round*
 - Interstate
 - US Hwy
 - State Hwy
 - Other
 - Ferry Route

Bodie Island Ranger District Map 3 of 3 &
Hatteras Island Ranger District Map 1 of 4





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Primary Data Sources: Dinsmore et al 1998,
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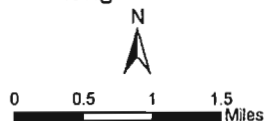


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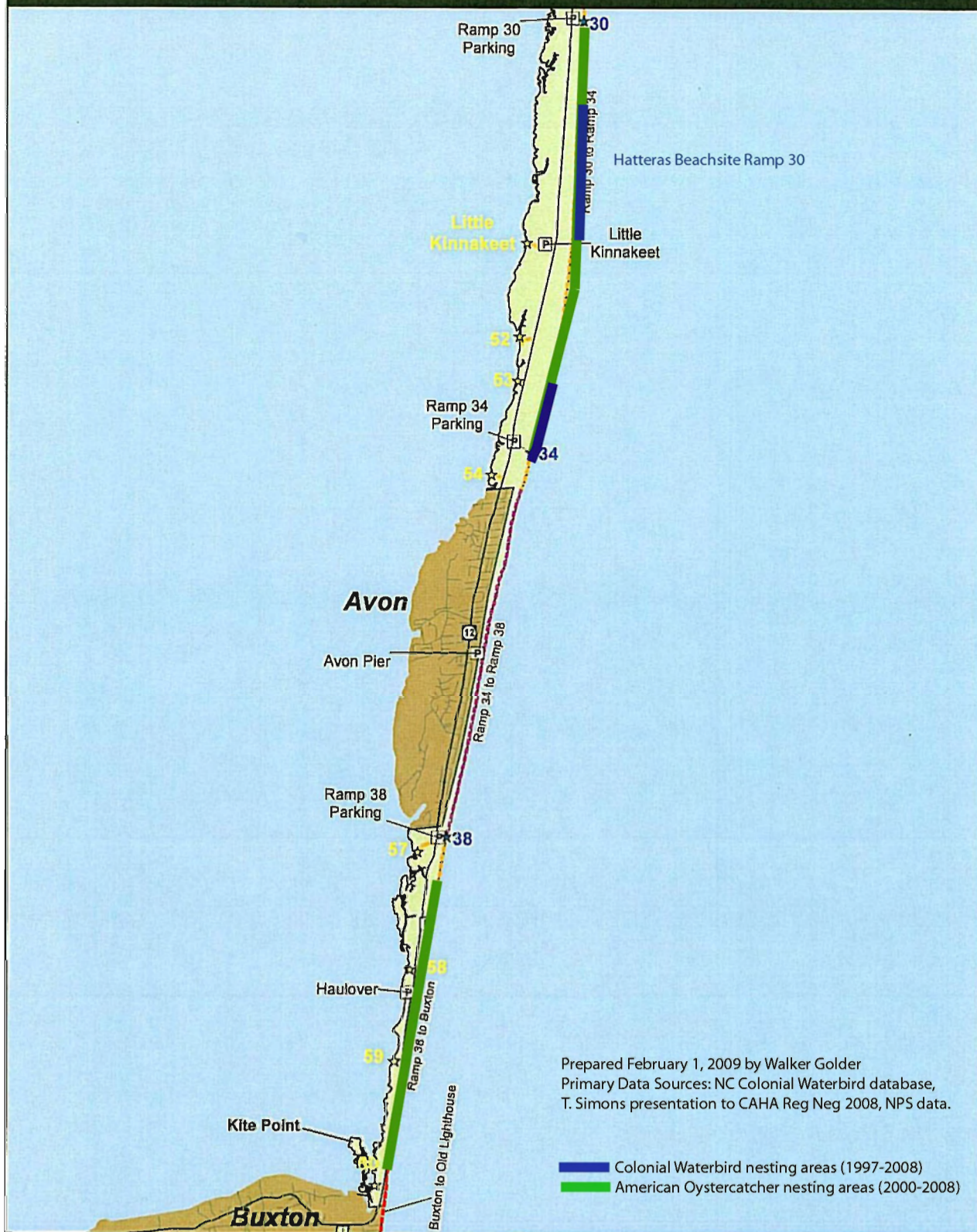
- | | | |
|----------------|-----------------------------|-------------|
| CAHA Boundary | ORV Ramps | Interstate |
| PINWR Boundary | ★ Oceanside Ramps | US Hwy |
| Villages | ☆ Soundside Ramps | State Hwy |
| Boat Ramps | Current Access (status quo) | Other |
| Campgrounds | ■ Closed to ORV Year-Round | Ferry Route |
| Parking Lots | ■ Seasonally Open to ORV* | |
| Airports | ■ Open to ORV Year-Round* | |
| Swim Beaches | | |

*Areas open to ORV are subject to temporary resource or safety closures.

Bodie Island Ranger District Map 3 of 3 & Hatteras Island Ranger District Map 1 of 4



Produced By NPS and The Louis Berger Group, Inc., December 2007

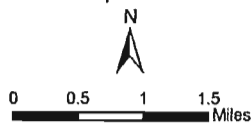


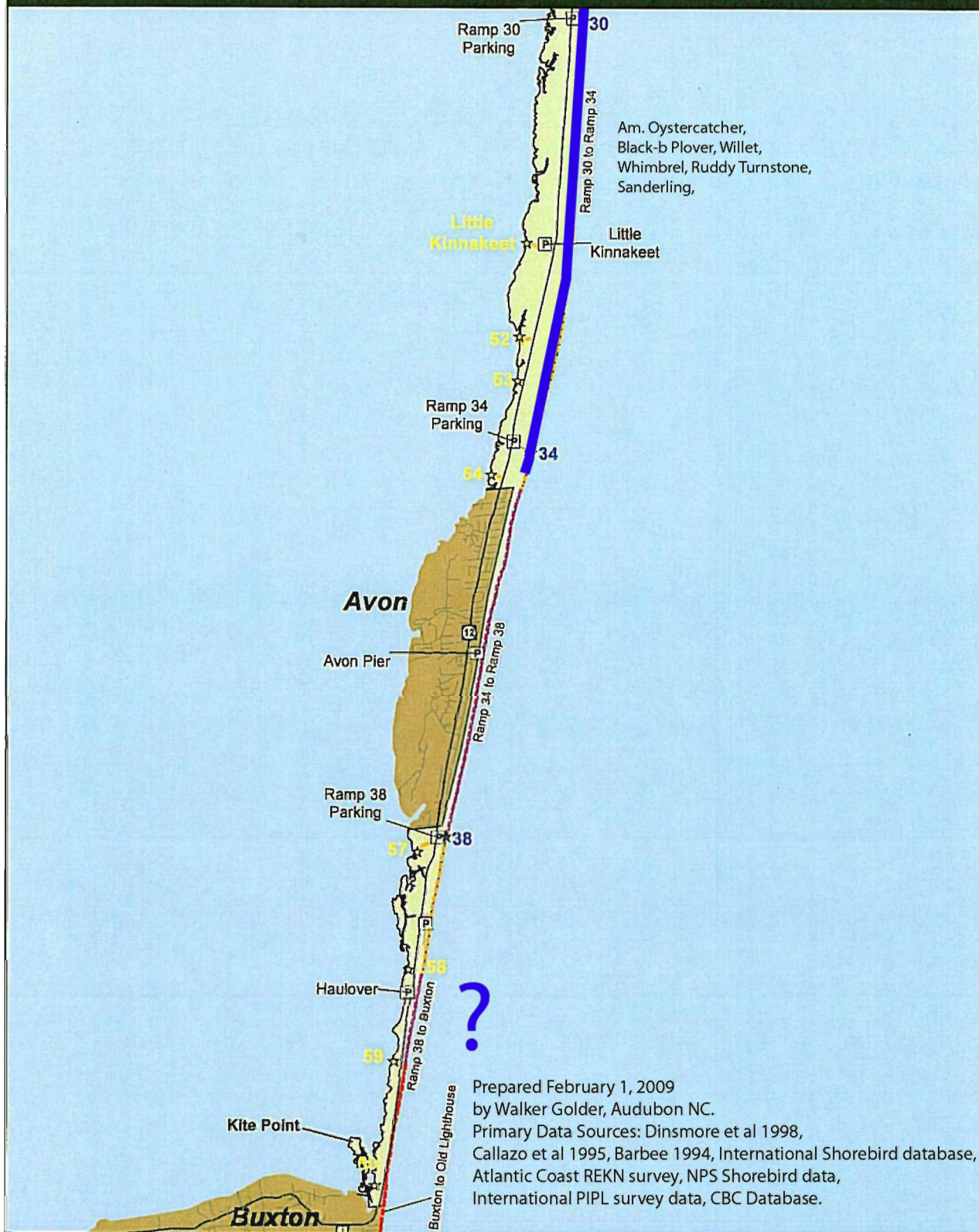
Prepared February 1, 2009 by Walker Golder
Primary Data Sources: NC Colonial Waterbird database,
T. Simons presentation to CAHA Reg Neg 2008, NPS data.

Legend

- | | | |
|----------------|-----------------------------|-------------|
| CAHA Boundary | ORV Ramps | Interstate |
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| Villages | ☆ Soundside Ramps | State Hwy |
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| Airports | — Open to ORV Year-Round* | |
| Swim Beaches | | |
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Hatteras Island Ranger District
Map 2 of 4



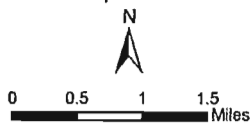


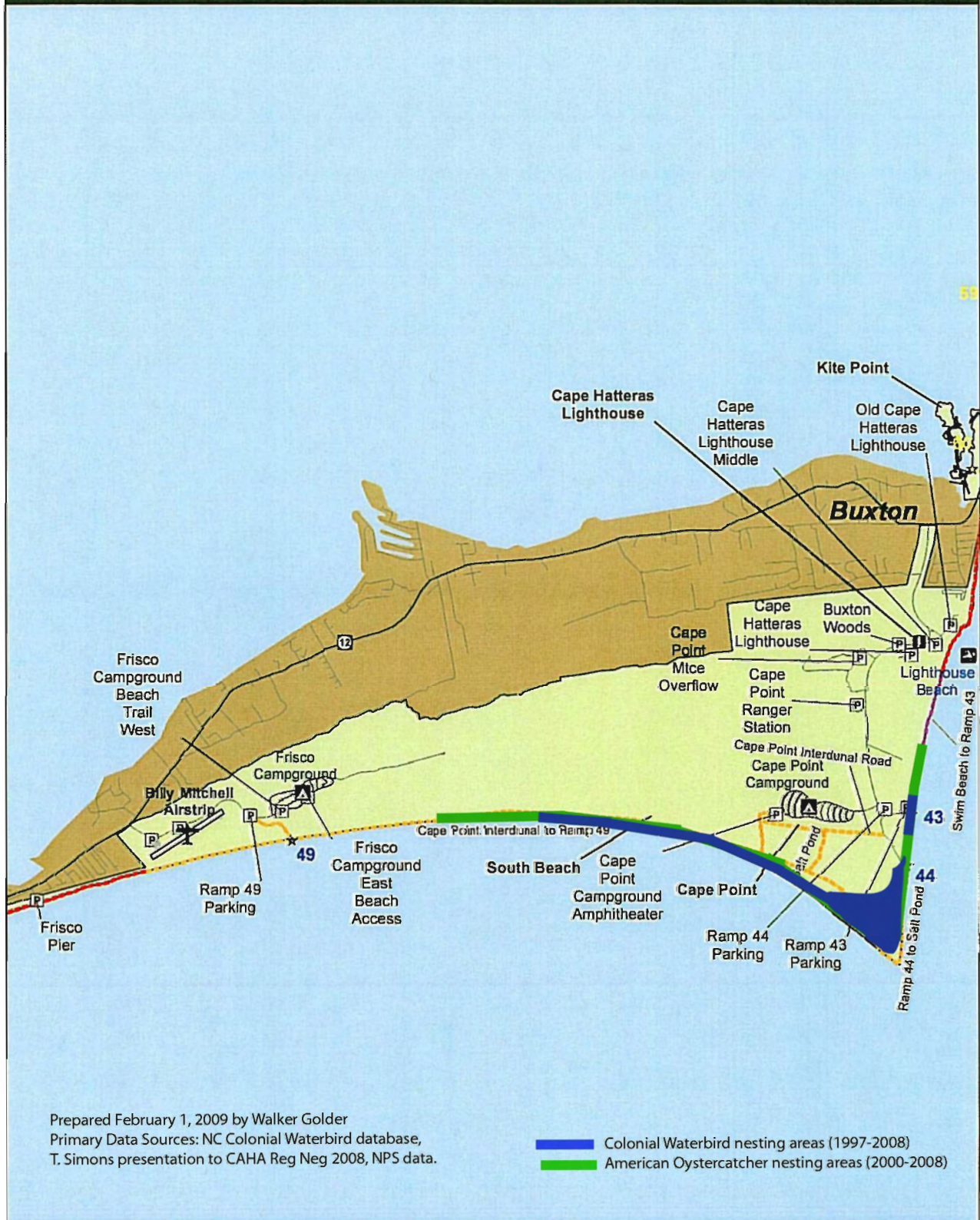
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| CAHA Boundary | ORV Ramps | Interstate |
| PIHWR Boundary | ★ Oceanside Ramps | US Hwy |
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Produced By NPS and The Louis Berger Group, Inc., December 2007

Hatteras Island Ranger District
Map 2 of 4





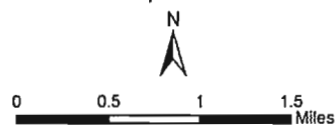
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Primary Data Sources: NC Colonial Waterbird database,
T. Simons presentation to CAHA Reg Neg 2008, NPS data.

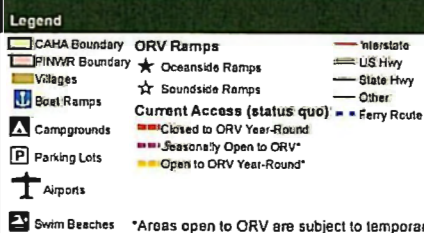
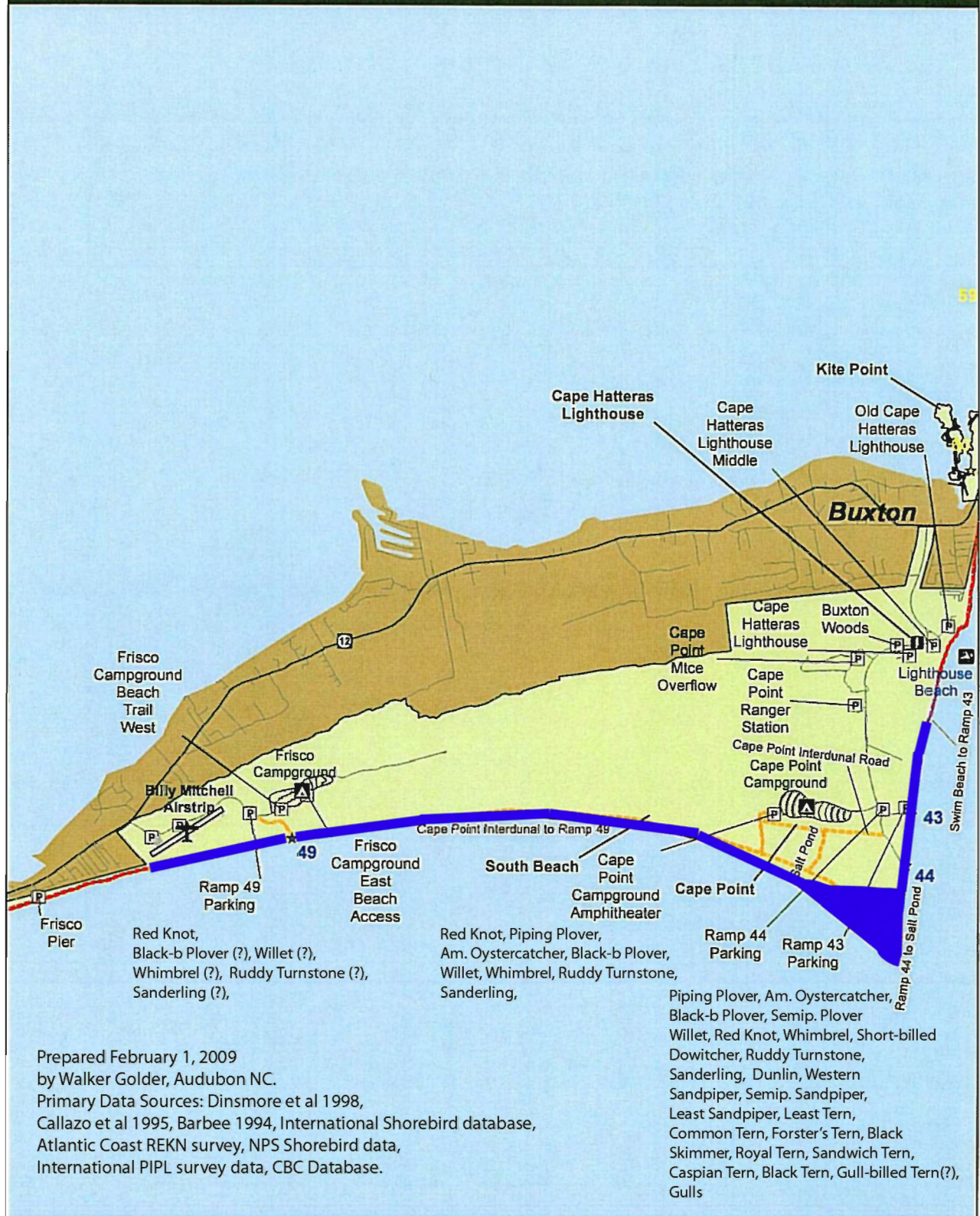
Colonial Waterbird nesting areas (1997-2008)
American Oystercatcher nesting areas (2000-2008)

Legend

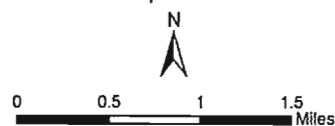
- | | | |
|----------------|-----------------------------|-------------|
| CAHA Boundary | ORV Ramps | Interstate |
| PINWR Boundary | ★ Oceanside Ramps | US Hwy |
| Villages | ☆ Soundside Ramps | State Hwy |
| Boat Ramps | Current Access (status quo) | Other |
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| Airports | — Open to ORV Year-Round* | |
| Swim Beaches | | |
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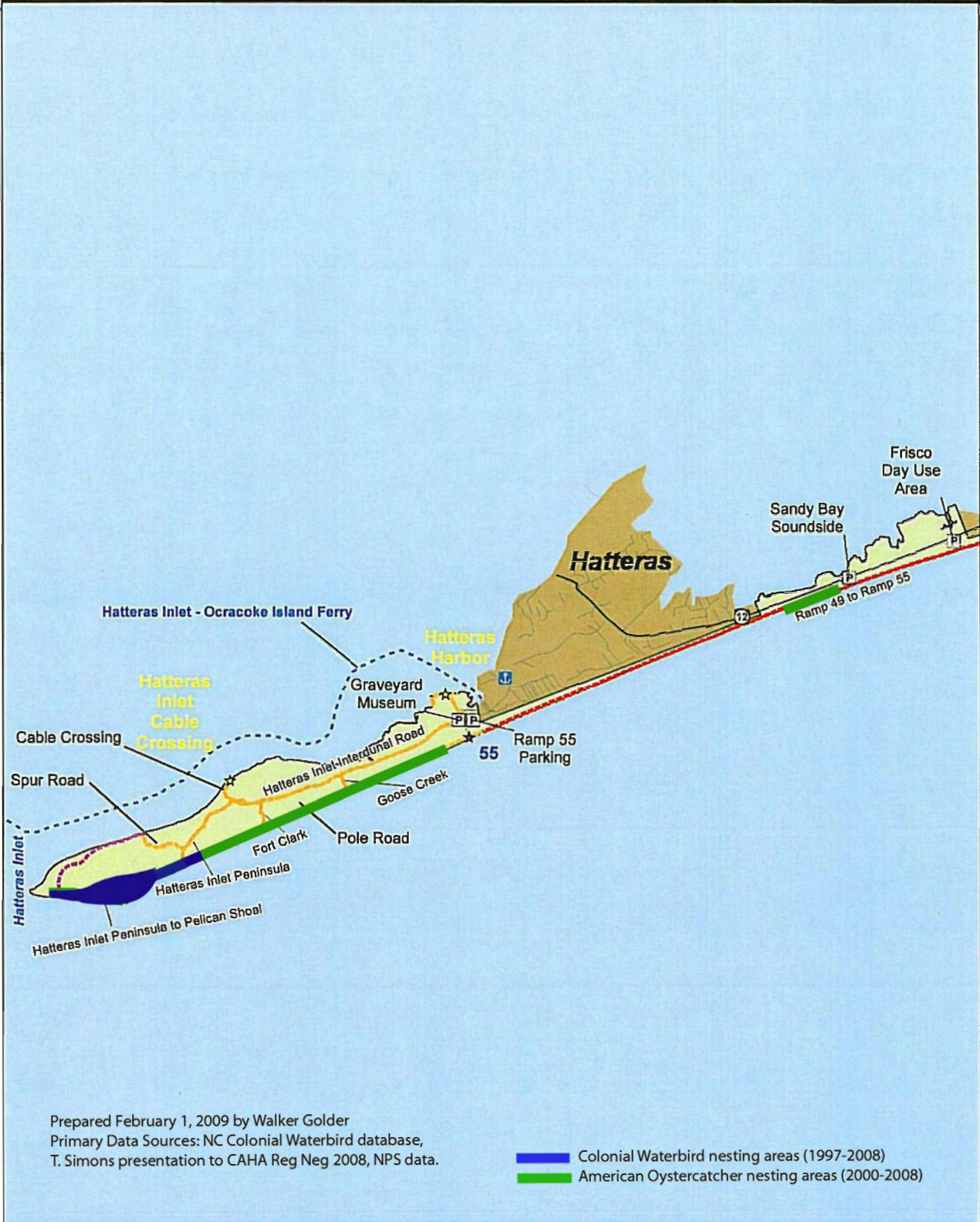
Hatteras Island Ranger District Map 3 or 4





Hatteras Island Ranger District Map 3 or 4





Prepared February 1, 2009 by Walker Golder
Primary Data Sources: NC Colonial Waterbird database,
T. Simons presentation to CAHA Reg Neg 2008, NPS data.

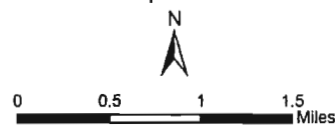
Colonial Waterbird nesting areas (1997-2008)
American Oystercatcher nesting areas (2000-2008)

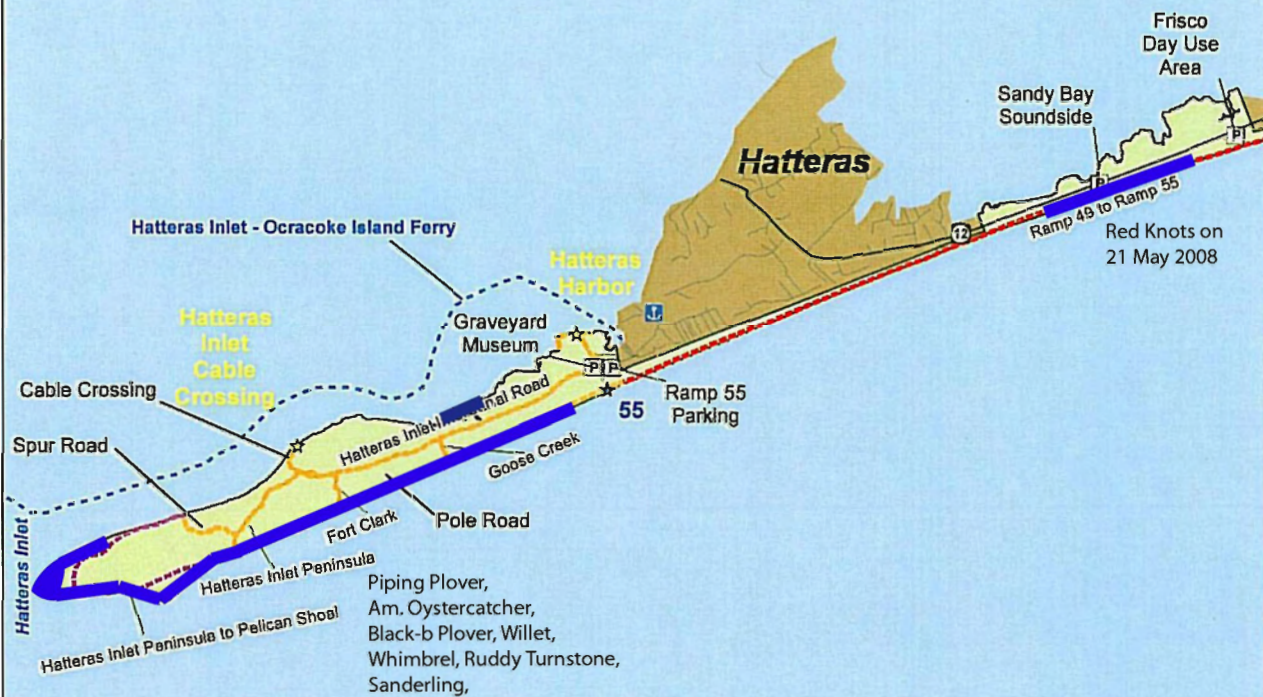
Legend

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|----------------|-----------------------------|-----------------|
| CAHA Boundary | ORV Ramps | Interstate |
| PINWR Boundary | ★ Oceanside Ramps | US Hwy |
| Villages | ☆ Soundside Ramps | State Hwy |
| Boat Ramps | Current Access (status quo) | Other |
| Campgrounds | — Closed to ORV Year-Round | - - Ferry Route |
| Parking Lots | - - Seasonally Open to ORV* | |
| Airports | - - Open to ORV Year-Round* | |
| Swim Beaches | | |

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Hatteras Island Ranger District Map 4 of 4



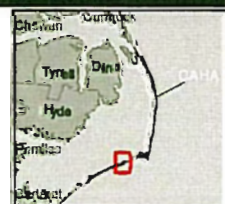
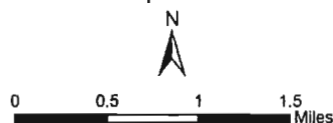


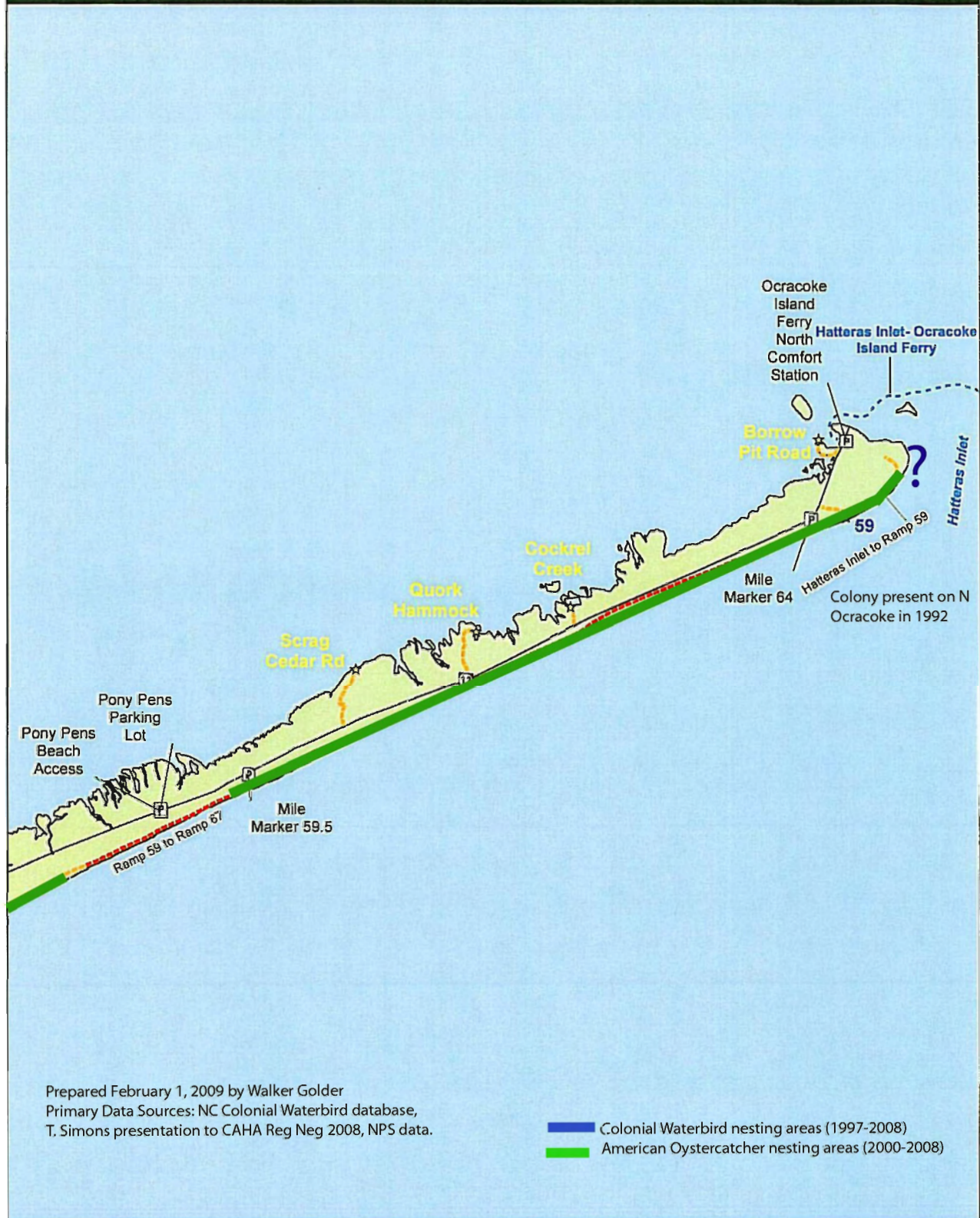
Prepared February 1, 2009
by Walker Golder, Audubon NC.
Primary Data Sources: Dinsmore et al 1998,
Callazo et al 1995, Barbee 1994, International Shorebird database,
Atlantic Coast REKN survey, NPS Shorebird data,
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Legend

- | | | |
|----------------|--|-------------|
| CAHA Boundary | ORV Ramps | Interstate |
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| Villages | Soundside Ramps | State Hwy |
| Boat Ramps | Current Access (status quo) | Other |
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| Airports | Open to ORV Year-Round* | |
| Swim Beaches | *Areas open to ORV are subject to temporary resource or safety closures. | |

Hatteras Island Ranger District
Map 4 of 4





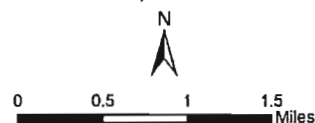
Prepared February 1, 2009 by Walker Golder
Primary Data Sources: NC Colonial Waterbird database,
T. Simons presentation to CAHA Reg Neg 2008, NPS data.

Colonial Waterbird nesting areas (1997-2008)
American Oystercatcher nesting areas (2000-2008)

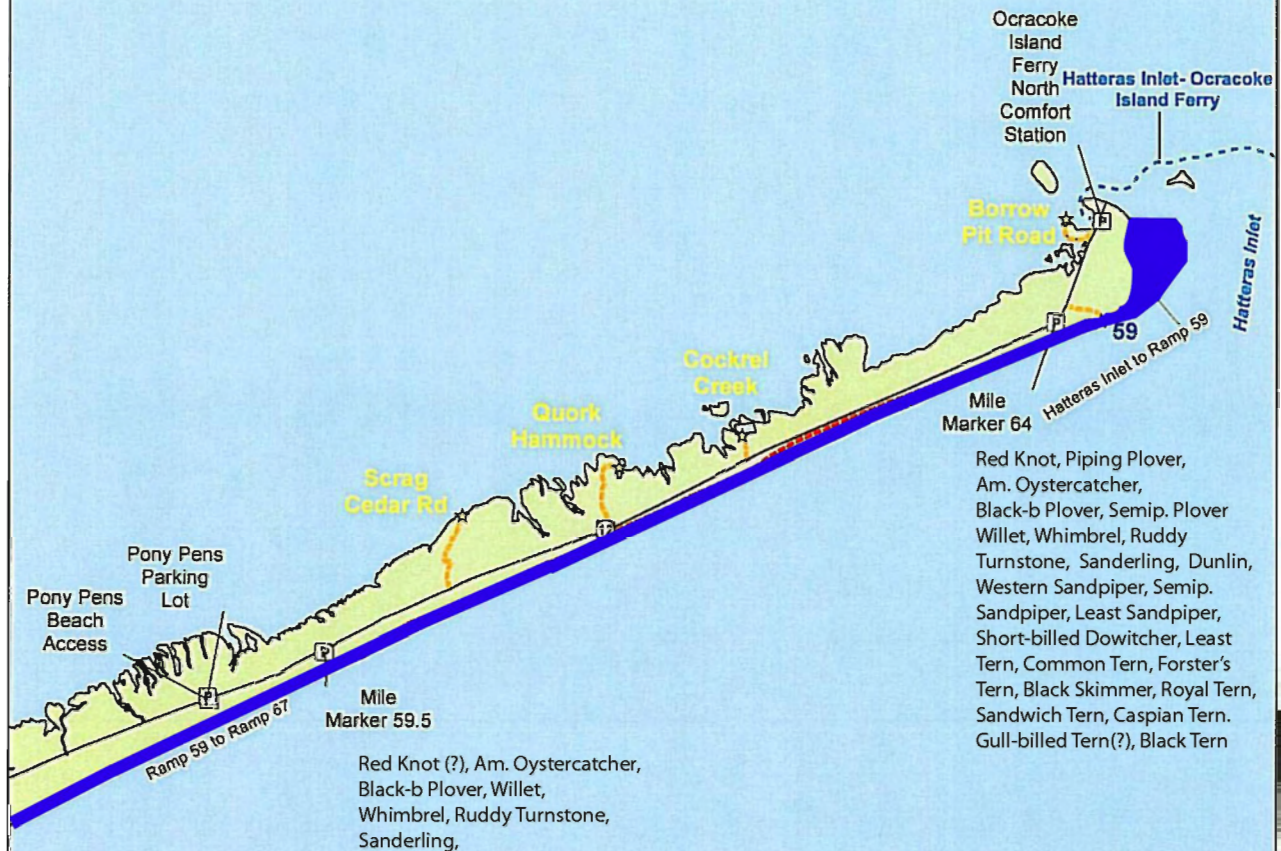
- Legend**
- CAHA Boundary
 - PIVNR Boundary
 - Villages
 - Boat Ramps
 - Campgrounds
 - Parking Lots
 - Airports
 - Swim Beaches
 - ORV Ramps
 - Oceanside Ramps
 - Soundside Ramps
 - Current Access (status quo)
 - Closed to ORV Year-Round
 - Seasonally Open to ORV*
 - Open to ORV Year-Round*
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 - US Hwy
 - State Hwy
 - Other
 - Ferry Route

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Ocracoke Island Ranger District Map 1 of 2



Produced By: NPS and The Louis Berger Group, Inc., December 2007



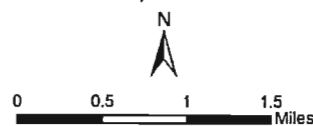
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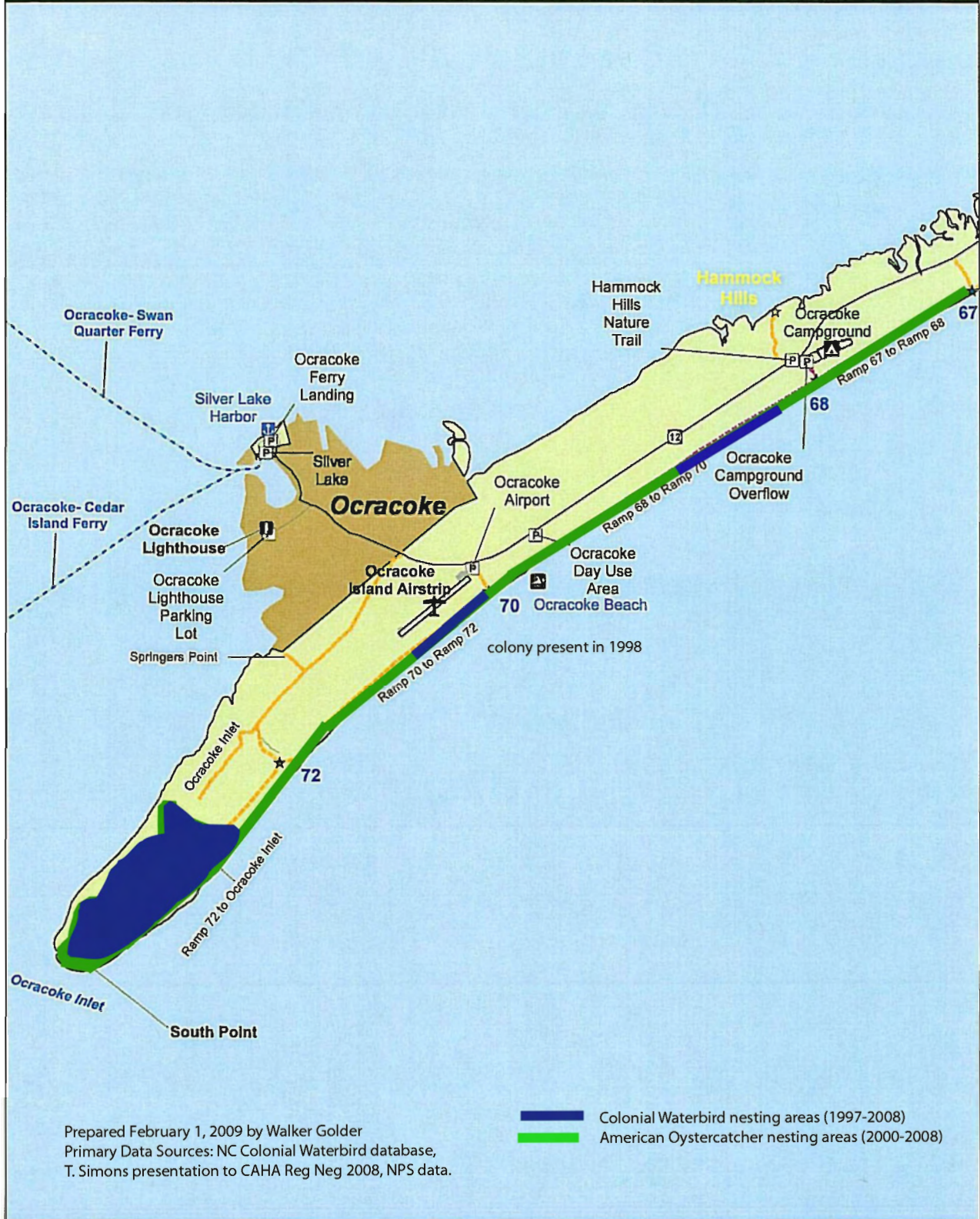
- CAHA Boundary
- PINWR Boundary
- Villages
- Boat Ramps
- Campgrounds
- Parking Lots
- Airports
- Swim Beaches
- ORV Ramps
- Oceanside Ramps
- Soundside Ramps
- Current Access (status quo)
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 - Seasonally Open to ORV*
 - Open to ORV Year-Round*
- Interstate
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- State Hwy
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- Ferry Route

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**Ocracoke Island Ranger District
Map 1 of 2**



Produced By: NPS and The Louis Berger Group, Inc., December 2007

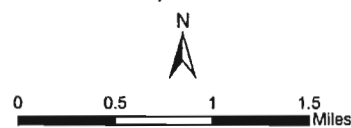


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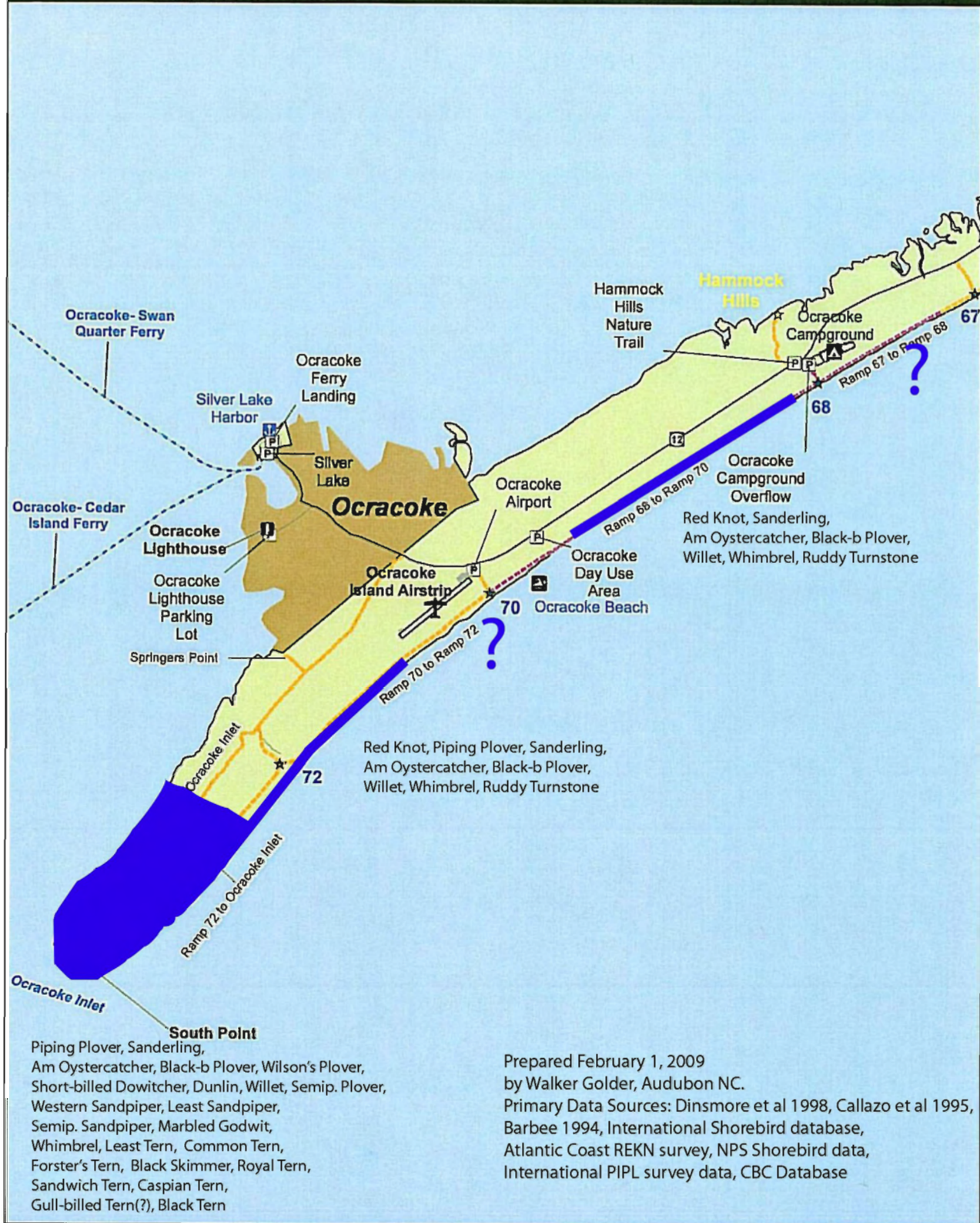
- | | | |
|----------------|-----------------------------|---------------|
| CAHA Boundary | ORV Ramps | Interstate |
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Ocracoke Island Ranger District
Map 2 of 2



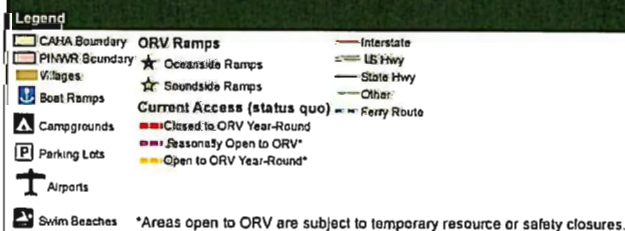
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Ocracoke Island Ranger District
Map 2 of 2

