FILE FOLDER

DESCRIPTION ON TAB:

	Sea Torte Report
	' 83
Z	Outside/inside of actual folder did not contain hand written information
	Outside/inside of actual folder did contain hand written information *Scanned as next image

Confidential Records Management, Inc. New Bern, NC 1-888-622-4425 9/08

COOPERATIVE MARINE TURTLE TAGGING PROGRAM TAGGING DATA (NESTING TURTLES)

Tag Number(s) APP - 081 Specific Specif	ecies <u>Carefix</u>	Date 7-29-83 Encountered
Describe location encountered	2.9 (N)	Risley Pier
Circle correct answer:		
"New" turtle (not carrying any tags	or tag scars)	(Yes) No
If no, then circle correct category		
1) Recapture of same project	turtle (within se	eason or multi-annual)
2) Recapture of different pro	ject turtle	
3) Turtle has definite tag sc	ar	
Tag return address (if other than M. Carapace length straight line	cm	in
Carapace width straight line	cm	in
Carapace length over curve	cm .	τn
Carapace width over curve	cm	in
Did turtle nest? Yes No Undet	ermined (circle d	one)
Additional remarks or data (use back	(if necessary) _	

Date 6-2-83	Time: 2/30	
General Weather Conditions	s Fair	
Air Temperature 73°	Sea Water Temperature 2/0F	20.
Wind Speed and Direction_	~ 5 KNOHS - 2 - 2	
Cloud Cover 15%	Moon None (Halfmoon rose ar	~01
	(Rising/Falling) Humidity	
Comments		
Date 6-3-93	Time: 2245	
General Weather Conditions	Fair	
	· · · · · · · · · · · · · · · · · · ·	
Air Temperature 74	Sea Water Temperature 72 F	30
Wind Speed and Direction_	10 -13 Knots SE	
Cloud Cover 1096	Moon None	
	(Rising/Falling) Humidity	%
Comments		

Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water TemperatureC
Wind Speed and Direction	
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity%
Comments	
Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water Temperature°C
Wind Speed and Direction	
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity
Comments	

Date 6-4-83 Time: 2000
General Weather Conditions CLoudy
Air Temperature 75° F° C Sea Water Temperature 72° F° C
Wind Speed and Direction N. 15 Knots
Cloud Cover 7090 Moon demenishing 3/4"
Tide Low, falling (Rising/Falling) Humidity %
Comments RAW two crosses on Low Tide one
ON 3/4 high tide - 818
Date 6-5-83 Time: 2230
General Weather Conditions Partly Cloudy
Air Temperature 73° F Sea Water Temperature 70° F
Wind Speed and Direction 5-10 kNots SE
Cloud Cover 40% Moon Nove
Tide Low (Rising/Falling) Humidity %
Comments Very dark night + at approximately 0130 to 0200
a thunderstorm approached the beach wy rain and heavy thunder
of lightning.

Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water Temperature
Wind Speed and Direction	<u> </u>
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity
Comments	
Date	Time:
General Weather Conditions	
Air Temperature	C Sea Water TemperatureO
Wind Speed and Direction	
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity
Comments	

Date	6-6-83		Time: 21	30	An and
General	Weather Conditions	Cloudy			

Air Temp	erature 78°F	200	Sea Water Temper	ature 730F	· C
Wind Spec	ed and Direction	5-10 Knots	SE		de esta de la companya de la company
	ver 70%		Moon		
Tide	Low		(Rising/Fall	ing) Humidity	%
Comments					
Date	6-7-83	2	Time:2	2230	
General V	Weather Conditions	CLOU	DY RA	INY	
Air Tempe	erature	Z °c s	ea Water Temper	ature 70°	°c
Wind Spee	ed and Direction	0-5	Knots	South	
Cloud Cov				none	
Tide	MDWAY			ng) Humidity	%
Comments_					
NAME OF STREET					

Date	Time:	
General Weather Conditions		
		and the second second
Air Temperature	°C Sea Water Temperature	°C
Wind Speed and Direction		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		
Date	Time:	
General Weather Conditions		
Air Temperature	°C Sea Water Temperature	°c
Wind Speed and Direction		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		

Date 6-8-83 Time: 2230
General Weather Conditions Fair
Air Temperature 69° C Sea Water Temperature 70° C
Wind Speed and Direction NE 5 Knots
Cloud Cover 20 % Moon none
Tide (Rising/Falling) Humidity %
Comments
Date 6-9-83 Time: 2245
General Weather Conditions Fair
General Weather Conditions Fair Air Temperature 70°F & Sea Water Temperature 69°F & C
General Weather Conditions Fair Air Temperature 70°F & Sea Water Temperature 69°F & C Wind Speed and Direction 5-10 KNOK NE
General Weather Conditions Fair Air Temperature 70°F & Sea Water Temperature 69°F & C. Wind Speed and Direction 5.10 KNOB AF
General Weather Conditions Air Temperature 70

Date	Time:	
General Weather Conditions		
Air Temperature	°C Sea Water Temperature	°c
Wind Speed and Direction		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	_%
Comments		
Date	Time:	
General Weather Conditions		
Air Temperature	°C Sea Water Temperature	°c
Wind Speed and Direction		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		

Nightly Weather Conditions On-Site Observations

Date	6-10-83 Time: 23	40
General Weat	ather Conditions Fair	
Air Temperat	ature 60° F°C Sea Water Temperature	L₽° F °c
Wind Speed a	and Direction S Knots NE	
Cloud Cover_	Moon	none
Tide	m 10 WA4 (Rising/Falling) 1	Humidity%
Comments		
Date	6-11-83 Time: 00	30
	ther Conditions FaiR	
Air Temperat	ture 65 F °C Sea Water Temperature	70° F °c
Wind Speed a	and Direction 5 Knots East	
	Moon_	
	(Rising/Falling) Hu	
Comments		

back 6-12 6-13

3	OH-BICE OBSELVACIONS	
Date 6-12-83	Time: 2330	
General Weather Conditions_	Clear	
	z,	
Air Temperature 75° F	Sea Water Temperature	
Wind Speed and Direction	0-5 RNOT NE	
Cloud Cover	Moon 1/4	
Tide 74 High	(Rising/Falling) Humidity	
Comments		
	Time: 2200	
Date		
Date 6-(3-83 General Weather Conditions		
Date 6-(3-83 General Weather Conditions Air Temperature 80°F	Partly Cloudy C Sea Water Temperature 777	
Date 6-(3-83) General Weather Conditions Air Temperature 80° F Wind Speed and Direction	Partly Cloudy C Sea Water Temperature 770x 0-3 Kots St	
Date 6-(3-83 General Weather Conditions Air Temperature 80°F	Partly Cloudy C Sea Water Temperature 770x 0-3 Kots St	

Nightly Weather Conditions

On-Site Observations

Date 6-10-83 Time: 2340
General Weather Conditions Fair
Air Temperature 6°C Sea Water Temperature 6°C
Wind Speed and Direction S Knots NE
Cloud Cover 0 % Moon none
Tide muMA9 (Rising/Falling) Humidity %
Comments
Date 6-11-83 Time: 0030
General Weather Conditions FaiR
Air Temperature 65 F°C Sea Water Temperature 70° F°C
Wind Speed and Direction 5 Knots East
Cloud Cover O % Moon none
Tide MDWAY (Rising/Falling) Humidity %
Comments

6-12 6-13

General Weather Condition	Z.
ir Temperature 75°	Sea Water Temperature 70
ind Speed and Direction_	0-5 KNOT NE
loud Cover 157	Moon 14
ide 34 High	(Rising/Falling) Humidity
omments	
ate6-(3-83 eneral Weather Condition	Time: 2200
WAS A SERVICE OF THE	Time: 2200
eneral Weather Condition	
eneral Weather Condition	s Partly Cloudy
eneral Weather Condition	s Partly Cloudy C Sea Water Temperature 77/2
eneral Weather Condition ir Temperature 80 f	s Partly Cloudy C Sea Water Temperature 771% 0-3 Knots St

Date 6 (4-8) Time: 6 200
General Weather Conditions Fair
Air Temperature 75° F °C Sea Water Temperature 73° F
Wind Speed and Direction 0-5 Knots S.E.
Cloud Cover Andrew Moon
Tide Mid Gry (Rising/Falling) Humidity %
Comments
Date 6-15-13 Time: 2-136 General Weather Conditions Clear
Air Temperature 77°F °C Sea Water Temperature 75°F °C
Wind Speed and Direction 5-16 KNOK NE
Cloud Cover 1090 Moon Latt
Tide Mrd way (Rising/Falling) Humidity %
Comments

Date 6-16-83 Time: 2	>13.0
General Weather Conditions Clear	
Air Temperature C Sea Water Temp	erature 799F
Wind Speed and Direction 5-10 Kmts NE	
Cloud Covers 10 9 b Moon	
Tide Mid way (Rising/Fa	lling) Humidity%
Comments	
Date 6-17-83 Time: 7	330
General Weather Conditions Cherr	
Air Temperature 75° E °C Sea Water Temp	erature 79° C
Wind Speed and Direction 13-1	
Cloud Cover 1090 Moon	1/2 FULL
Tide Pising (Rising/Fal	
Comments	

Nightly Weather Conditions On-Site Observations

Date 6-18-83	Time: 2040
General Weather Conditions CLRAY	
Air Temperature 77°F	C Sea Water Temperature 79° F
Wind Speed and Direction R-3	
	Moon //2 FULL
	(Rising/Falling) Humidity%
Comments	
Date 6-11-83	Time: 2130
General Weather Conditions	, Partly could
Air Temperature 750F %	Sea Water Temperature 88 00 00
	int st
Cloud Cover	Moon3/4
Tide 45	연락하는 보다는 보다는 사람들은 사람들은 사용 전문에 가장하는 사람들은 바람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사
Comments very hary	

20 on back

Date	6-20-83	Time:	2200	
General Weat	her Conditions	Cloudy, hazy		
	e stem likes om en maller tra Sente stem og entrette skal			
Air Temperat	ure 77°F	C Sea Water	Temperature 80 of	· · · · · · · · · · · · · · · · · · ·
Wind Speed a	nd Direction	0-5 Knots &	35	
Cloud Cover_	7070		Moon 3/4	
Tide /	rid way		g/Falling) Humidity	
Comments		*********		
Date 6	- 21 - 83 her Conditions C	Time:	2206	
	- OF			
Air Temperati	ure 73°	C Sea Water	Temperature 74° F	°c
Wind Speed an	nd Direction (2-5 Knots N	E	
Cloud Cover_	8076	M	oon	
Tide	midway	(Rising	/Falling) Humidity	%
Comments				

Date 6-22-83 Time: 2130
General Weather Conditions Partly Chady
Air Temperature 740 F Sea Water Temperature 79 F og
Wind Speed and Direction 5-16 KNOTS NE
Cloud Cover 50 % Moon almost Full
Tide 314 665 (Rising/Falling) Humidity %
Comments
Date 6-23-83 Time: 2130
General Weather Conditions - air
Air Temperature 25.5 °C Sea Water Temperature °C
Wind Speed and Direction 5-10 East
Cloud Cover 25 0/0 Moon Near Full
Tide Iti Falling (Rising/Falling) Humidity Iti %
Comments

Date 6-24	Time: 2200
General Weather Conditions	5 Fasi
Air Temperature 78	Sea Water Temperature 78
Wind Speed and Direction_	5-10 SW
Cloud Cover	Moon Full
Tide #1	(Rising/Falling) Humidity // %
Comments Cos	d Night for triffee
Date 6-25-	83 Time: 2200
General Weather Conditions	
Air Temperature 78	Sea Water Temperature 79 %
Wind Speed and Direction_	5-10 SW
Cloud Cover 90	% Moon Full
Tide //L	(Rising/Falling) Humidity // %
Comments Look	Cike storms brewing
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

생활하는 것이 있는데 그렇게 있다면 보고 있는데 그는데 이번에 해면 사람들이 되었다. 그는 사람에서는 물에 가까지 그렇게 하는데 이번에 어느라면 하는데 하는데 하는데 그렇게 다른데 없어요. 이 사람들이 없었다.
General Weather Conditions Partly Cloudy
•
Air Temperature 75° + °C Sea Water Temperature 79° + °C
Wind Speed and Direction 10-15 Knots S
Cloud Cover 50% Moon Full
Tide (Rising/Falling) Humidity
Comments
Date 6-27-83 Time: 2115
General Weather Conditions Partly Cloudy
General Weather Conditions Partly Cloudy
General Weather Conditions Partly Cloudy Air Temperature C Sea Water Temperature
General Weather Conditions Partly Cloudy Air Temperature C Sea Water Temperature C Sea Water Temperature
General Weather Conditions fartly Cloudy Air Temperature 78
General Weather Conditions fartly Cloudy Air Temperature 78
General Weather Conditions Air Temperature Wind Speed and Direction Cloud Cover Cloud Cover (Rising/Falling) Humidity

Date	Time:	
General Weather Conditions	s	
Air Temperature	°C Sea Water Temperature	°c
Wind Speed and Direction_		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		
Date	Time:	
General Weather Conditions		
Air Temperature	C Sea Water Temperature	°c
Wind Speed and Direction_		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		

Date	6-28-83		_Time: _	2200		
General W	Weather Conditions	Partly	Clou	du		
				and the second		
Air Tempe	erature 80°F	Sea Sea	Water T	emperature	790 F	°C
Wind Spee	d and Direction	15-20 KNOP	5			
Cloud Cov	erU		M	loon		
Tide	hys		(Rising	/Falling) Hum	idity	%
Comments						
Page .						
Date	6-24-83		Time:	9705		
General W	eather Conditions	cloudy				
Air Tempe	rature 75° t	°C Sea	Water T	emperature	79.0 F	°c
	d and Direction					
Cloud Cove	er\$0.9\		Мо	on		
Tide	Wighth	1	(Rising/	Falling) Humi	dity	%
	Lightning					
e made de la company				Assessed to the second		

Date 6	-30-83	Time: 2/30	
General Weather Co	onditions Par	-tly Cloudy	
Air Temperature	78	Sea Water Temperature 78	°c
Wind Speed and Dir	rection $5-10$	858 changed to Sw	
Cloud Cover_	35%	Moon 3/4	
Tide	H	(Rising/Falling) Humidity	%
Comments			
Date 7-/	-83	Time: 2230	
General Weather Co	onditions	Partly Cloudy	
Air Temperature	78	°C Sea Water Temperature 79	°c
Wind Speed and Dir	ection 5-/	10-5W	
Cloud Cover	66%	Moon Not up get w	aining
Tide/		(Rising/Falling) Humidity	
Comments			

Date	7-5-82 Time: 0130
General Weat	her Conditions Cloudy
Air Temperat	ure
Wind Speed a	nd Direction 0-5 SW
Cloud Cover_	100 % Moon —
Tide	Low (Rising/Falling) Humidity 9
	Heavy thurderstorms most of the right
	7-6-83 Time: 2136 her Conditions Claudy
Air Temperate	re 78 F °C Sea Water Temperature 70 C
Wind Speed as	nd Direction 0-2 Knots S
	gof v Moon_
Tide	Low (Rising/Falling) Humidity ?
Comments	
7-1-	83 028 tags 2200 2.1(W)

Date	Time:	
General Weather Conditions		
Air Temperature	°C Sea Water Temperature	····°C
Wind Speed and Direction		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		
		Married Company
Date	Time:	
General Weather Conditions		
Air Temperature	°C Sea Water Temperature	°c
Wind Speed and Direction		
Cloud Cover	Moon	
Tide	(Rising/Falling) Humidity	%
Comments		
	•	

Date 7-7-83	Time: 2200/
General Weather Conditions Cent	
Air Temperature 74 of oc	Sea Water Temperature 75% °C
Wind Speed and Direction 0-5 W	voty NE
Cloud Cover 15%	Moon
Tide Loy	(Rising/Falling) Humidity%
Comments	
Date 7-8-83	Time: 1400
General Weather Conditions CLEAT	
Air Temperature 88° F °C	Sea Water Temperature 74 F °C
Wind Speed and Direction 5-10 Musts	GA34
Cloud Cover	Moon New Moin
Tide Low	(Rising/Falling) Humidity %
	7-9
0 0	7-10 on back
6116	

Date	1-4-05	Time:	
General We	eather Conditions	Lear /	
Air Temper	rature 76° F	°C Sea Water Temperature	00
Wind Speed		EAST IDKNOTS	
Cloud Cove	er	Moon none	
Tide	High	(Rising/Falling) Humidity	
Comments_	, J		
Marin de Marin			
Dace	7-10-83	Time: 2 100	
General We	eather Conditions Cl	budy	
Air Temper	rature 764	C Sea Water Temperature 78 F	°c
Wind Speed	I and Direction $10-18$	2 Knots E	er on commence the first and
Cloud Cove	r 95%	Moon	
Tide	high	(Rising/Falling) Humidity	7/
Comments	· · · · · · · · · · · · · · · · · · ·		
- 100 - 100			

Date 7-1(-83 Time: 2230
General Weather Conditions Partly Chindy
Air Temperature 797 C Sea Water Temperature 797
Wind Speed and Direction 0-5 KN att E
Cloud Cover 3090 Moon
Tide (Rising/Falling) Humidity ?
Comments
Date 7-13-83 Time: 2400
General Weather Conditions Gear
Air Temperature 78° F Sea Water Temperature 79° F
Wind Speed and Direction 540 King &
Cloud Cover No 8 Moon 1/4 (Not VUSTELE)
Tide (Rising/Falling) Humidity 7
Comments

General Weather Conditions
Air TemperatureOC Sea Water TemperatureO
Wind Speed and Direction
Cloud Cover Moon
Tide(Rising/Falling) Humidity
Comments
DateTime:
General Weather Conditions
Air TemperatureOC Sea Water TemperatureOC
Wind Speed and Direction
Cloud CoverMoon
Tide(Rising/Falling) Humidity
Comments

Nightly Weather Conditions On-Site Observations

Date 7-14-83 Time: 2200
General Weather Conditions Fair to Partly clouds
Air Temperature 80° F C Sea Water Temperature 80° C
Wind Speed and Direction 6-2 Knots 5
Cloud Cover 2026 Moon almost 1
Tide
Comments Lightning in the distance (to the source)
Date 7-15-83 Time: 0125
General Weather Conditions Clear Clouds here ocean
Air Temperature 80 F °C Sea Water Temperature 80 F °C
Wind Speed and Direction D-5 Knots SE
Cloud Cover 100 Moon holf
Tide (Rising/Falling) Humidity 9
Comments

7-25 on back.

Date	25 - 83	Time:	2576	
General Weather	Conditions	Cloudy		
Air Temperature_	80°F	Sea Water T	emperature 80°f	%
Wind Speed and Di		5 Kints S		
Cloud Cover	85%	м	oon Not visible	(Fall)
Tide	Low	(Rising	/Falling) Humidity	7
Comments				

		Time:		
Date		Time:		
General Weather C	Conditions			
		· · · · · · · · · · · · · · · · · · ·		
Air Temperature_		C Sea Water T	emperature	°c
Wind Speed and Di	rection		object on the case of the case	The STATE AND TH
Cloud Cover		Мо	on	
Tide		(Rising/	Falling) Humidity	9/6
Comments				

Nightly Weather Conditions On-Site Observations

Date	7-16-83	Time: 0330
General Wea	ther Conditions	Lear
Air Tempera	ture_ 80°F	°C Sea Water Temperature 78° F
Wind Speed	and Direction 15 K	2 to 4
Cloud Cover	0	Moon 1/2 full
Tide	RISING	(Rising/Falling) Humidity
Comments	Poole - Joues	
DateGeneral Weat		Cantly cloudy
		co 11
		Sea Water Temperature
Wind Speed a		5 ands S
Cloud Cover_	45%	Moon 1/2
Tide	Low	(Rising/Falling) Humidity 616
Comments		

7-23 02 600

Date 7-18-83 Time: 2215	
General Weather Conditions Fair but hazy	
Air Temperature 82 C Sea Water Temperature	·····°C
Wind Speed and Direction 6-5 Kunts 5	
Cloud Cover 107a Moon 3/4	. 10
Tide(Rising/Falling) Humidity	%
Comments	
Date 7 19 - 83 Time: 2200 General Weather Conditions Classify Classify	
Air Temperature 97 F	°c
Wind Speed and Direction	
Cloud Cover 40% Moon 3/4 (Not VIS)	
Tide(Rising/Falling) Humidity	%
Comments	
7-20	
9-21 on 6ad	
	- college description

Date	7-20-2	Ţ	ime: 2000	
General Weath	er Conditions	Fair		
i de la companya de l				
Air Temperatu	re § 30	C Sea W	ater Temperature 80° f	oe
Wind Speed an	d Direction	5-10 Knut	5	
Cloud Cover_	15%		Moon almost Full	
Tide	Low	•	Rising/Falling) Humidity	%
Comments				
		,		
				Luciania de la composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición de la c
Date	-21-33	T	ime:	
General Weath	er Conditions	Clear		
Air Temperatu	re95° t	C Sea W	ater Temperature	, o
Wind Speed an	d Direction	10-15 KNOTS	2	
Cloud Cover_	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Moon almost Full	
Tide	tway	(R	ising/Falling) Humidity	%
Comments				
	a and the second			

Date	7-25-83	Time:	2213	
General Weath	ner Conditions Cl	ondy, ra	ίλγ	
- The state of the		•		
Air Temperatu	17e	Sea Water Te	emperature 80 F	°C
Wind Speed an	d Direction 5-5	KNITS	<u> </u>	
Cloud Cover_	. 950	Mo	ion not sintle (Full)	
			Falling) Humidity	%
Comments		S. Park Control		
			2130	
General Weath	er Conditions Part	y cload;	<u>/</u>	
	4			
	re 79° F		* The second of	°c
Wind Speed and	d Direction 500 6	crots N		
Cloud Cover_	40.90	Моо	n Not visible (Fall	
	His			%
Comments	• • • • • • • • • • • • • • • • • • • •			
		,		
				4.75.50

Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water Temperature °C
Wind Speed and Direction_	
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity%
Comments	
Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water Temperature°C
Wind Speed and Direction	
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity %
Comments	

Nightly Weather Conditions On-Site Observations

Date	7-27-83	Time:	2130	
General Weather	Conditions	lear		
Air Temperature	7904	Sea Water Tem	perature 87.4	1.00
Wind Speed and I	Direction 5-			
			n Not visible CF	ull)
Tide	hgb	(Rising/F	alling) Humidity	%
Comments				
	8-83 Conditions Clean		2230	
Air Temperature	80° £	Sea Water Temp	perature & *F	Tox
	생물에 있었다. 그리고 있는 이 사람들이 되었다면 하는데 하다 되었다.		erature	
Cloud Cover	1591	Moon	Not visible (almost	(all)
			ling) Humidity	
Comments		.,		

8-4 on back

Date	8-4-81	Ti	me:3	
General	Weather Conditions	Hazy		
Air Temp	peratureStoff	°C Sea Wa	ter Temperature	, oc
Wind Spe	eed and Direction	O-5 KNITS E		
Cloud Co	over 287 -		Moon Not Vicible	
Tide	Life	(R	ising/Falling) Humidity	
Comments)			
Date	8-5-83	Ti	me: 0200	
General	Weather Conditions	Cheny		
Air Temp	erature 80° +	°C Sea Wa	ter Temperature 1740 E	°c
Wind Spe	ed and Direction	3-25-11	1.641.5	
Cloud Co	ver O S		Moon W NOT VIS	# 62 0
Tide		(Ri	sing/Falling) Humidity	dium %
Comments			, , , , , , , , , , , , , , , , , , , 	

Date 7-29-83 Time: 0345
General Weather Conditions CLdv -
Air Temperature 720 C Sea Water Temperature 76 F °C
Wind Speed and Direction 10 KNO+5
Cloud Cover 2590 Moon 3/4 OF WAYNE
Tide FALLING (Rising/Falling) Humidity Medium %
Comments Stanfed at 2000 - 8090 Cloudy-
Chented to 25%.
Date 7-30-83 Time: 2040
General Weather Conditions Mostly CLeor
Air Temperature C Sea Water Temperature 790 C oc
Wind Speed and Direction 12-15 RUSTS 5E
Cloud Cover 598 Moon Moon Wayne 3/11
Tide(Rising/Falling) Humidity%
Comments

Time:	
Sea Water Temperature	o
•	
Moon	
(Rising/Falling) Humidity	%
Time:	
Sea Water Temperature	°c
Moon	
(Rising/Falling) Humidity	%
	.,
	Sea Water Temperature Moon (Rising/Falling) Humidity Time:

Date	8-2-83		Time: _	2230	
General Weat	her Conditions	Partly	Clas	wy	
					4 - 14
Air Temperat	ure 82 T	C Se	a Water T	emperature	°c
Wind Speed as	nd Direction	5-10 6	vots S	,	.,
Cloud Cover_	50%		м	oon Not Mile (Wy)
Tide	L642		(Rising	/Falling) Humidity	%
Comments			, , , , , , , , ,		
		Company of the second s			
Date X	-3-83	d and the contract.	Trá mas	. 7	
	40.11.60			<u> </u>	
General weath	ner Conditions	<u>- CLO WA</u>	7		
	223	· · · · · · · · · · · · · · · · · · ·		-40°F	
				emperature	
Wind Speed ar	nd Direction	10-15 KA	AS E		
Cloud Cover_	9090	and the first of	Mod	on Not visible	
Tide	Lau	18 mary 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_(Rising/I	Falling) Humidity	%
Comments	September 1				

Nightly Weather Conditions On-Site Observations

Date 7-3/- 3 Time: 2230
General Weather Conditions Partly Clarky
Air Temperature C Sea Water Temperature C
Wind Speed and Direction 10-15 KNAG
Cloud Cover 30% Moon Not Visible Chall wahers
Tide (Rising/Falling) Humidity %
Comments
Date
General Weather Conditions Partly Charles
0.00
Air Temperature C Sea Water Temperature 8 C
Air Temperature C Sea Water Temperature C Sea Water Temperature
Wind Speed and Direction 5-10 Knots 5E
Wind Speed and Direction S-10 Knot SE Cloud Cover Moon Moon Mark (1990)
Wind Speed and Direction S-10 Knots SE Cloud Cover Moon Moon
Wind Speed and Direction S-10 Kmt St. Cloud Cover Moon Moon (Rising/Falling) Humidity %

8-2 on back

Date 8-6-83 Time: 2100
General Weather Conditions 80% 90% cloudy - Sight wind
Stormy_
Air Temperature 750 F °C Sea Water Temperature 80° F °C
Wind Speed and Direction 5-10 Krots Savet
Cloud Cover_ 80 - 90 90 Moon
Tide (Rising/Falling) Humidity Light %
Comments
Date 8-8-83 Time: 2200
General Weather Conditions Partly cloudy
8.7°C 0
Air Temperature & C Sea Water Temperature C
Wind Speed and Direction 5-16 KABTS
Wind Speed and Direction 5-16 KABES
Wind Speed and Direction STO KADES S Cloud Cover 45% Moon Not valide
Wind Speed and Direction S-15 KADYS S Cloud Cover 45% Moon Not valde
Cloud Cover

Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water Temperature
Wind Speed and Direction	
Cloud Cover	Moon
Tide_	(Rising/Falling) Humidity
Comments	
Date	Time:
General Weather Conditions	
Air Temperature	°C Sea Water Temperature
Wind Speed and Direction	
Cloud Cover	Moon
Tide	(Rising/Falling) Humidity
Comments	
	,

Date	9-12-83	Time:	0246	<u> </u>	Z., 200
General Weat	her Conditions CLdy	egerver.			
					3.98
Air Temperat	ure 75° F	°C Sea Water T	emperature	750F	°c
Wind Speed a	nd Direction 10-15	Kyots &	s. w.	7	
Cloud Cover_	6040				
Tide		(Rising	/Falling) Hum	idity	%
Comments	Temperatur	e drops	Ng -C	old-front	
	eroaching.				
	<u> </u>	Agrava			
Date 8 -	13-83	Time:	2045		
General Weatl	ner Conditions CLEAR				
Air Temperatu	ıre 72° F	C Sea Water Te	emperature	75°F	°C
Wind Speed as	nd Direction 10 Knots	out of 5	outh wes	+	, i
		Mod			
Tide		(Rising/I			%
Comments	Clays in A	. west			
9+0. i,					
2.50					

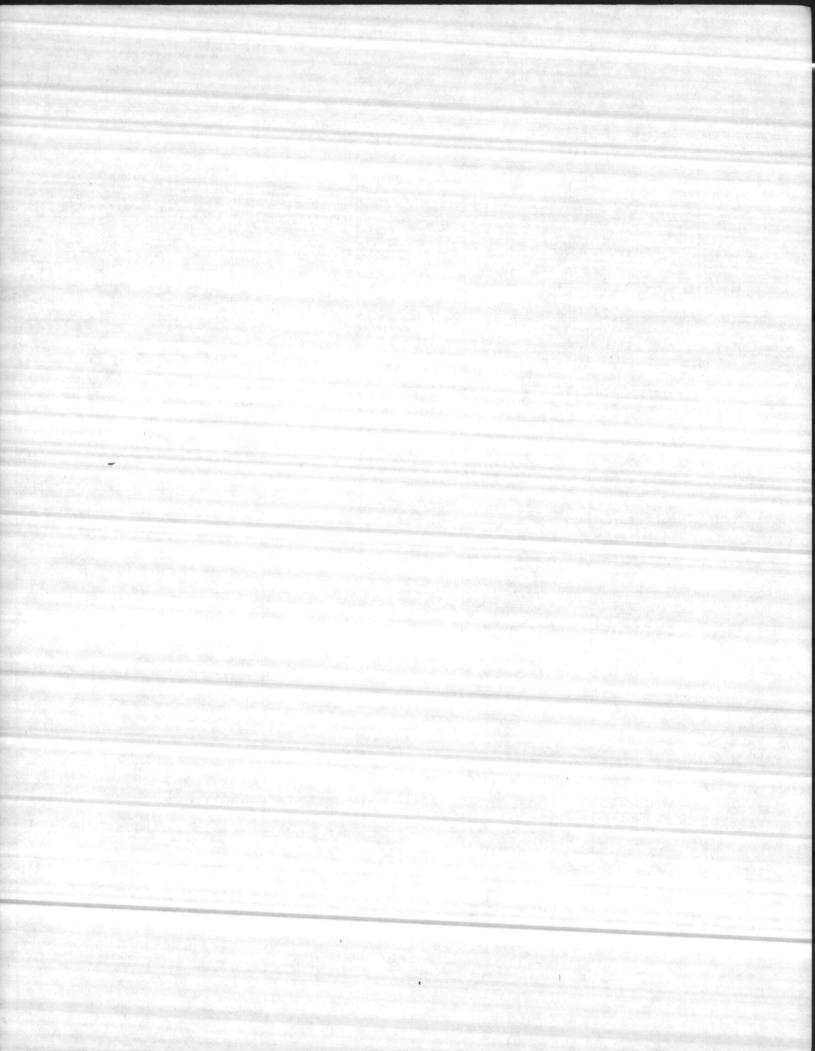
Time:
OC Sea Water Temperatureo
Moon
(Rising/Falling) Humidity
Time:
°C Sea Water Temperatureo
Moon
(Rising/Falling) Humidity

SEA TURTLE INVENTORY (Crawl Data)

Marine Corps Base Camp Lejeune, North Carolina

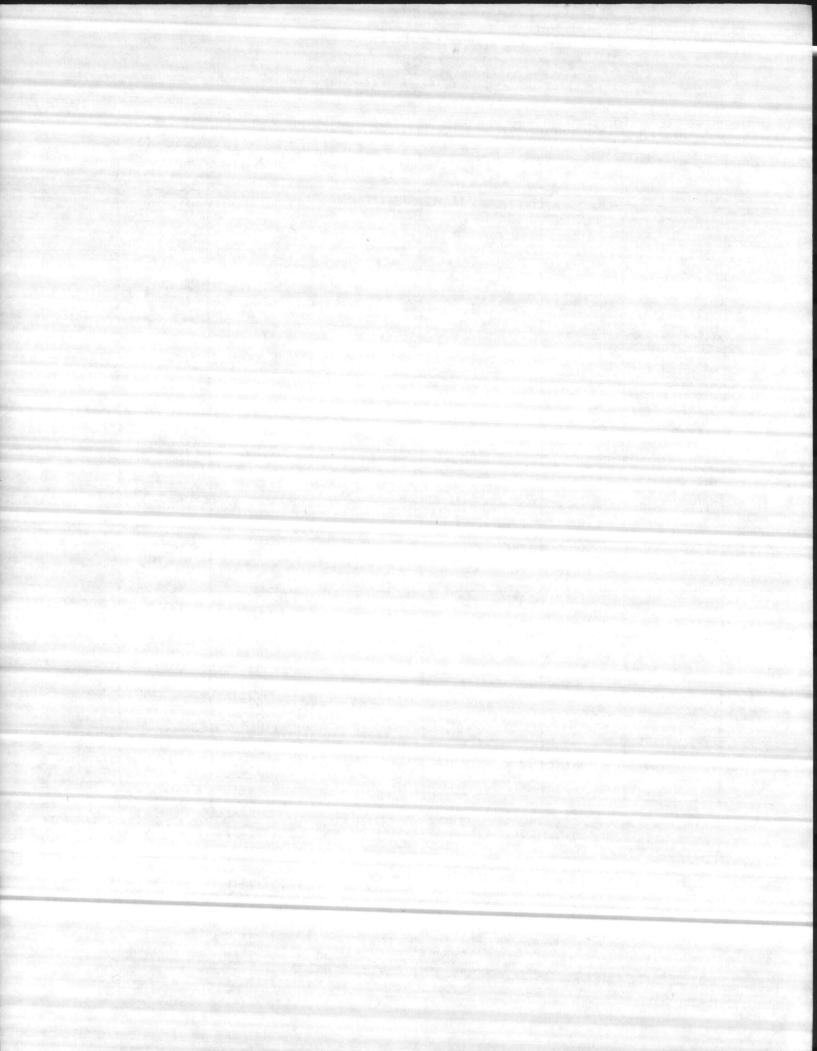
Crawl.	Date	Time Crawl Occurred	Active Nest (√)	Location*	Comments
					The state of the s
				and the second	
	and the second s				
	48877771051				
		er til f			
		San William Commence			
				con services	
		The second second			
and the state of t				350 187	
				The second second	
	The second second	100 H2 11983 11 12 12 12 12 12 12 12 12 12 12 12 12			

Summary of Instructions:
*Location measured to nearest tenth of mile to the north or south of Risely Pier.
Record known or estimated time when crawl was made or throught to have occurred.
Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive wehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



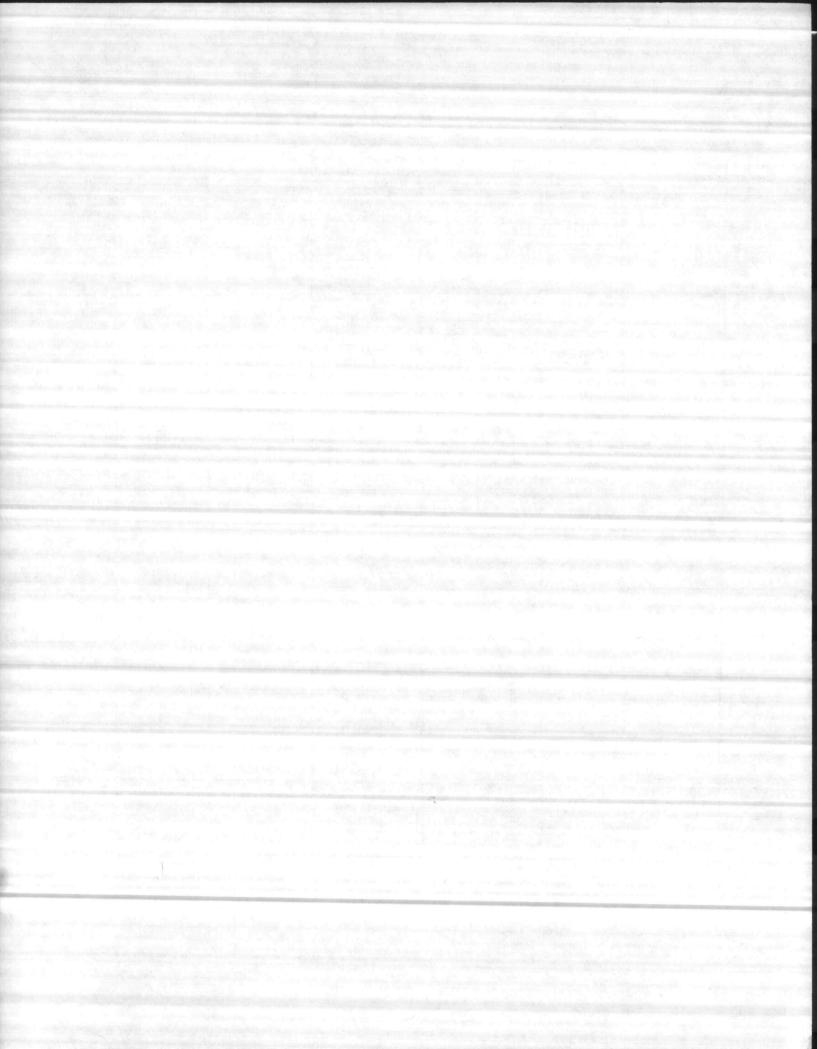
Sea Turtle Inventory (hatching Success) Marine Corps Base Camp Lejeune, North Carolina

Nest No.(1)	Incubation Period (2)	No. Eggs Laid (3)	No. Unhatched Eggs (4)	No. Released Young (5)	No. Emerged Young (6)	No. total Young (7)	Percent of Success
	CACI ALPROPARO						
	A see and a second a second and						
	TO THE PERSON OF						
				and the garden statement of the control of			
Market and the second							



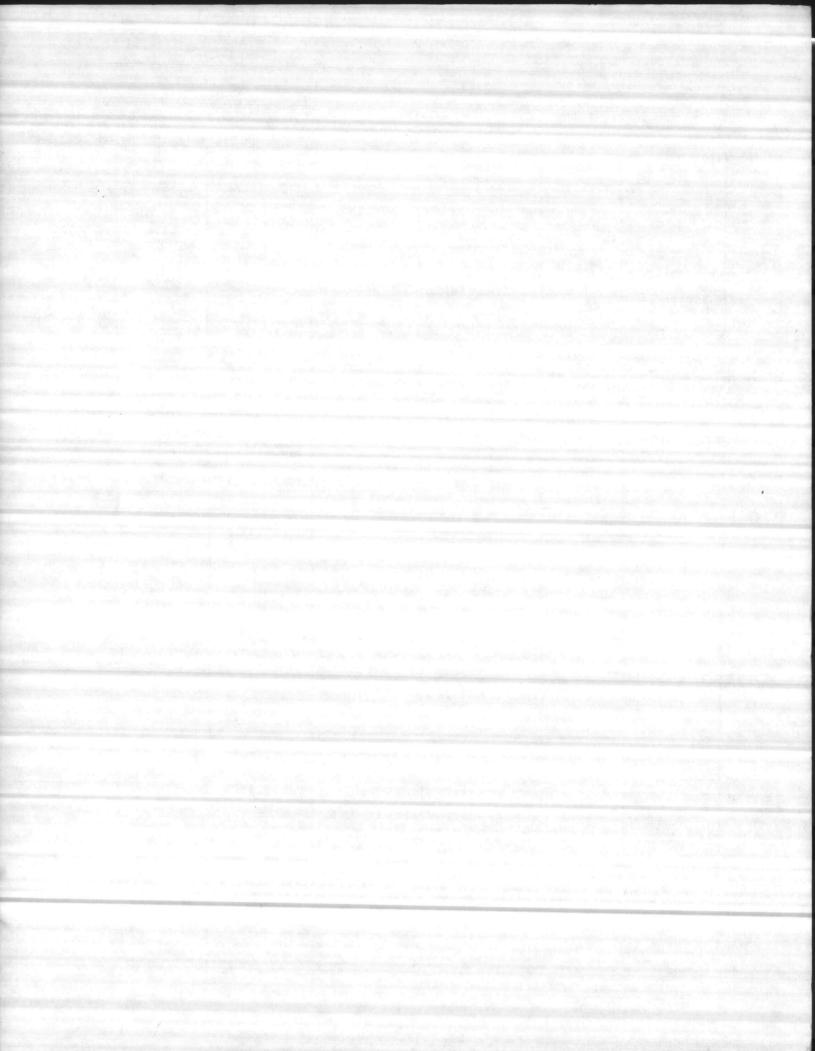
Sea Turtle Inventory (Hatching Success) Marine Corps Base Camp Lejeune, North Carolina

Nest No.(1)	Incubation Period (2)	No. Eggs Laid (3)	No. Unhatched Eggs (4)	No. Released Young (5)	No. Emerged Young (6)	No. total Young (7)	Percent of Success
					- 1980 -		
						11 <u>1</u> 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			- 18				
		DESCRIPTION OF THE PROPERTY OF			alpha bare		
	The state of the s						
	A transferration of the state o						
	A CONTRACTOR OF THE CONTRACTOR						
					en de Aranto		
					and a second		



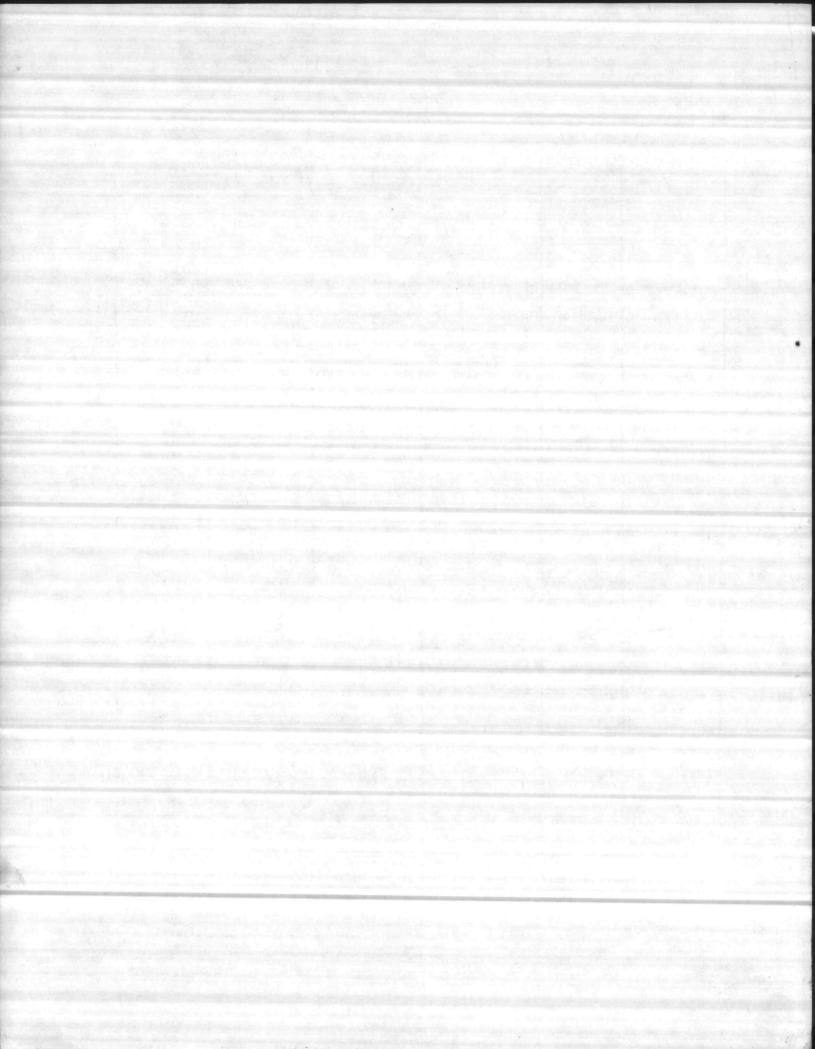
Sea Turtle Inventory (Hatching Success) Marine Corps Base Camp Lejeune, North Carolina

Nest No.(1)	Incubation Period (2)	No. Eggs Laid (3)	No. Unhatched Eggs (4)	No. Released Young (5)	No. Emerged Young (6)	No. total Young (7)	Percent of Success
						298 (1 c)	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	e Transporter en Carto						
	A CALL A						



Sea Turtle Inventory (Hatching Success) Marine Corps Base Camp Lejeune, North Carolina

Nest No.(1)	Incubation Period (2)	No. Eggs Laid (3)	No. Unhatched Eggs (4)	No. Released Young (5)	No. Emerged Young (6)	No. total Young (7)	Percent of Success
	Value of the same						
				taran adam			
	and the standard of the standa						
	de la company de						
	The same of the sa						
	and the second s						
							ANX



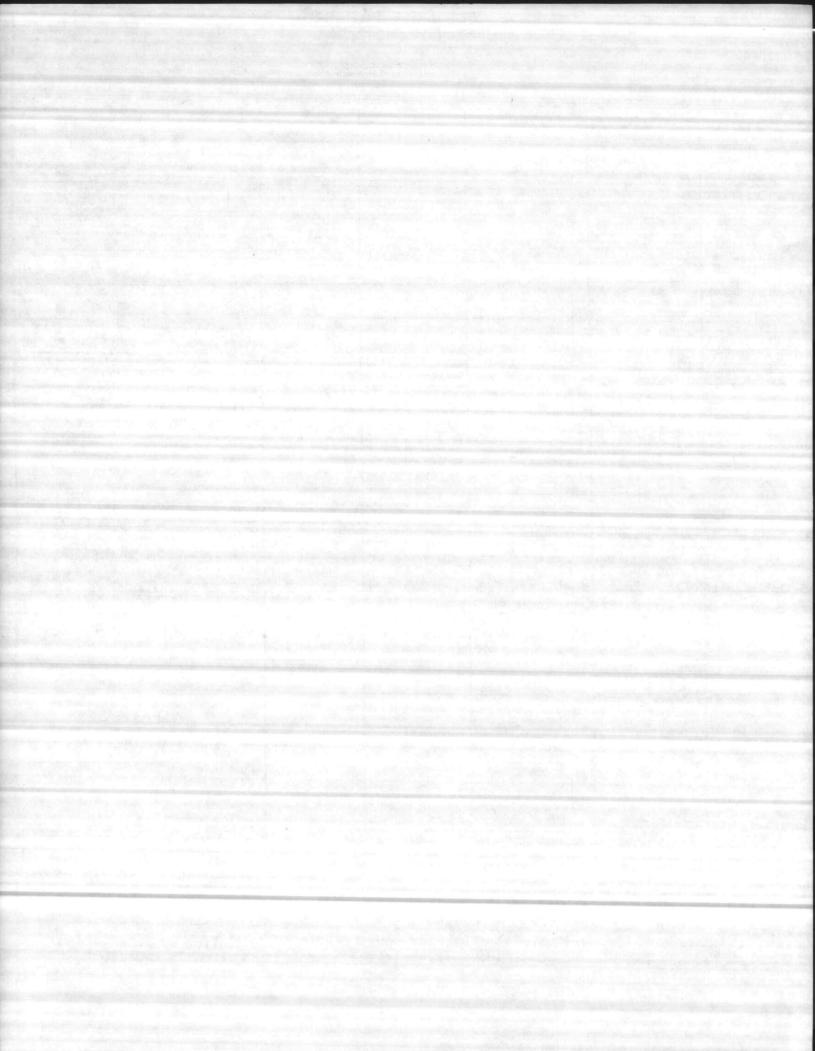
SEA TURTLE INVENTORY (Crawl Data)

Marine Corps Base Camp Lejeune, North Carolina

Crawl.	Date	Time Crawl	Active Nest (√)	Location*	Comments
1					
	and on the second				

Summary of Instructions: *Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or throught to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive wehicle when tide is low. Traverse the beach flood plane in vehicle

to avoid leaving tire tracks in the sand.



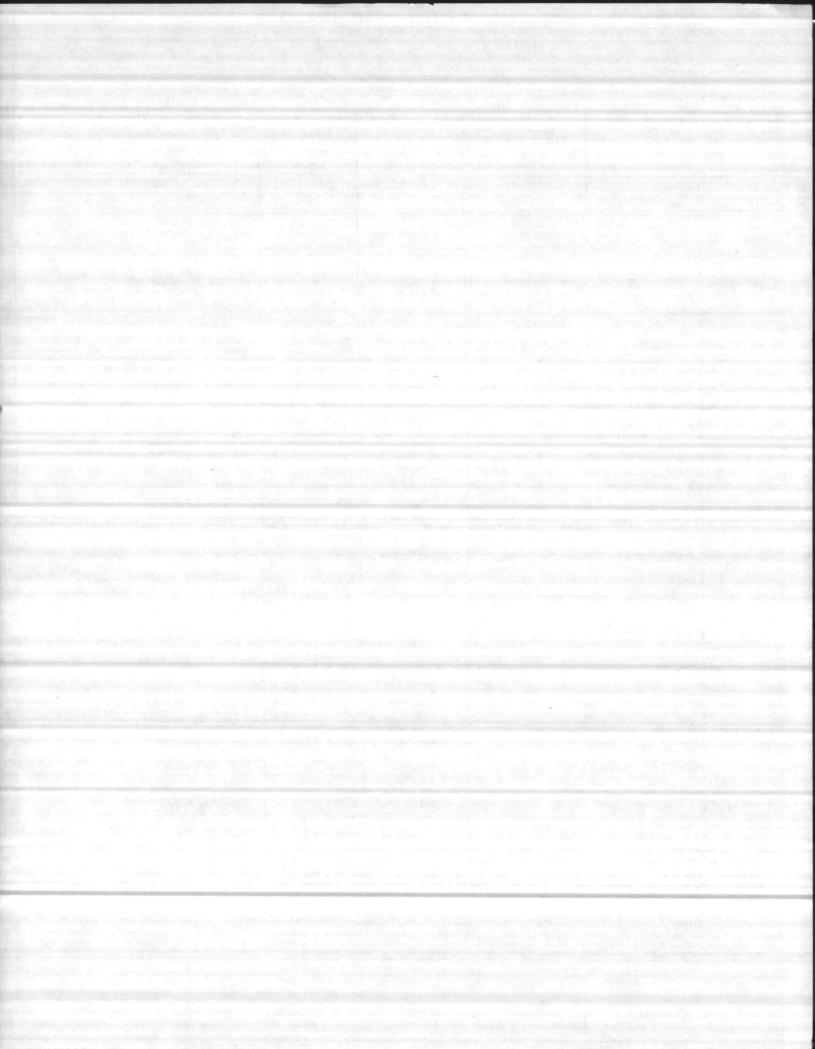
SEA TURTLE INVENTORY (Crawl Data)

Marine Corps Base Camp Lejeune, North Carolina

Crawl No.	Date	Time Crawl Occurred	Active Nest (√)	Location*	Comments
	en e				
		Action application of the second			
	Van Linea III.				
	1941 N. 1944 N. 1 20 14 25 10 3				
	37 - 37	1.24			
				nesta	
	10 mm				

Summary of Instructions:

*Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or throught to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive wehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



SEA TURTLE INVENTORY

for

SUMMER AND FALL 1983

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
ASSISTANT CHIEF OF STAFF, FACILITIES
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

JULIAN I. WOOTEN
DIRECTOR

CHARLES D. PETERSON SUPERVISORY WILDLIFE MANAGER

SAM F. POOLE WILDLIFE BIOLOGIST BRIAN C. SPAULDING BIOLOGICAL TECHNICIAN

HUGH R. PASSINGHAM BIOLOGICAL TECHNICIAN

DR. FRANK B. SCHWARTZ
ADVISOR, INSTUTUTE OF
MARINE SCIENCE,
MOREHEAD CITY, NORTH CAROLINA

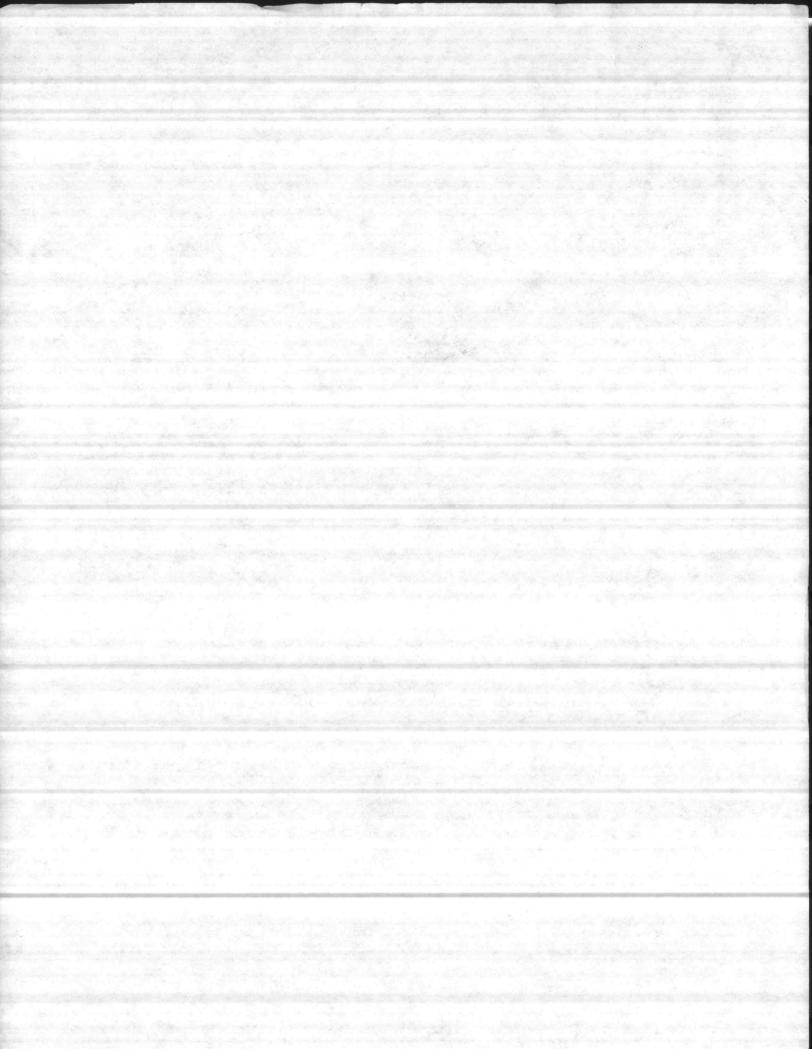
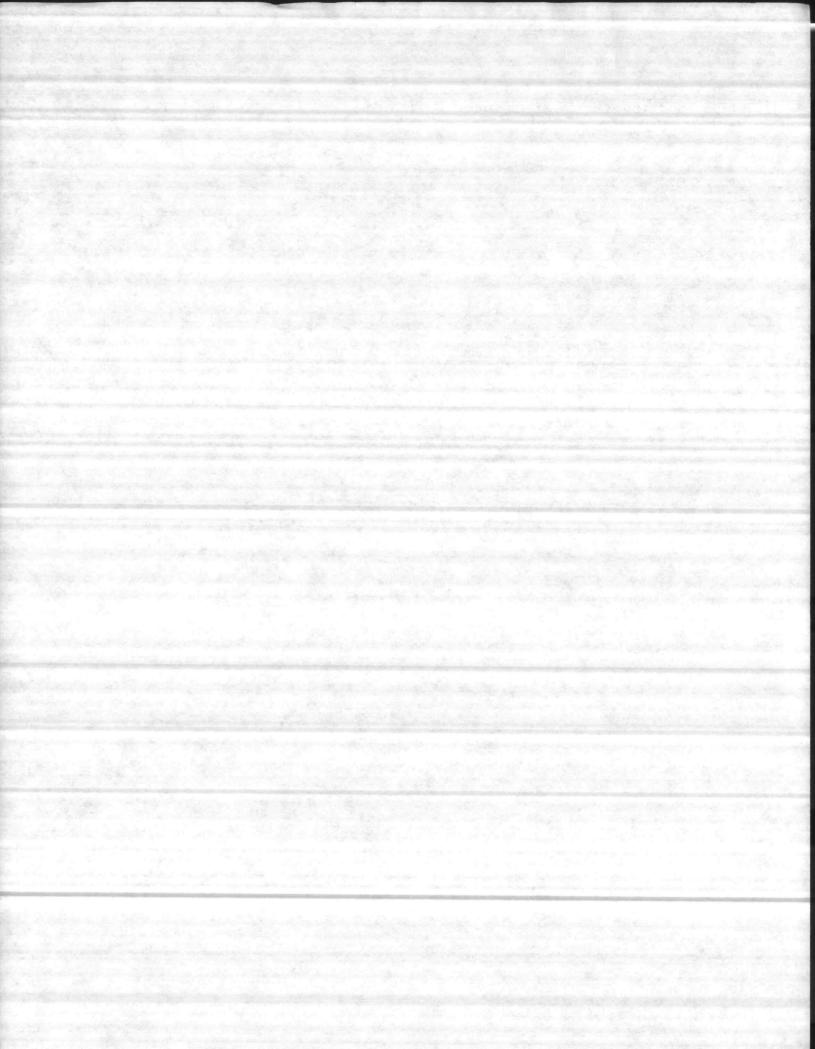


TABLE OF CONTENTS

Introduction	• 1
Sea Turtle Inventory (Crawl Data) - Table I	. 2
Return Record of Tagged Turtles - Table III	. 7
Const. Information in Deletion to Moon and Midel Cycles	
Crawl Information in Relation to Moon and Tidal Cycles and Weather Conditions - Table III	. 8
Ground Survey Numbers - Table IV	. 10
No. of the Column of the Colum	. 12
Aerial Survey - Table V	. 12
Nest Crawl Activity	. 13



INTRODUCTION

The sea turtle inventory for 1983 is a continuation of past efforts by Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune, North Carolina, to protect sea turtle nesting activities at Onslow Beach. The sea turtle inventory consists of several programs including: nest protection, tagging of adult turtles, collecting nesting data, determining hatchling success and aerial surveys.

Management personnel began operating under a Federal Fish and Wildlife Permit during 1981, issued for working with threatened Loggerhead and Green Turtles. The permit authorizes the tagging and measurement of adults and the relocation of nests threatened by erosion, tides, extreme predation or military training activities. Nests may be moved only within 36 hours of egg laying to a safe beach location and not to a laboratory. Relocated nests are required to be monitored and hatchling success documented.

The results of the aforementioned programs are as follows:

- a. Nest protection from predators, 100%.
- b. Tagging of adults number of turtles tagged 14. Tag return data may be reviewed in Table II, page 7.
 - c. Nesting data number of nests 42
 - d. Total number of crawls 103
 - e. Total number of eggs 5,031
 - f. Total number of hatchlings 3,753
 - g. Number of tag returns 4
 - h. Number stranded turtles 2

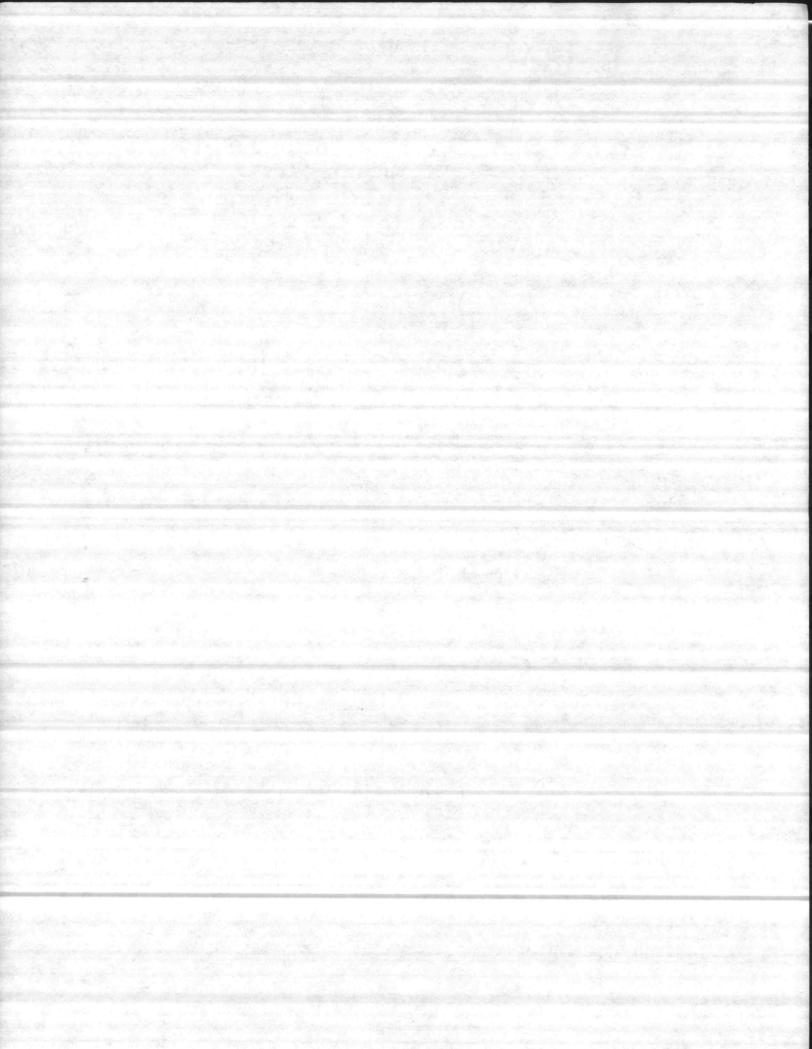
Stranding reports were submitted to the North Carolina Wildlife Resources Stranding Network Coordinator. Carcasses were buried on the beach.

Percent hatchling success is 80.9% nesting and crawl data is compiled in Tables I, II, III, IV and V, and Graphs I and II on pages 2 through 15. The enclosed maps indicate locations of turtle activity on Onslow Beach.

Aerial survey data may be found in Table V, page 12.

The Marine Corps Base, Camp Lejeune and Natural Resources and Environmental Affairs Division give special thanks to Doctor F. J. Schwartz at the Institute of Marine Science, Morehead City for his advice and services.

For copies of this report or other information concerning the sea turtle management program conducted by this agency, contact: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542, Attention: Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities.



SEA TURTLE INVENTORY (Crawl Data)

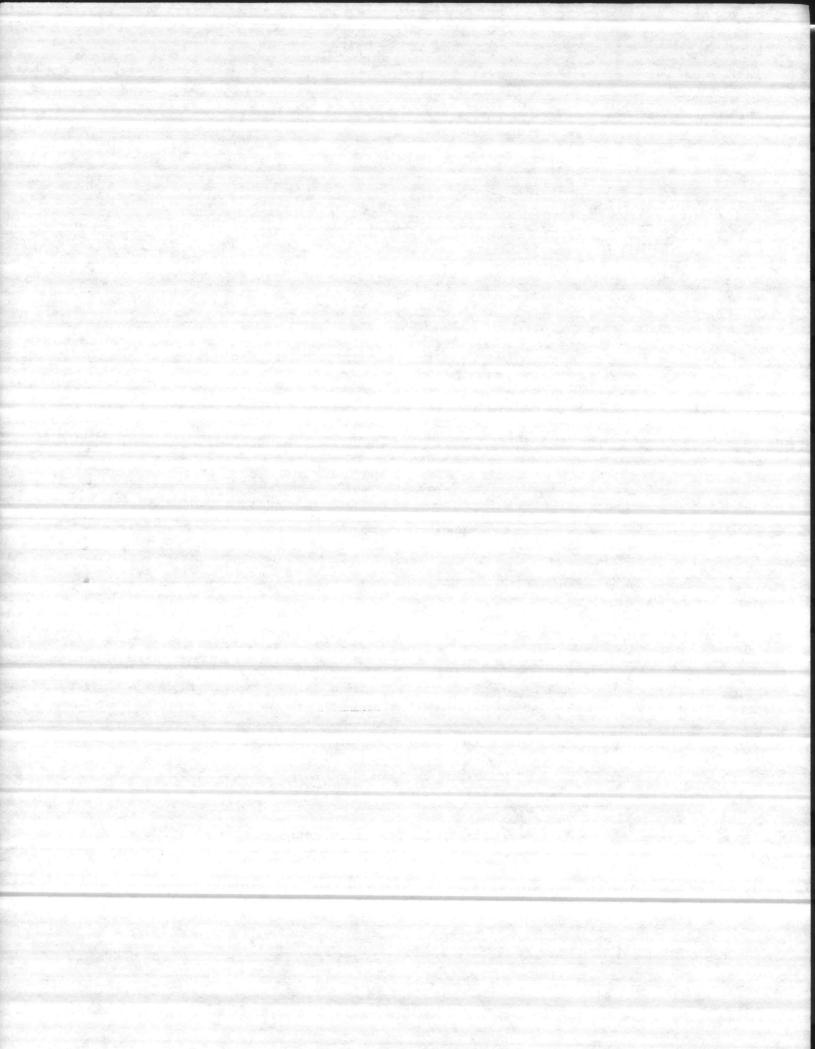
TABLE I Marine Corps Base Camp Lejeune, North Carolina

Crawl No.	Date	Time Crawl Occurred	Active Nest	Location*	Comments
001	6-8-83	2330	Х.	1.6(3)	Relocated to dune 160 eggs Tags AAR 051.
002	6-11-83	0330		2.6(N)	c.o.
003	6-13-83	0330-0600		3.5(11)	C.O.
004	6-13-83	0330-0600		2.3(N)	C.O.
005	6-15-83	2330	X	1.6(S)	Relocated from 1.2(S) 121 eggs
006	6-15-83	2330		2.6(S)	C.O.
007	6-15-83	2400	Χ	2.3)S	Relocated from 2.9(S) 158 eggs Tags AAR 053,
008	6-16-83	2300	X	3.7(N)	Relocated from 3.9(N) 142 eggs Tags AAR 055,
009	6-16-83	2400		0.5(S)	C.O.
010	6-17-83	0430-	X	1.1(N)	94 eggs. Relocated to d
011	6-17-83	0330-0600		3.0(N) -	C.O.
012	6-18-83	23:00	X	3.6(N)	Relocated 8° to dune 129 eggs
013	6-18-83	2400		2.3(N)	C.O.
014	6-18-83	2430		3.7(N)	C.O.
015	6-19-83	2200	X	2.3(S)	Relocated from 2.7(S) 90 eggs Réturn IBS 813
016	6-19-83	0135	Χ	2.3(N)	Relocated from 2.0(N) 133 eggs Tags AAR 059,
017	6-20-83	2300	X	3.6(N)	Relocated to dune 105 eggs Tags AAR 061,0
018	6-20-83	0230	Χ	2.3(N)	Relocated to dune * 138 eggs Return IMS768
019	6-20-83	0330-0600	ma - representation department	1.6(N)	C.O.
020	6-24-83	2200	Χ	2.2(N)	Relocated to dune 107 eggs Tags AAR 065,
021	6-26-83	2330	Χ	2.2(N)	Relocated from 0.7(S)

^{**} Retagged AAR 063, 064

Summary of Instructions:

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



SEA TURTLE INVENTORY (Crawl Data)

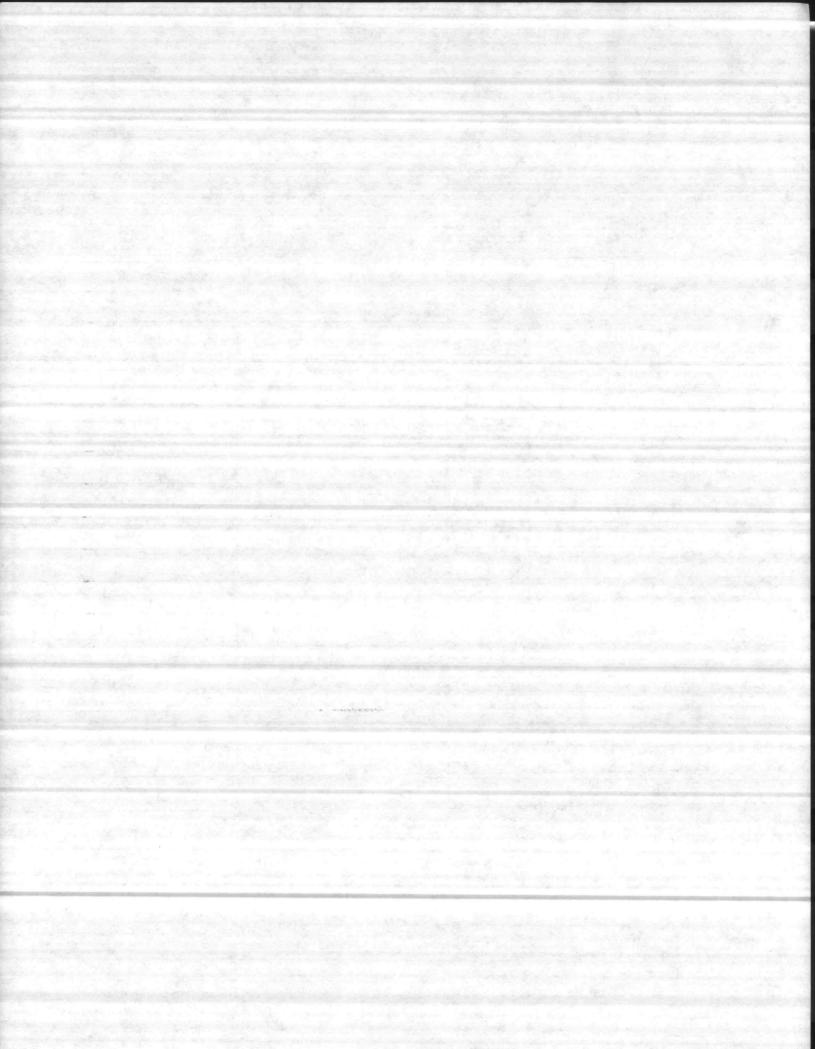
TABLE I

Marine Corps Base Camp Lejeune, North Carolina

Crawl No.	Date	Time Crawl Occurred	Active Nest	Location*	Comments
022	6-28-83	0200	X	1.0(N)	Relocated to dunes
023	6-30-83	2200		2.6(8)	Return IMS 716, AAR 071 C.O. disturbed turtle
024	6-30-83	0045		1.7(N)	c.o.
025	7-1-83	0200		2.1(N)	C.O. Tags AAR 067, 068
026	7-1-83	2200		2.7(N)	Disturbed turtle
027	7-1-83	2130	Χ	4.0(N)	Relocated to dune 138 eggs Ret. IMS 813.8
028	7-1-83	2200	Χ	2.3(N)	Relocated to dune 17 Eggs Ret.IMS716,AAR
029	7-2-83	0030		3.7(N)	C.O.
030	7-2-83	0200		1.6(N)	C.O.
031	7-2-83	~ ~ 0215· · · ·	- X	0.1(N)	Relocated from 0.05(S) 122 eggs Ret.AAR 067,06
032	7-2-83	0215		0.6(S) -	c.o.
033 •	7-2-83	0215	X	2.1(N)	Return AAR 069,070 134 eggs
034	7-2-83	2145		1.6(N)	C.O.
035	7-2-83	2245		2.1(N)	C.O.
036	7-2-83	2245	X	2.7(N)	Relocated to dune 135 eggs Ret.AAR 059,06
037	7-2-83	2315		3.0(N)	C.O. Return IMS 817,064
038	7-2-83	2330	Х	0.6(N)	Relocated from 1.0(S) 137 eggs Tags AAR 072,0
039	7-3-83	0145	Х	0.6(N)	Relocated to dune 99 eggs Ret.IMS716 AAR
040	7-5-83	2400	ar i de la compansión de	2.6(N)	c.o.
041	7-5-83	2200	X	3.0(N)	Relocated 14' to dune 119 eggs
042	7-5-83	2300	promoter to the	3.7(N)	C 0

Summary of Instructions:

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



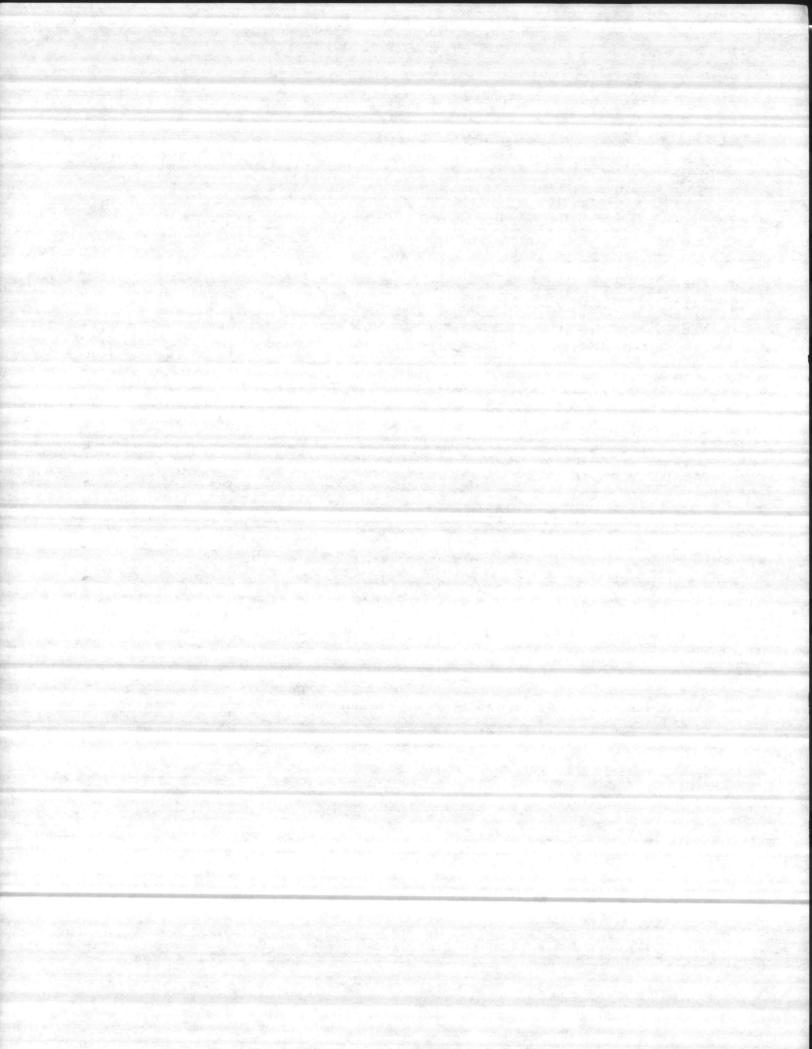
SEA TURTLE INVENTORY (Crawl Data)

TABLE I Marine Corps Base Camp Lejeune, North Carolina

	Crawl	Date	Time Crawl Occurred	Active Nest	Location*	Comments
7	043	7-5-83	2330	X	3.6(N)	56 eggs
	044	7-6-83	0300-0600		0,5(11)	c.o.
	045	7-8-83	0100	X	0.4(N)	Relocated to dune 144 eggs Tags AAR 074,0
	046	7-10-83	2400	X	2.3(S)	Relocated from 3.6(S) 128 eggs Ret.AAR 051, 05
	047	7-10-83	0100		0.1(S)	C.O.
	048	7-11-83	2300		1.5(N)	c.o.
	049	7-11-83	0100	Х	2.3(N)	101 eggs. Ret.AAR 065, 0
*	050	7-11-83	2400	X	2.3(N)	Relocated from 4.5(N) 128 eggs
	051	7-13-83	0135		4.2(N)	C.O.
	052 -	7-14-83	240.0		2.1(N)	C.O.
an agu	053	7-15-83	0300-0600		1.7(N)	C.O.
	054 .	7-15-83	0300-0600	X	1.7(N)	Relocated to dune 142 eggs
Assessed to the second	055	7-16-83	2120		0.4(N)	C.O.
	056	7-16-83	2230	X	0.8(N)	Relocated to dune 58 eggs Tags IMS 820,8
*	057	7-16-83	2315	X	2.3(N)	Tags IMS 822, 823 117 eggs
	058	7-16-83	0040		2.5(N)	C.O.
	059	7-16-83	0130	Х	0.1(N)	Relocated to dune
	060	- 7-17-83	0300-0600		3.8(N)	C.O. (2 body pits)
ar steel	061	7-17-83	0300-0600		0.4(N)	C.O.
	062	7-17-83	0300-0600		1.2(S)	C.O.
in in	063	7-17-83	2230		0.7(N)	C.O.

Summary of Instructions:

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



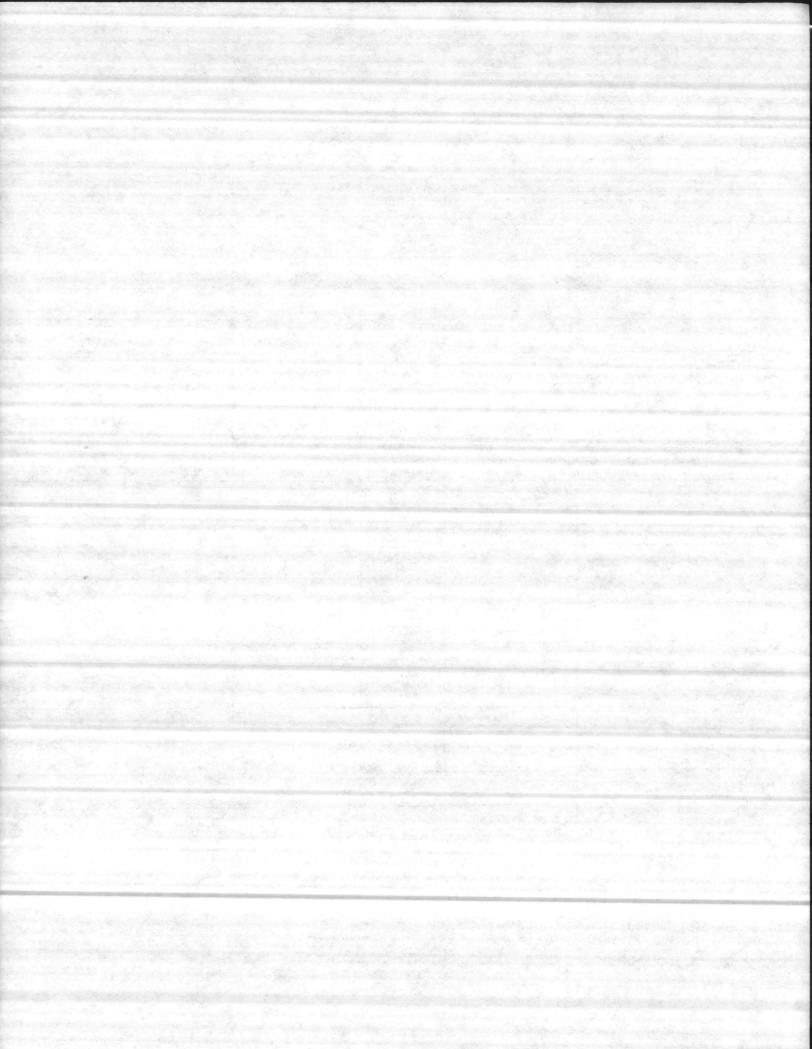
SEA TURTLE INVENTORY (Crawl Data)

TABLE I Marine Corps Base Camp Lejeune, North Carolina

Crawl No.	Date	Time Crawl Occurred	Active Nest	Location*	Comments
064	7-17-83	2200	· X	2.6(N)	Relocated from 2.7(N) 119 eggs Ret.AAR 061, 0
065	7-17-83	2330	X	0.4(N)	Relocated to dune 161 eggs Ret.IMS 716,AA
066	7-17-83	2400	X	0.4(N)	Relocated from 3.1(N) 0 146 eggs Ret.IMS 768, 7
067	7-21-83	2400		1,8(N)	c.o.
068	7-27-83	2300		4.0(N)	C.O. Ret.IMS 817, 064
069	7-27-83	2300		3.7(N)	C.O. Tags AAR 079,080
070	7-27-83	2300		0.2(S)	C.O. Halfway up beach
071	7-27-83	2400		0.3(N)	C.O.
072	7-28-83	2215		2,2(N)	C.O. Ret. IMS 817,064
073	7-28-83	2230	Х	2.1(N)	Relocated to dune 70 eggs Ret. AAR 079,08
074	7-28-83	2230	Х	0.4(N) -	137 eggs Relocated to d
075 .	7-28-83	2400		2.9(N)	c.o.
076	. 7-28-83	0200	X	2.7(N)	134 Eggs Ret.AAR 069, 0
077	7-29-83	0030	X	2.9(N)	Relocated to dune 90 eggs Tags AAR 081,08
078	7-29-83	0200		1.3(N)	c.o.
079	7-29-83	0220	Х	0.9(S)	163 eggs Relocated to D
080	7-30-83	2300	Х	2.2(N)	127 eggs Relocated to d
081	7-30-83	2345		2.4(N)	c.o.
082	7-30-83	0300-0600		1.1(S)	c.o.
083	8-3-83	0300-0600		0.1(N)	c.o.
084	8-5-83	2210	X	3.8(N)	140 eggs Relocated to d

Summary of Instructions:

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



SEA TURTLE INVENTORY (Crawl Data) TABLE I Marine Corps Base

Camp Lejeune, North Carolina

Crawl	300	Time Crawl	Active		
No.	Date	Occurred	Nest	Location*	Comments
085	8-8-83	2245		2.8(N)	Halfway up beach C.O. Ret.AAR 059, 060
086	8-8-83	2230		2.2(N)	C.O. Halfway up beach
087	8-12-83	2400		2.6(N)	C.O. Halfway up beach
088	8-12-83	0130	X	3.5(N)	Relocated to dune 124 Eggs. Ret.AAR 069,07
089	8-18-83	0120	X	2.9(N)	lll eggs. Reloc. to dun-
		.			
		ace at the second			
•					
And the second s		kata ja kata da kata d Marajaran da kata da k			
4 62					

Summary of Instructions:

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.

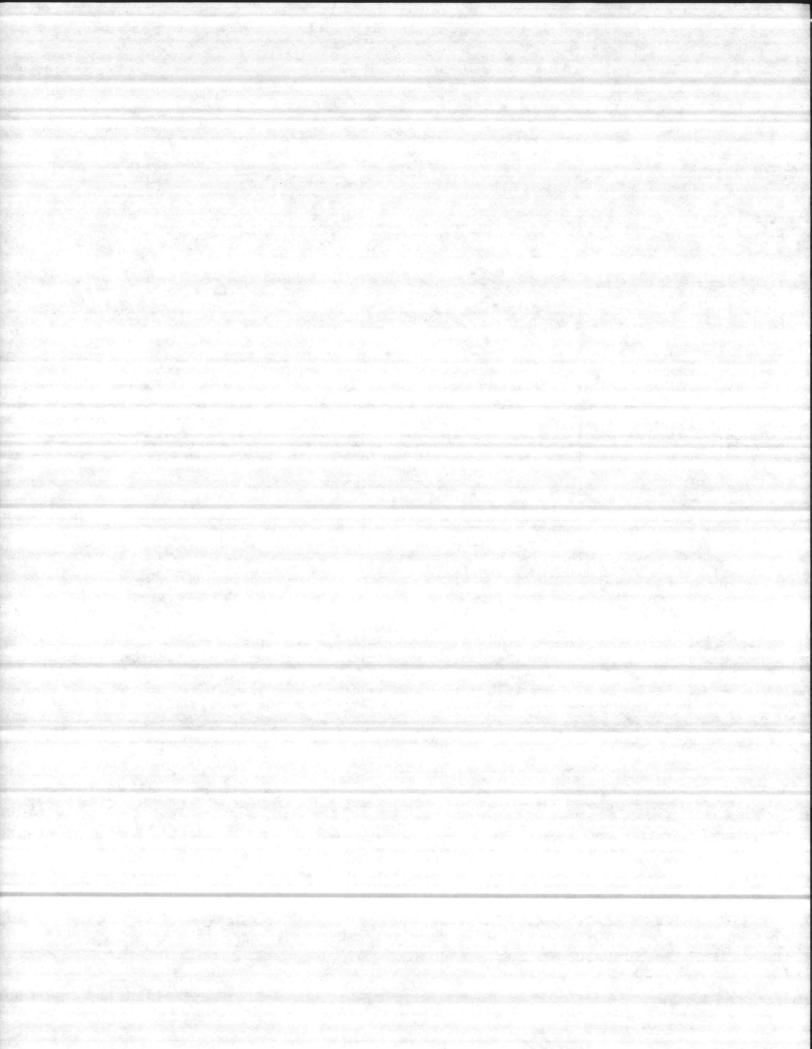


TABLE II

RETURN RECORD OF TAGGED TURTLES
1983 SEA TURTLE INVENTORY

Date Tagged	Tag Number	Return	Return Return Return
6-30-81 (3)	IMS 746, AAR071	6-30-83 (1)	7-1-83 7-3-83 7-17-8
1981 (4)	IMS 817, 064	7-2-83 (1)	7-27-83 (1) 7-28-83 (1)
8-1-81 (2)	IMS 768, 769	6-20-83	7-17-83
	(AAR 063, 064)		
7-27-82	IMS 813, 814	6-19-83	7-1-83
6-8-83	AAR 051, 052	7-10-83	
6-15-83	AAR 053, 054		
6-16-83	AAR 055, 056		
6-19-83	AAR 059, 060	7-2-83	8-8-83
6-20-83	AAR 061, 062	7-17-83	
6-24-83	AAR 065, 066	7-11-83	
7-1-83 (1)	AAR 067, 068	7-2-83	
7-1-83 (1)	AAR 069, 070	7-2-83	7-28-83 8-12-83
7-2-83	AAR 072, 073		
7-8-83	AAR 074, 075		
7-16-83	IMS 820, 821		
7-16-83	IMS 822, 823		
7-27-83 (1)	AAR 079, 080	7-28-83	
7-29-83	AAR 081, 082		

⁽¹⁾ Did not nest

⁽²⁾ Retagged

⁽³⁾ Added one tag

⁽⁴⁾ Tagged at Cape Lookout

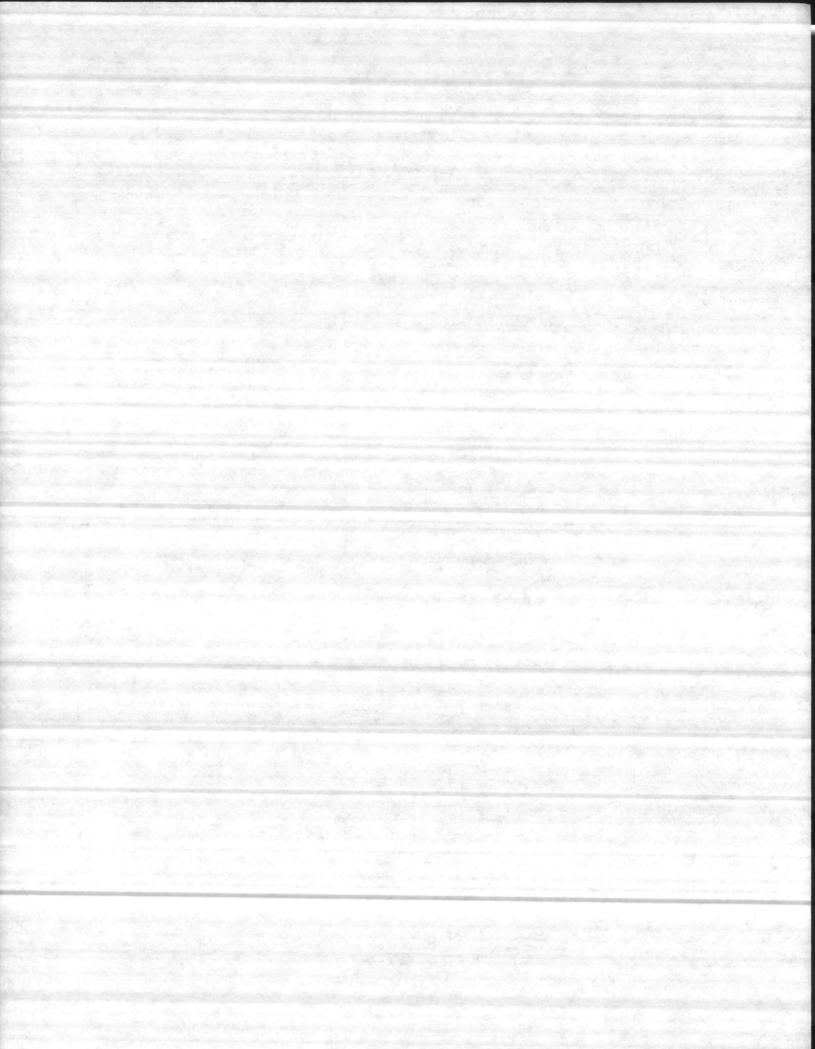


TABLE III

CRAWL INFORMATION IN RELATION TO MOON AND TIDAL CYCLES AND WEATHER CONDITIONS

	Moon Rise	Time or	Time Prawl	Time Participan			7.5	n
Date	% Illumin.	High Tide		W/Nest	Crawls	Weather	H20	-
6-8-83	0258 - 13%	1730		3330	1	Fair	700	_
6-11-83	0457 - 00%	1955	0330		1	Fair	70°	_
6-13-83	0658 - 15%	2138	0730/0400		2	P/Cloudy	710	
6-15-83	0919 - 20%	2331	2330	2330/2400	3	Clear	75°	
6-16-83	1029 - 30%	2400	2400	2300	2	Clear	79°	
6-17-83	1137 - 41%	0032	0300	0430	2	Clear	77°	
6-18-83	1242 - 52%	0134	2400/2430	2300	3	Clear	79°	- 3
6-19-83	1346 - 63%	0236		2200/0135	2	P/Cloudy	80°	
6-20-83	1448 - 73%	0336	0330/0600	2300/0230	3	Cloudy	80°	-
6-24-83	1849 - 98%	1920	Jan 1997 Company	2200	1	Fair	78°	- 1
6-26-83	2034 -100%	2039		2330	1	P/Cloudy	79°	- 7
6-28-83	2158 - 94%	2154	0000 (0015	0200	1	P/Cloudy	79°	- 8
6-30-83	2303 - 81%	2314	2200/0045/		3	P/Cloudy	780	
7-1-83	2340 - 73%	2356	2200/0030/ 0200/0215	2130/2200/ 0215/0215	8	P/Cloudy	79°	
7-2-83	2400 - 65%	0041	2145/2245/ 2315	2245/2330/ 0145	6	- 200		_
7-5-83	0105 - 35%	0231	2400/2300	2200/2330	4	Cloudy	78	_
7-6-83	0138 - 25%	0326	0330/0600		1	Cloudy	78°	
7-8-83	0301 - 9%	1734		0100	1	Clear	77°	- 8
7-10-83	0458 - 0%	1941	0100	2400	2	Cloudy	78°	-
7-11-83	0608 - 0%	2032	2300	0100/2400	3	P/Cloudy	79°	- %
7-13-83	0834 - 9#	2218	0135		1	Clear	7 3 3	-
7-14-83	0945 - 175	2313	2400		1	P/Cloudy	37	-
7-15-83	1052 - 27%	1148	0300/0600	0330/0600	2	Clear	800	
7-16-83	1157 - 38%	0011	2120/0040/ 0300/0600/ 0300/0600/ 0300/0600	2230/2315/ 0130	8	Clear	780	

-8-

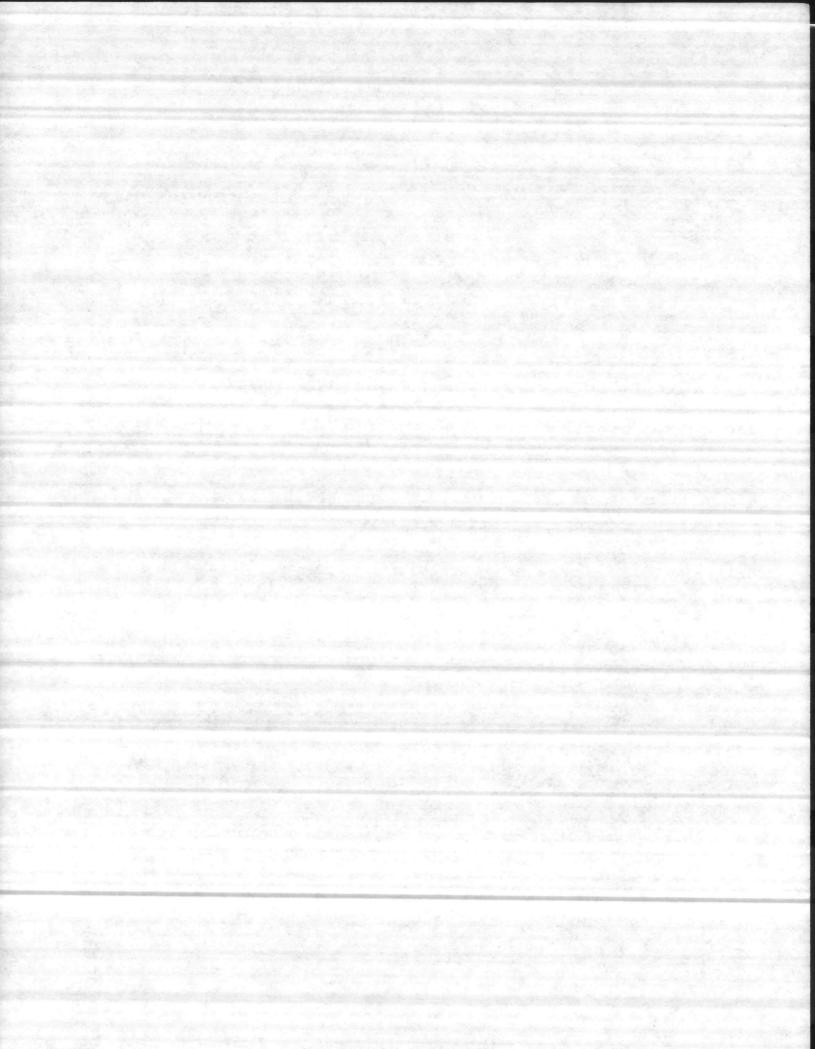


TABLE III (continued)

CRAWL INFORMATION IN RELATION TO MOON AND TIDAL CYCLES AND WEATHER CONDITIONS

	Date	Moon Rise % Illumin.	Time of High Tide	Time Crawl W/O Nest	Time Urawl W/Nest	Total Crawls	Temp Weather	H20 ·	i A.T
	7-17-83	1300 - 49%	0110	2230	2200/2330/ 2400	4 -	P/Cloudy	80°-	83
	7-21-83	1701 - 86%	1728	2400		# 1 m	Clear	80°-	85
_	7-27-83	2114 - 96%	2126	2300/2300/		4	Clear	800-	70 ^C
	7-28-83	2142 - 92%	2201	2215/2400	2230/2230/ 0030	5	Clear	80°-	80
<u>-</u>	7-29-83	2210 - 86%	2238	0200	0030/0220	3	Cloudy	76°-	72°
	7-30-83	2237 - 79%	2316	2345/0300/	2200	3	Clear	79°-	80
	8-3-83	0010 - 40%	0150	0300-0600		1	Cloudy	79°-	77°
	8-5-83	0138 - 20%	1636		22.0	1	Clear	740-	80°
	8-8-83	0455 - 1%	1925	2245/2230		2	P/Cloudy	82°-	82°
	8-12-83.	0943 - 24%	2252	2400	0130	2	Cloudy	75°-	75°

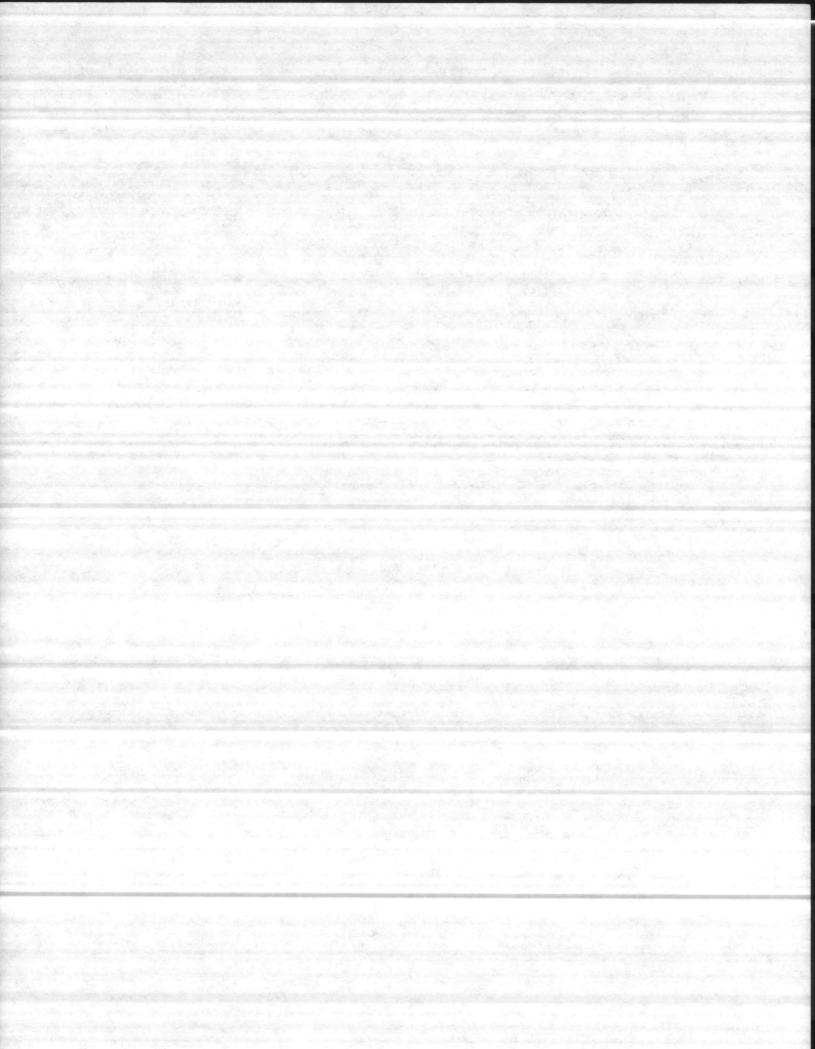


TABLE IV

GROUND SURVEY NUMBERS

(Nights not separated at Midnight)

Date	Crawls/No	Nest	Crawls/Nest	Total
6-8-83	0		1	1
6-9-83	0		0	0
6-10-83	0		0	0
6-11-83	1		0	1
6-12-83	0		0	0
	2		n n	2
6-13-83			0	0
6-14-83	0		2	3
6-15-83			1	2
6-16-83	1		± 1	2
6-17-83	2		1	3
6-18-83			2	2
6-19-83	0		2	3
6-20-83			0	0
6-21-83	0		0	0
6-22-83	0			0
6-23-83	0		0	
6-24-83	0		1	1 0
6-25-83	0		0	1
6-26-83	0		1	
6-27-83	0		0	0
6-28-83	0		1	1 0
6-29-83	0		0	3
6-30-83	3		0.	
7-1-83	4		4	8
7-2-83	3		3	6
7-3-83	0		0	0
7-4-83	0		0	0
7-5-83	2		2	4
7-6-83	1		0	1
7-7-83	0		0	0
7-8-83	0		1	1
7-9-83	0		0	0
7-10-83	1		1	2
7-11-83	1		2	3
7-12-83	0		0	0
7-13-83	1		0	1
7-14-83	1		0	1
7-15-83	1		1	2
7-16-83	5		3 3	8
7-17-83	1			4
7-18-83	0		0	0
7-19-83	0		0	0
7-20-83	0		0	0
7-21-83	1		0	1
7-22-83	0		0 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0
7-23-83	0		0	0
7-24-83	0		0	0
7-25-83	0		0	0
7-26-83	0		0	0
7-27-83	4		0	4
7-28-83	2		3	5
7-29-83	1		2	3
			-1 0-	

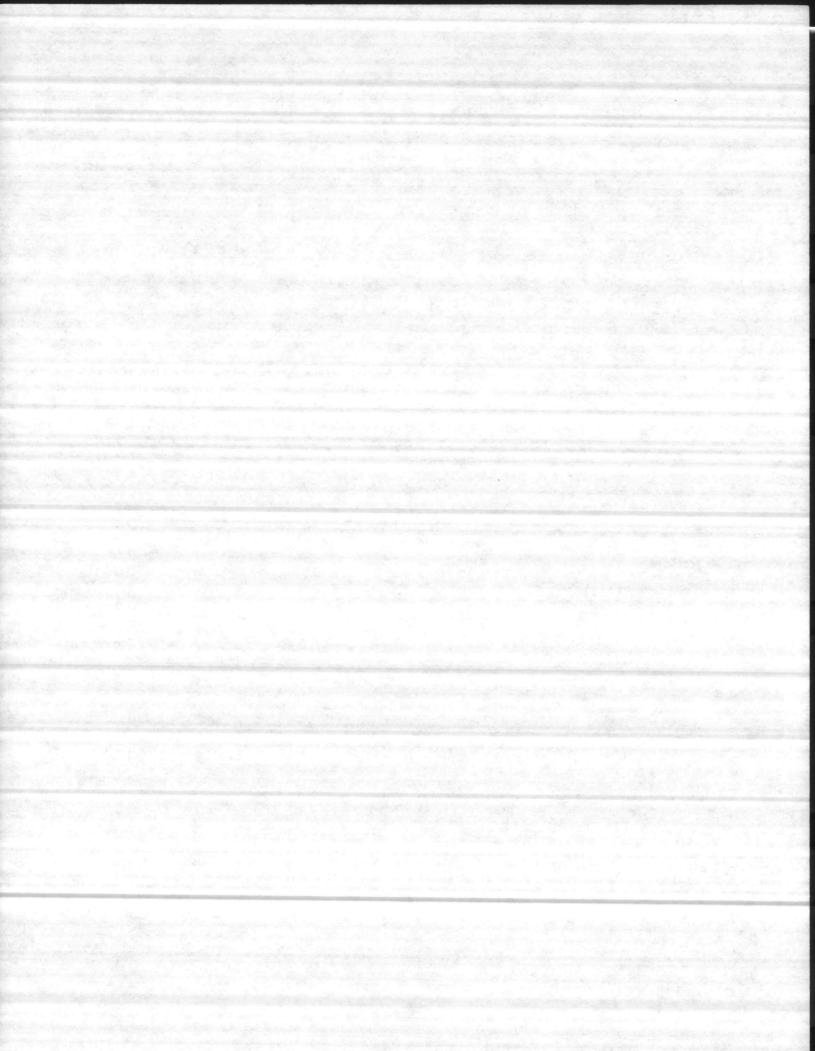


TABLE IV
GROUND SURVEY NUMBERS

lights not separated at dianight

Date	Prawls/No Mest	<u> </u>	Total
7-30-83 7-31-83	2 0	1	3
8-1-83 8-2-83 8-3-83 8-4-82 8-5-83 8-6-83 8-7-83 8-8-83 8-9-83 8-10-83 8-11-83 8-12-83 8-13-83	0 0 0 0 0 0 0 0 2 0 0	0 0 0 1 0 0 0 0 0	0 0 1 0 0 0 2 0 0

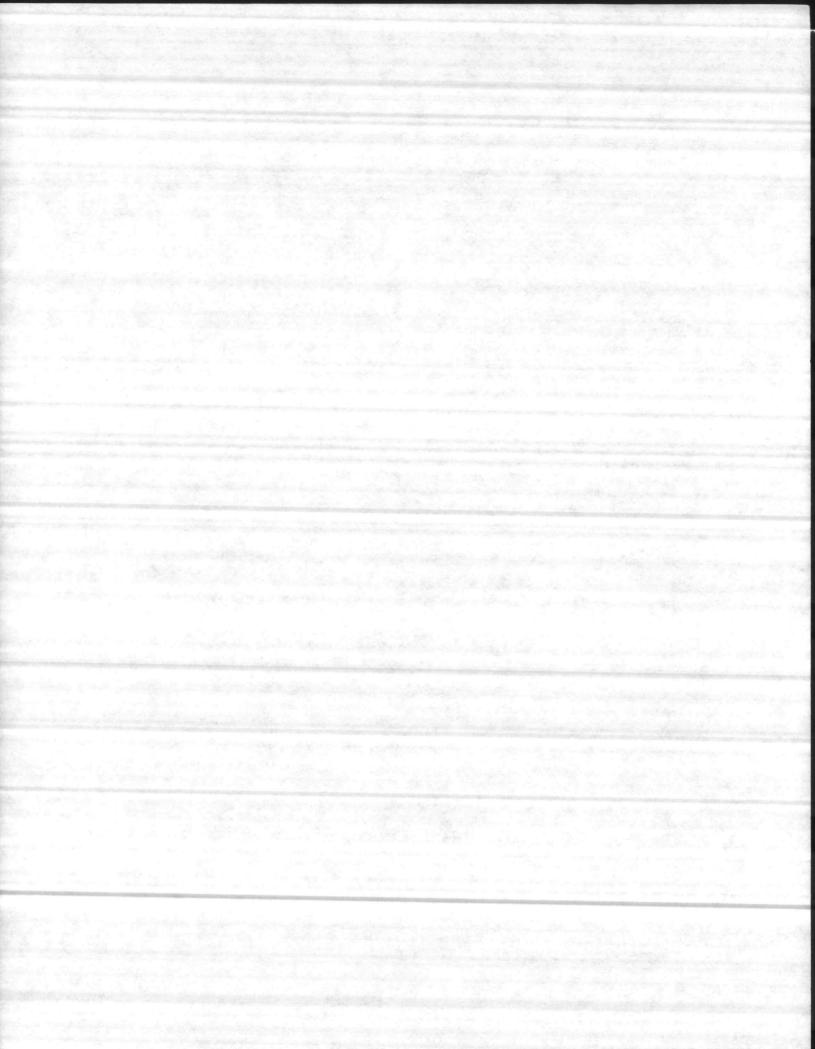
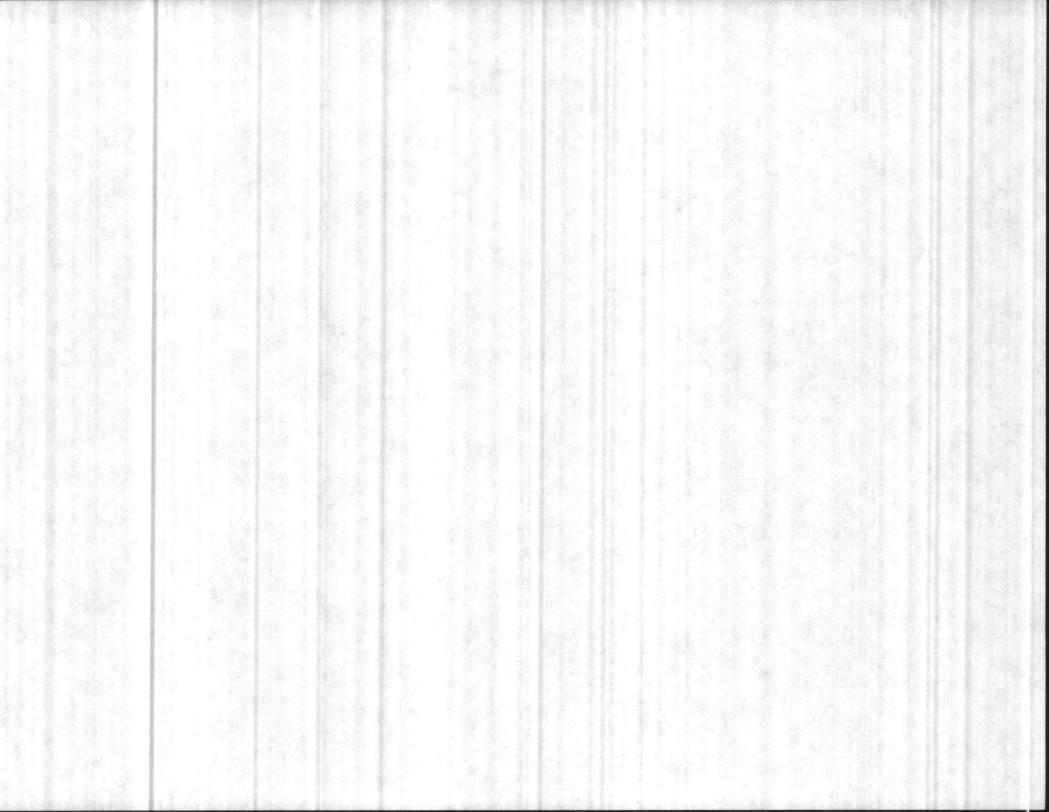


TABLE V

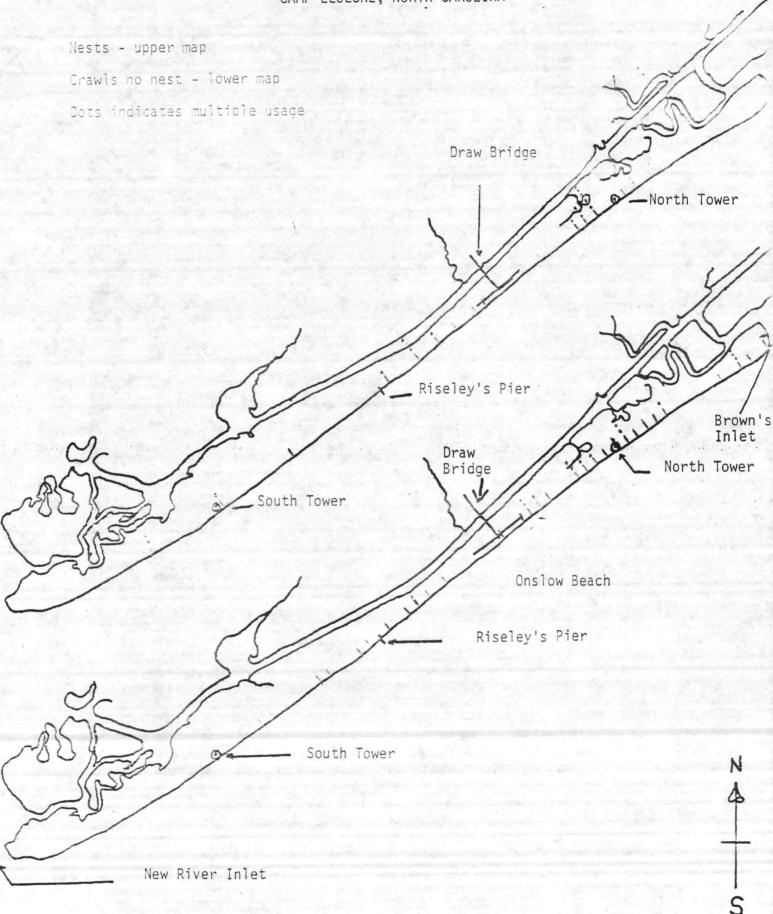
1983

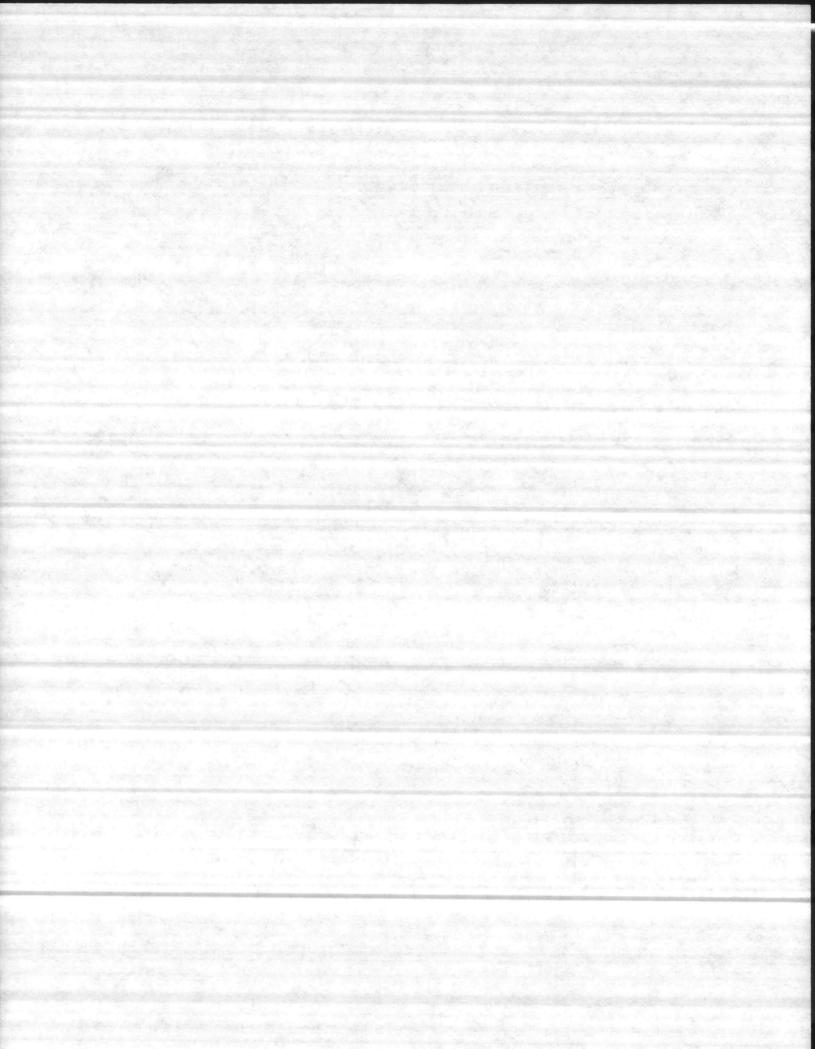
AERIAL SURVEY

		NSLO	H BE.	ACH		1	BRO	WNS	ISLA	ND			HA	MMOC	KS I	BEACH		
Date	MC (C N	11 0	N NP	OP	NC	OC	NN	ON	NP	OP	MC	OC	NN	OH	NP.	OF I	Weather Condition
5-26-83																		Fog/clear
5-31-83	1								109				1134	1				Fog/cloudy
6-3-83											34-			11927	1			For/eloudy
6-7-83											A 10 10 10 10 10 10 10 10 10 10 10 10 10							Fog/rain/cloudy
6-10-83	T					1												Fog/rain/cloudy
6-13-83	L					11	36	1	1									Clear
6-17-83		5		1 1 4		12		6		4				1				Fog/elear
6-22-83	1	1	5			12		2	7	7	100	1		2	1			Haze/cloudy
6-24-83								1										Fog/cloudy
6-29-83		1						1		1		1		1				Haze/cloudy
7-5-83	7 2	1 2	1			12		1			e Supt			2	2	2		Fog/cloudy
7-7-83						2		1	× 20 × 1			1		2				Haze/cloudy
7-10-83												3		2		1		Haze/fog/cloudy
7-15-83	1 2	5				10						ļ1		3	1	1		Fog/cloudy
7-19-83		1	2			2		4	1,000	. 3		13		3	3	Beautiful Control	1	Haze/fog/cloudy
7-22-83			1				200		1	1	19-18-1							Rain/cloudy
7-27-83								1	1	2								Clear
7-29-83		2 3				[1	1	1	1	2		11		1		1		Clear
8-4-83	L	1				2	4			2				2	1			Rain
8-11-83						1		3	3		2	12	141	3				Fog
8-19-83		16		1 10 13			AV S							2	3			Haze
8-23-83									Arido -									Fog .
8-31-83	Did not	mak	e Fl	ight-	Weath	er R	ange	Use										



NEST AND CRAWL ACTIVITY ONSLOW BEACH, MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA





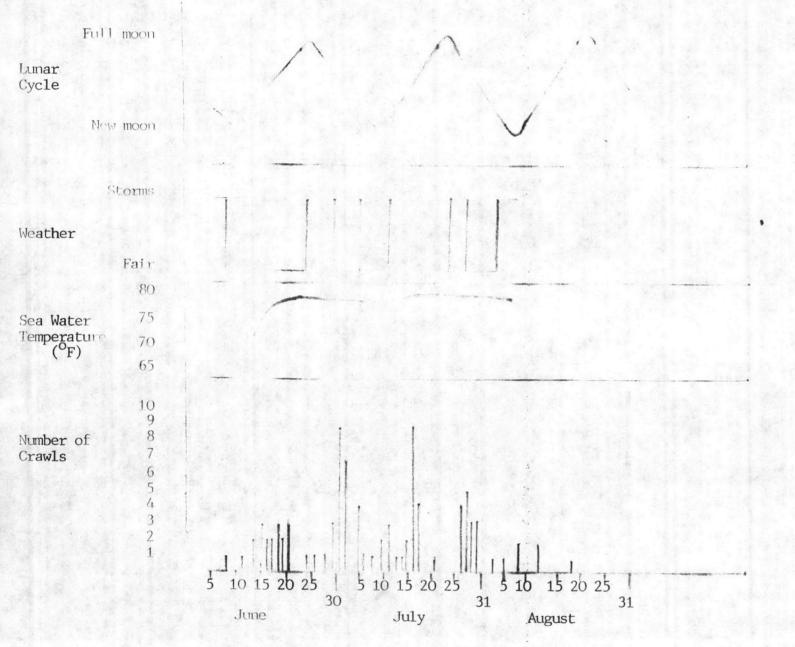
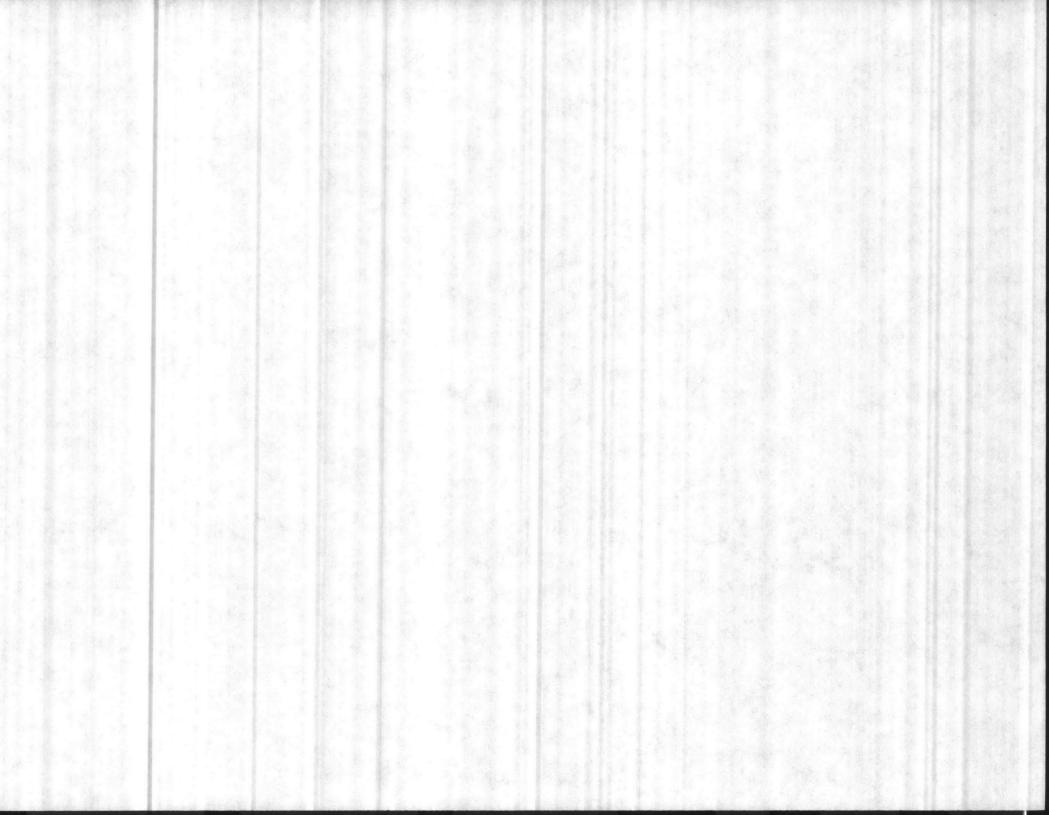


Fig. 1. Crawls in relation to lunar cycle, weather and seawater temperature



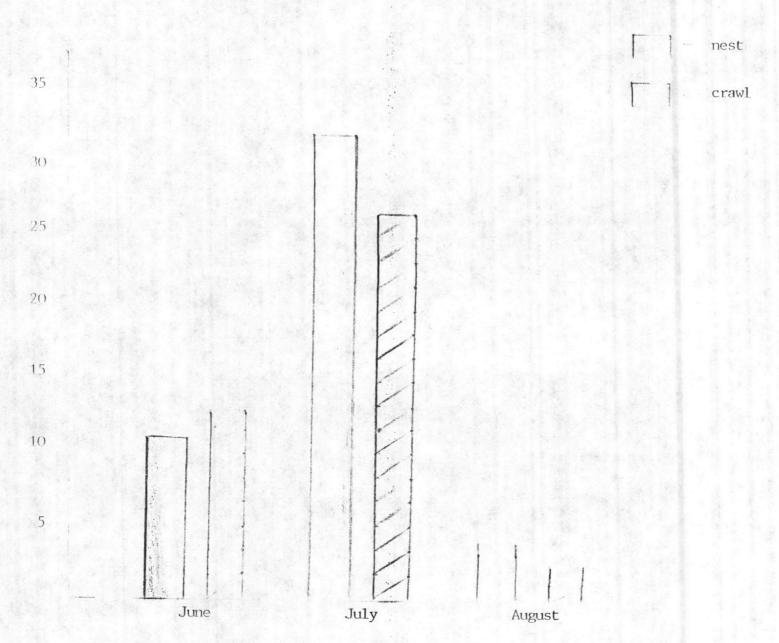
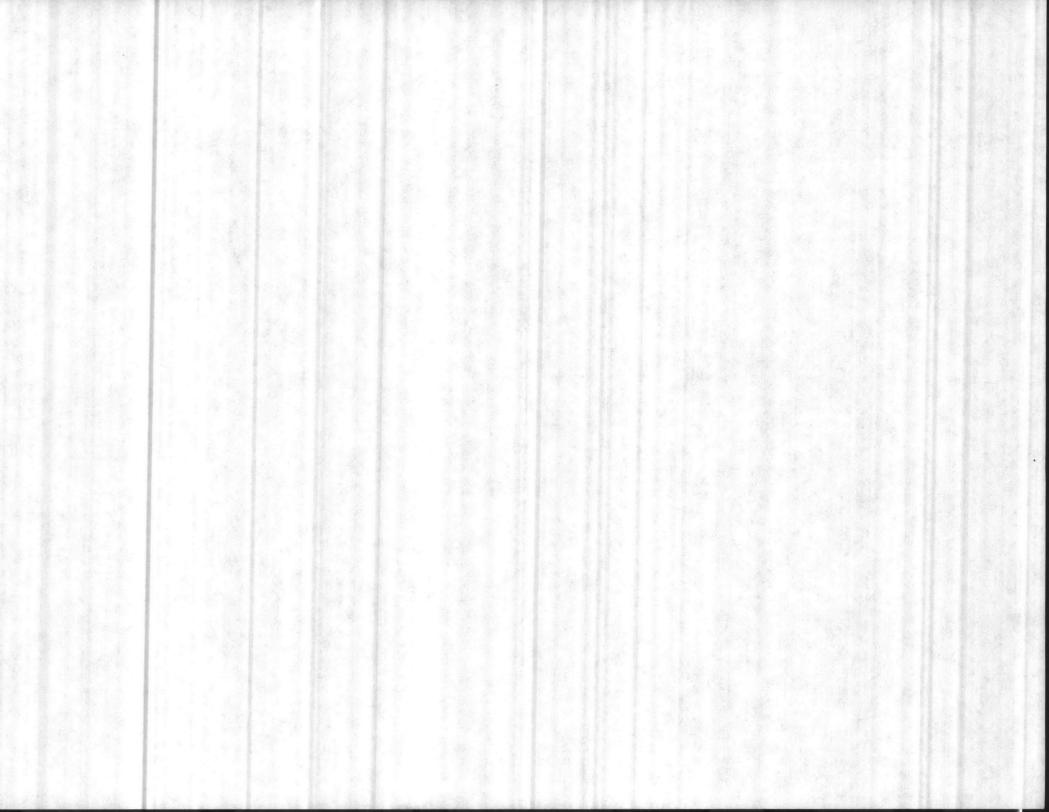
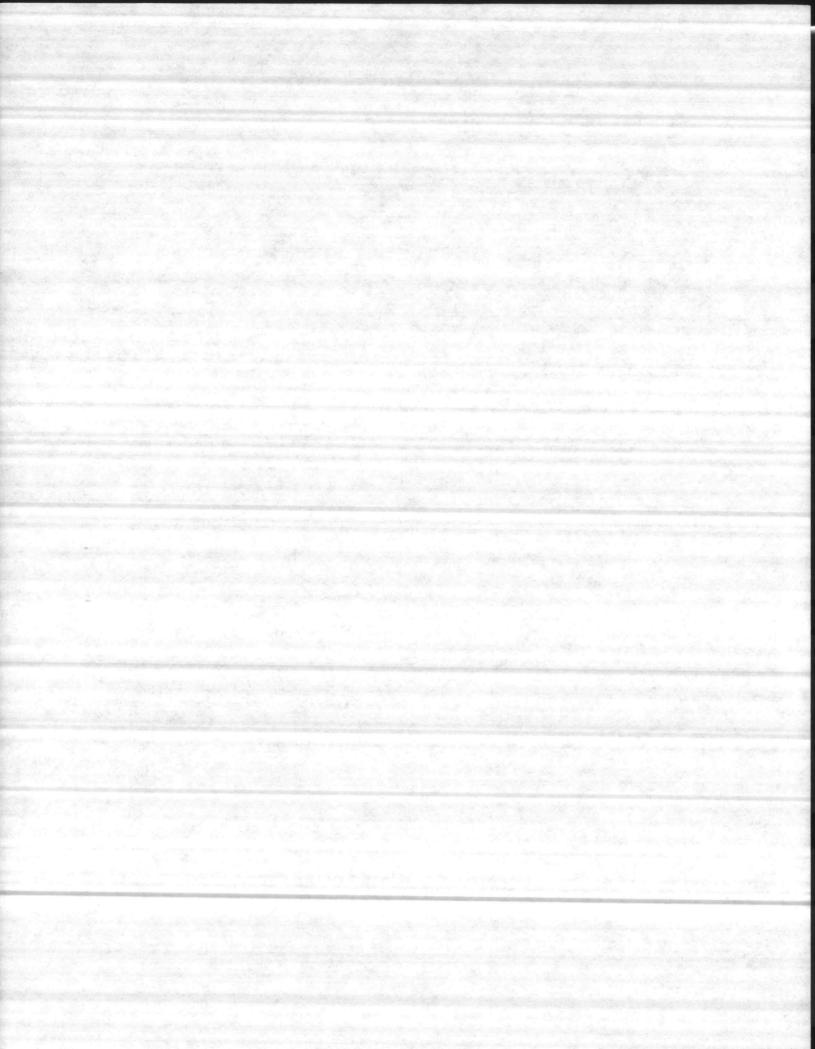


Fig. 2 Total crawls and nests by months

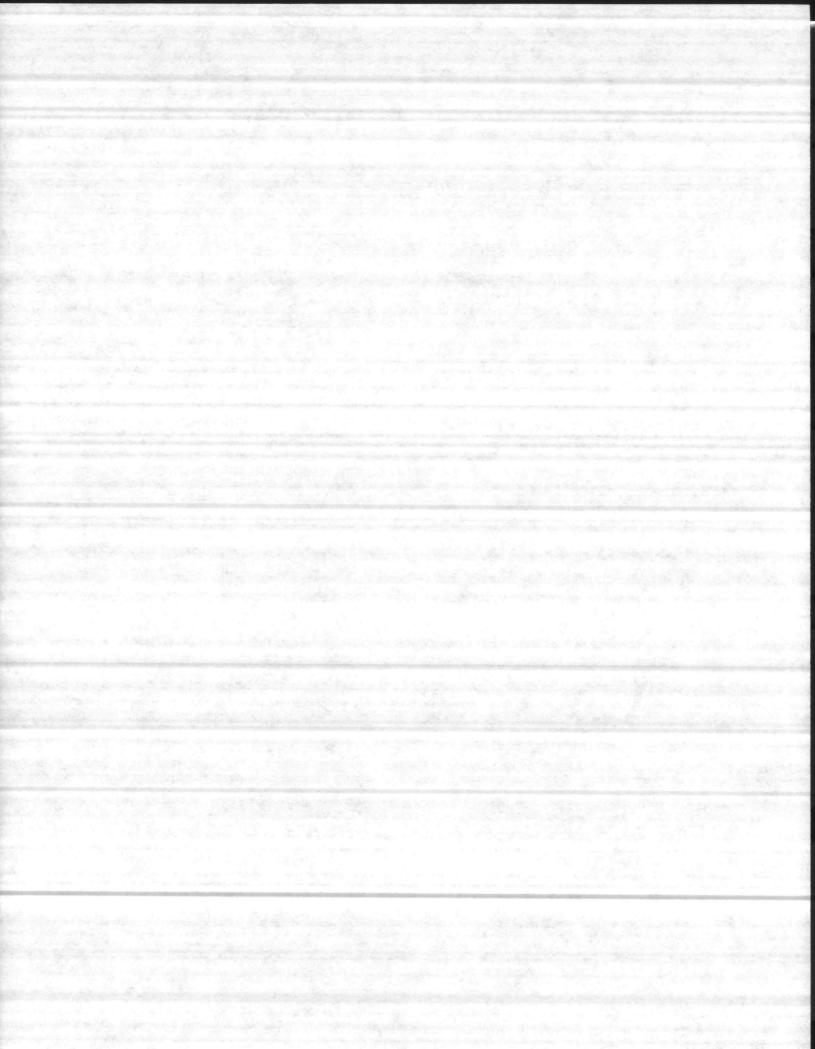


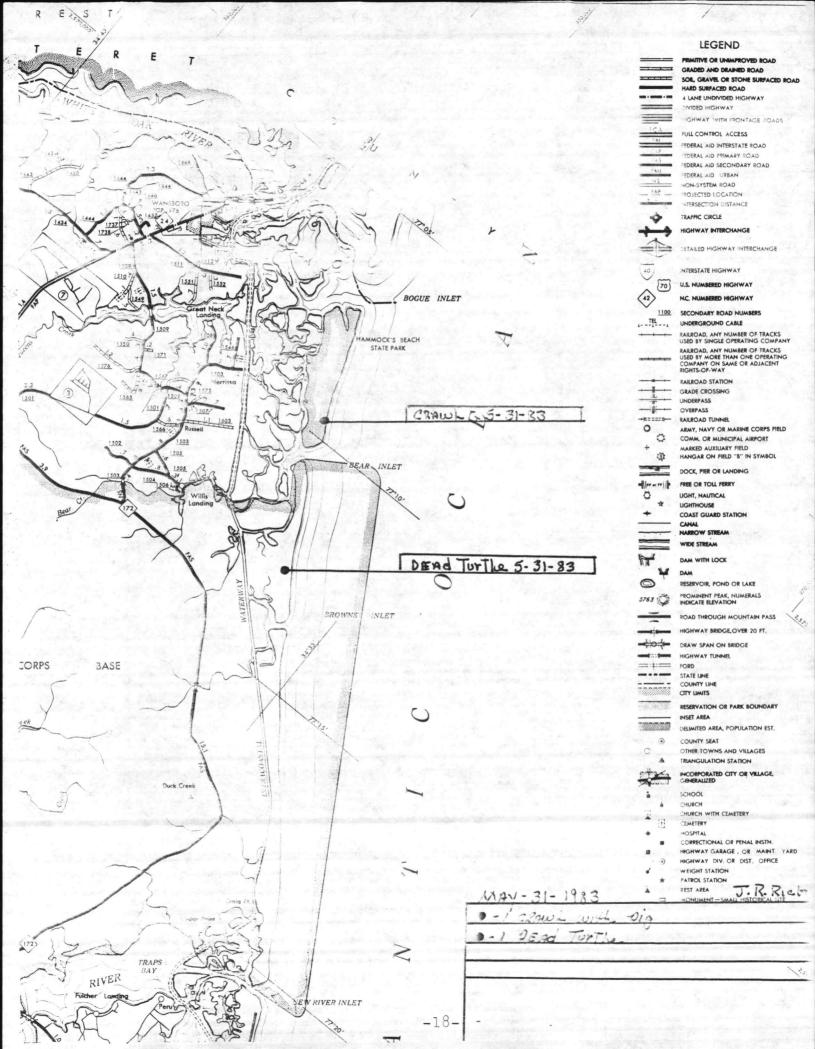
Date:	Tar- 06 1	187		16:07	er comb	
Recorder Name:	Jappy R.	Rich				
Crew Names:	Tone		Pilo	t: <u>J.</u> 3	, Rios	
Co-Pilot:	Tone		Crew	Chief: _	Toda .	
Others:	Mone	. C. 41.2	A sea			
Weather: Genera	5 miles	Fog & B	aze	Cloud Cov	er <u> </u>	ear
Wind Speed	Less th	nan 5K	S	ea Conditi	ons Ligh	nt Chop
		BEACH A	AERIAL SURVE	YS Altit Air S		
Location	Cra	wls	Ne	sts	Nest	Predation
	New	01d,	New	01d	New	01d
Onslow Beach	0	0	0	0	0	0
Browns Island	0	0	0	0	0	0
Bear Beach	0	0	. 0	0	0	. 0

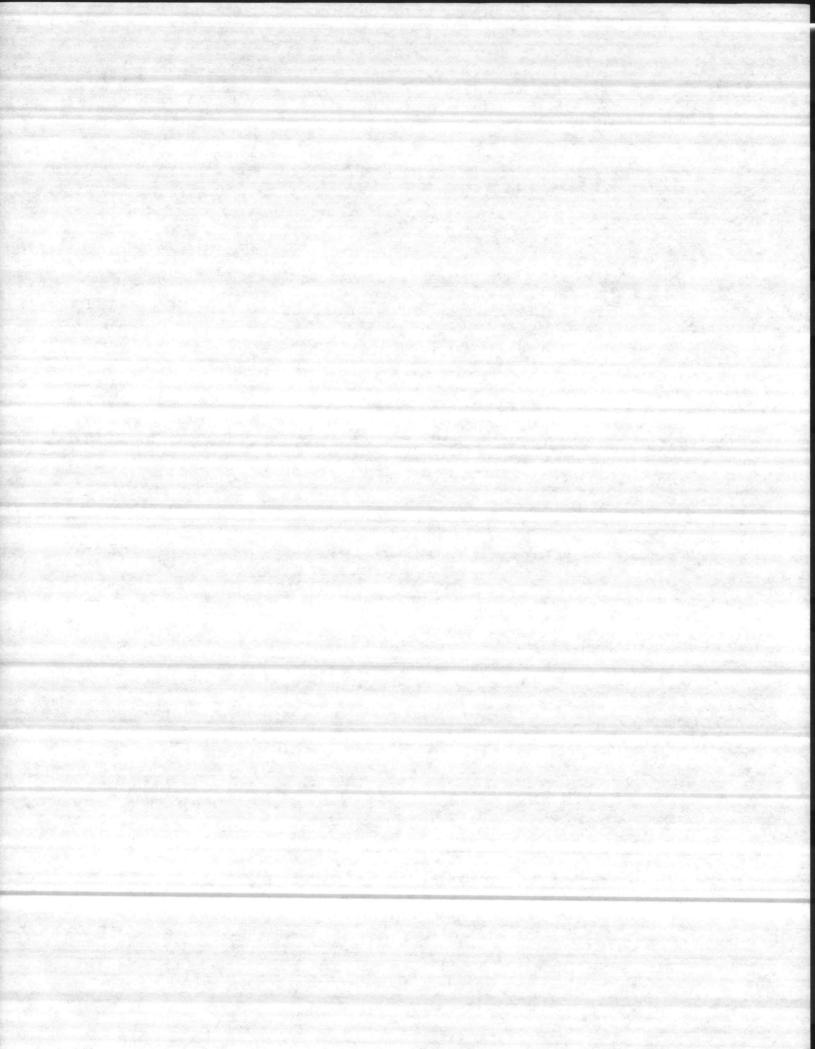
		OCEAN A	ERIAL SURVE		tude	400 Ft. 60 K
	Live Tu	rtles			Dead Turtl	es
Bell Buoy from	Juvenile	Adu	1ts			
Bogue Inlet to New River Inlet	0	C		0		
Comments:				1		



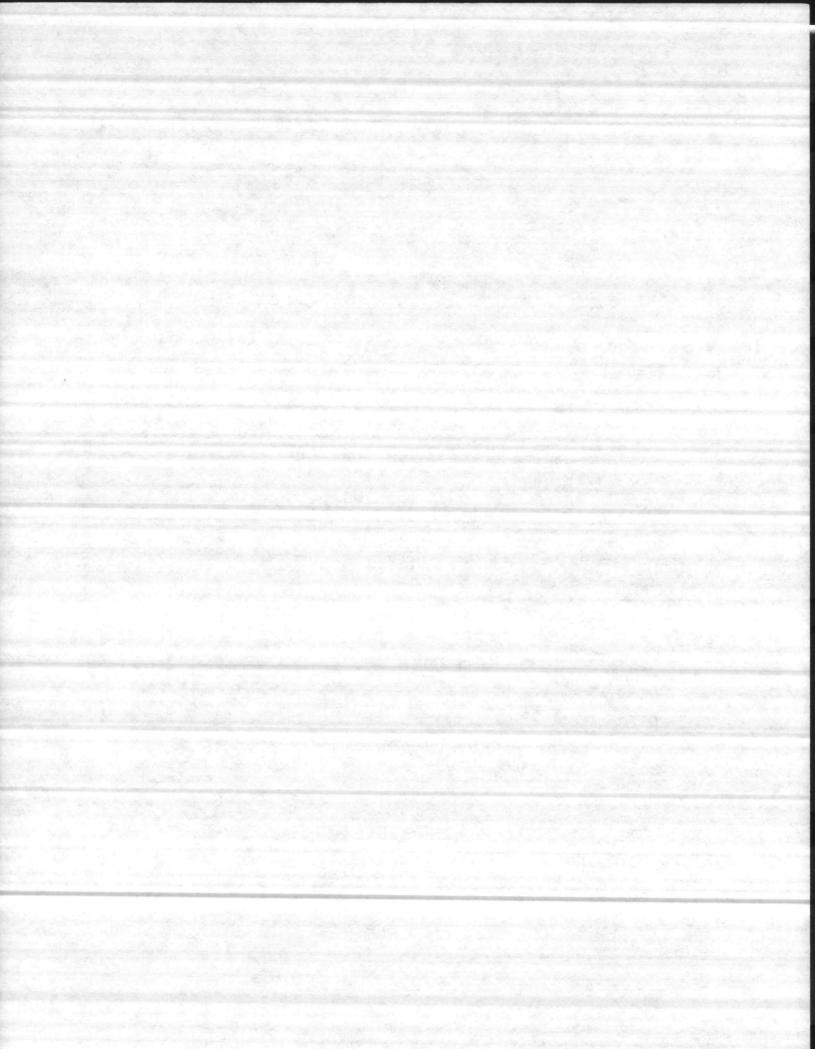
Date:	Sarr 31 19	83	Time: S	06:00	F _	08:30
Recorder Name:	I. Town	gend				
Crew Names:	Tone		Pilo	t: <u>Jarr</u>	r R. Rich	
Co-Pilot:	Ione		Crew	Chief:	Ione	
Others:	Tone					
Weather: General	4 mile	s Fog		Cloud Cov	er <u>2000</u>	SCT
Wind Speed	240 @	10-12 K	S	Sea Conditi	ons Chop	
		BEACH	I AERIAL SURVE	YS Altit	tude <u>100</u> Speed <u>60</u>	rt K
Location	Cra	awls	Ne	ests	Nest Pr	edation
	New	01d,	New	01d	New	01d
Onslow Beach	0	0	0	0	0	0
Browns Island	0	0	O	0	0	0
Bear Beach	0	0	1	0	0	Ο.
						·
		OCEAN	N AERIAL SURVE	EYS Alti Air		O Ft
	Live Tu	urtles			Dead Turtle	S
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile	2 Α	Adults	One dea Island	ad turtle	on Browns
Comments:						

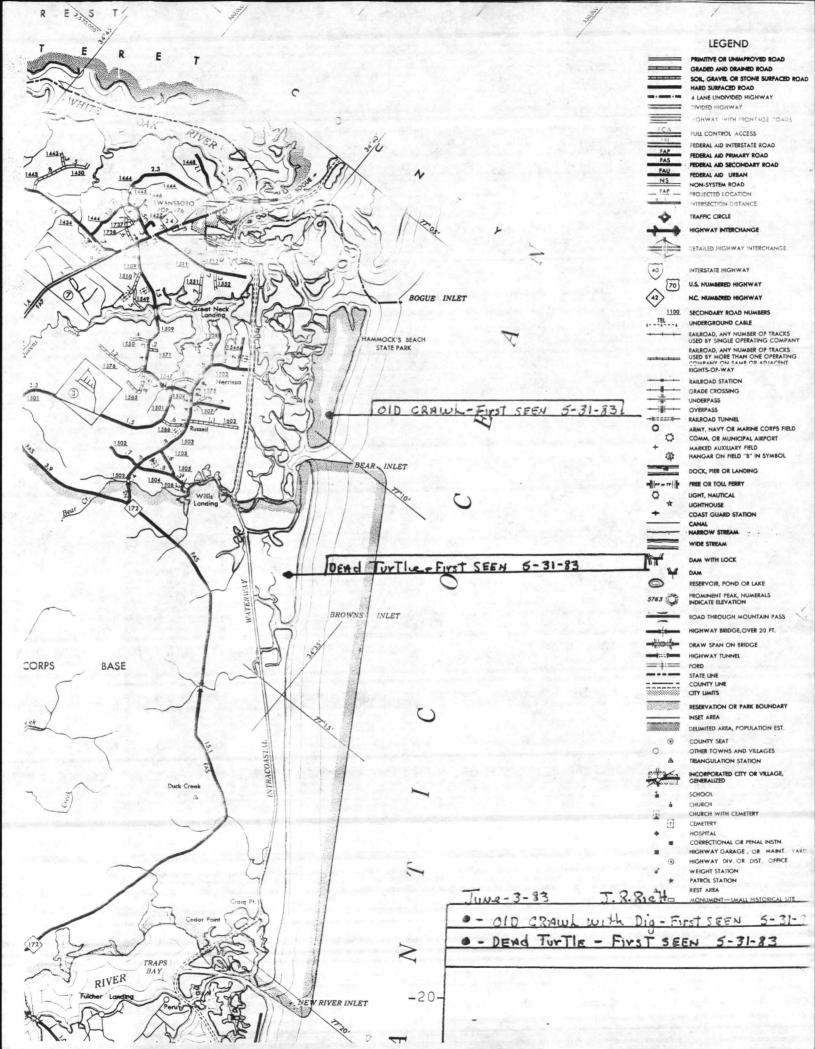


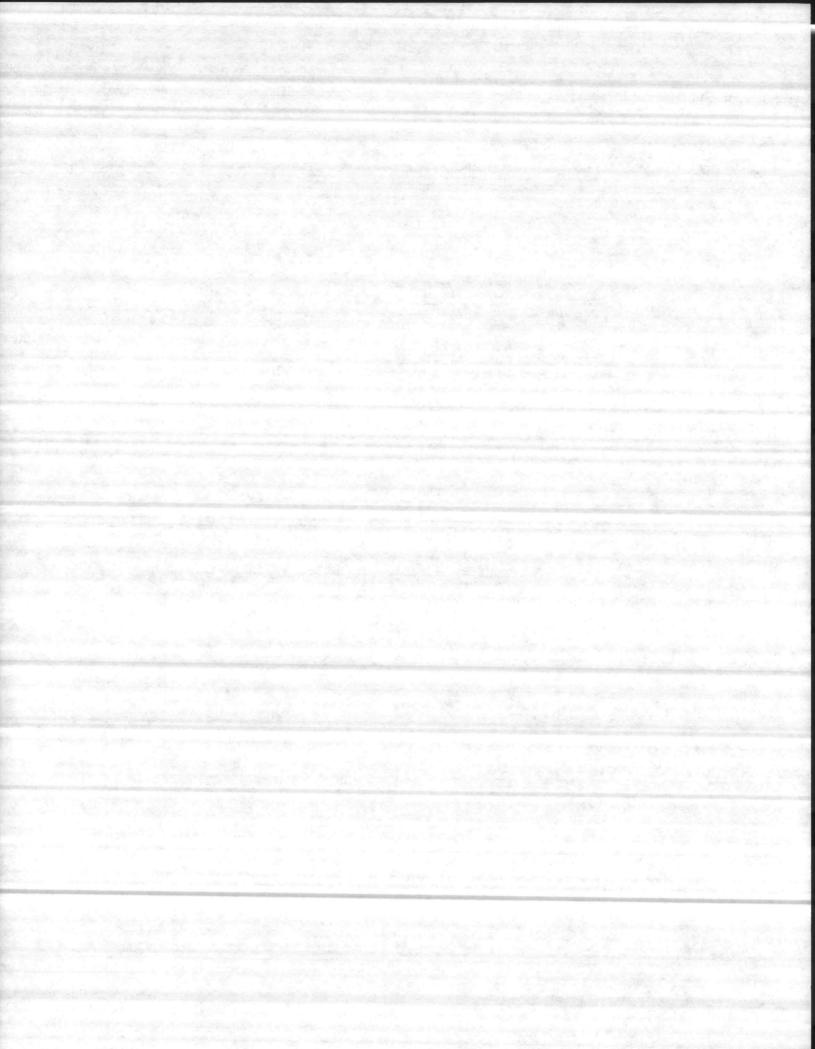




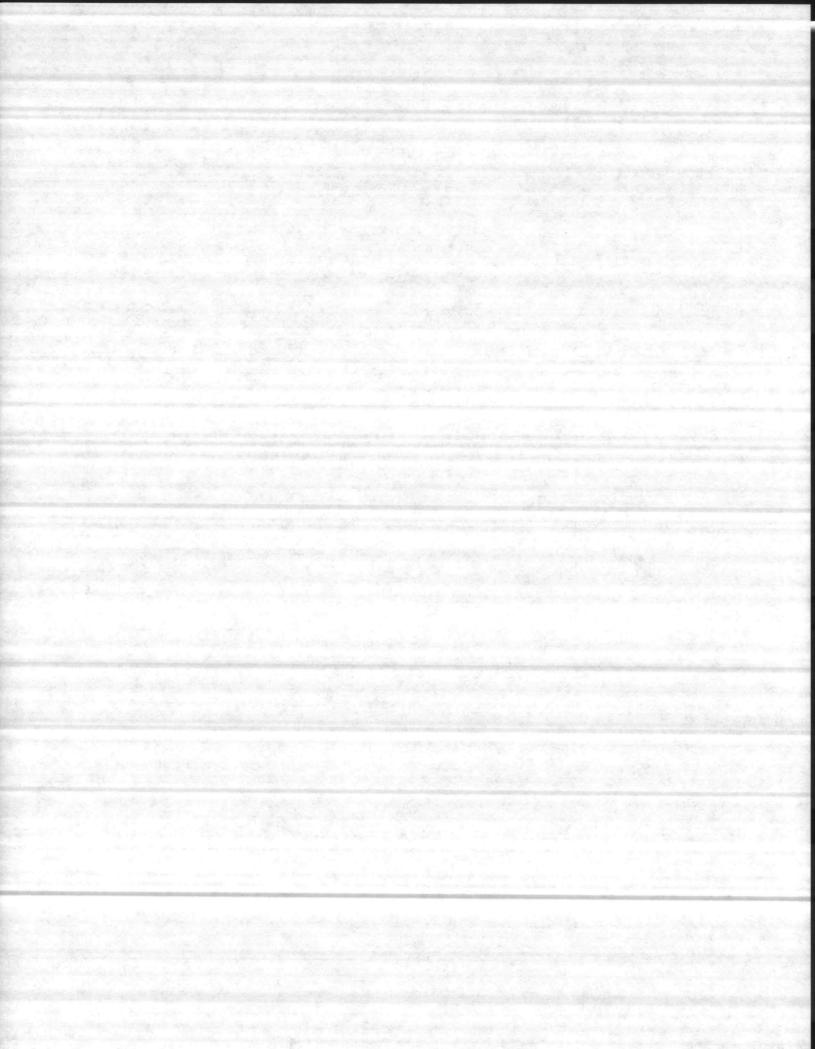
		SECURITY OF THE PROPERTY OF				Date:
			100	311	J. R. Ric	Recorder Name: _
	R, Rich	: <u> </u>	Pilo		Mone	Crew Names:
		Chief: -	Crew		Jone	Co-Pilot:
					None	others:
	r - <u>1</u> -000	Cloud Cove	a and a second	11ag 25g	-3 to 5 <u>m</u>	Weather: General
	ns <u>calm</u>	ea Conditio	S	1 5 K	Less than	lind Speed
	ide <u>100 I</u> beed <u>60 I</u>		ERIAL SURVE	BEACH AE		
on	Nest Pro	sts	Ne	s	Crawl	ocation
)ld	New	01d	New	01d	New	
)	0	0	0	0	0	nslow Beach
)	0	0	0	0	0	rowns Island
)	0	1	0	0	0	ear Beach
						3.00
	ude 400	'S Allit	ERIAL SURVE	OCEAN AE		
	ead Turtles			les	Live Turt	
Islan •	Turtle 31 t seen 5	1 Dead	ts	Adul	Juvenile	ell Buoy from
				0	0	ogue Inlet to ew River Inlet
	<u>. Taraban kan</u> Maraban Kanpuntan				West State of	omments:
	peed	Air S		les		from ogue Inlet to ew River Inlet

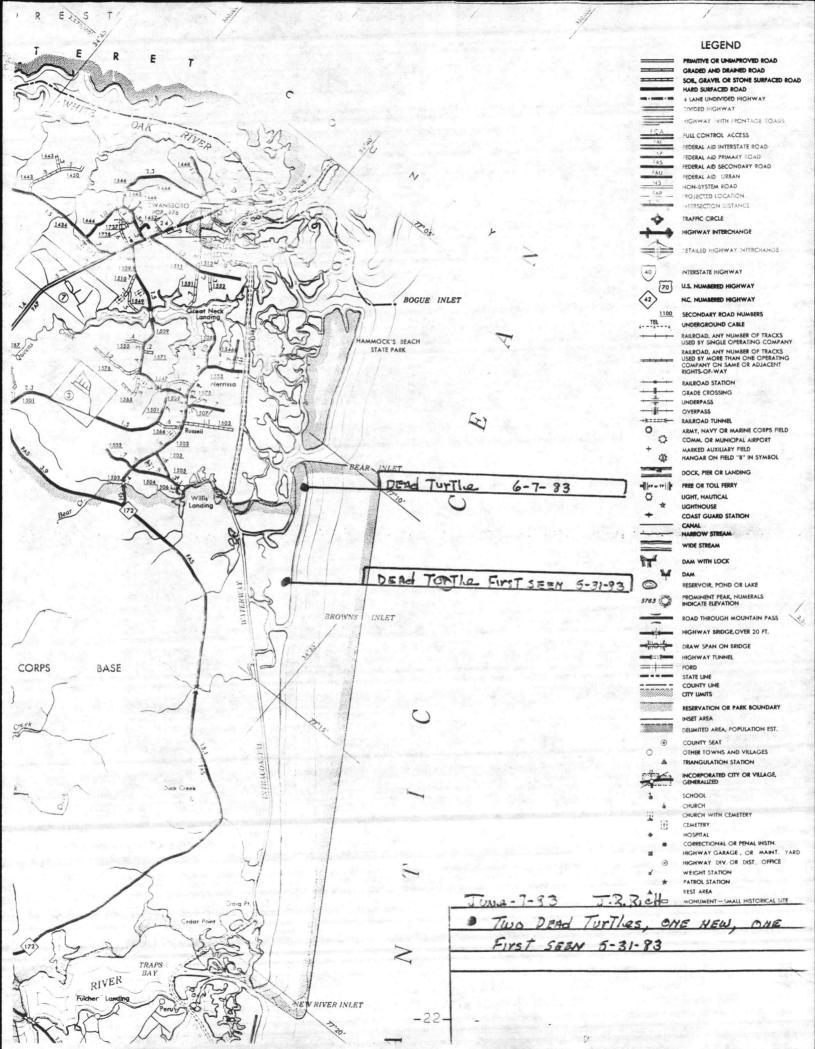


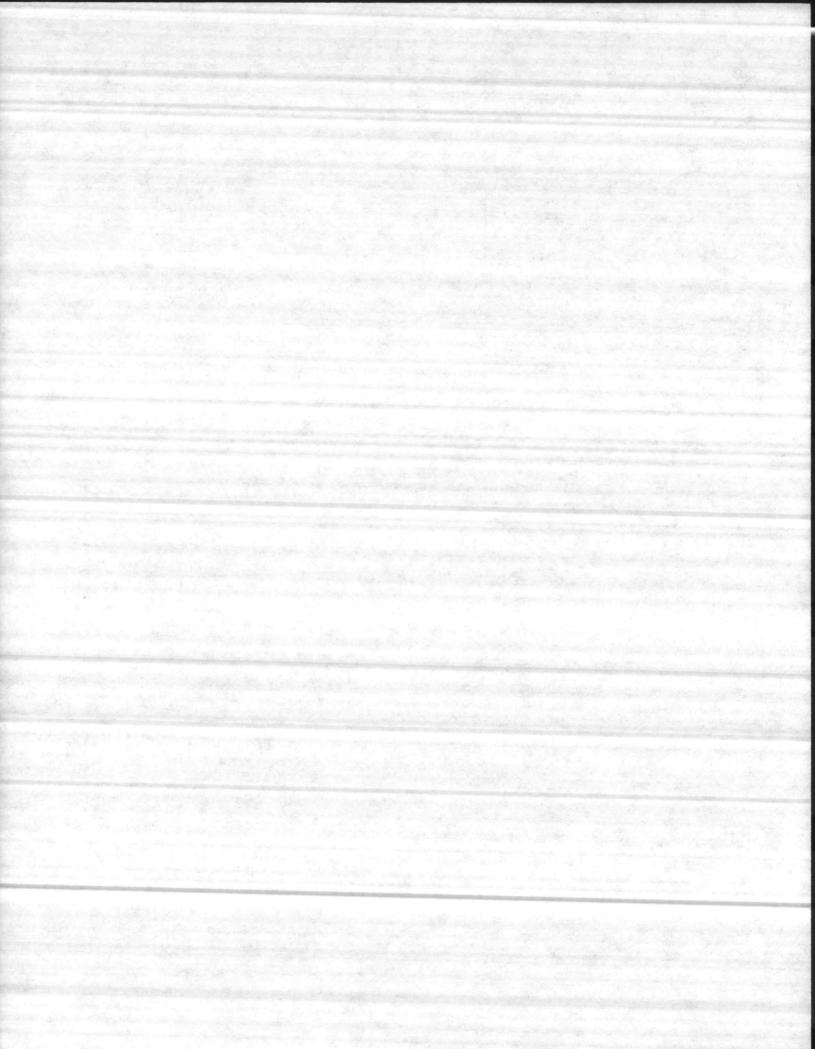




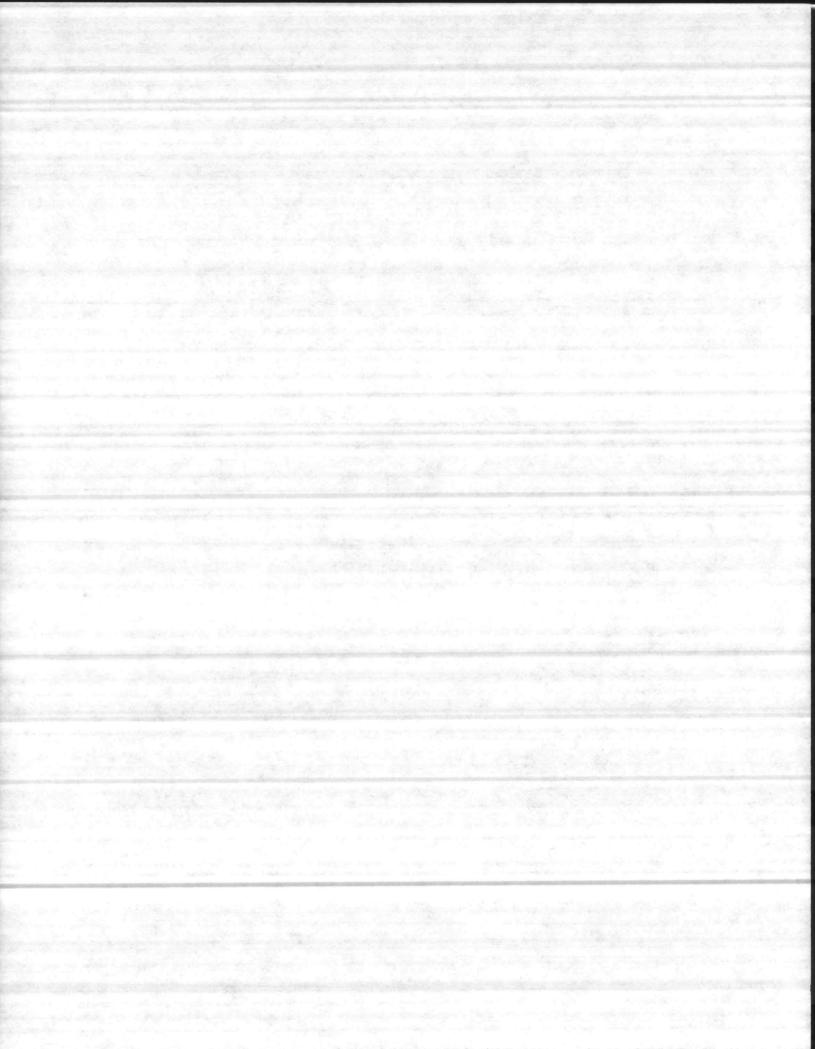
Date:	<u>Muna 7 1095 </u>					Control Programme	
Recorder Name: _	Jerry R. Rich						
Crew Names:	None Pilot:						
Co-Pilot:	Tona Crew Chief:						
Others:	None			3.30 Ten 13			
Weather: General	3-4-22-	∍ष देवदु है	2012	Cloud Cove	er <u>2000</u>	1111 4000 DVI	
Wind Speed	WSW 12-15 K			Sea Conditions White caps			
	Carlo	BEACH AE	RIAL SURVE			Et K	
Location	Crawls		Nests		Nest Predation		
	New	Old,	New	01d	New	01d	
Onslow Beach	0	0	0	0	0	0	
Browns Island	0	0	0	0	0	0	
Bear Beach	0	0	0	0	0	• 0	
		OCEAN AE	RIAL SURVE		tude <u>\</u>	00 Ft 60 K	
	Live Turtles			Dead Turt		es	
Bell Buoy from	Juvenile Adu		ts	One old dead turtle first seen 5-31-33 on Browns Isla One New dead turtle on			
Bogue Inlet to New River Inlet	0	0		She le Browns	Growns Island.		
Comments:							
		and the second s					



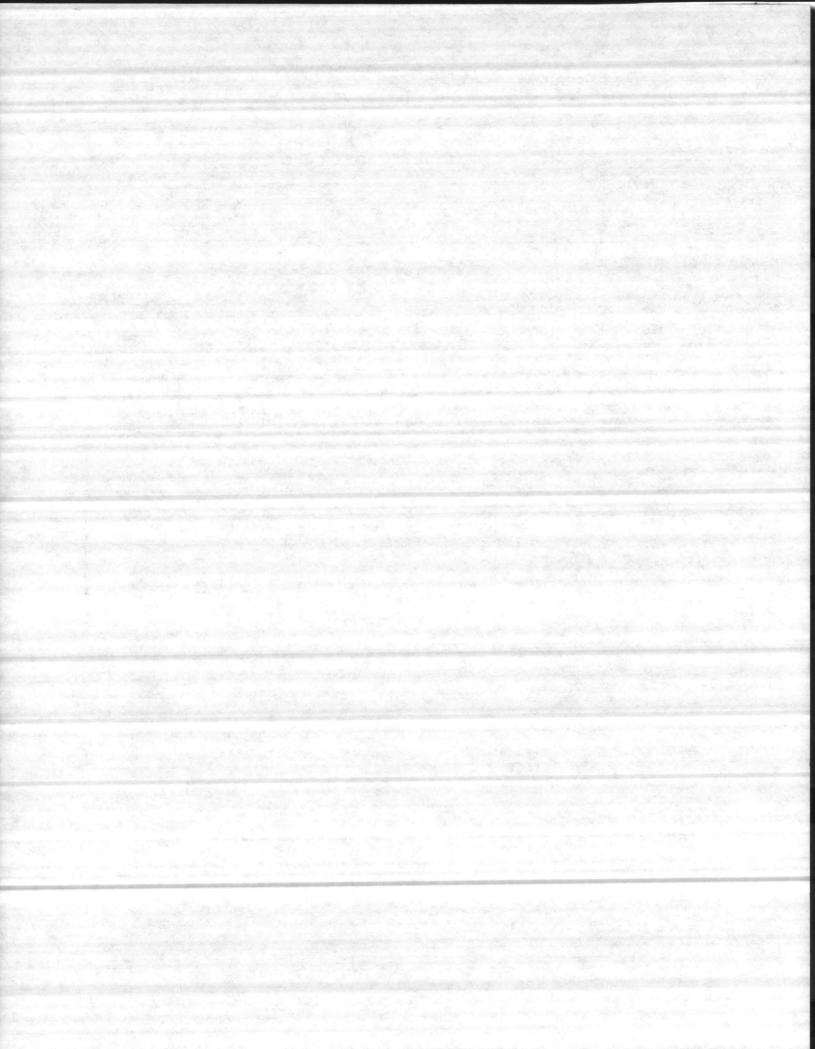


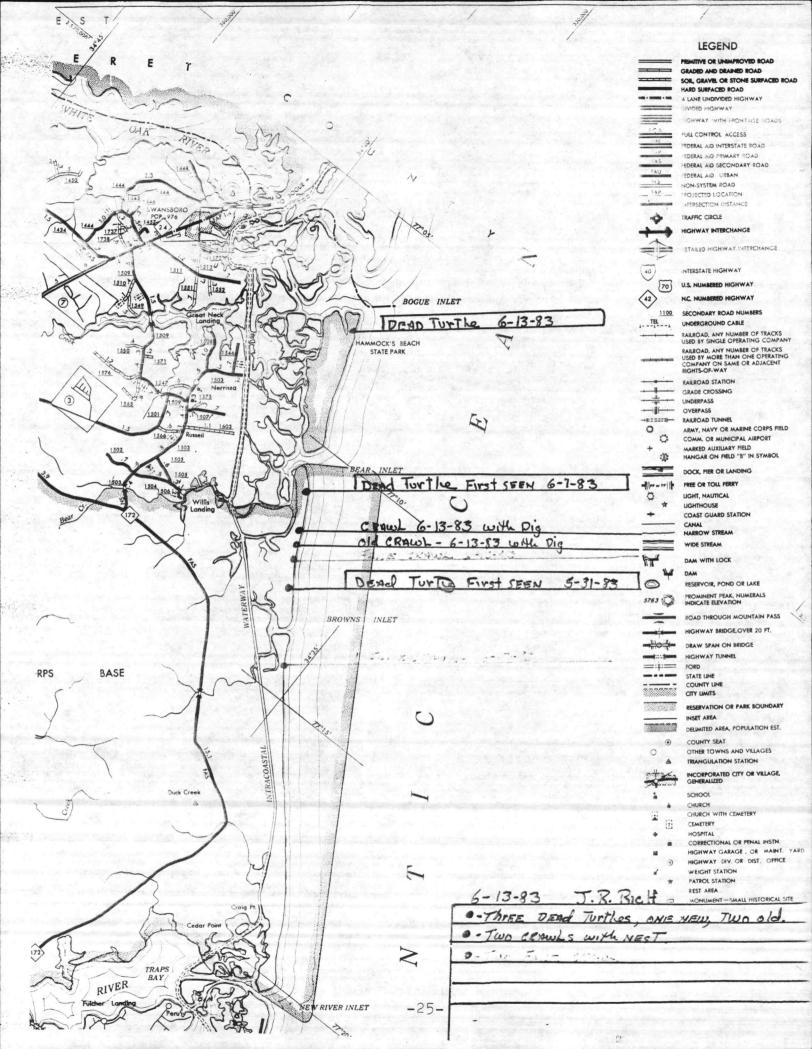


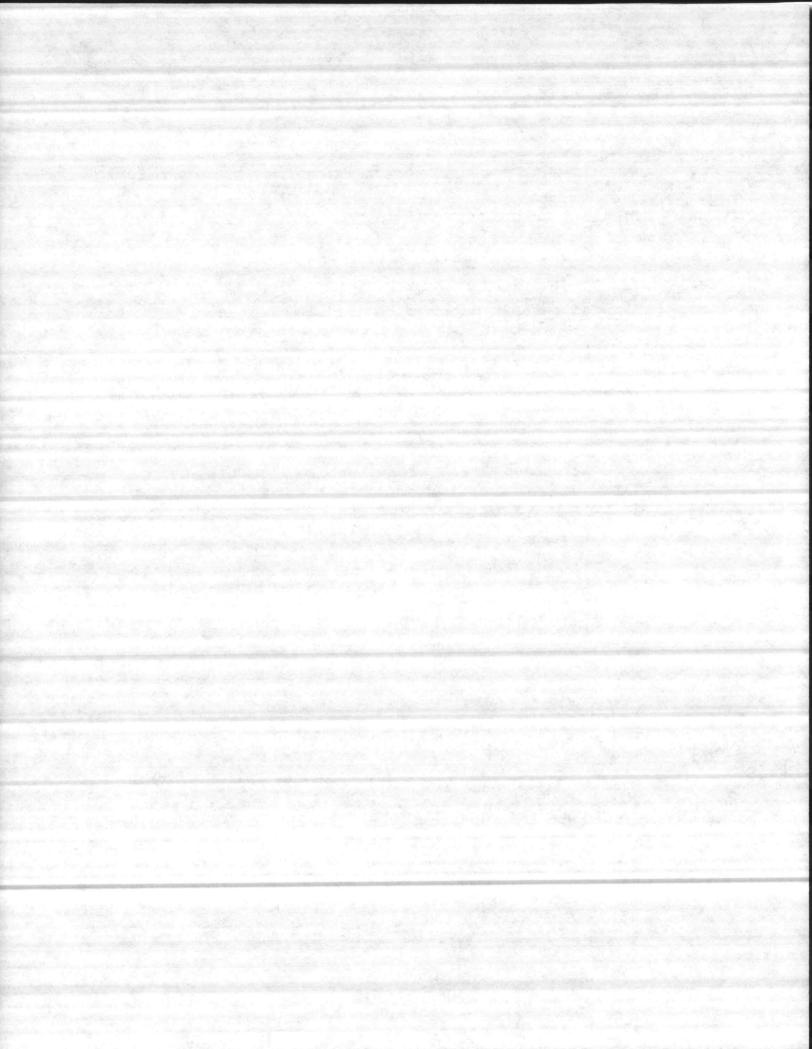
Jerry R. Rich								
None		Pilo	t: J, 2, Rich					
None Crew Chief: Tona								
None								
2 7113	es rein co	307	Cloud Cov	er <u>=00 0</u>	7.3			
N.E. 15-2	20 K	S	ea Conditi	ons White	caps			
	BEACH	AERIAL SURVE						
Cr	awls	Nests		Nest Predation				
New	01d,	New	01d	New	01d			
0	0	0	0	0	0			
0	0	0	0	0	0			
0	0	. 0	0	0	. 0			
	OCEAN	AERIAL SURVE	EYS Alt:	itude 20	00 Ft			
				Speed 6	0 K			
Live T	urtles		Dead Turtles					
Juvenil O	Street, Street		2 Dead Turtle on Br Bame two turtle see June 7 33					
	None None 2 mile N.E. 15-2 Cr New 0 0 1 Live T	None 2 miles main of None 2 miles main of None None 15-20 K BEACH Crawls New Old, 0 0 0 0 O O OCEAN	None Crew	None				



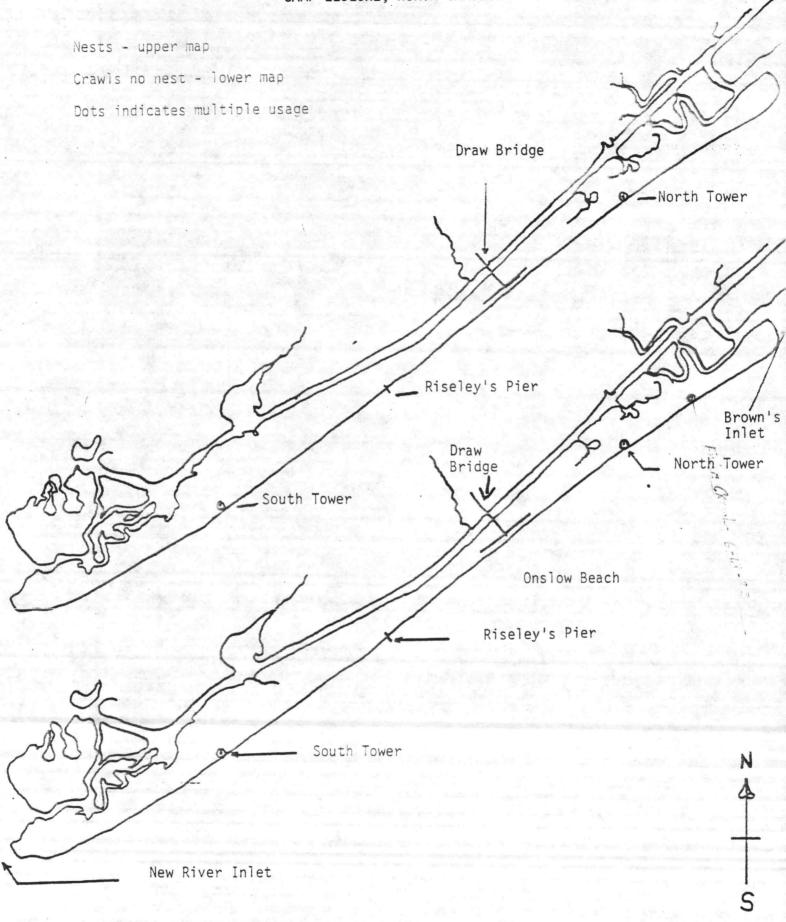
Date:	June 10 1	033	Time: S	S 28:01 F 08:01					
Recorder Name:	Jarry 3.	Rich	7,604						
Crew Names:	Tone		Pilo	t: <u> </u>	: Ston				
Co-Pilot:	- 10 J	10 May 1	Crew	ew Chief: x					
Others:	Mone								
Weather: Genera	1 <u>Clear</u>	10 miles	J7734	Cloud Cove	er <u>07 an</u> :	•			
Wind Speed	NE 5 K		S	ea Conditions Light shop					
BEACH AERIAL SURVEYS Altitude 100 Ft. Air Speed 60 K									
Location	Cr	awls	Ne	ests	Nest P	redation			
	New	01d	New	01d	New	01d			
Onslow Beach	1	0	0	0	0	0 .			
Browns Island	1	0	1	1	0	0			
Bear Beach	0	0	0	0	o	0			
		OCEAN	AERIAL SURVE	-13	tude <u>300</u> Speed <u>60</u>				
	Live T	urtles		Dead Turtles					
Bell Buoy from Bogue Inlet to New River Inlet	Juveni l	Juvenile Adult		2 dead	Bear Beach Browns Island eported June				
Comments:									

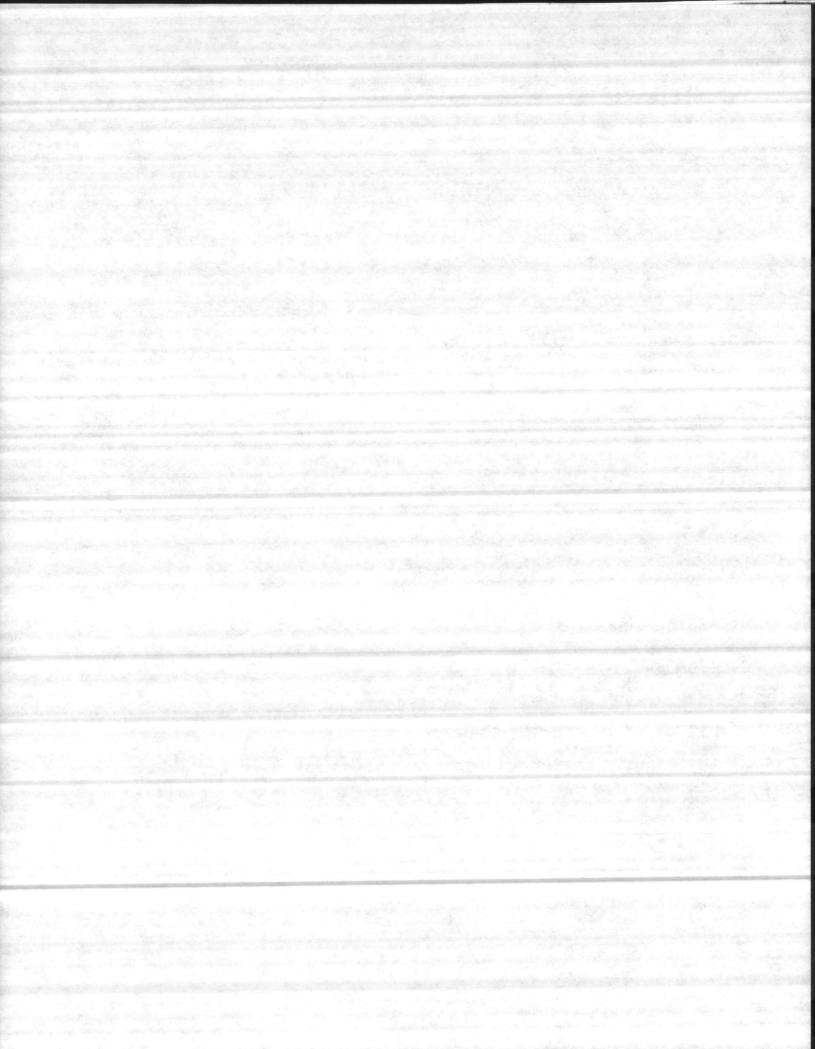




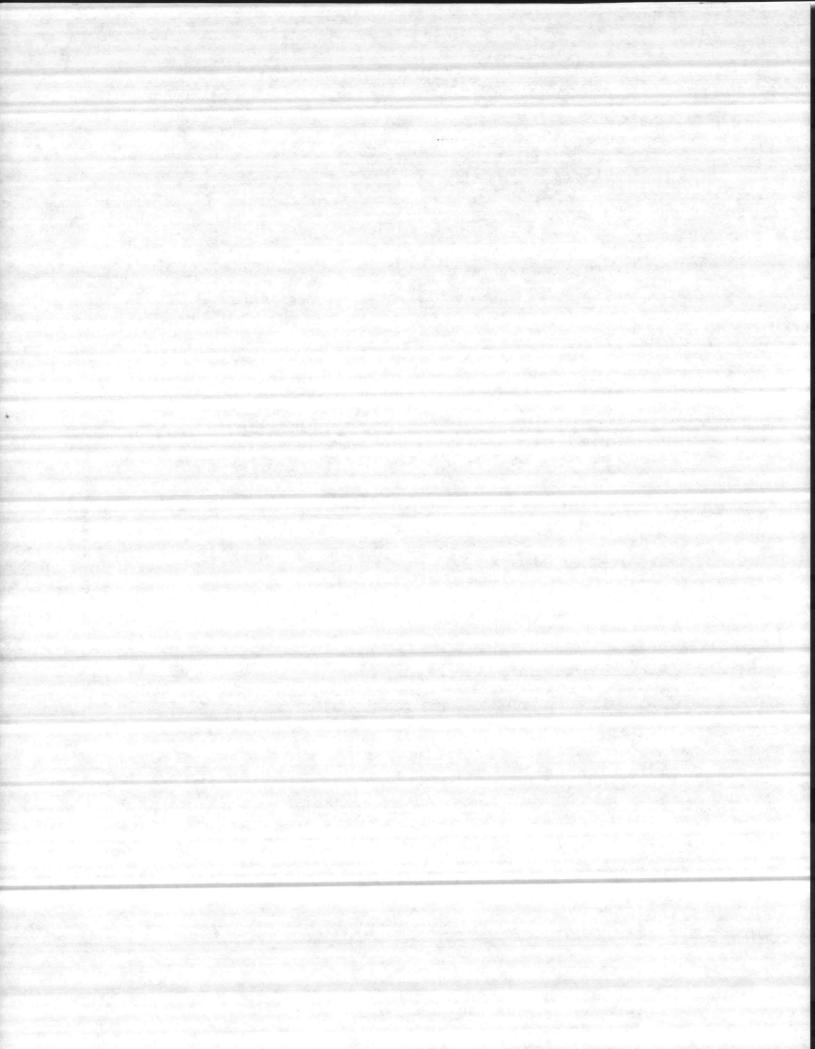


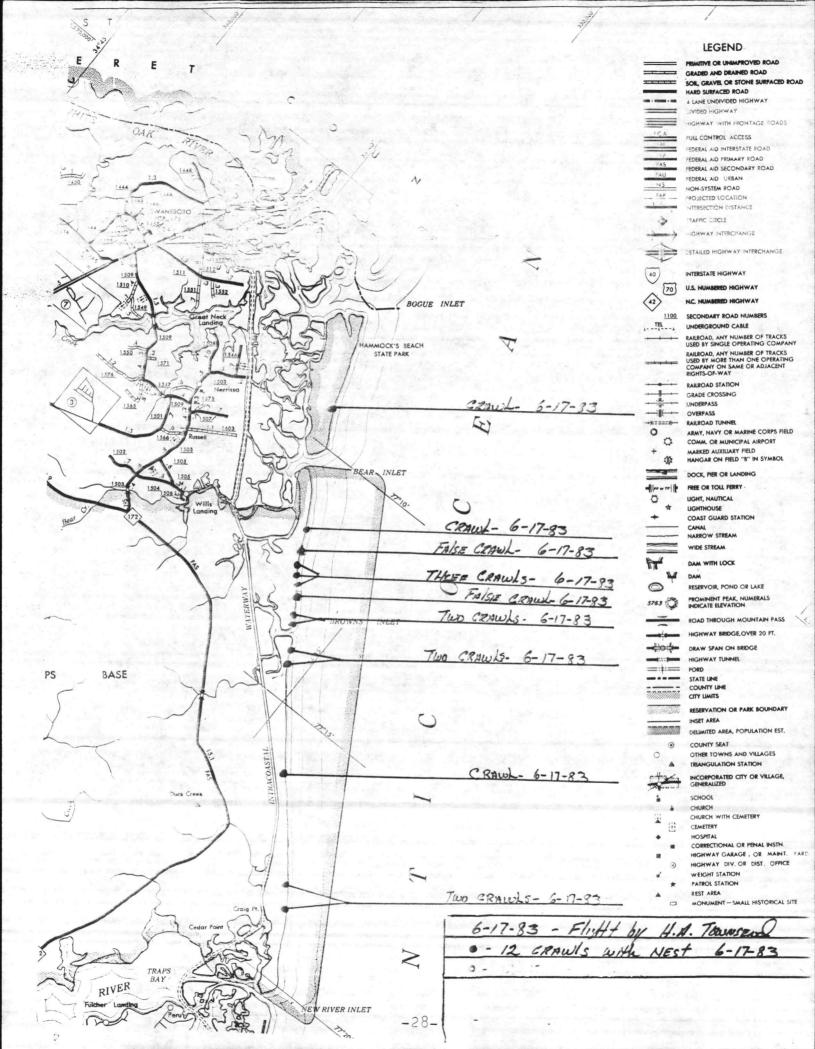
NEST AND CRAWL ACTIVITY ONSLOW BEACH, MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

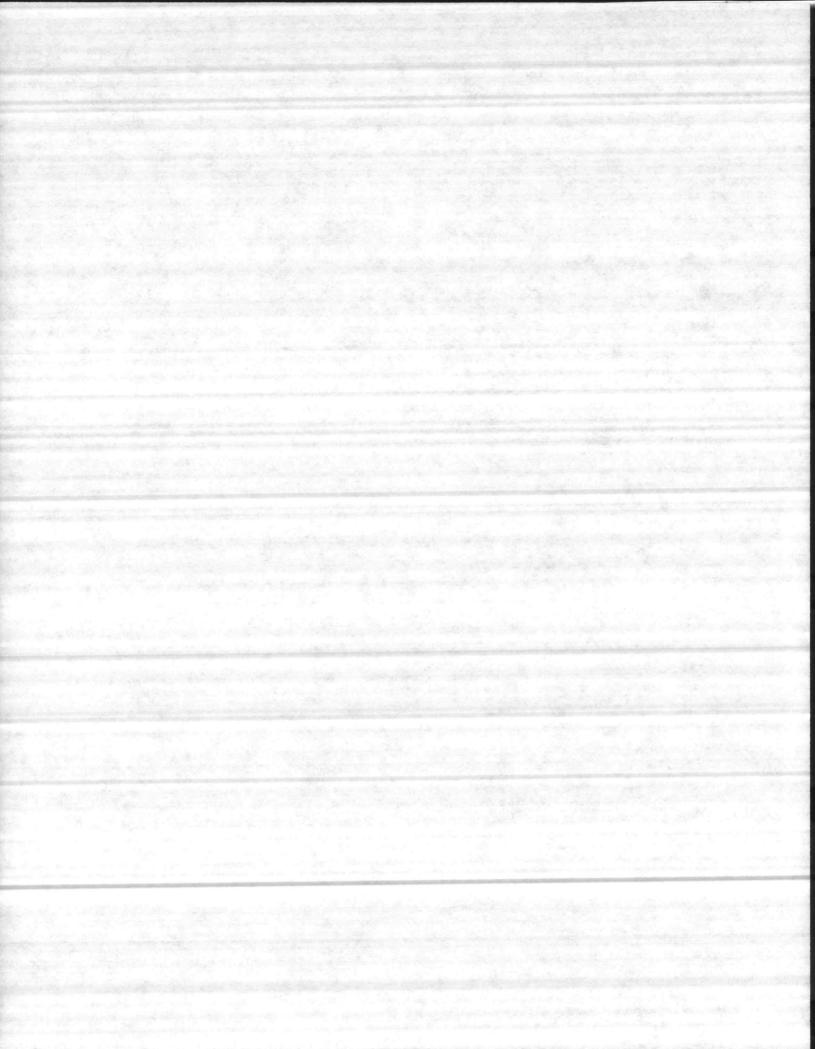


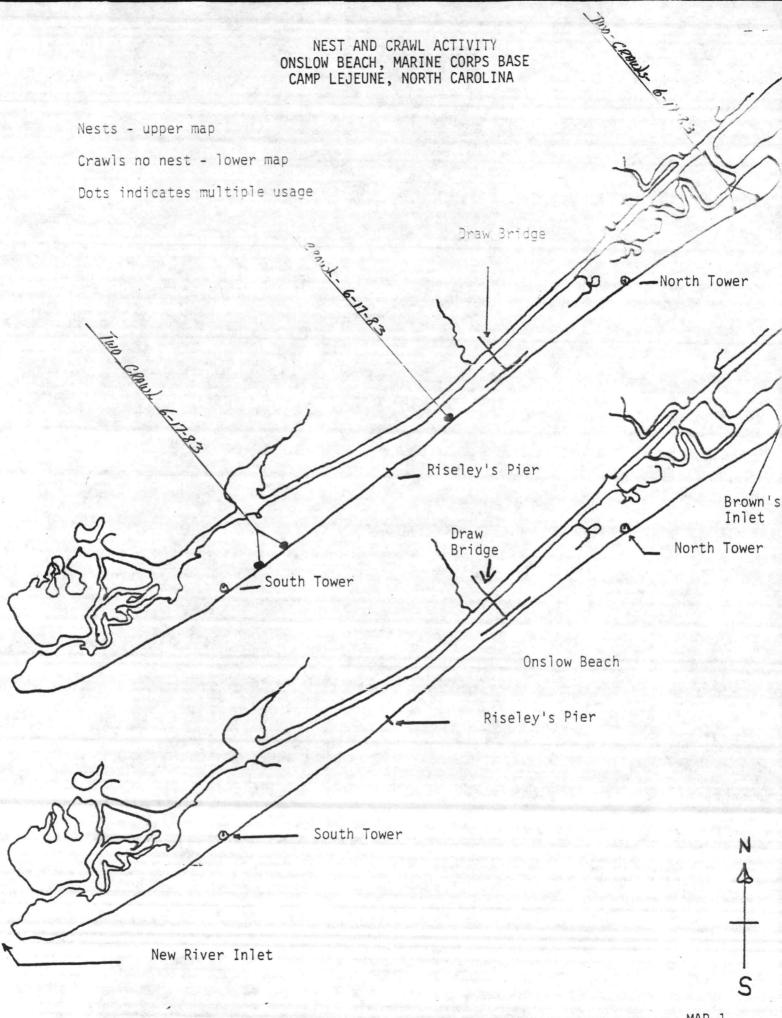


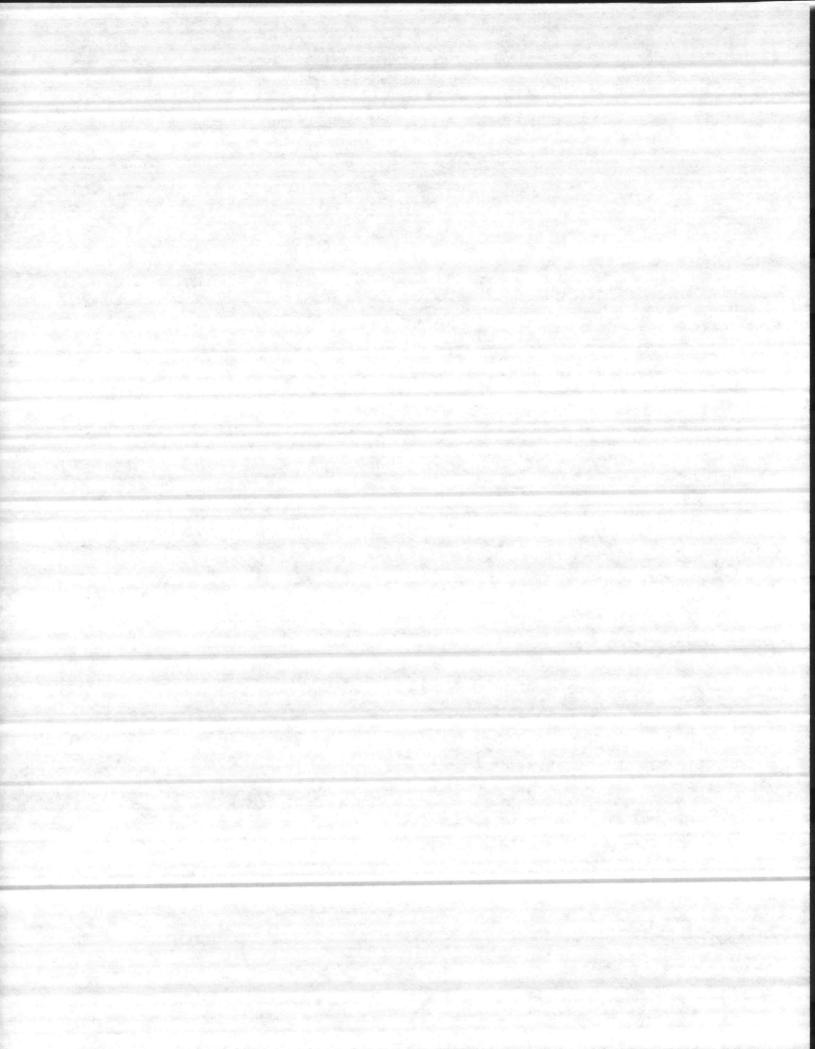
Date:	7mm = 17 35 Time: S		15,100	F 2001					
Recorder Name:	H. A. To	ov n send	To the second						
Crew Names:	None		Pilo	ot: E. L. Corngand					
Co-Pilot:	Jona		Crew	Chief: Taxa					
Others:	None	4728							
Weather: General		les for		Cloud Cover olean					
Wind Speed	calm Sea Conditions Calm								
	BEACH AERIAL SURVEYS Altitude 100 Ft Air Speed 60 K								
Location	Crawls		Ne	Nests		edation			
	New	01d	New	01d	New	01d			
Onslow Beach	0	0	5	0	0	0			
Browns Island	2	0	6	0	0	Ó			
Bear Beach	0	0	1	0	0	0			
		OCEAN A	ERIAL SURVE		tude <u>1400</u>	Ft			
1000				Air S	Speed <u>60</u>	K			
	Live Tur	rtles		1	Dead Turtles				
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile O	O Adults O O		0					



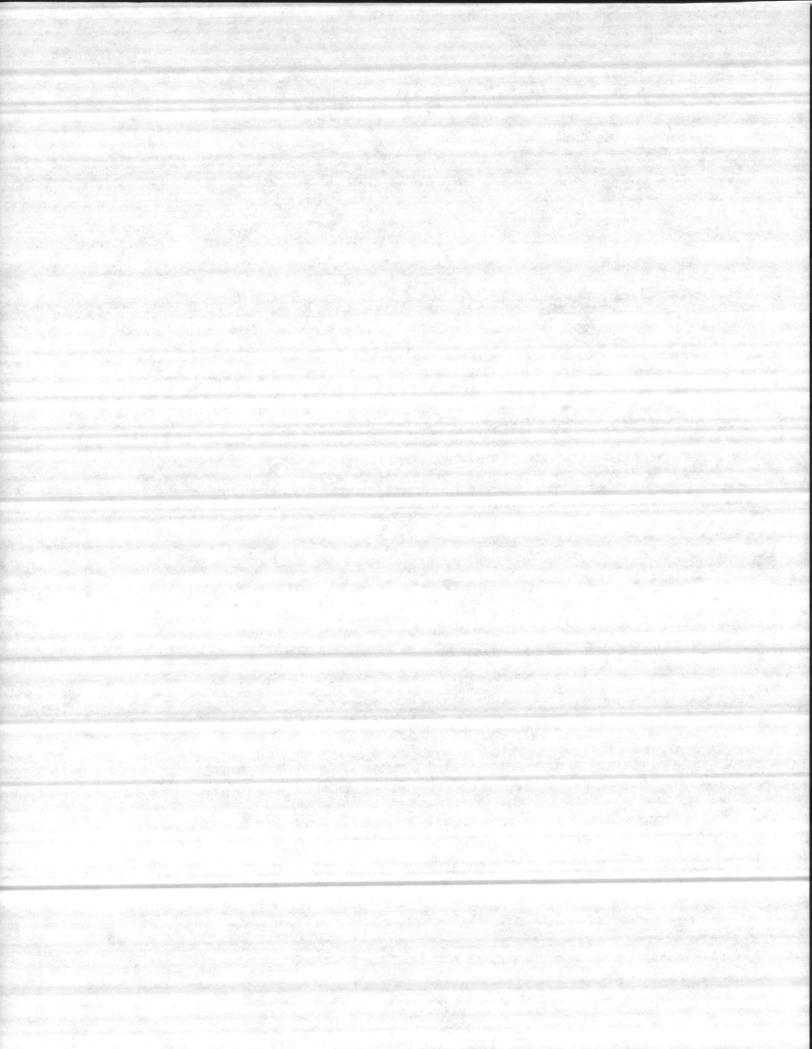


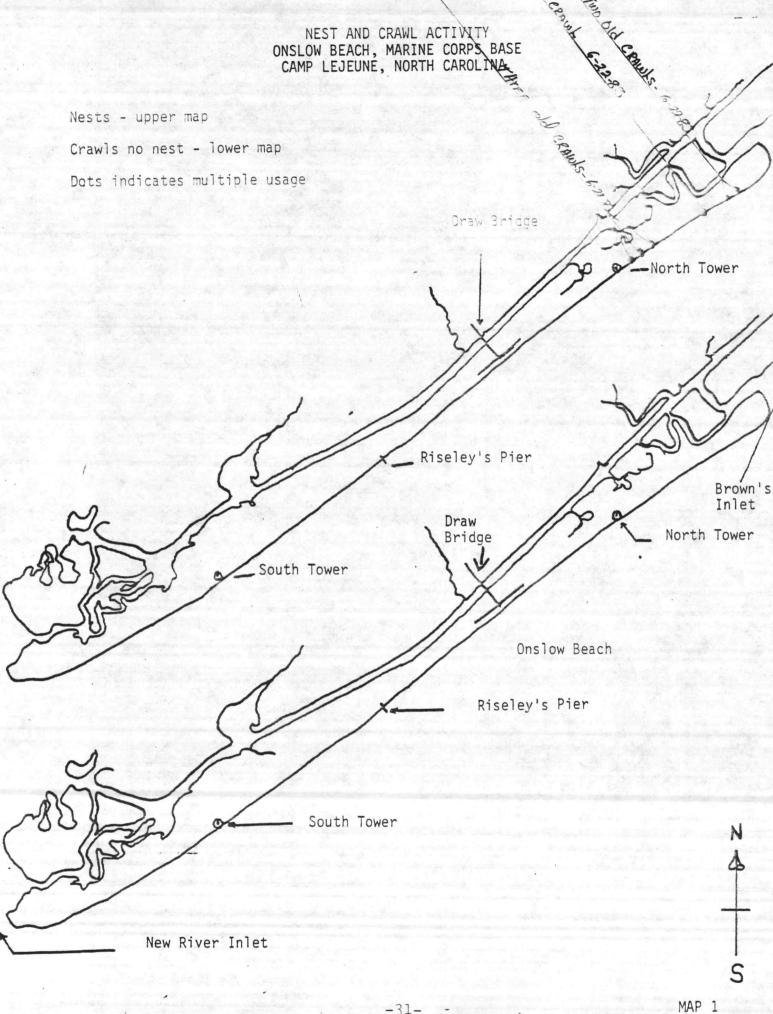


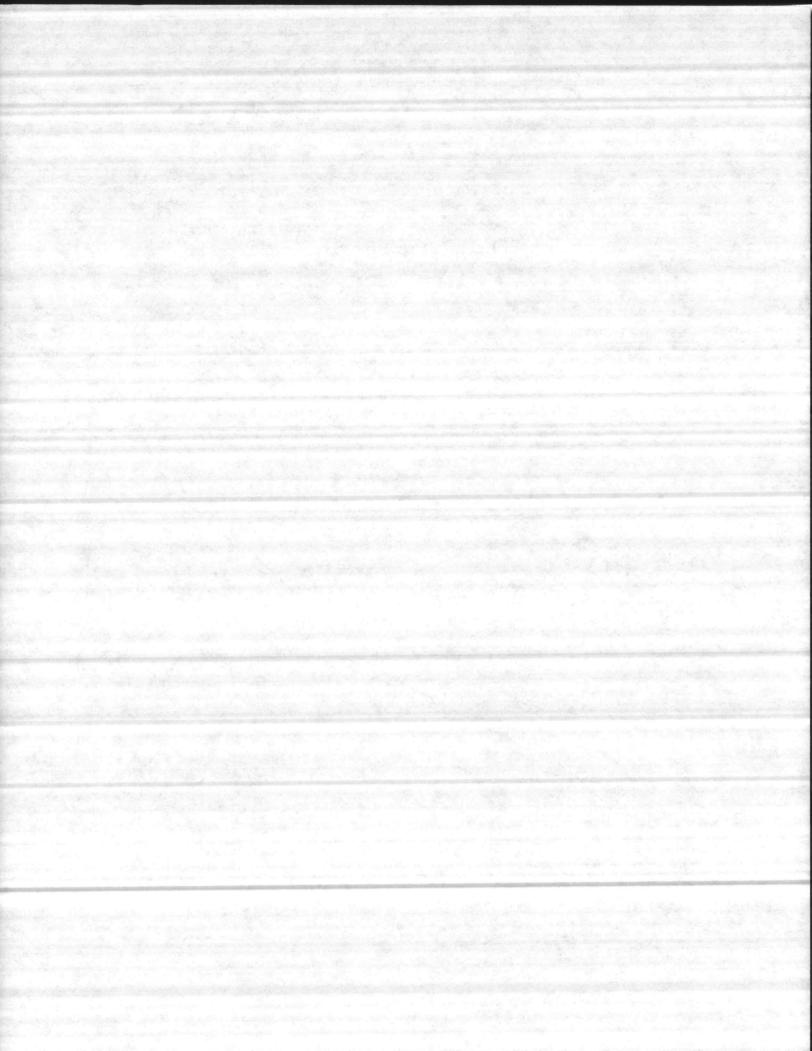


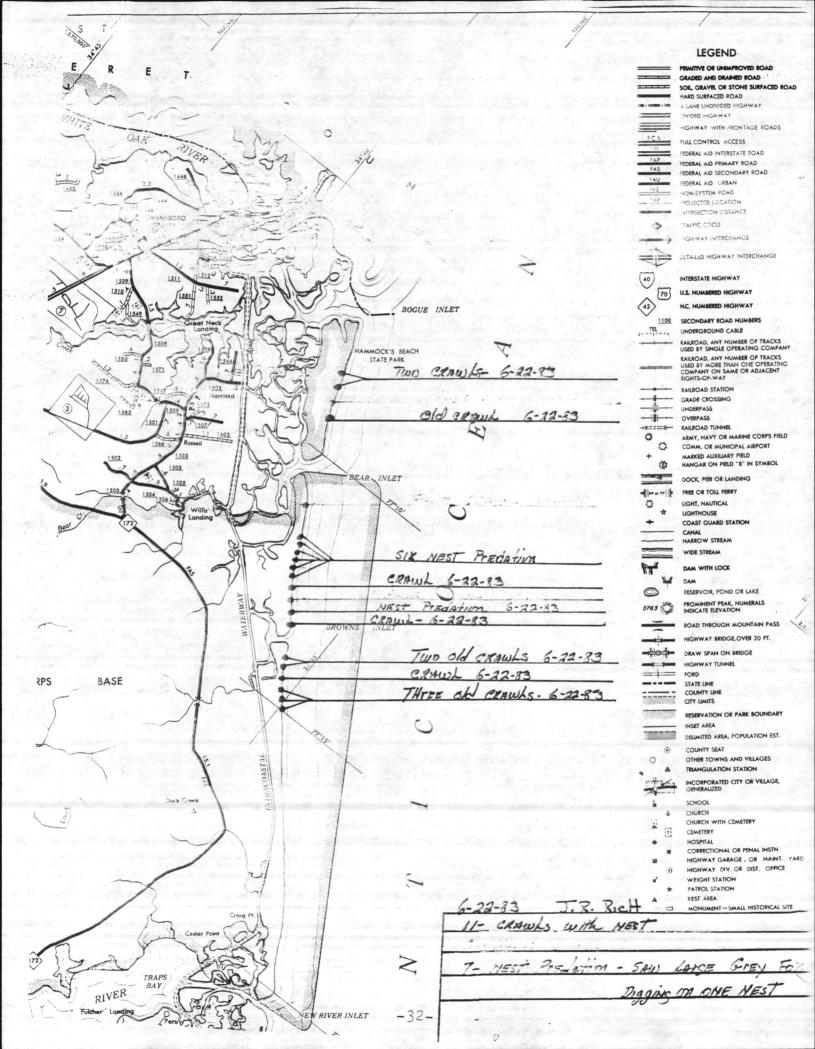


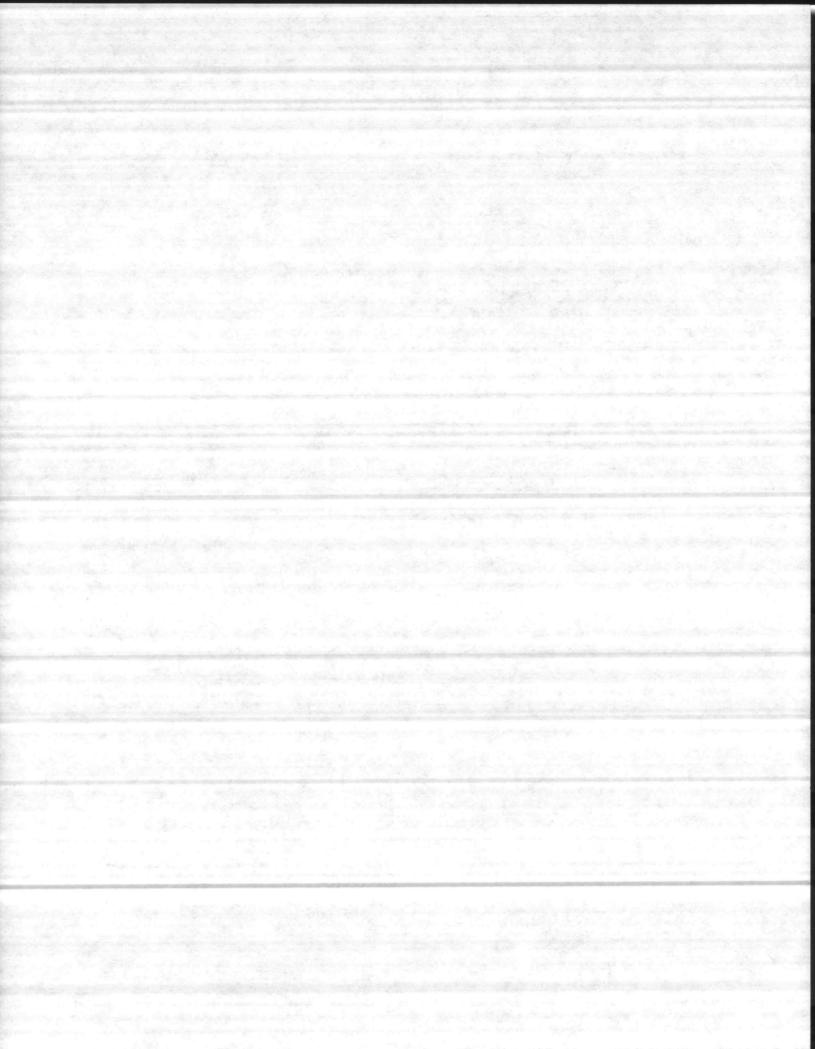
Date:	June 2	June 22 33 Time: S 06:05 F 09:19						
Recorder Name: _	Janny	R. Rich						
Crew Names:	None		Pilo	t:	: J. R. Rich			
Co-Pilot:	Mone		Crew	Chief: _	Chief:			
Others:	Jone							
Weather: General	3 mile	s Tis.		Cloud Cov	Toud Cover			
Wind Speed	NW 8-1	2 K	S	ea Conditi	ons Mod	chop		
		BEACH AERIAL SURVEYS Altitude 100 Ft Air Speed 60 K						
Location	Cr	awls	Ne	sts	Nest Pi	lest Predation		
	New	01d	New	01d	New	01d		
Onslow Beach	0	0	1	5	0	0		
Browns Island	2	0	2	7	7	0		
Bear Beach	1	0	2	1	0	0		
		OCEAN A	ERIAL SURVE		tude	300 Ft 60 K		
	Live To	urtles			Dead Turtles			
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None	Juvenile Adults None None			None			
Comments:	Saw one la	arge grey	fox diggi	ng out eg	ggs on Bro	owns Island		



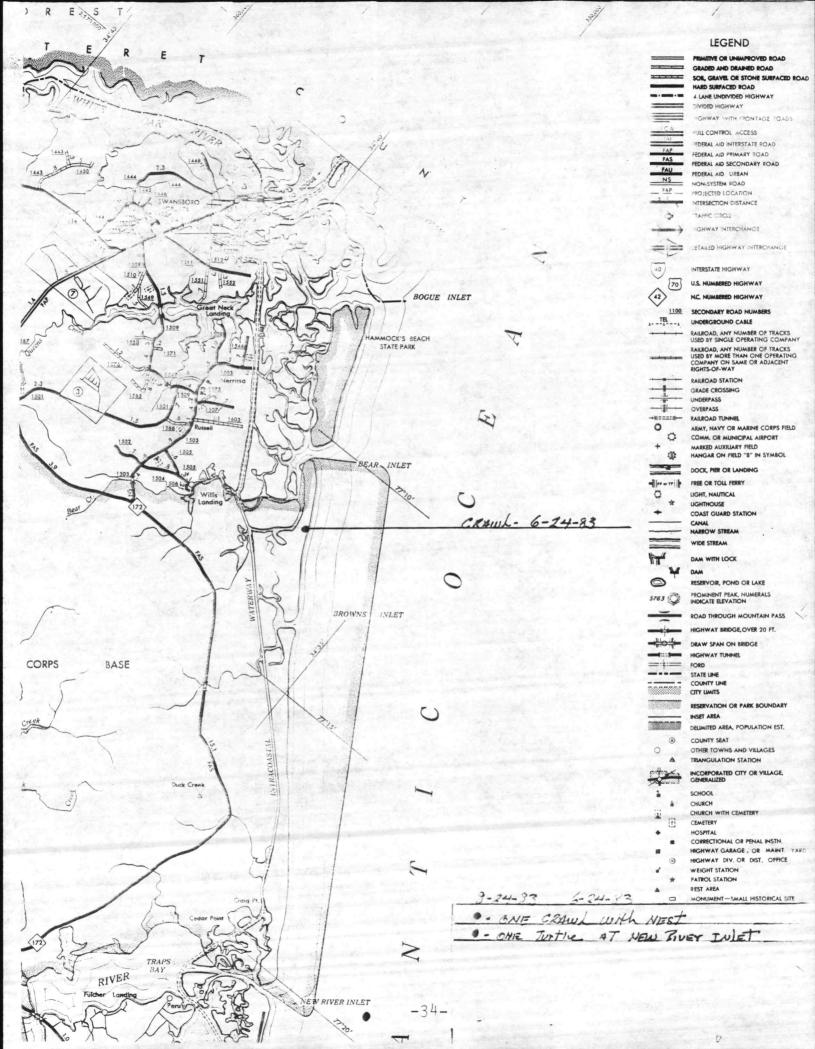






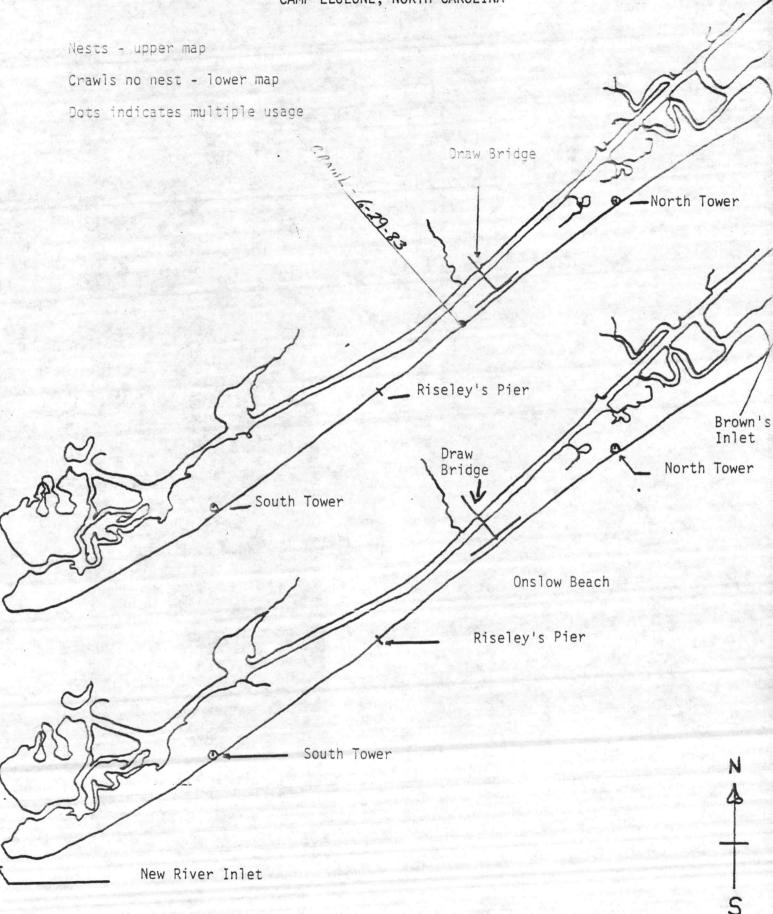


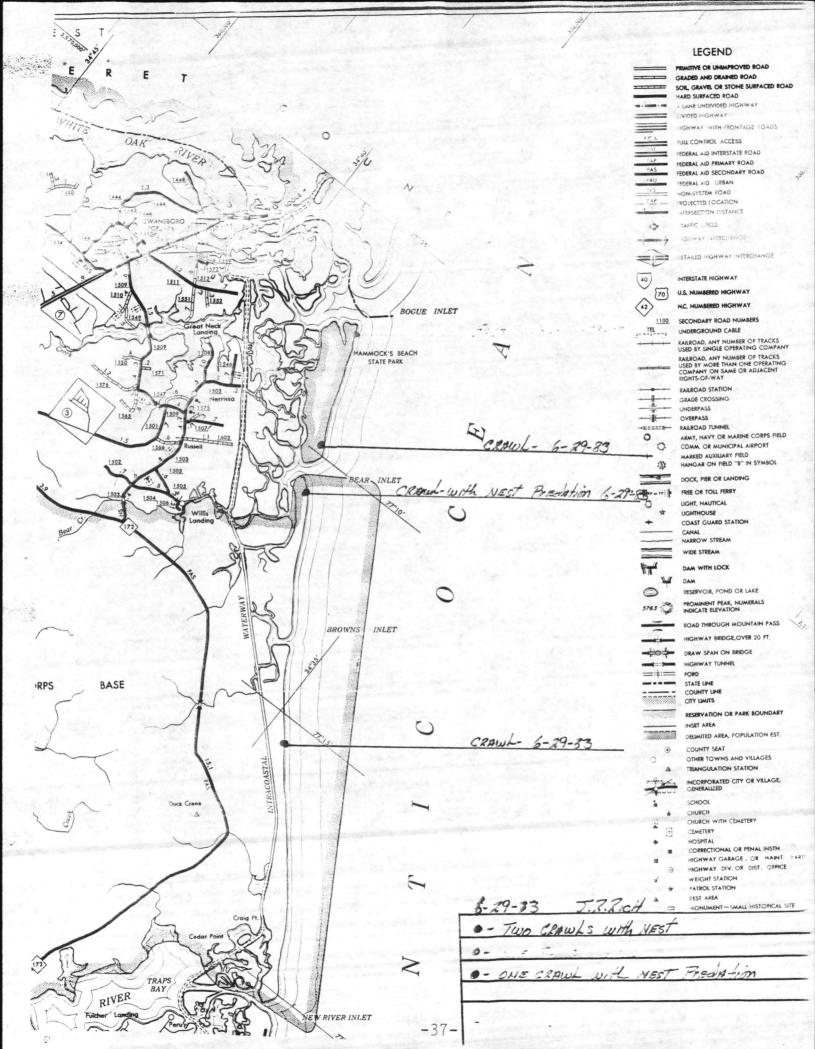
Jacc	- Juna m	N 35	Time: S	F 52 F 6				
Recorder Name:	Jerry	3. Blob						
Crew Names:	None		Pilo	t: J. R. Rich				
Co-Pilot:	Tone		Crew	Chief: Tome				
Others:	Topa							
Weather: General	II ÷to	÷ 713 30	lg	Cloud Cov	er <u>II 200</u>	it ove		
Wind Speed	NE les	s than 5	5 K S	ea Conditi	ons Ca	alm		
		BEACH A	AERIAL SURVE		tude 10			
Location	Crawls		Ne	sts	Nest Pi	Nest Predation		
	New	01d	New	01d	New	01d		
Onslow Beach	0	0	0	0	0	0		
Browns Island	0	0	1	0	0	0		
Bear Beach	0	0	0	0	0	0		
	A ALLA A							
		OCEAN A	AERIAL SURVE	10	tude 20	0 F,		
	Live Tur	tles		Dead Turtles				
Bell B _{loy} from Bogue Inlet	Juvenile	Adu	Adults		0			
	0	0 1						



Date:	Time: S F Time: S F							
Recorder Name:	Jarre 3, 3	tan						
Crew Names:	lone .		Pilo	t: <u>Jerry</u> R. Rich				
Co-Pilot:	<u>Ione</u>		Crew	Chief:	Chief:			
Others:	īnga -							
Weather: General	5 7113	ट १९७४		Cloud Cove	er5000	3'cn		
Wind Speed	SW 12-15 K		S	Sea Conditio	ons Whit	e Caps		
		BEACH	AERIAL SURVE		ude <u>100</u> peed <u>60</u>			
Location	Crawls		Nests		Nest Predation			
	New	01d,	New	01d	New	01d		
Onslow Beach	0	0	1	0	0	0		
Browns Island	0	0	1	0	1	0		
Bear Beach	1	0	1	0	0	. 0		
		OCEAN	AERIAL SURVE			+00 Ft		
				Air S	Air Speed 60 K			
	Live Tu	rtles		D	Dead Turtles			
Bell Buoy from	Juvenile	Ad	ults					
Bogue Inlet to New River Inlet	None	11	one		None			
Comments:	Taxana ayan ayan a							
			Salar Salar					

NEST AND CRAWL ACTIVITY ONSLOW BEACH, MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

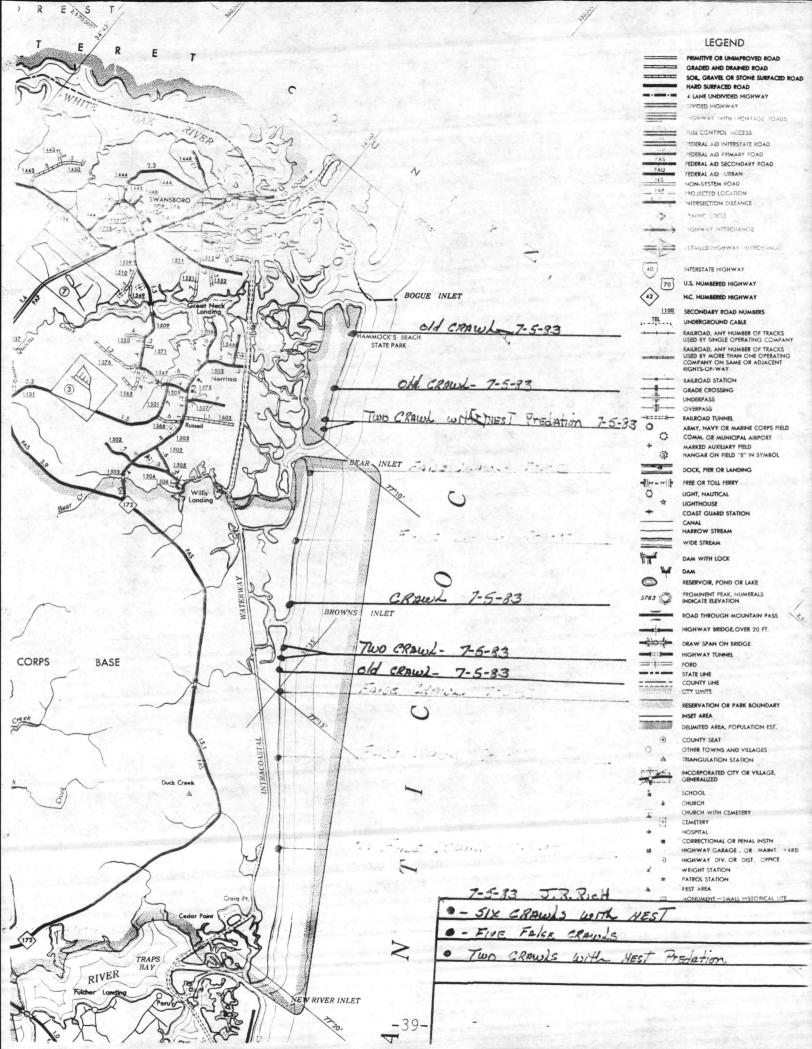


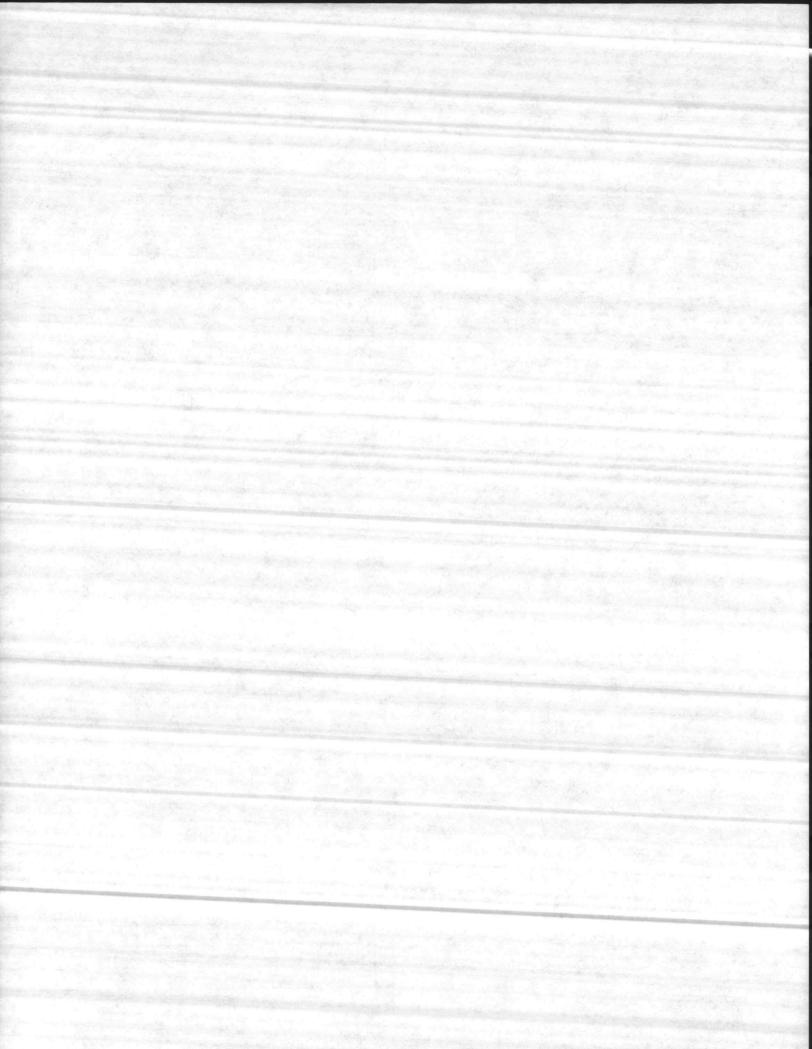


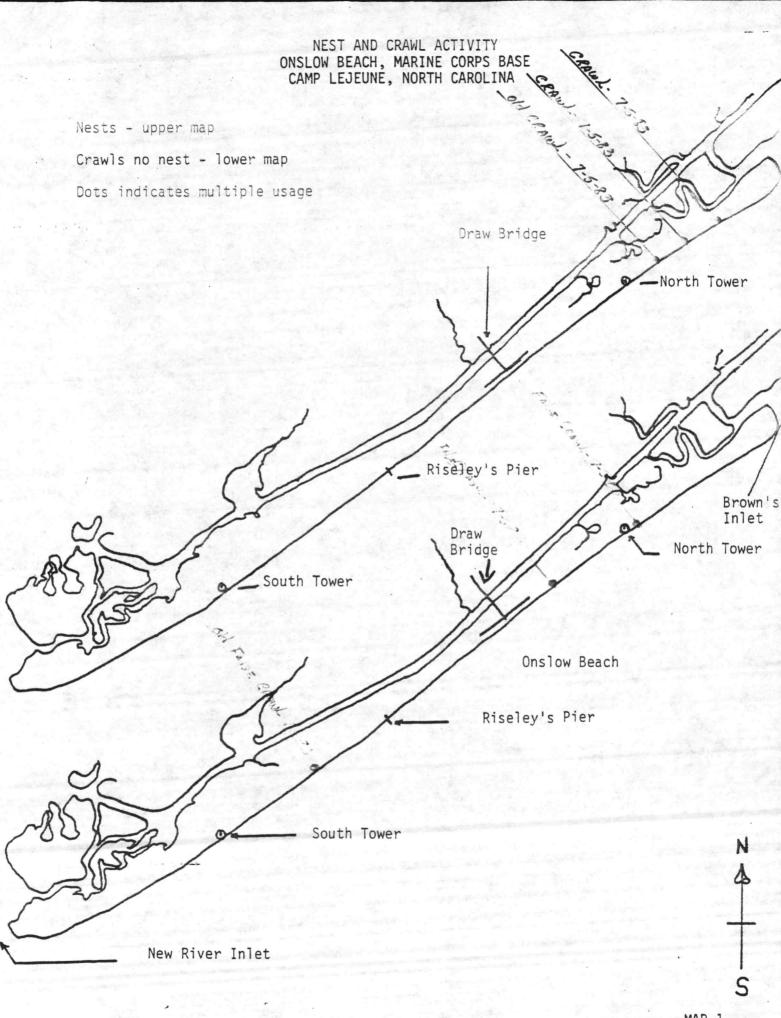
Committee of the Commit
The state of the s

Date:	7-1 1	?-	Time: S	25.0	F	09**0	
Recorder Name: _	Jenny	3. 34 an					
Crew Names:	None Pilot: J. R. Rich						
Co-Pilot:	Crew Chief: <u>None</u>						
Others:							
Weather: General		g 20g 2 T	329	Cloud Cov	er <u>2000</u>	SCT	
Wind Speed	W-7K		S	ea Conditi	ons <u>Ligh</u>	t chop	
		BEACH A	AERIAL SURVE		oude 100 Speed 60		
Location	Cr	awls	Nests		Nest Predation		
	New	01d,	New	01d	New	01d	
Onslow Beach	2	1	2	1	0	0	
Browns Island	2	0	1	0	0	0	
Bear Beach	0	0	-2	2	2	0	
		OCEAN A	AERIAL SURVE		tude 14	00 Ft 60 K	
	Live T	urtles		4	Dead Turtles		
Bell Buoy from	Juvenil	e Adu	ults				
Bogue Inlet to New River Inlet	None	No	ne		Mone		
Comments:							

[발생님: [10] [11] [12] [14] [14] [14] [14] [14] [14] [15] [15] [16] [16] [16] [16] [16] [16] [16] [16
[20] 스트웨어 [1] - [2021]
보고 있는데 보고 있는데 있다. 이 사람들은 사람들은 사람들은 사람들이 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
[18] : [18] [18] : [18] [18] : [18] [18] [18] [18] [18] [18] [18] [18]
를 하는 이번 호텔의 보고 있는 것도 되었다. 이번 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
[50 m man
보는 보고 있는 것이 되었다. 그는 것이 되었다는 것으로 가장하는 경영에 보고 있었다. 그 사람들은 보고 있다. 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 그는 것



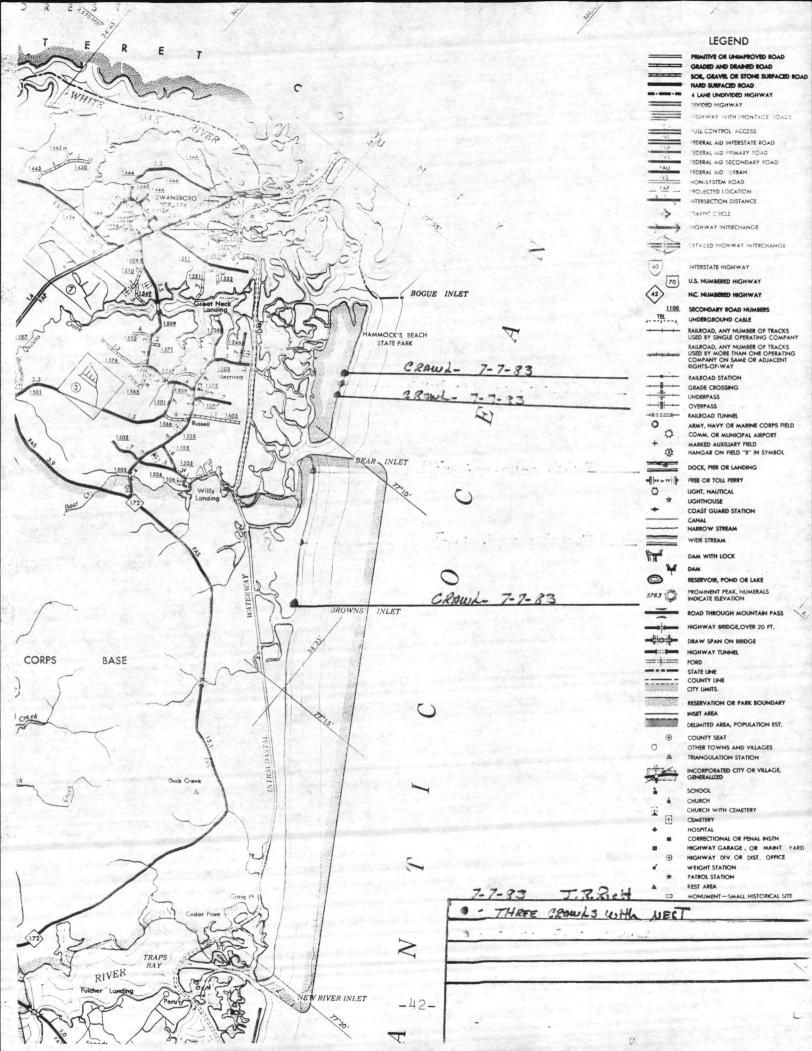




마음이 가는 것이 되었습니다. 그는 이 가는 이 가는 이 사람들이 되었습니다. 그는 사람들이 되었습니다. 그는 사람들이 되었습니다. 그는 사람들이 가는 것이 되었습니다. 그는 사람들이 되었습니다. 그는 사람들이 가는 사람들이 가는 사람들이 되었습니다. 그는 사람들이 되었습니다.
사람들은 사람들이 되었다. 그리는 이 경기에 가는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
하는 사람들이 아니라 가는 사람들이 되었다. 그는 사람들이 가는 사람들이 되었다면 하는 사람들이 되었다. 그는 사람들이 되었다면 하는 것이 되었다.
[20] [20] [20] [20] [20] [20] [20] [20]
[2] 사용하다 19 12 12 12 12 12 12 12 12 12 12 12 12 12

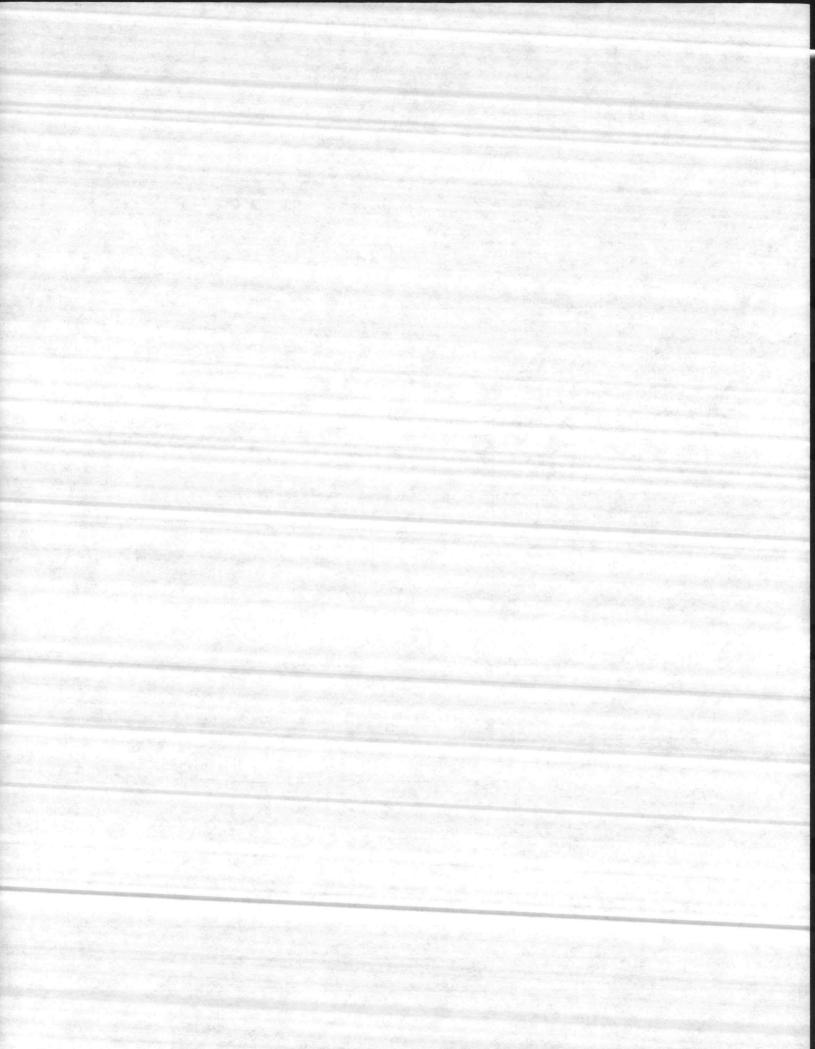
Date:						
Recorder Name: _						
Crew Names:	None	ot: J, R, Rich				
Co-Pilot:	Crev	ew Chief:				
Others:	Tone					
Weather: General	2000 50	T <u> </u>	s haze	Cloud Cov	er	go adu.
Wind Speed						
		BEACH	AERIAL SURVE	YS Alti	tude 10 Speed 5	o f ^T
Location	Crawls		Nests		Nest Predation	
	New	01d	New	01d		01d
Onslow Beach	0	0	0	0		0
Browns Island	2	0	1	0	0	0
Bear Beach	1	0	2	0	0	0
		OCEAN	AERIAL SURVE		Market Street	00 FT 60 K
	Live Tu	rtles			Dead Turtle	S
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None		ults		None	
Comments:	7		Age Regis 20 School	4 2 2 3		

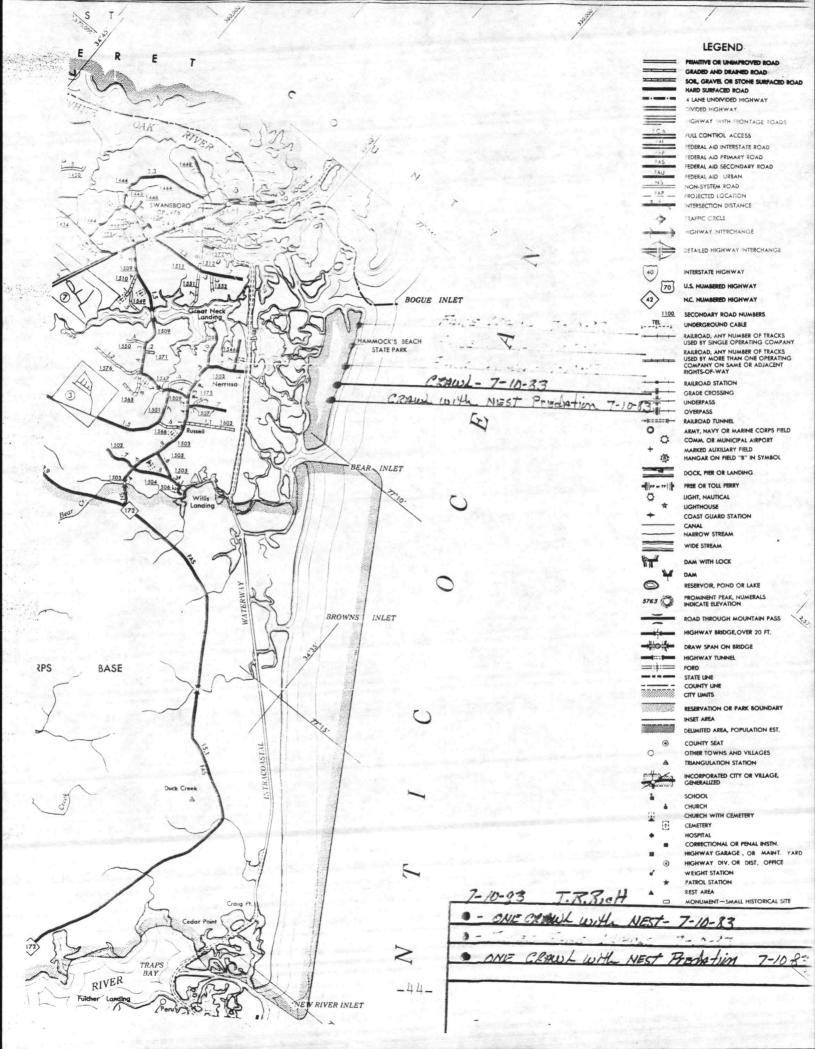
[1] 그런 사람이 되는 사람들이 가장되었다면 보고 있는 것이 되었다. 그는 사람들이 되었다면 가장 보고 있는 것이 되었다면 하는데 되었다.
5하는 보는



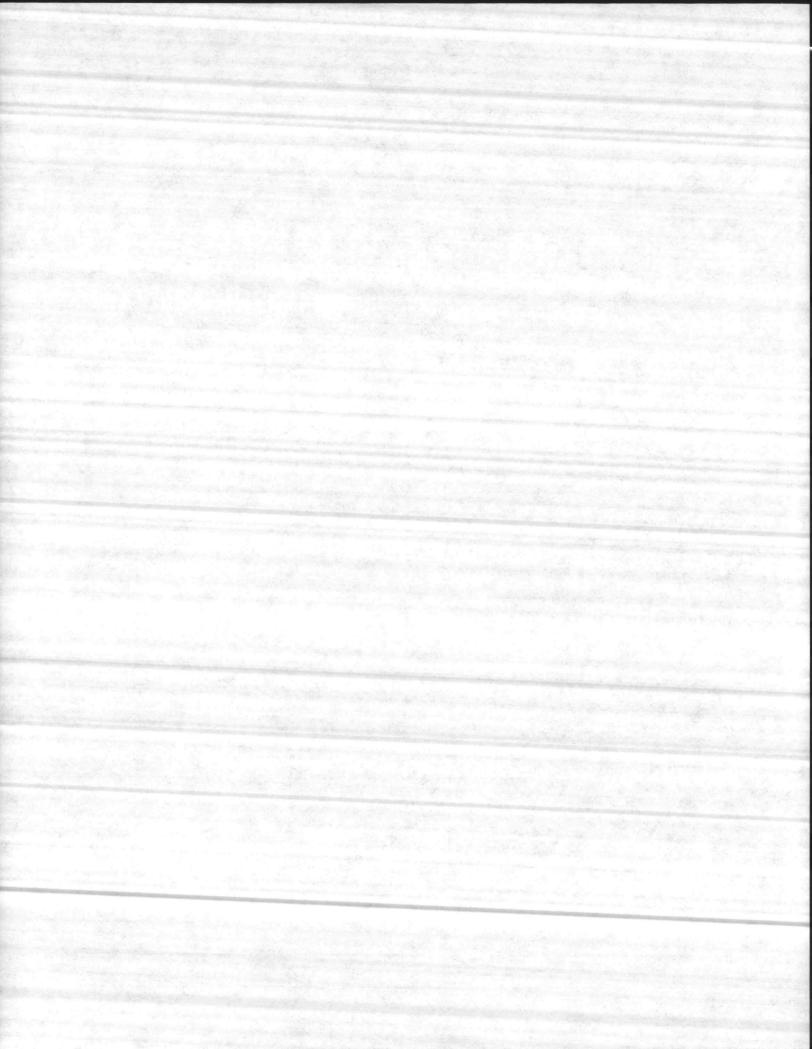
The second secon
the state of the s
The state of the s
The second secon
and the second s

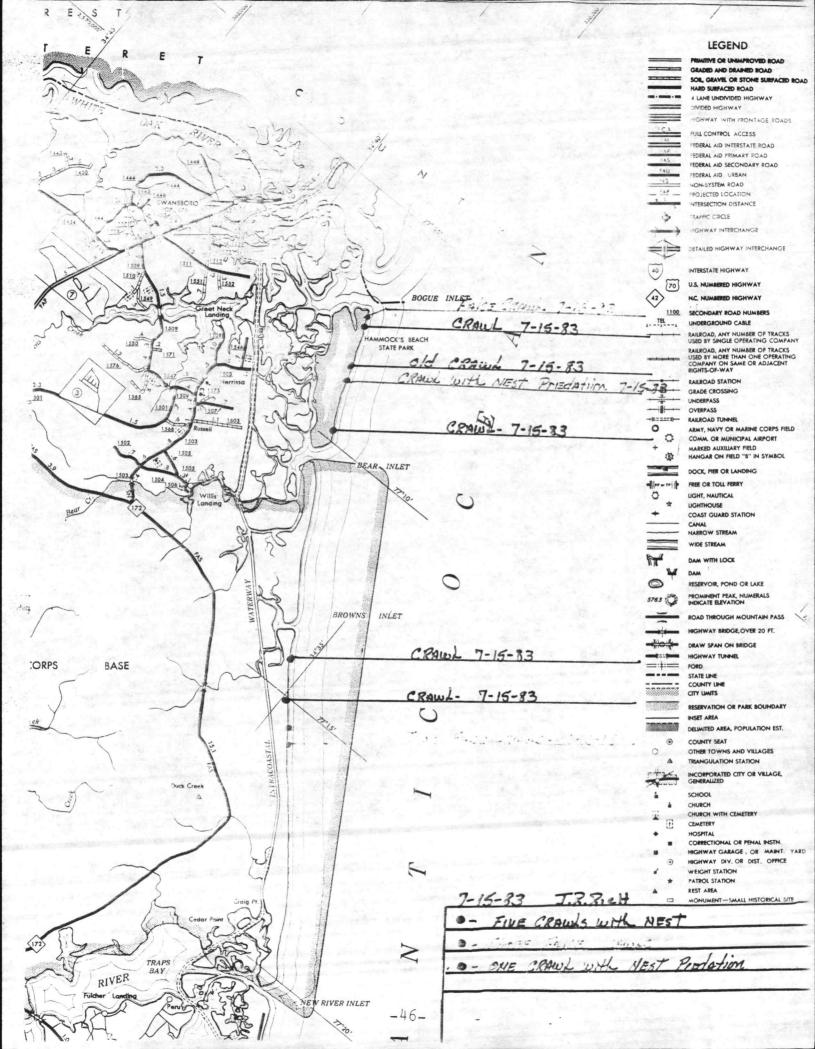
Date:	J. e. J. e.	0 32	Time: S	35.0	2 F	12-100	
Recorder Name:	Janne	R. Rich	Alexander of the second			1	
Crew Names:	None		Pilo	::			
Co-Pilot:	Tone		Crew	Chief: Lone			
Others:	Total						
Weather: Genera	1 <u>5 mil</u>	es baze C	: jog	Cloud Cov	er <u>1000</u>	0 301	
Wind Speed	W 5-7	K	S	ea Conditi	ons <u>Ligh</u>	t Chop	
		BEACH	AERIAL SURVE	YS Altit Air S			
Location	Crawls		Nests		Nest Predation		
1. 16 m 1 m 1 m 1 m	New	01d,	New	01d	New	01d	
Onslow Beach	0	0	0	0	0	0	
Browns Island	0	0	0	0	0	0	
Bear Beach	3	0	. 2	0	1	. 0	
		OCEAN	AERIAL SURVE	YS Alti	ude	400 Ft	
				Air	Speed	60 K	
	Live To	urtles			Dead Turtl	es	
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None	Juvenile Adults None None		None			
Comments:							
		The second secon					



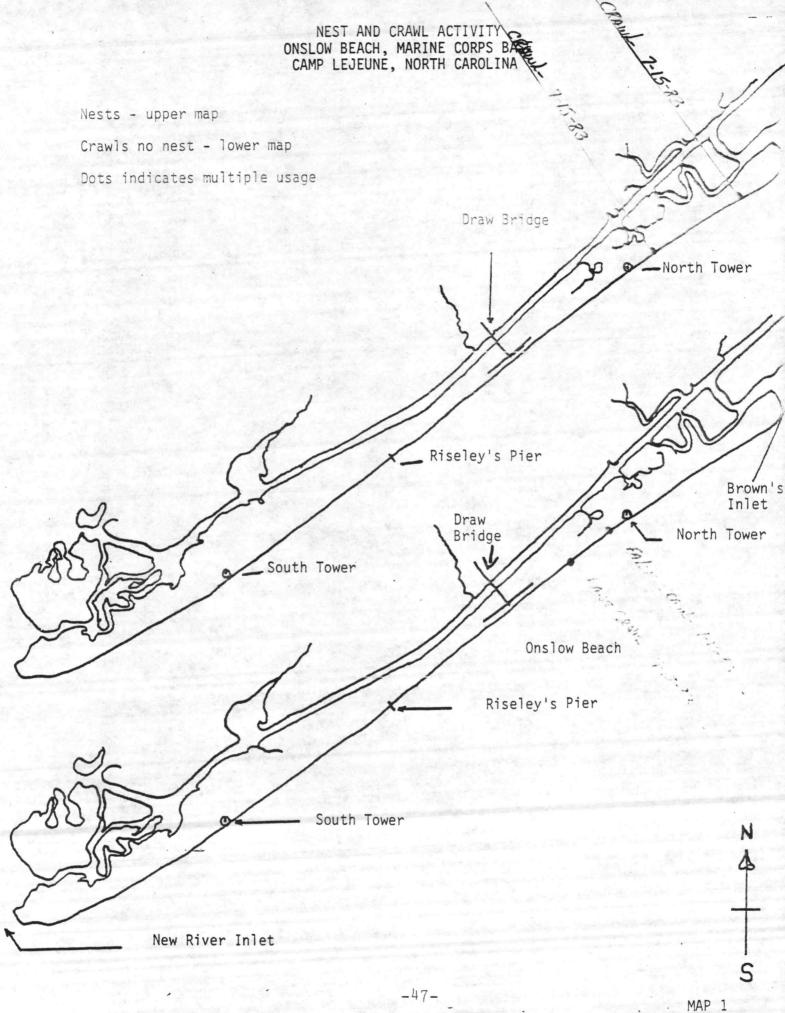


Recorder Name:	Janner	3. Bich					
Crew Names:							
Co-Pilot:	None	lene					
Others:	Money.						
Weather: General	_ 1 mile	s vis. for			er <u>200 OV</u>		
Wind Speed	Calm			a Conditions <u>Calm</u>			
		BEACH AE	RIAL SURVE	YS Altit Air S	tude <u>100</u> Speed <u>60</u>	Ft K	
Location	Crawls		Nests		Nest Predation		
	New	01d	New	01d	New	010	
Onslow Beach	2	0	2	0	0	0	
Browns Island	0	0	0	0	0	0	
Bear Beach	1	0	3	1	1	0	
		OCEAN AE	RIAL SURVE	13		00 Ft	
Very control of the c			11	Air	Speed	50 K	
	Live Turtles Dead Turtle					S	
Bell Buoy from	Juvenile	Adul	ults				
Bogue Inlet to New River Inlet	None	Non	le None				
Comments:							



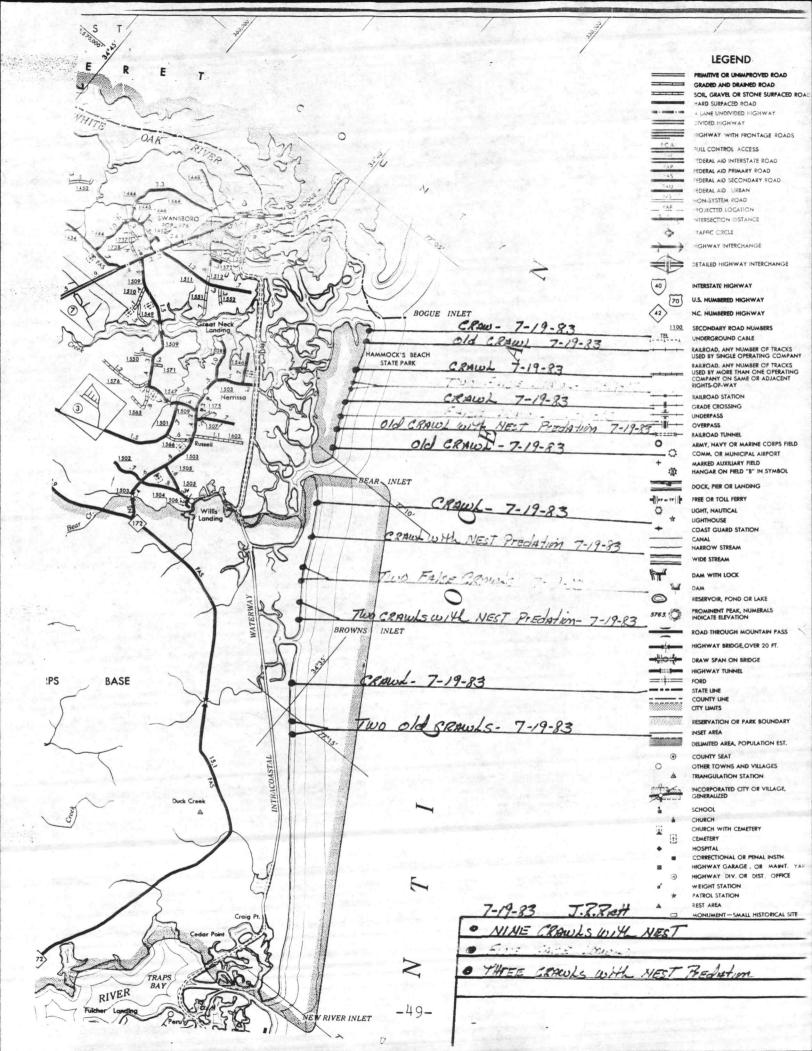


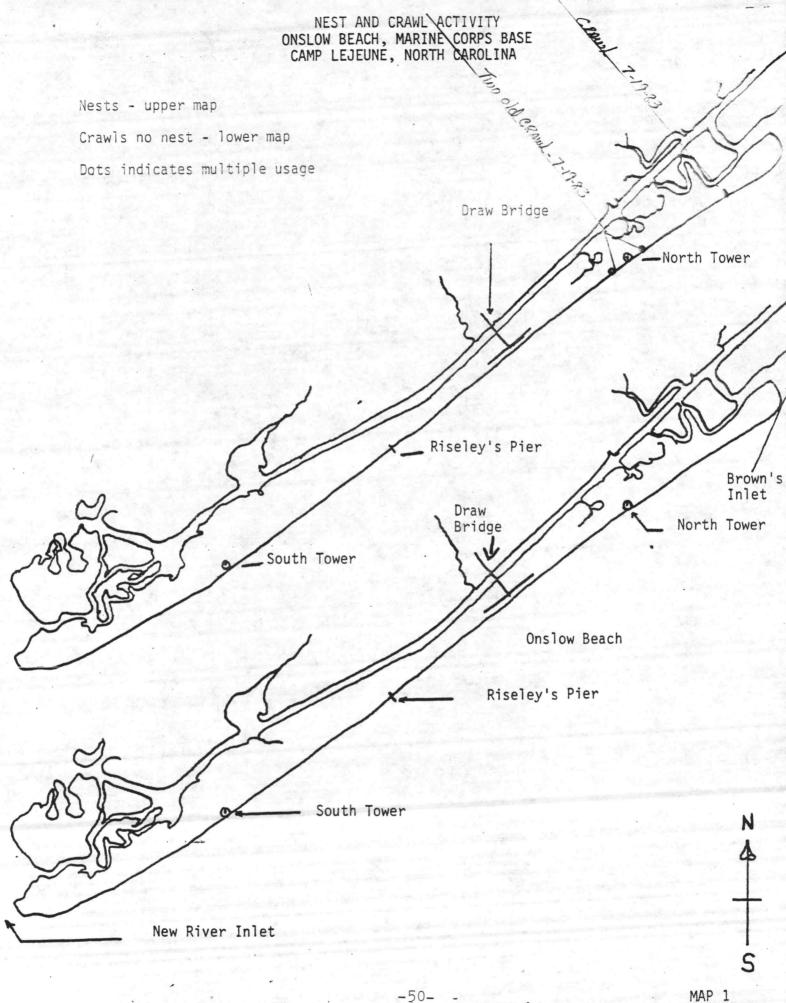
경기에 가게 되고 생활한다. 그 사람이 많은 역사는 가게 되었다. 그 전에 발생하게 되었다. 생활한 사람들은 사람들은 가게 하는 것이 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 1982년 - 1983년 - 1982년
했는데 맛이 그는데 하는 물이 많아 얼마를 하면 하면 사람들이 살아보았다. 그렇게 살아 살아 나를 하는데 하면 하는데 살아 보다 나를 하는데 하는데 살아
18 10 Head State (19 12 Hea
[2] [2] [2] [2] [3] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4
(1985년 1985년 1985년 1985년 1987년 - 1985년 1984년 1984년 - 1985년 1987년 1987년 1987년 1987년 1987년 1987년 1987년 1987년 1987년 1987년 1
[2] 교통 이렇고, 다른 마이크 마이크 이번 경험이 경험을 가장 있습니다. 그는 이동의 교통을 보고 있는 이번 이번 이번 경험을 받는 것 같은 기계를 모든 것을 모든 것을 받는 것을 받았다면 같습니다. 되었다면 받는 것을 받는 것을 받는 것을 받는 것을 받는 것을 받았다면 받았다면 되었다면 없었다면 되었다면 없었다면 같습니다. 것을 받는 것을 받았다면 같습니다. 것을 받는 것을 받았다면 같습니다. 것을 받았다면 받았다면 받았다면 받았다면 같습니다. 것을 받았다면 받았다면 받았다면 같습니다. 것을 받았다면 받았다면 같습니다. 것을 받았다면 받았다면 받았다면 같습니다. 것을 받았다면 받았다면 받았다면 같습니다. 것을 받았다면 받았다면 같습니다. 같습 같습 같습니다. 같습 같습 같습 같습 같습니다. 같습 같습 같습 같습 같습 같습 같습 같습 같습니다. 같습
[1988년 - 전 - 2012년 - 1982년 - 1일 대한 경기 등 대한 1982년 1982년 - 1982년 - 1982년 1982년 1982년 1982년 1982년 1982년 - 1982년 - 1982년 - 1982년 1982년 1982년 1982년 1982년 1982년 - 1982년 1 1982년 - 1982년 1982년 1982년 1982년 1982년 1982년 1982년 1982
[2]
[[[[[[[[]
[19] 전 - [2] - [2
했다. 이 교통 보고 있는 이 이 이 가장 하는 사람들은 그는 가는 그들은 그들은 그들은 그들은 이 이 이 이 이 이 가장 하셨습니다. 생각하는 것을 했다.
[1] 이 사람들은 사람들이 되는 사람들이 되었다면 보고 있는데 보고 있는데 보고 있다면 하면 하는데 되었다. 그렇게 되는데 모든데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른데 다른
#요요 회사 : [10] [10] [10] [10] [10] [10] [10] [10]
[20]
表表表 - To Building Table (A Table) Tab



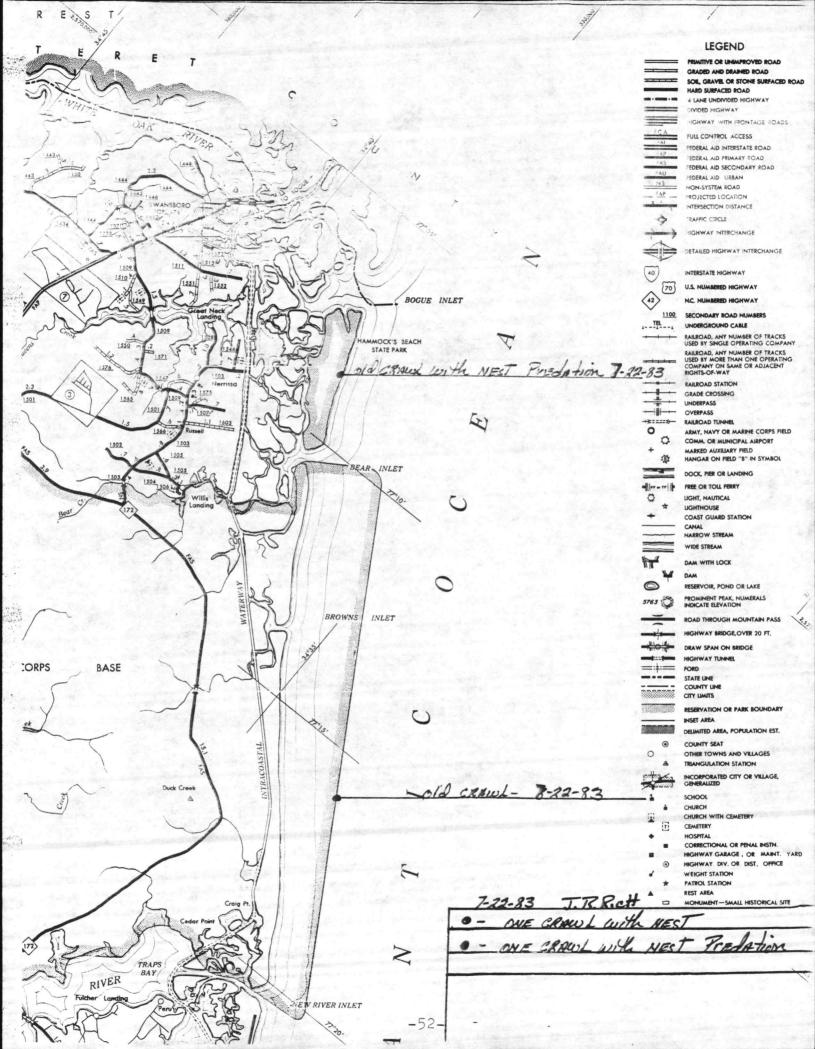
000 000 000 100	Ston	Crew	t:	J. R. Rich					
one one _=X 1	mile for	Crew							
-25 1	mile for	Crew							
	mile for	1.00			Crew Chief:				
	mile for								
		: naze	Cloud Cov	er <u>-7 -</u>	og & haze				
	than 5 K								
	BEACH A	AERIAL SURVE							
Cr	awls	Ne	sts	Nest Pr	edation				
New	01d,	New	01d	New	01d				
0	0	1	2	0	0				
2	0	Ĭμ	0	3	0				
3	0	. 3	3	0 .	1				
	OCEAN A	ERIAL SURVE	13		Ft. K				
Live T	urtles			Dead Turtles					
				None					
	Cr New O 2 3 Live T	Crawls New Old, O O 2 O 3 O CEAN A Live Turtles Juvenile Adu	Crawls New New Old	Crawls Nests New Old New Old	New Old New Old New 0 0 1 2 0 2 0 4 0 3 3 0 3 3 0 OCEAN AERIAL SURVEYS Altitude Air Speed 60 200 Air Speed 60 Live Turtles Dead Turtles Juvenile Adults				

100
20
1
- 10
Sales of the sales
-9
200
199

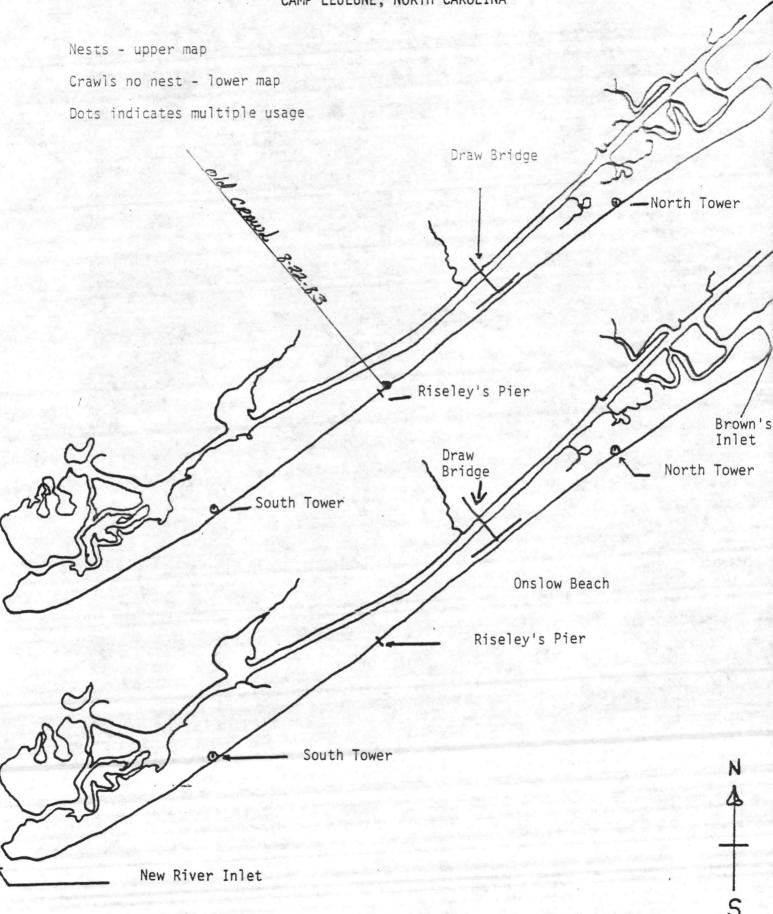


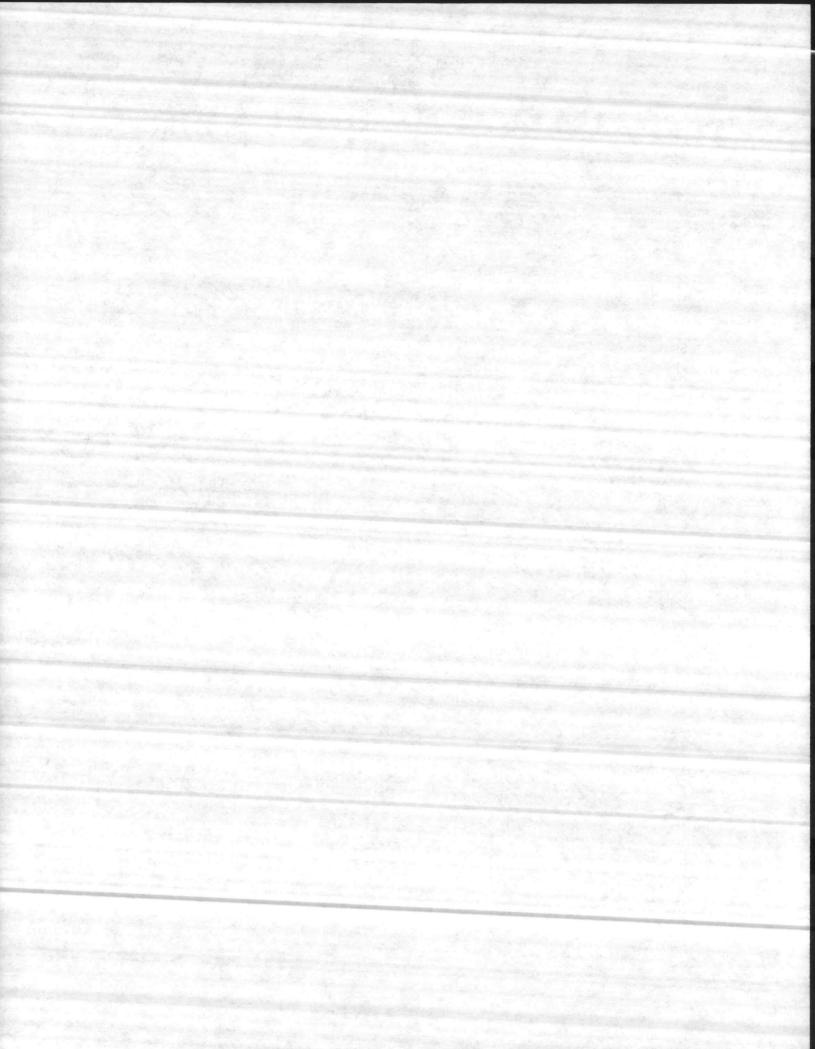


Date:	J-17- 22	33	Time: S	1 1000	F	30.50	
Recorder Name:	Јерти R.	Rich					
Crew Names:	Yone		Pilo	ot:	R. Rich		
Co-Pilot:	None		Crew	Chief: _	'ora		
Others:	Tone	Z.			ar H		
Weather: General	SCT TWR 8	k rain		Cloud Cov	er 2000-	3000 3KI	
Wind Speed	SW 10-12	K	s	ea Conditi	ons Ch	op White Cap	
		BEACH	AERIAL SURVE			OFt.	
Location	Crawls Ne			sts	Nest P	st Predation	
	New	01d,	New	01d	New	01d	
Onslow Beach	0	0.	0	1	0	0	
Browns Island	0	0	0	1	1	0	
Bear Beach	0	0	0	0	0	. 0	
		OCEAN	AERIAL SURVE		tude <u>30</u> Speed <u>6</u>	O FT O K	
	Live Tur	tles			Dead Turtle	S	
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None	Ad No.	ults ne		None		
Comments:							



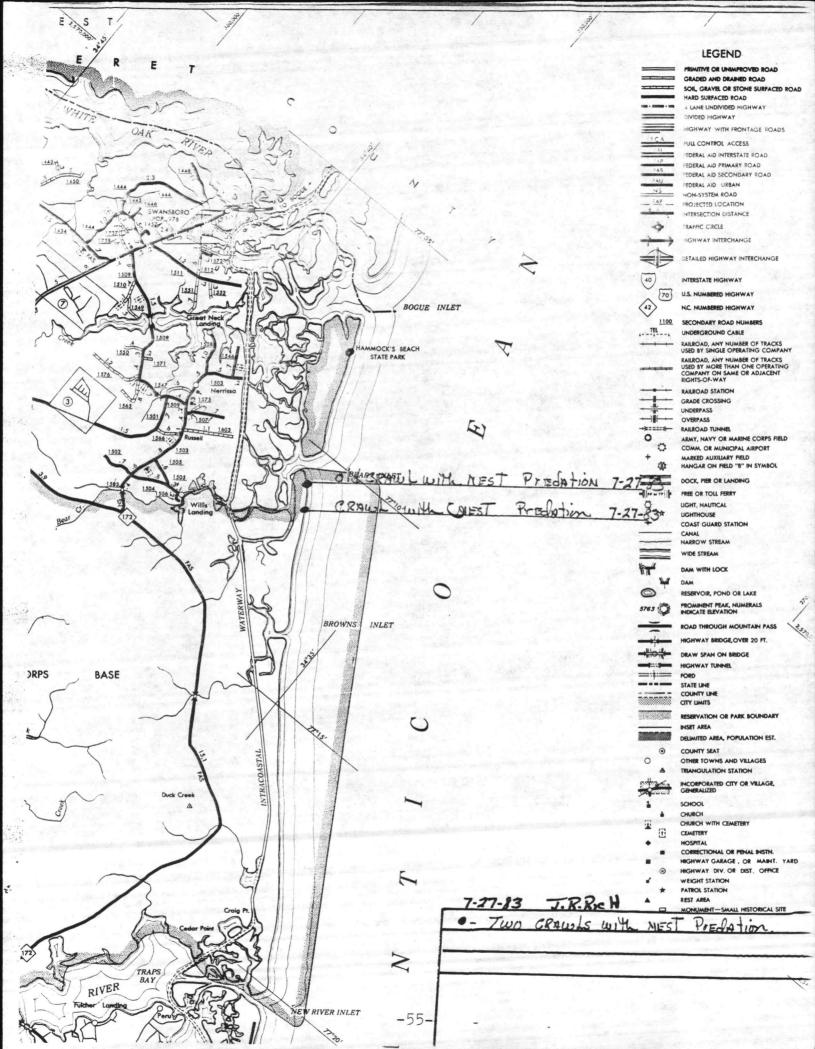
NEST AND CRAWL ACTIVITY ONSLOW BEACH, MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA





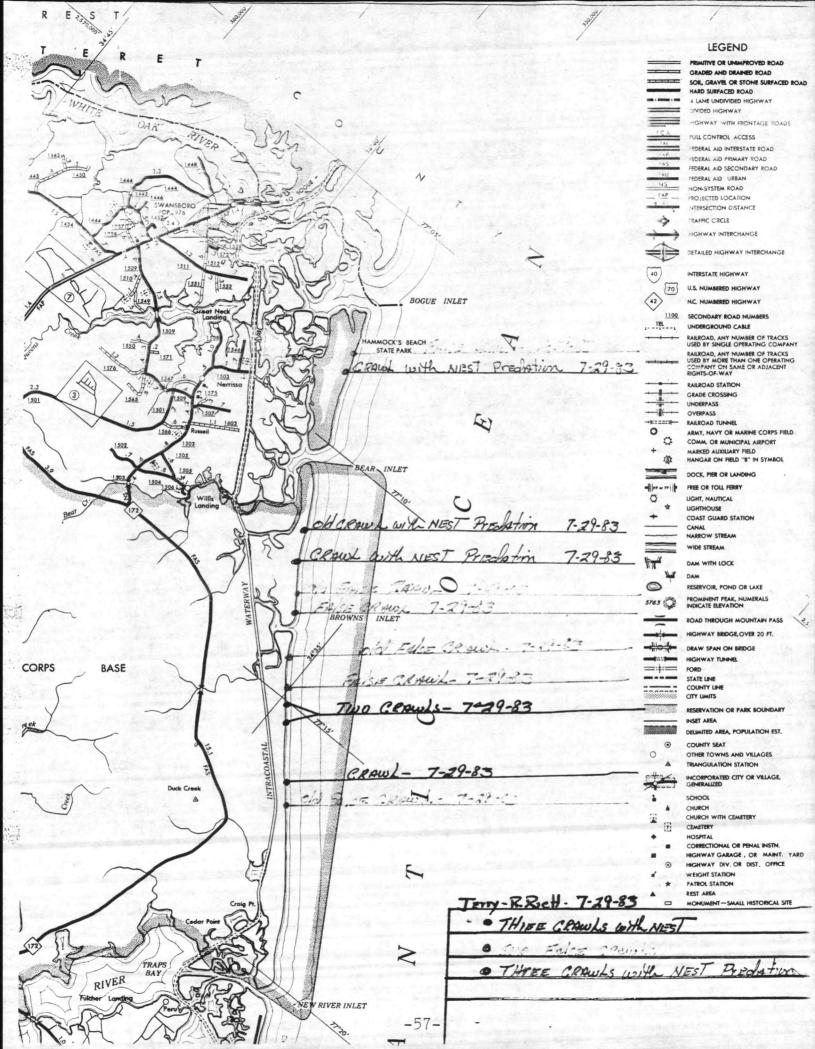
·	3-	Time: S	05:10	F _	03:10	
		A CONTRACT OF THE PROPERTY OF				
ona		Pilo	t:	R. Rich		
00.3		Crew	Chief: _	Tons		
n Ka						
l <u>clear</u>	7 miles	71.5	Cloud Cov	er <u>Clear</u>		
NE 8-10 K		S	ea Conditi	ons Light	Chop	
			YS Altit	tude 100	ਸਾਧਾ	
Cr	awls	Ne	sts	Nest Pr	edation	
New	01d	New	01d	New	01d	
0	0	0	0	0	0	
0	0	1	1	2	0	
0	0	0	0	0	0	
	OCEAN A	AERIAL SURVE				
Live Tu	ırtles			Dead Turtles		
Juvenile None			None			
					, engine le se Lasti la Lasti lasti en la secolitat e	
and the second		264				
	Crown Rew Crown O O O O O O O O O O O O O O O O O O O	Crawls New Old O O O O O O OCEAN	Pilo Crew Clear 7 miles vis SEACH AERIAL SURVE Crawls Ne New Old New O			

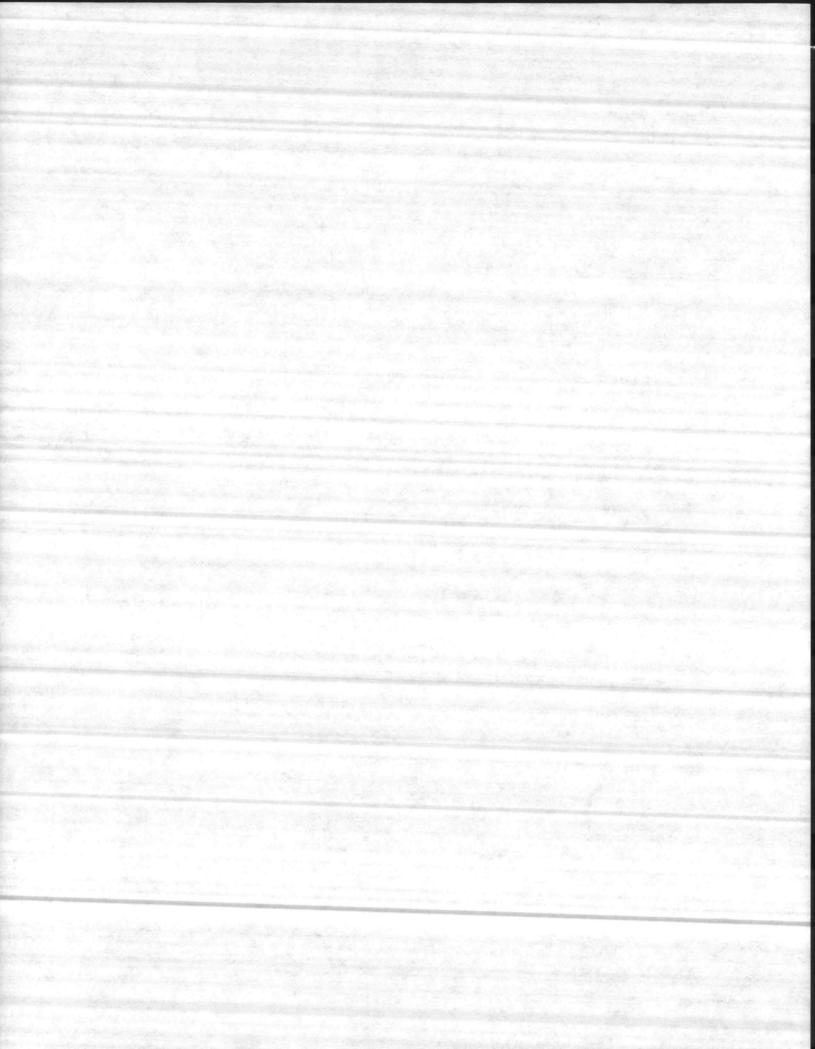
- Yequi
A AN
-
1
. 1
a
1
X 50 miles

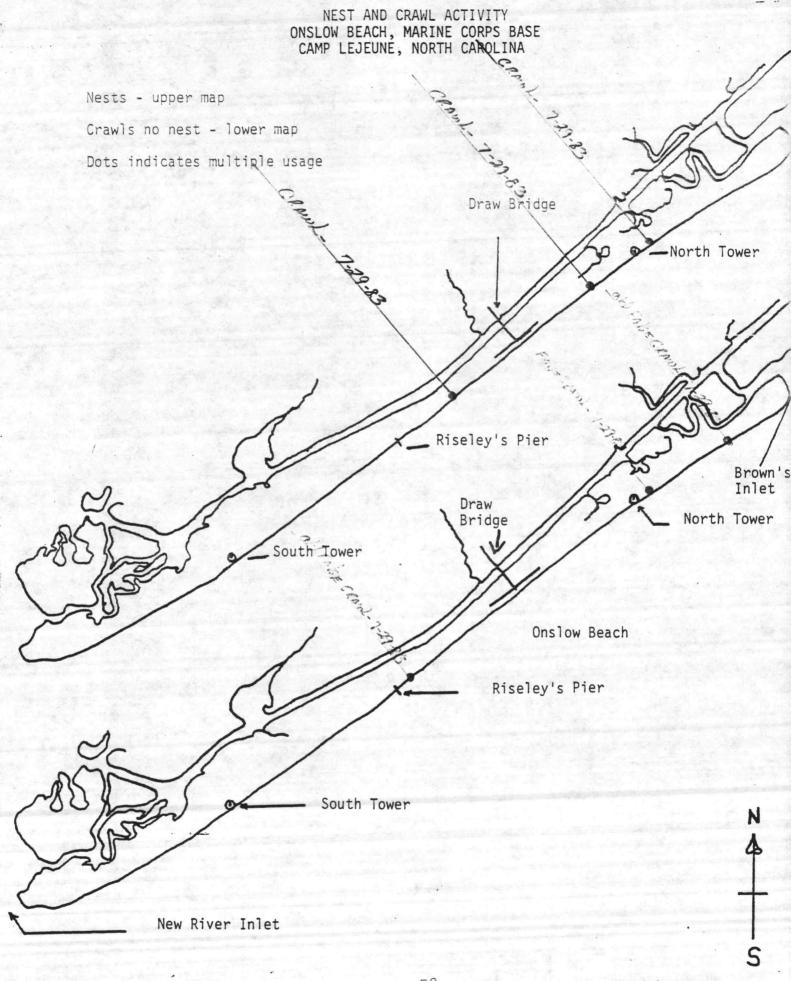


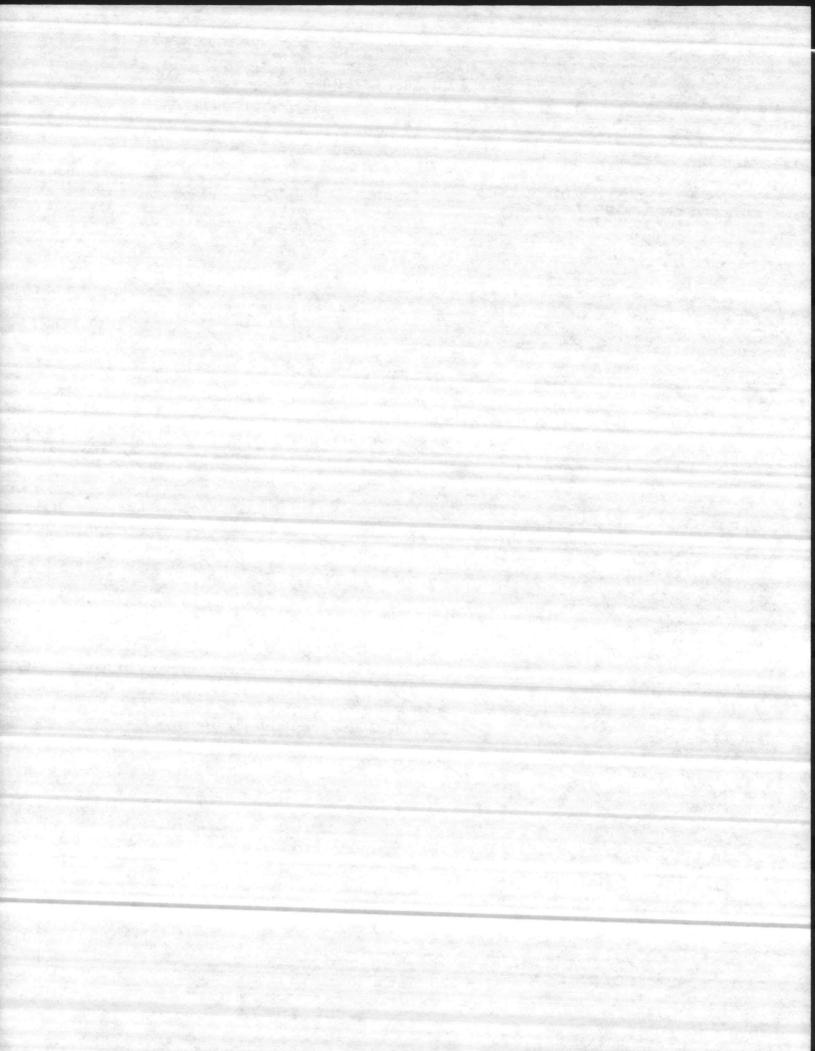
A STATE OF THE STA
S. S
One appeals the second of the
The state of the s

Date:	Jul 20 108	30	· Time: S	26:-14	F_	08:3
Recorder Name:	J. R. Rich					
Crew Names:	Mone	of the second	Pilo	t:	R. Rich	
Co-Pilot:	Ilona		Crew	Chief: _	Jone	
Others:	Tona					
Weather: General	3000 BF	OI 7 mil	es vis	Cloud Cov	er <u>300</u>	O BKN
Wind Speed	Less than	K.	S	ea Conditi	onsC	alm
		BEACH A	ERIAL SURVE		ude 10	
Location	Craw	1s	Ne	sts	Nest P	redation
	New	01d,	New	01d	New	01d
Onslow Beach	1	2	3	0	0	0
Browns Island	1	1	1	1	2	0
Bear Beach	1	0	1	0	1	0
		OCEAN A	ERIAL SURVE	vs Alti	tude	300 FT
		OCEAN A	ERIAL SURVE	13	Speed	60 K
	Live Tur	tles			Dead Turtle	S
Bell Buoy	Juvenile	Adu	lts			
from Bogue Inlet to New River Inlet	None	Non	le	None		
Comments:		I was				

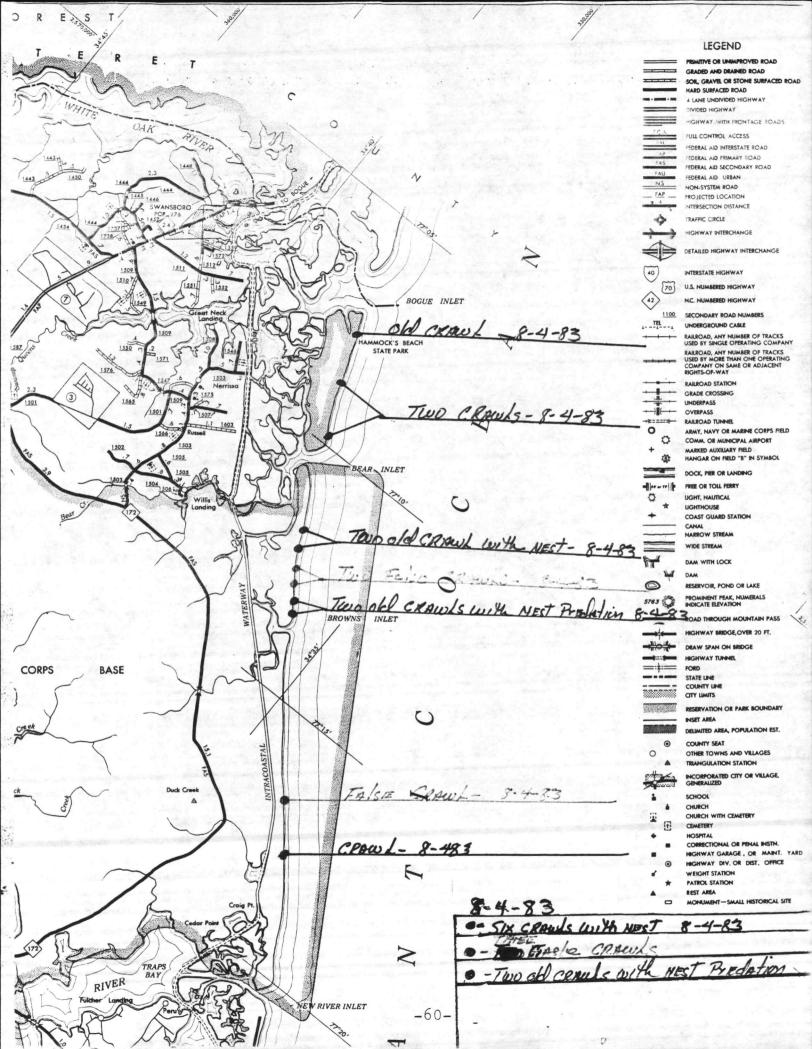


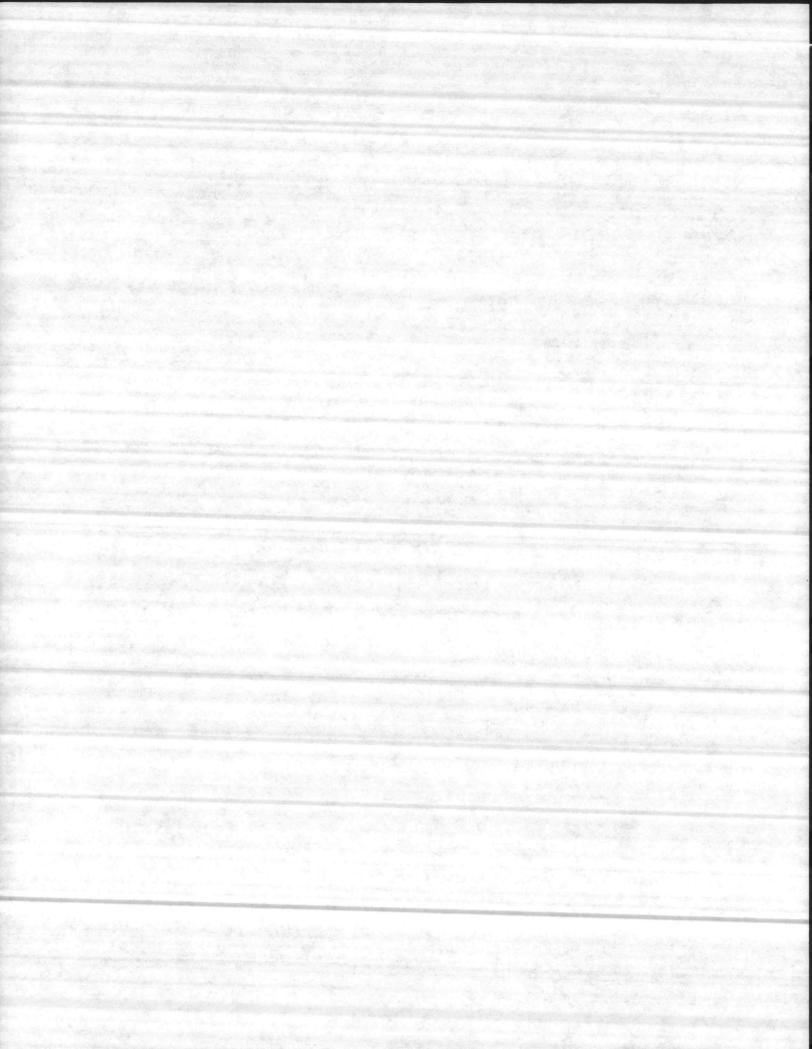




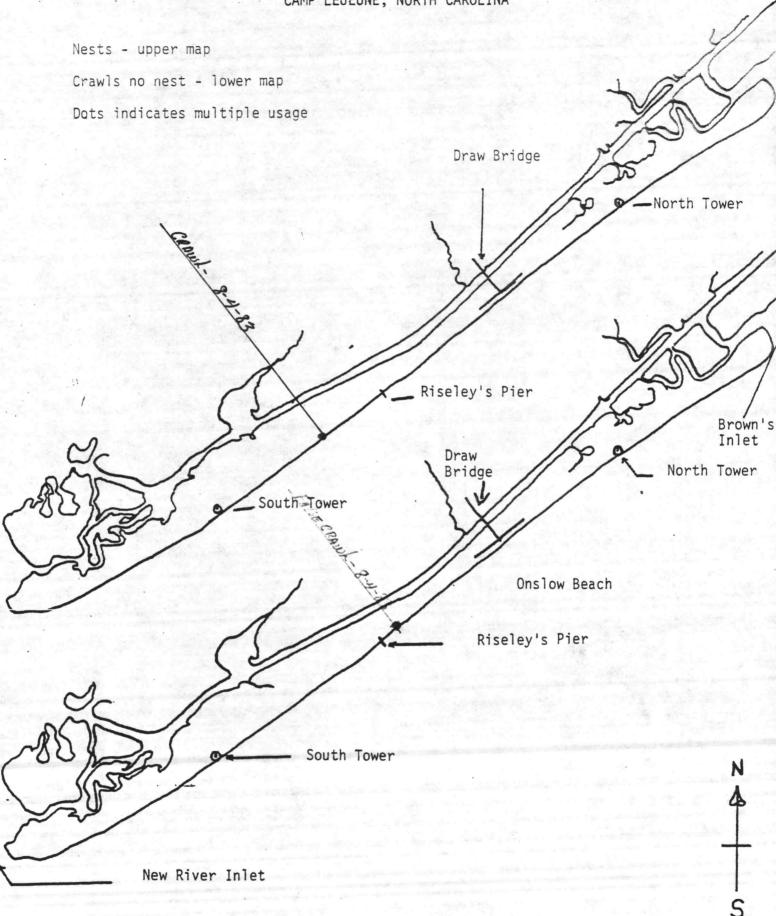


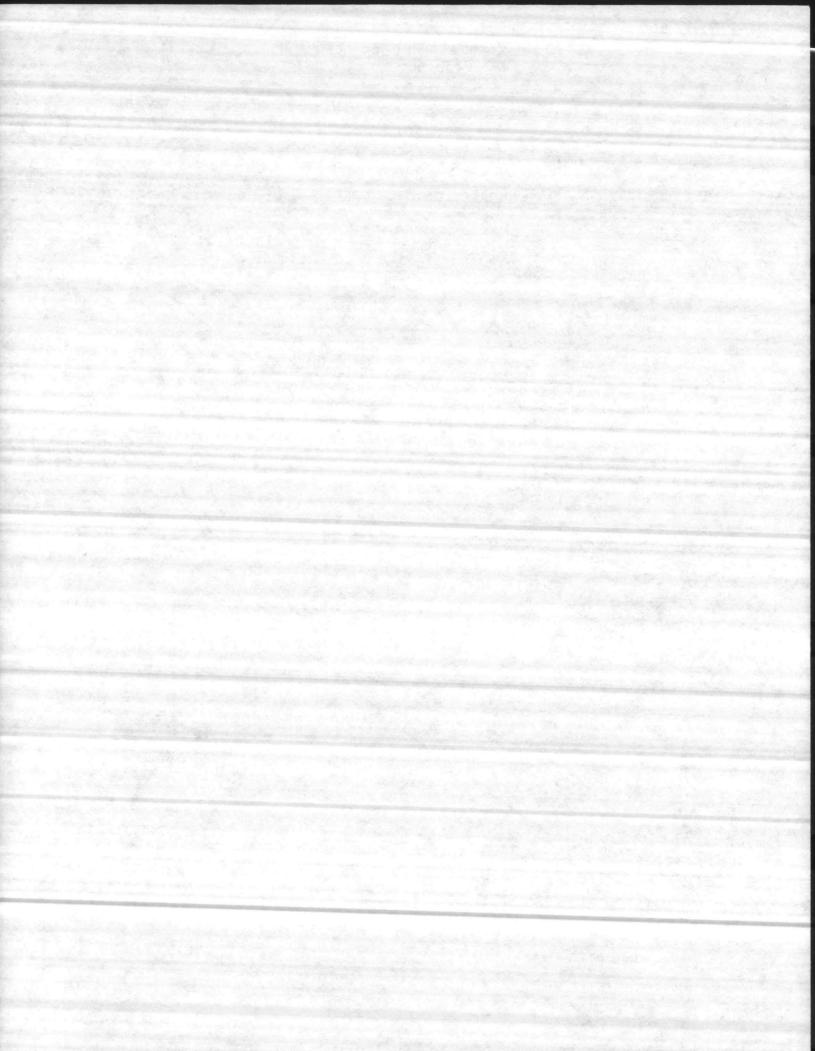
Date:	August L	983	Time: S	04,40	F	23:00		
	Jerry R. Rich							
Crew Names:	None	1						
Co-Pilot:	Uone		Crew	Chief: _	Tona			
Others:	Tone							
Weather: Genera	1 1000 3	kn Rain		Cloud Cov	er 1000	3KN		
Wind Speed	Calm		S	ea Conditi	ons Calm			
		BEACH	AERIAL SURVE	YS Alti Air	tude 10	00 Ft 60 K		
Location	Crawls		Nests		Nest Predation			
	New	01d,	New	01d	New	01d		
Onslow Beach	1	0	1	0	0	0		
Browns Island	2	0	0	4	2	0		
Bear Beach	0	0	. 2	1_	0	• 0		
				(1) (MA)				
		OCEAN /	AERIAL SURVE	13		O Ft		
	Live Tu	rtles			Dead Turtles			
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None		ults	None				
Comments:				Professional Communication				
						The state of the s		
		engler - green						



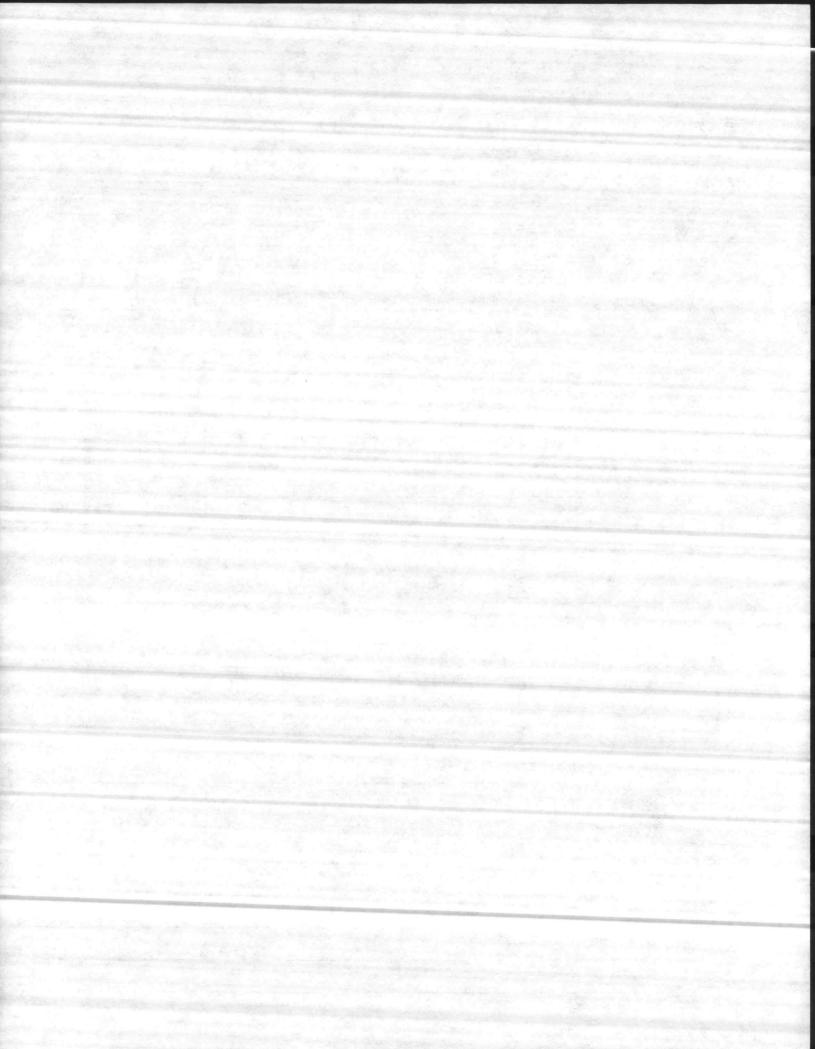


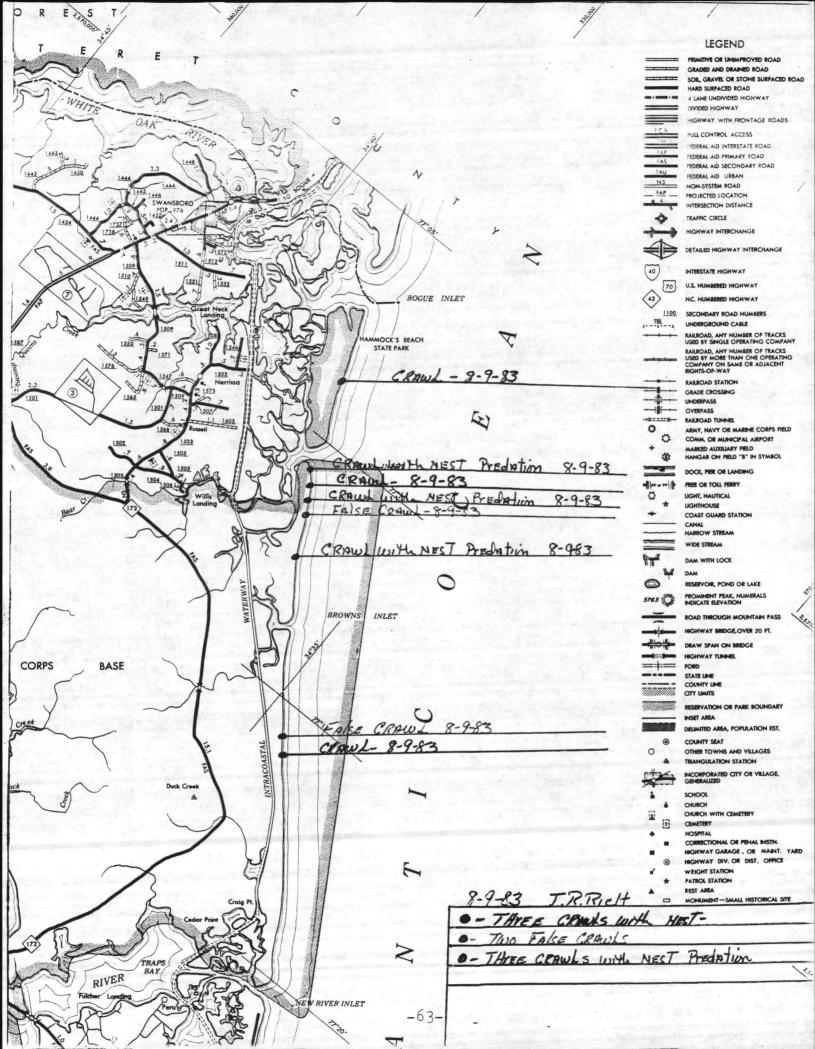
NEST AND CRAWL ACTIVITY ONSLOW BEACH, MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

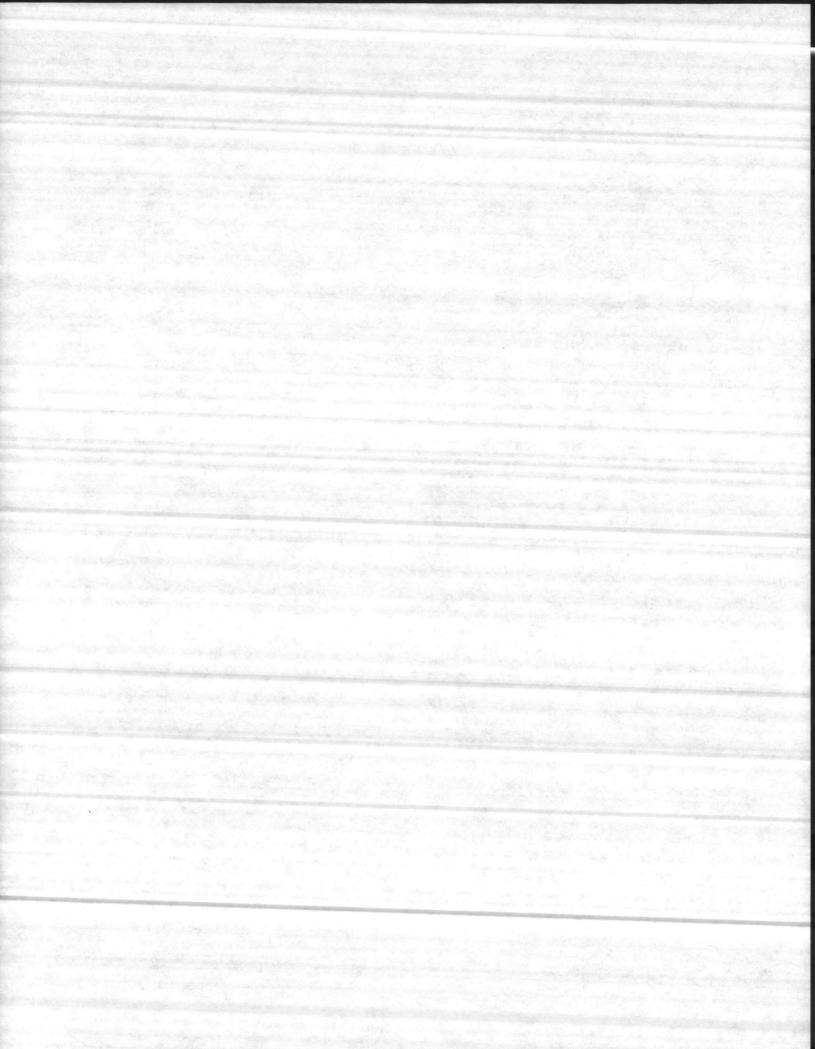




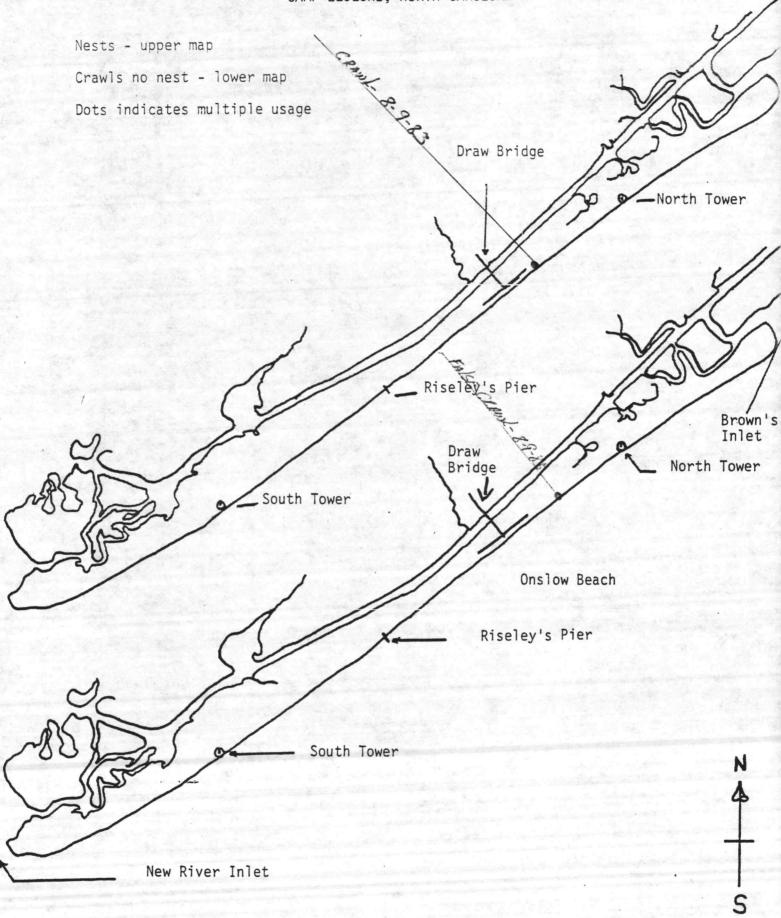
Date:	August	9 1983	Time: S	06:10	F	08:12			
Recorder Name: _	Janne 3	Jarmer 3. Ptch							
Crew Names:	None	None Pilot: J. R. Rich							
Co-Pilot:	None		Crew	Chief: _	None				
Others:	None								
Weather: General	2-3 mil	es fog å	k haze	Cloud Cov	er <u>Clea</u>	r			
Wind Speed	SW 8 K		S	ea Conditi	ons Ligh	t chop			
		BEACH A			tude <u>100</u> Speed <u>60</u>				
Location	Crawls		Ne	sts	Nest Predation				
	New	01d,	New	01d	New	01d			
Onslow Beach	1	.0	0	0	0	0			
Browns Island	1	0	.	0	3	0			
Bear Beach	0	0	1	0	0	0			
		OCEAN A	AERIAL SURVE	vc Alti	tude	300 Ft			
		UCEAN A	AERIAL SURVE		Speed	60 K			
	Live Turtles Dead Turtles					S			
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile Adults None None			None					
Comments:									

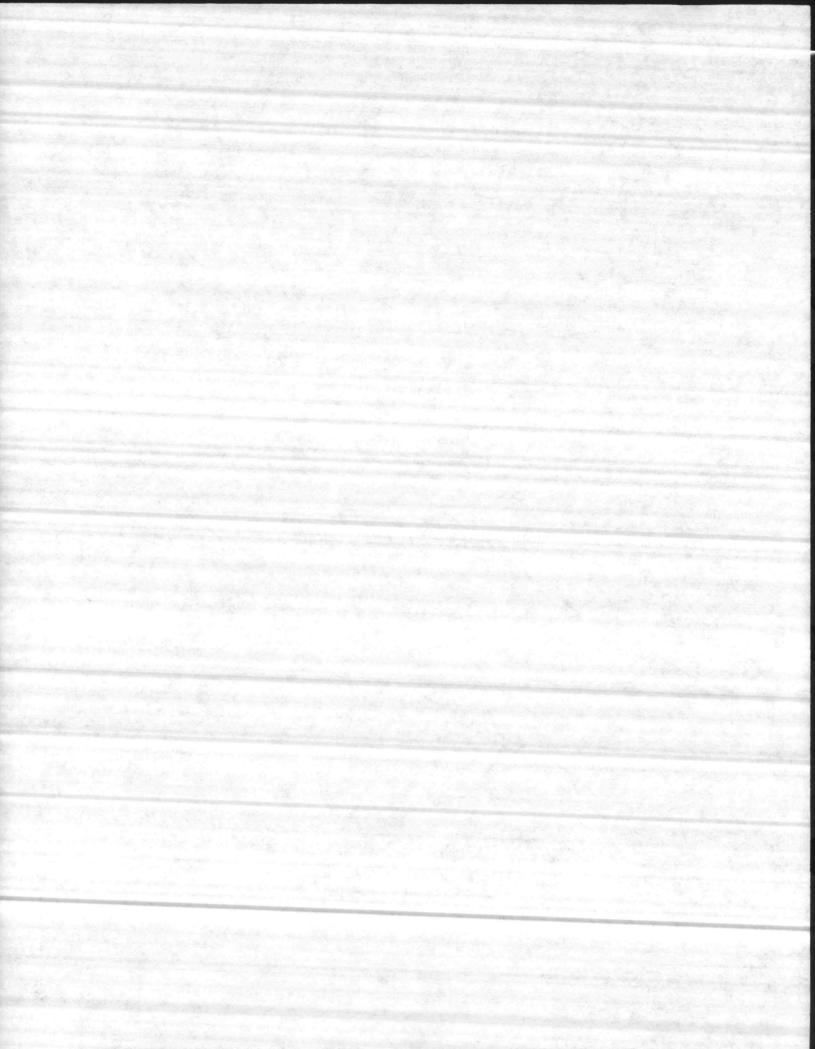




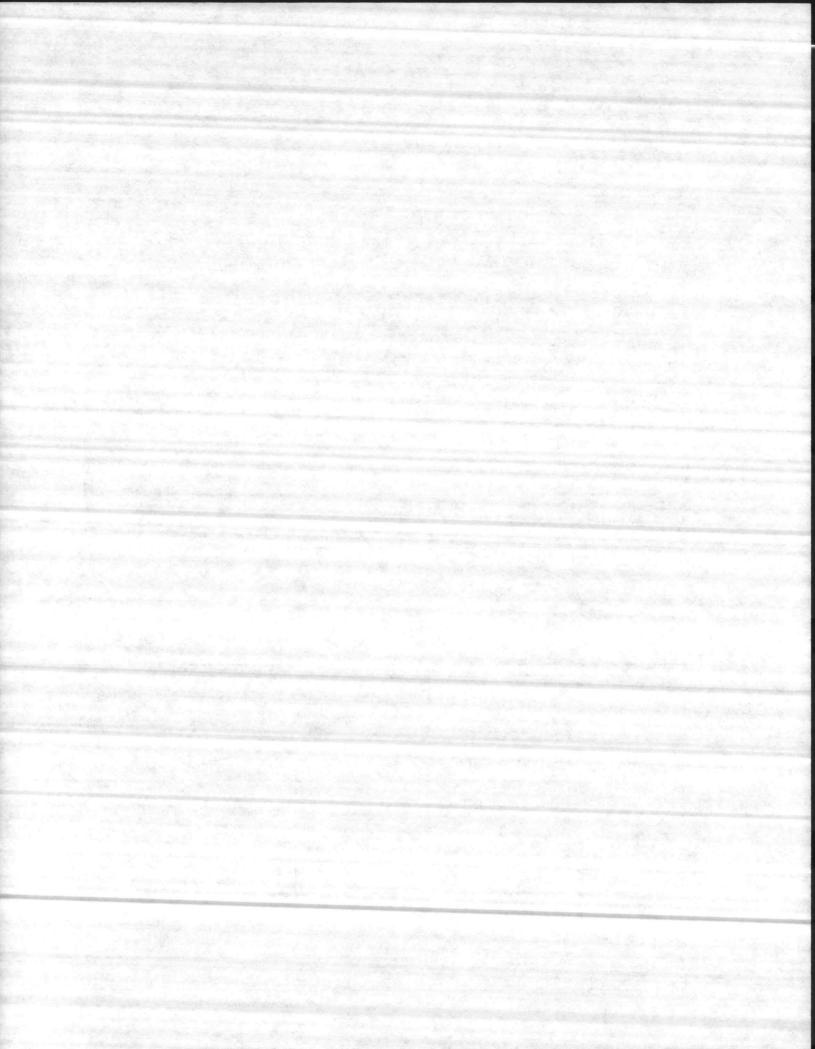


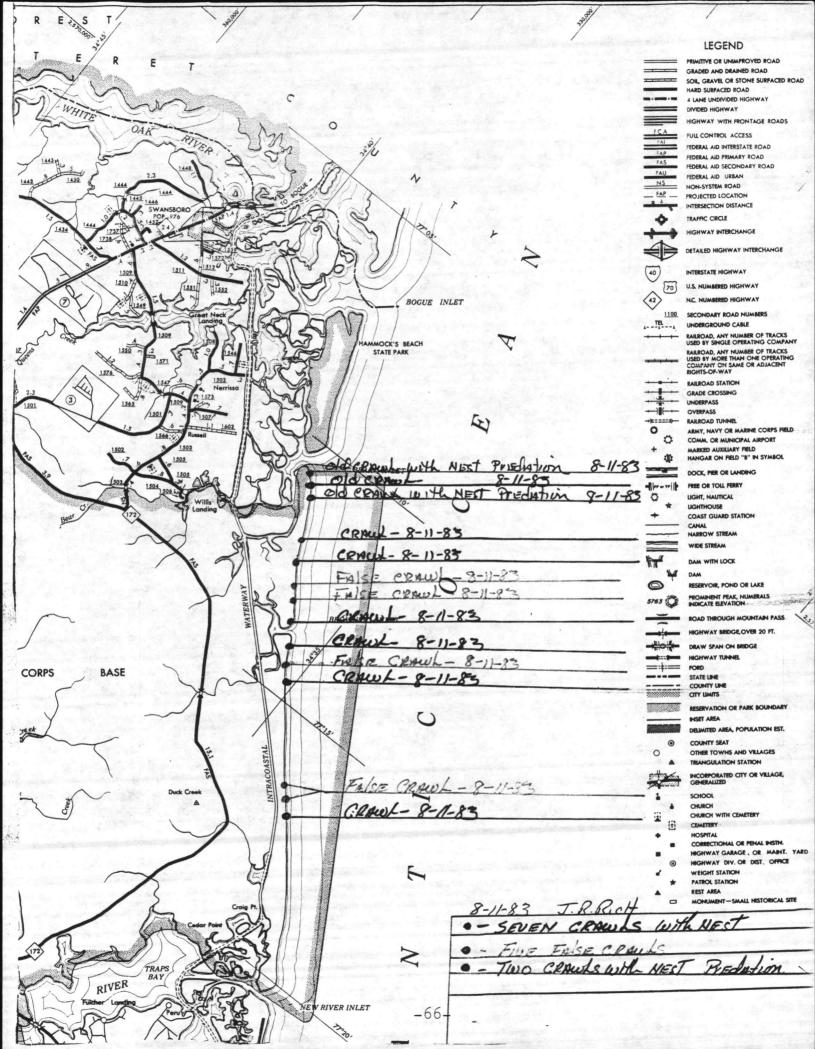
NEST AND CRAWL ACTIVITY ONSLOW BEACH, MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

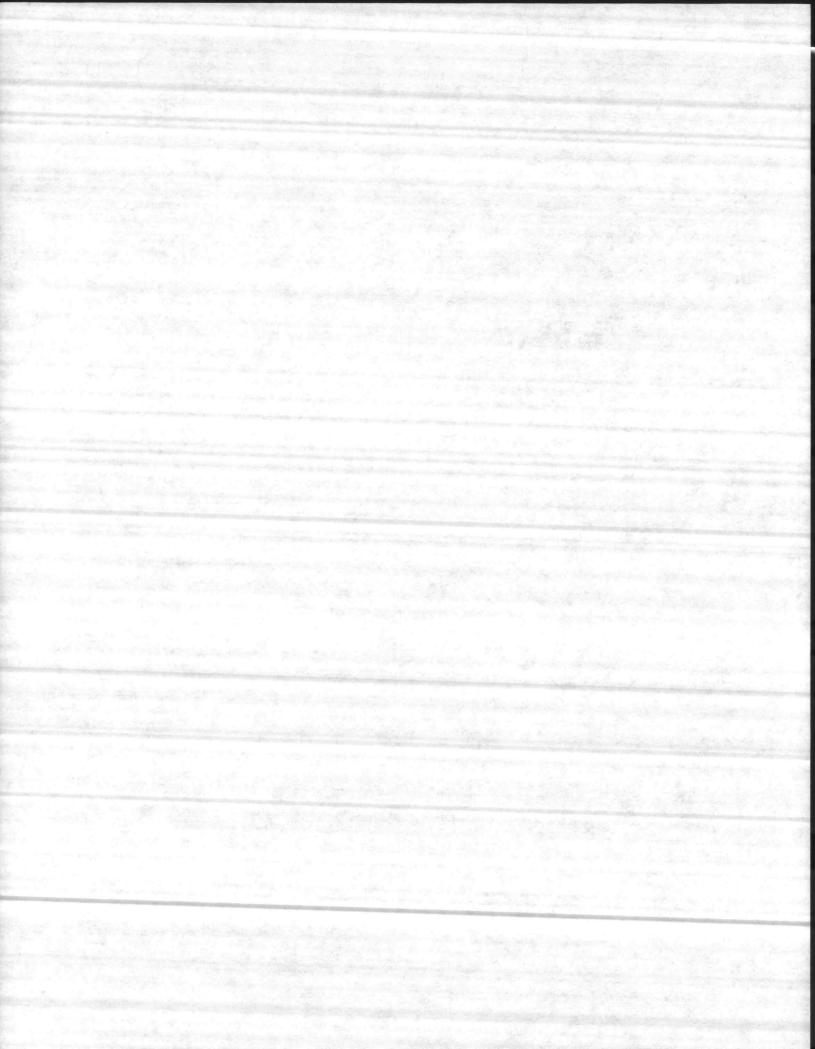


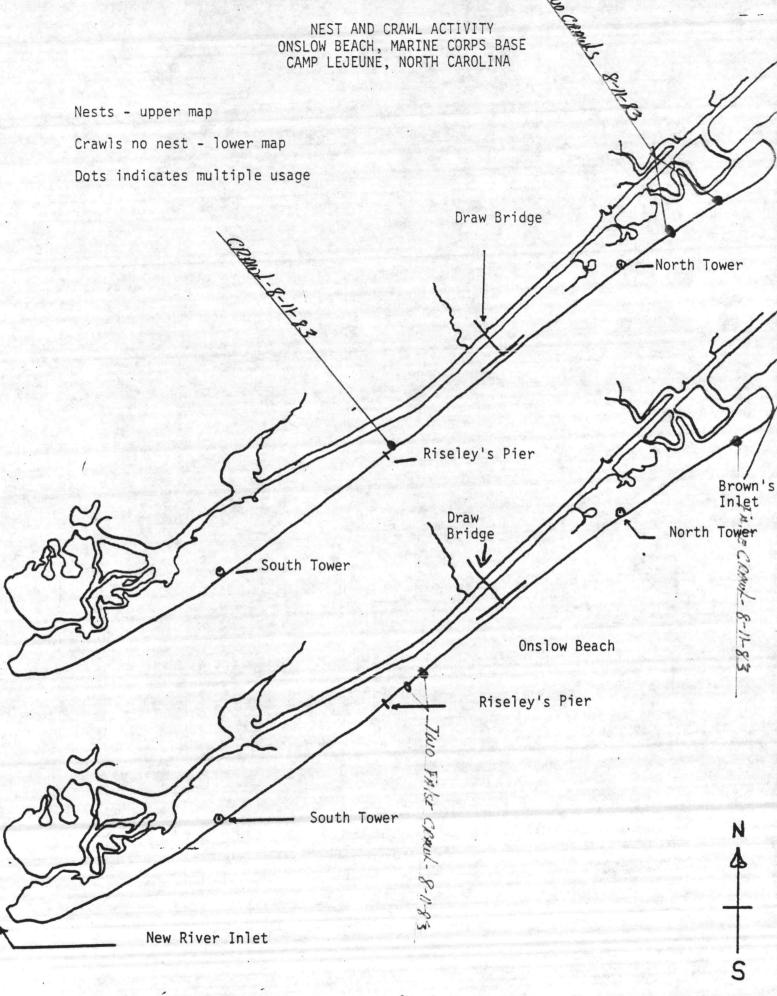


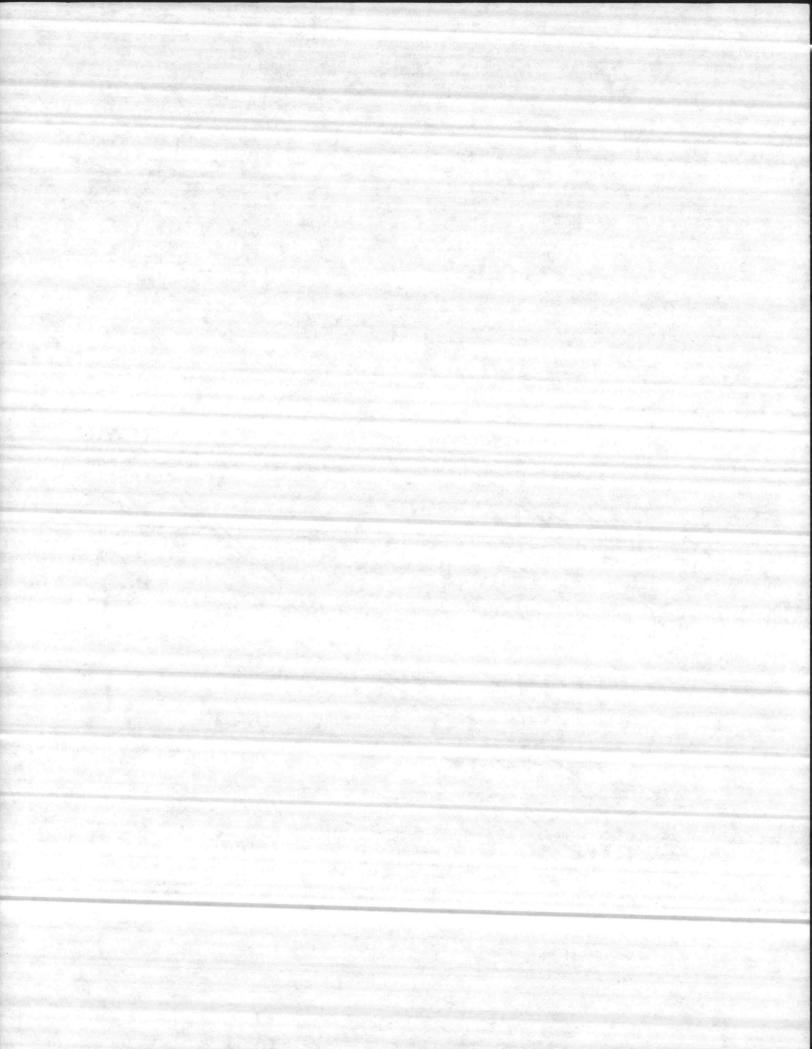
			_ 111110. 5	00.02	F _	00.22			
Recorder Name: _	Jerry R.	Jerry R. Rich							
Crew Names:	Mone	None Pilot: J. R. Rich							
Co-Pilot:	None		Crew	Chief: No	ne				
Others:	None	None							
Weather: General	1 mile f	og & ha	ze	Cloud Cove	er <u>800 0</u>	DVC			
Wind Speed	ind Speed SW 8-10 K Sea Conditions Chop								
		BEACH A	ERIAL SURVE	YS Altit Air S	ude 100 Speed 60	F ^T .			
Location	Crawls Nes			sts	ts Nest Predation				
	New	01d.	New	01d	New	01d			
Onslow Beach	0	0	0	0	0	0			
Browns Island	2	0	3	3	0	2			
Bear Beach	2	0	. 3	0	0	. 0			
		OCEAN A	ERIAL SURVE	. •	tude	300 Ft 60 K			
	Live Tur								
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile Adults None None			None					
Comments:			Lance displaying	1					
Comments:									



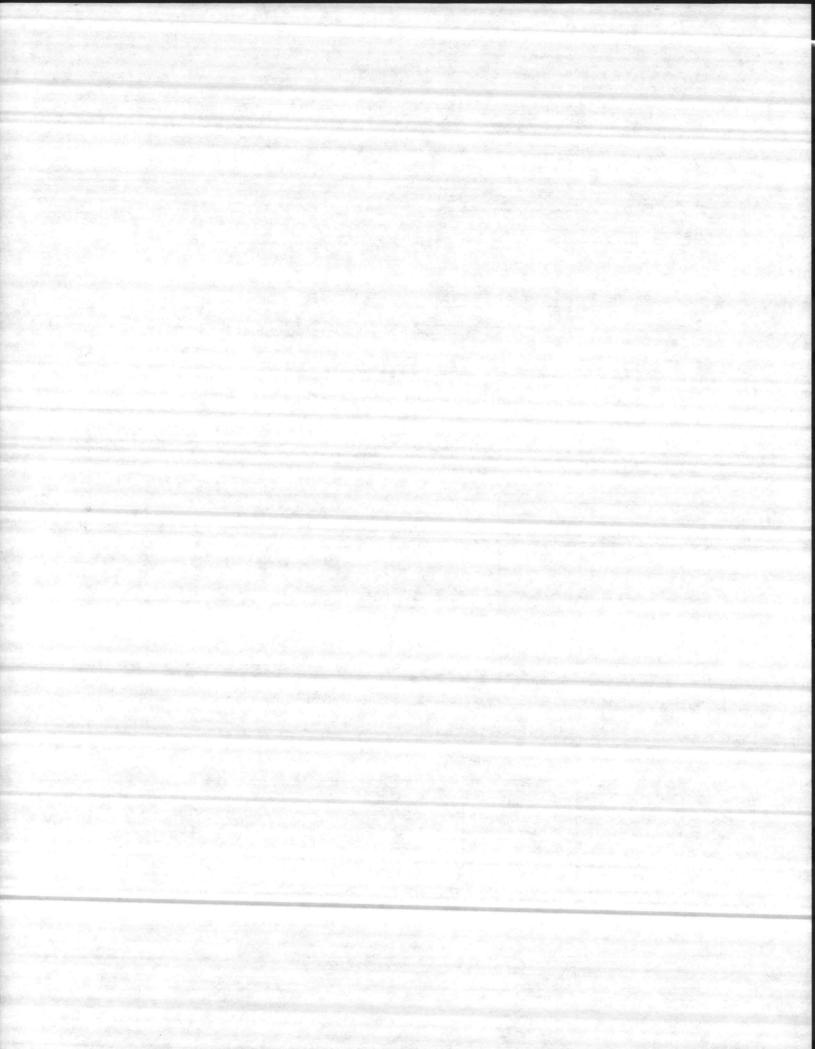


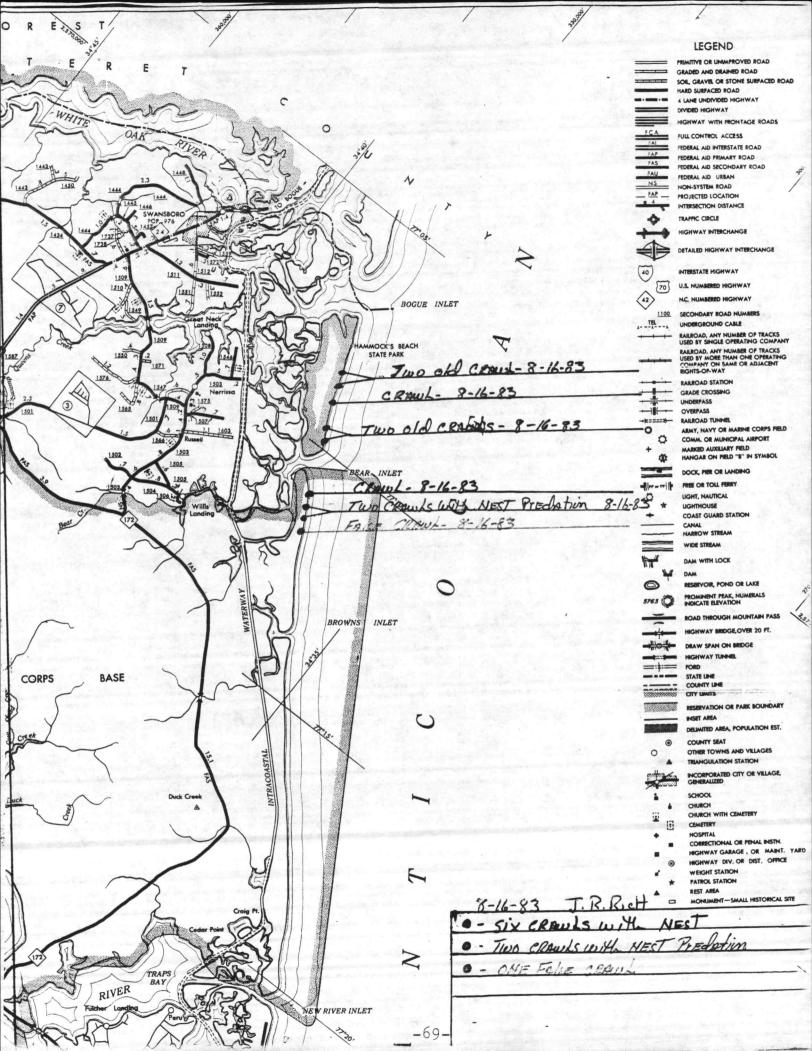


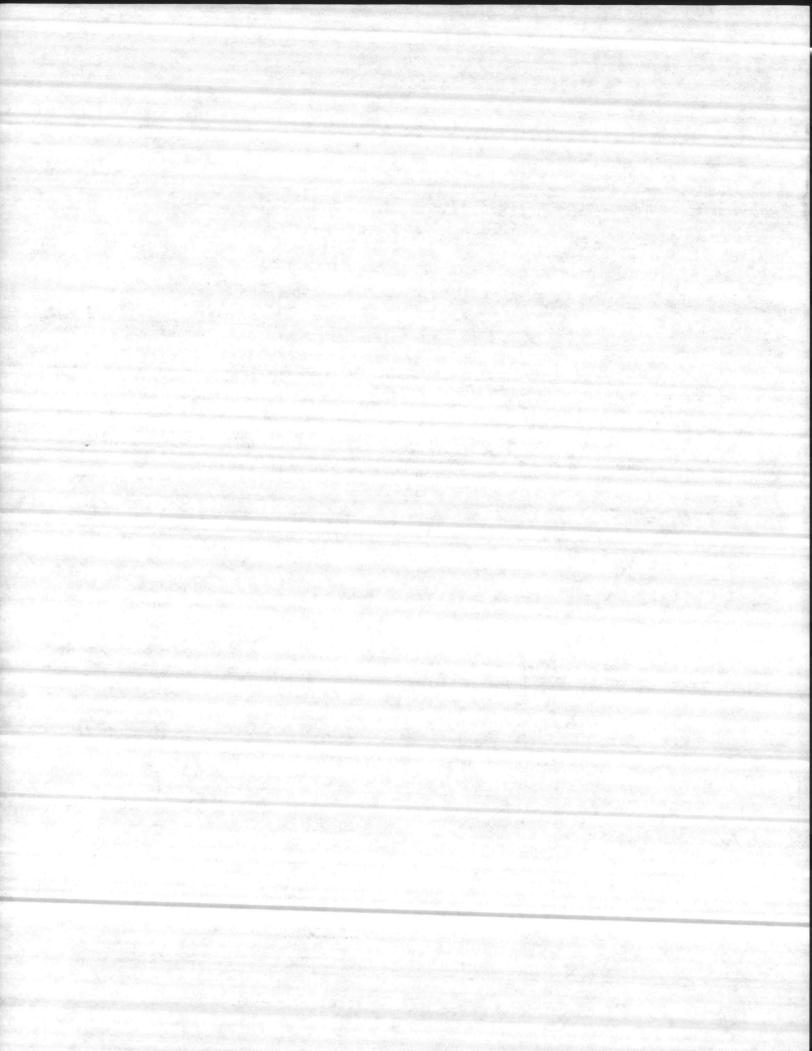




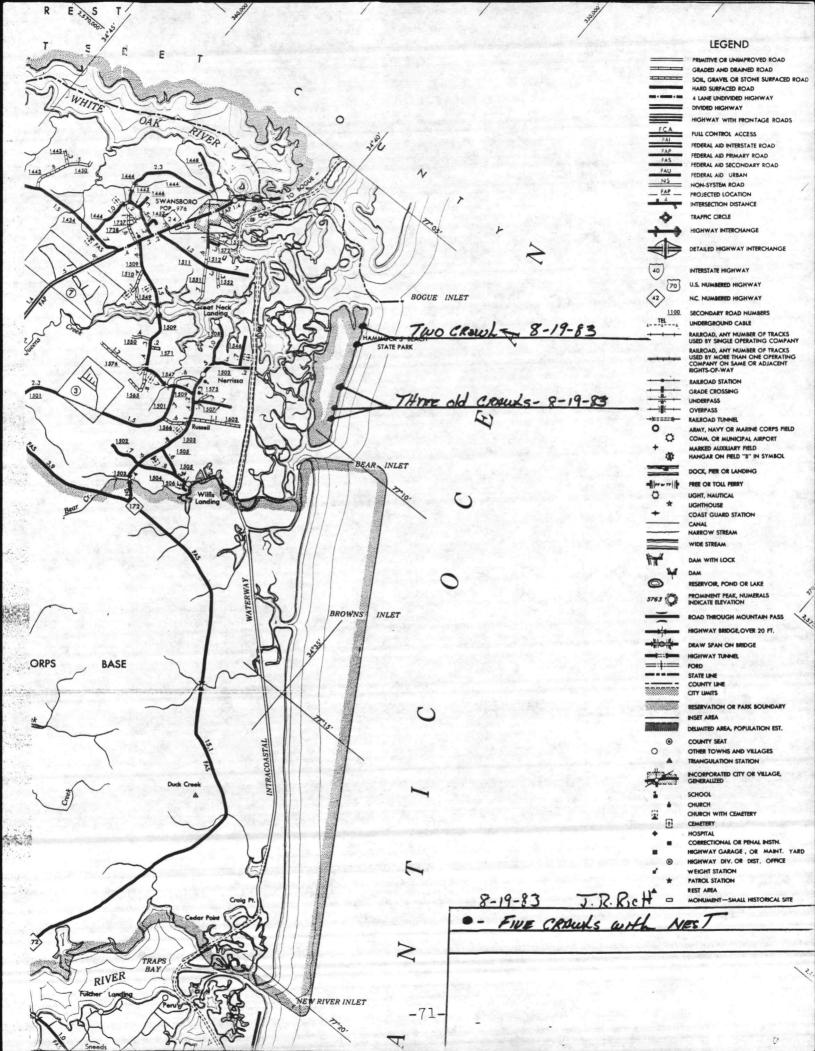
Date.	August 10	1983	_ Time: S	06:04	- F _	08:05		
Recorder Name: _	Jerry R. Rich							
Crew Names:	None Pilot: J. R. Rich							
Co-Pilot:	None Crew Chief: None							
Others:	None							
Weather: General	1-2 mil	es fog		Cloud Cov	er <u>1000</u>	SCT		
Wind Speed	Less than	5 K	S	ea Conditi	ons <u>Calm</u>			
		BEACH AE						
				Air S	Speed 60 K			
Location	Crawls		Nests		Nest Predation			
	New	01d	New	01d	New	01d		
Onslow Beach	0	0	0	0	0	0		
Browns Island	1	0	3	0	2	0		
Bear Beach	0	0	1	Ъ.	0	0		
	Discourse of the second							
		OCEAN AE	RIAL SURVE		tude	0 Ft		
	Live Turtles Dead Turtles							
Bell Buoy from	Juvenile	Adul	ts					
Bogue Inlet to New River Inlet	None None None							
Comments:				Carlo Carlo Carlo				

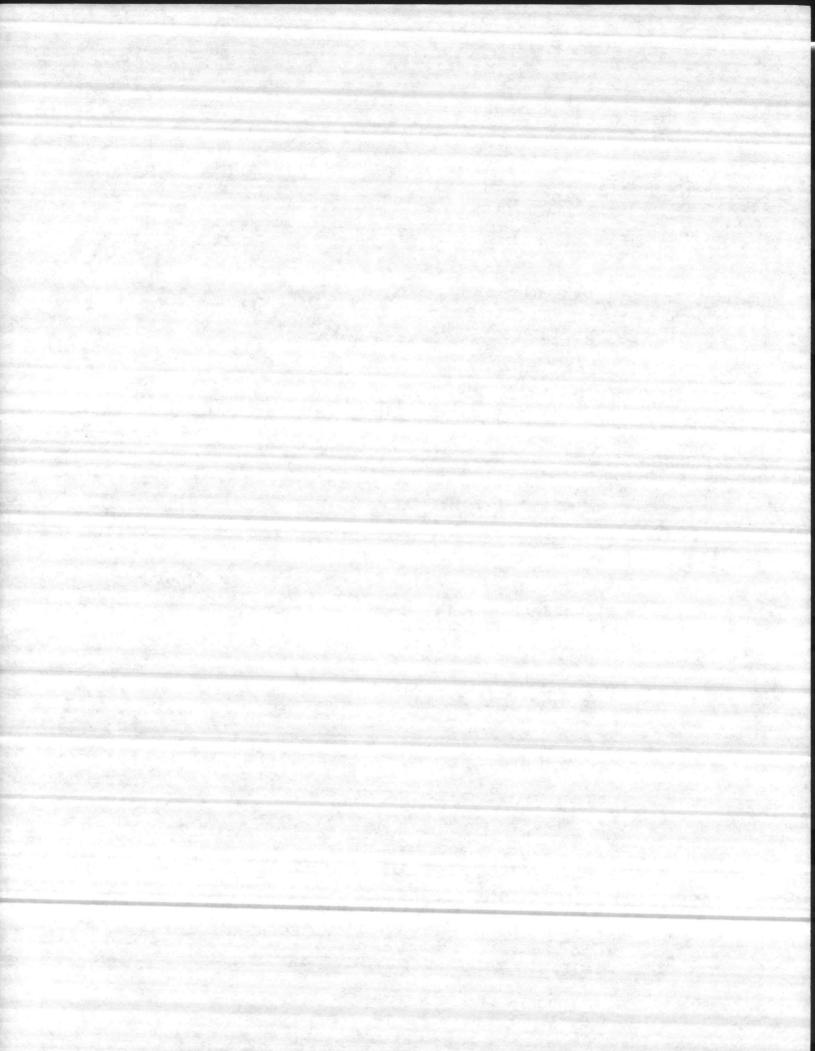






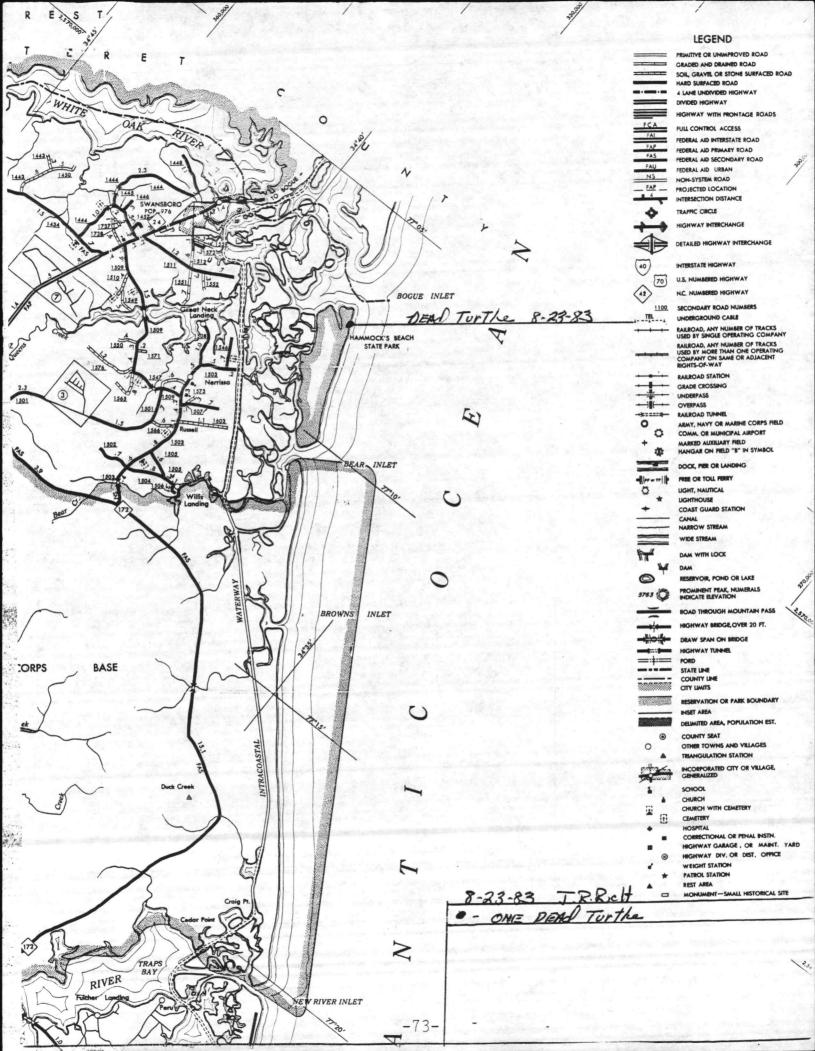
Date:	August 19 83 Time: S 06:01 F 08:04							
Recorder Name: _	Jerry R.	Jerry R. Rich						
Crew Names:	None	None Pilot: J. R. Rich						
Co-Pilot:	None	and the second	Crew	Chief: _	Chief: None			
Others:	None							
Weather: General	10,000 B	KN 3 mil	Les haze	Cloud Cov	er 10,000	BKN ·		
Wind Speed	SSW 10-1	5 K	S	ea Conditi	ons White	caps		
		BEACH A	ERIAL SURVE		tude 100 Speed 60			
Location	Crawls		Nests		Nest Predation			
	New	01d	New	01d	New	01d		
Onslow Beach	0	0	0	0	0	0		
Browns Island	0	0	0	0	0	0		
Bear Beach	0	0	2	3	0	0		
		OCEAN A	ERIAL SURVE	ys Alti	tude 300	Ft		
		OCLAN A	LRIAL SURVE		Speed 60	K		
	Live Turtles			Dead Turtles				
Bell Buoy from	Juvenile	Adu	Adults None					
Bogue Inlet to New River Inlet	None	None			None			
Comments:		1			Marine Marine			

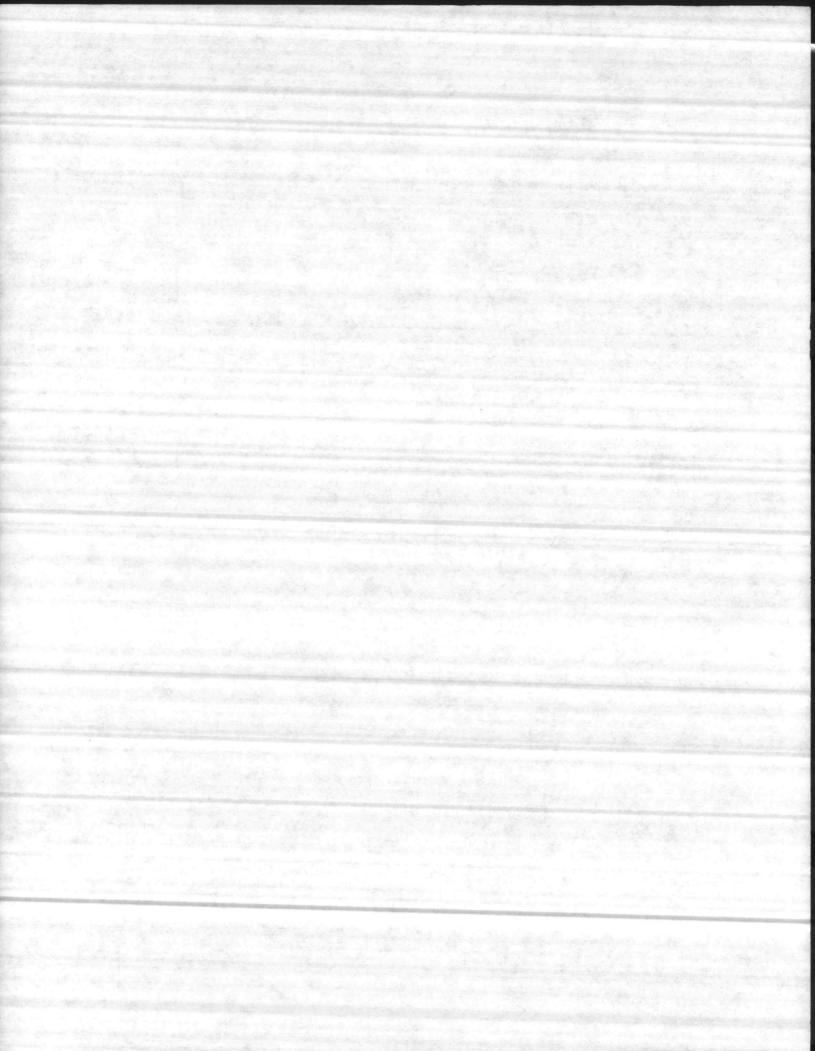




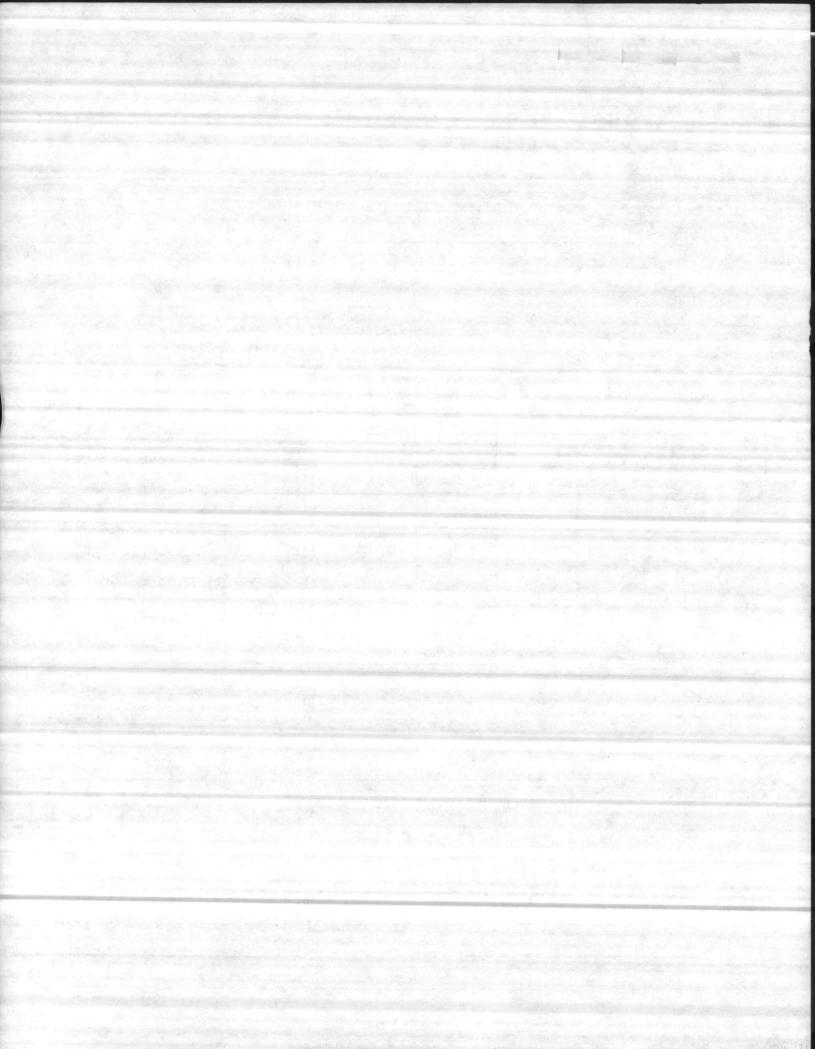
Date:	8-23	83	Time: S		F			
Recorder Name:	Jerry	Jerry R. Rich						
Crew Names:	None	in the second	Pilo	Little and Committee of the Committee of				
Co-Pilot:	None		Crew	Chief:				
Others:	None							
Weather: Genera	er <u>1000</u>	ove						
Wind Speed								
		BEACH	AERIAL SURVE		tude 100 Speed 60			
Location	Crawls		Nests		Nest Predation			
The State of the S	New	01d	New	01d	New	01d		
Onslow Beach	0	0	0	0	σ	0 .		
Browns Island	0	0	0	0	0	0		
Bear Beach	0	0	. 0	0	0	0		
		OCEAN	AERIAL SURVE		and the second	O Ft		
	Live Tu	Live Turtles Dead Tur						
Bell B _{loy} from Bogue Inlet to New River Inlet	Juvenile None		Adults None One		One dead turtle Bear Bear			
Comments:								

#보는 도둑은 이렇게 하는 것들다. 100mm 전에 되는 것들이 되었습니다. 100mm 전에 100mm 전에 되는 것을 받는 것을 받는





Co-Pilot: None Others: None Weather: General 200 Ft to mile fog Cloud Cover Wind Speed Sea Conditions BEACH AERIAL SURVEYS Altitude Air Speed Location Crawls Nests Nest Predation New Old New Old New Old Onslow Beach Unable to make flight due to weather, Kinston 200 ft. to miles fog from 05:00 thru 08:00. Check with range Browns Island control about making flight after 08:00. Unable to make flight after 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983	Date:	August 31 1983								
Co-Pilot: None Crew Chief: Others: None Weather: General 200 Ft 1 mile fog Cloud Cover Wind Speed Sea Conditions BEACH AERIAL SURVEYS Altitude Air Speed Location Crawls Nests Nest Predation New Old New Old New Old New Old Onslow Beach Unable to make flight due to weather, Kinston 200 ft. 1 miles fog from 05:00 thru 08:00. Check with range Browns Island control about making flight after 08:00. Unable to make flight after 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Buoy from Bague Inlet to New River Inlet	Recorder Name:	Jerry R. Rich								
Weather: General 200 Ft 1 mile fog Cloud Cover Wind Speed Sea Conditions BEACH AERIAL SURVEYS Altitude Air Speed Location Crawls Nests Nest Predation New Old New Old New Old New Old Onslow Beach Interpretation of the property of the	Crew Names:	None Pilot:								
Weather: General 200 Ft 1 mile fog Cloud Cover Wind Speed Sea Conditions BEACH AERIAL SURVEYS Altitude Air Speed Location Crawls Nests Nest Predation New Old New Old New Old New Old Onslow Beach Inlet to make flight due to weather, Kinston 200 ft. miles fog from 05:00 thru 08:00. Check with range control about making flight after 08:00. Unable to make flight after 08:00. Unable to make flight after 08:00. Unable to make flight after 08:00. Unable to control about making flight after 08:00. Unable to make flight after 08:00. Unable to control about making flight after 08:00. Unable to make flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Buoy from Bague Inlet to New River Inlet	Co-Pilot:	None Crew Chief:								
BEACH AERIAL SURVEYS BEACH AERIAL SURVEYS Altitude Air Speed Location Crawls Nest Nest Predation New Old New Old New Old New Old New Old Onslow Beach Inable to make flight due to weather, Kinston 200 ft. iniles fog from 05:00 thru 08:00. Check with range Browns Island control about making flight after 08:00. Unable to make flight after 08:00 pecause range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Booy from Bague Inlet to New River Inlet	Others:	None								
BEACH AERIAL SURVEYS Altitude Air Speed Location Crawls Nests Nest Predation New Old New Old New Old Unable to make flight due to weather, Kinston 200 ft. iniles fog from 05:00 thru 08:00. Check with range Browns Island control about making flight after 08:00. Unable to make flight arter 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Booy from Bague Inlet to New River Inlet	Weather: Genera	1 _ 200	Ft 4 mil	e fog	Cloud Cove	r				
Location Crawls Nests Nest Predation New Old New Old New Old	Wind Speed			S	ea Conditio	ns				
New Old New Old New Old New Old Onslow Beach Unable to make flight due to weather, Kinston 200 ft. including from 05:00 thru 08:00. Check with range on the control about making flight after 08:00. Unable to make flight after 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Buoy from Begue Inlet to New River Inlet			BEACH	AERIAL SURVE						
Onslow Beach Unable to make flight due to weather, Kinston 200 ft. inites fog from 05:00 thru 08:00. Check with range Browns Island control about making flight after 08:00. Unable to make flight after 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS. Altitude Air Speed Live Turtles Dead Turtles Bell Buoy from Begue Inlet to New River Inlet	Location	C	rawls	Ne	sts	Nest P	redation			
# miles fog from 05:00 thru 08:00. Check with range Browns Island control about making flight after 08:00. Unable to make flight after 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Live Turtles Dead Turtles Bell Broy from Begue Inlet to New River Inlet		New	01d	New	01d	New	01d			
Bear Beach Make flight after 08:00 because range in use from 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich	Onslow Beach									
Bear Beach 08:00 thru 17:00. Cancel flight for 31 August 1983 J. R. Rich OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Buoy from Bague Inlet to New River Inlet	Browns Island	control	about ma	king flight	after 08	00. Una	ole to			
OCEAN AERIAL SURVEYS Altitude Air Speed Live Turtles Dead Turtles Bell Buoy from Bague Inlet to New River Inlet	Bear Beach						The second section of the			
Bell Buoy from Begue Inlet to New River Inlet					J.	R. Rich				
Bell Buoy from Bague Inlet to New River Inlet			OCEAN	AERIAL SURVE						
from Begue Inlet to New River Inlet		Live	Turtles		D	ead Turtle	es .			
Comments:	from Bague Inlet to	Juveni	le A	Adults						
	Comments:									
							ang mad V, to I fam to help			





DEPARTMENT OF THE INTERIOR U.S. FISH AND WILDLIFF SERVICE

2. AUTHORITY-STATUTES

16 USC 1533(d)

REGULATIONS (Attached)

50 CFR 17.32

PRT 2-7844 4. RENEWABLE 5. MAY COPY

XX YES O NO

YY YES

6. EFFECTIVE 7. EXPIRES 6 1983 MAY 05/31/85

FEDERAL FISH AND WILDLIFE PERMIT

1. PERMITTEE

Camp Lejeune Marine Corps Base U.S. Marine Corps Camp Lejeune, North Carolina 28542

Hugh

8. NAME AND TITLE OF PRINCIPAL OFFICER (If #1 is a business)

Julian I. Wooten, Director

O TYPE OF PERMIT

THREATENED SPECIES

10. LOCATION WHERE AUTHORIZED ACTIVITY MAY BE CONDUCTED

Camp Lejeune, North Caroline

11. CONDITIONS AND AUTHORIZATIONS:

- GENERAL CONDITIONS SET OUT IN SUBPART D'OF SO CFR 13, AND SPECIFIC CONDITIONS CONTAINED IN FEDERAL REGULATIONS CITED IN BLOCK #2 ABOVE, ARE HEREBY MADE A PART OF THIS PERMIT. ALL ACTIVITIES AUTHORIZED HEREIN MUST BE CARRIED OUT IN ACCORD WITH AND FORTHE PURPOSES DESCRIBED IN THE APPLICATION SUBMITTED. CONTINUED VALIDITY OF ALL REQUIRED INFORMATION AND REPORTS:

 THE VALIDITY OF THIS PERMIT IS ALSO CONDITIONED APON STRICT OBSERVANCE OF ALL APPLICABLE FOREIGN, STATE, LOCAL OR OTHER FEDERAL LAW. A. GENERAL CONDITIONS SET OUT IN SUBPART D'OF
- B. THE VALIDITY OF THIS PERMIT IS
- C. VALID FOR USE BY PERMITTEE NAMED AND
 - D. Authorized to take green (Chelonia mydas) and loggerhead (Caretta caretta) sea turtles to tag and measure adults and to relocate nests for the purpose of scientific research and enhancement of survival PROVIDED. (1) only mests threatened by erosion, tides, extreme predation or military activities are moved, (2) nests may be relocated only to safe beach sites (not laboratories), (3) relocated nests are monitored and hatching success recorded, (4) the permittee may move nests only within 24 hours of egg deposition or after two weeks following deposition (preferably eggs should be moved within 12 hours of deposition) and (5) no eggs be removed or relocated outside the Camp Lejeune general beach vicinity
 - E. Nesting females should be double tagged by placing one tag on each front flipper.
 - F. The Atlanta, GA USFWS Endangered Species Office 1404/831-4671) must be notified before commencing the permitted activity.

ADDITIONAL CONDITIONS AND AUTHORIZATIONS ON REVERSE ALSO

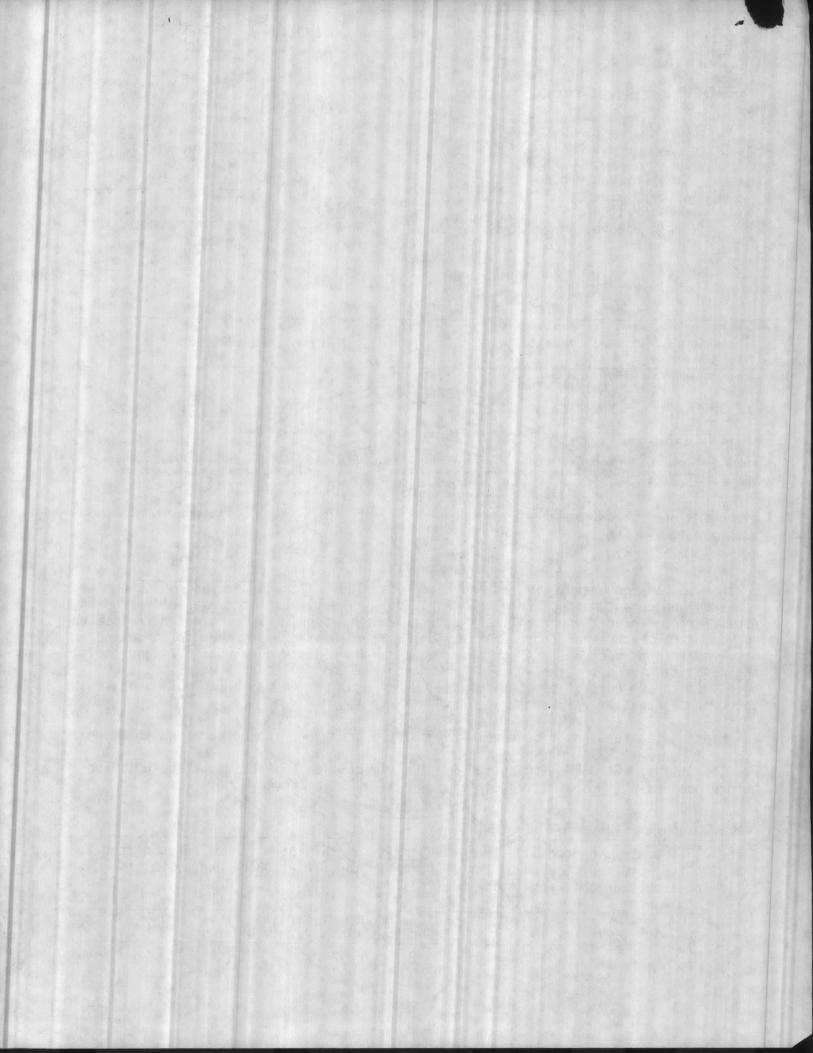
12. REPORTING REQUIREMENTS activities conducted under authority of this permit must be submitted to the Wildlife Permit Office, P.O. Box 3654, Arlington, VA 22203 by January 31st following each year this permit is in effect.

Chief, Branch of Permits Federal Wildlife Permit Office

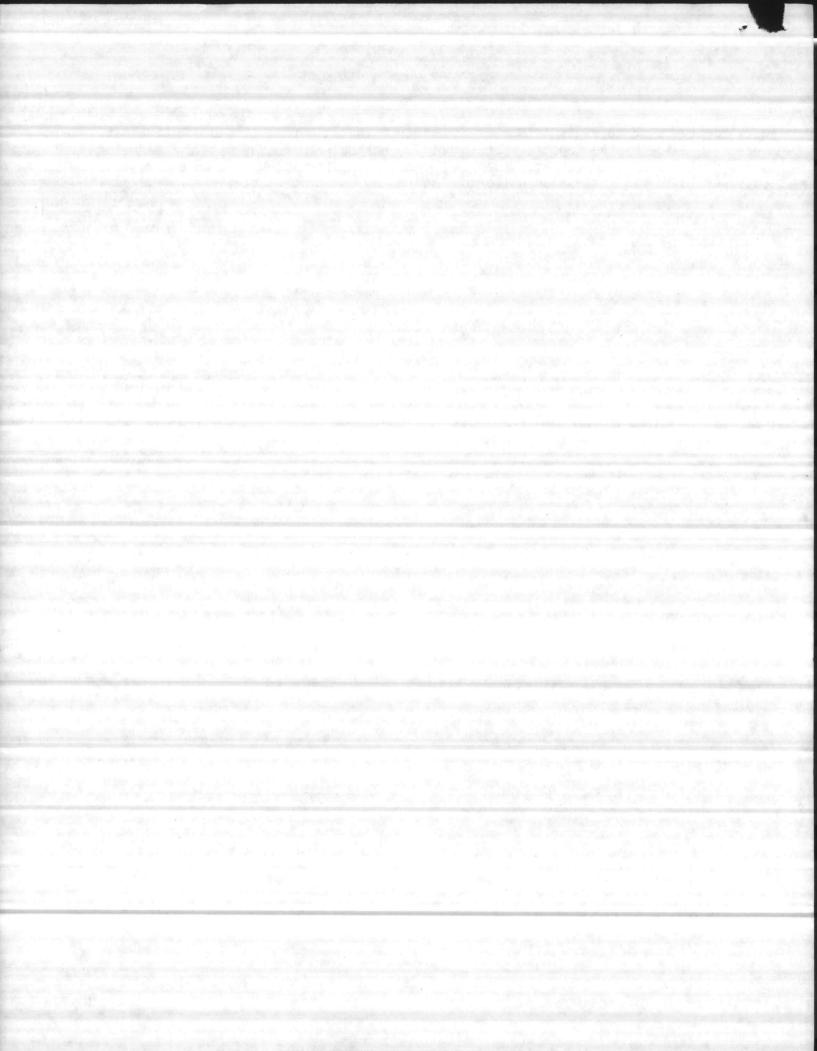
MAY

6 1983

ORIGINAL



G. Acceptance of this permit serves as evidence that the permittee understands and agrees to abide by the "Special Conditions for Marine Mammals and Native Endangered and Threatened Species Permits" (copy attached). The permittee must have a copy of this permit in his possession while conducting the authorized activities.





United States Department of the Interior

FISH AND WILDLIFE SERVICE WASHINGTON, D.C. 20240

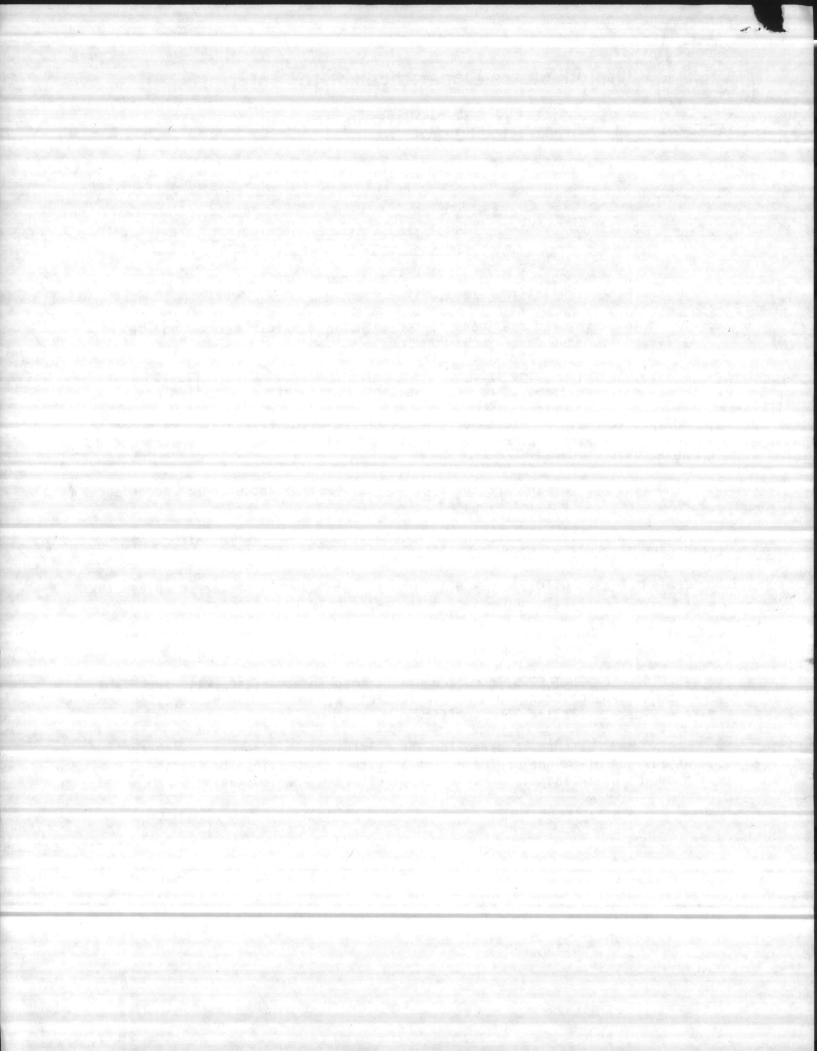
Implemented June 1982

Special Conditions for Marine Mammals and Native Endangered and Threatened Species Permits

- Permittee must comply with the attached General Permit Conditions specified by the Federal Wildlife Permit Office.
- Any dead or injured specimens of the authorized wildlife found may be salvaged or cared for.
- Unless otherwise authorized on the face of the permit, the wildlife must be immediately released at or near the capture site after permitted activity.
- 4. Unexpected death or escape of the authorized wildlife shall be reported to the Federal Wildlife Permit Office (703/235-1903) before the end of the next business day.
- 5. BIRD banding, marking, radio tagging, etc. must be conducted in accordance with a Federal Bird Marking and Salvage permit.

THE FOLLOWING CONDITIONS APPLY UNTIL AUTHORIZED DISPOSAL OF THE WILDLIFE, REGARDLESS OF THE EXPIRATION DATE OF THE PERMIT:

- The authorized wildlife may NOT be sold, donated or transferred unless the receiver has first been issued authorization by the Director.
- Any dead authorized wildlife shall be preserved and held for scientific purposes whenever practical.
- 8. Any live SEA TURTLES held must be maintained in accordance with the "Care and Maintenance Standards for Sea Turtles Held in Captivity" specified by the Federal Wildlife Permit Office.
- 9. MARINE MAMMALS must be cared for and maintained in accordance with the Animal and Plant Health Inspection Service's regulations on "Marine Mammals; Humane Handling, Care, Treatment, and Transportation".



SEA TURTLE INVENTORY

for

SUMMER AND FALL 1983

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
ASSISTANT CHIEF OF STAFF, FACILITIES
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

JULIAN I. WOOTEN DIRECTOR

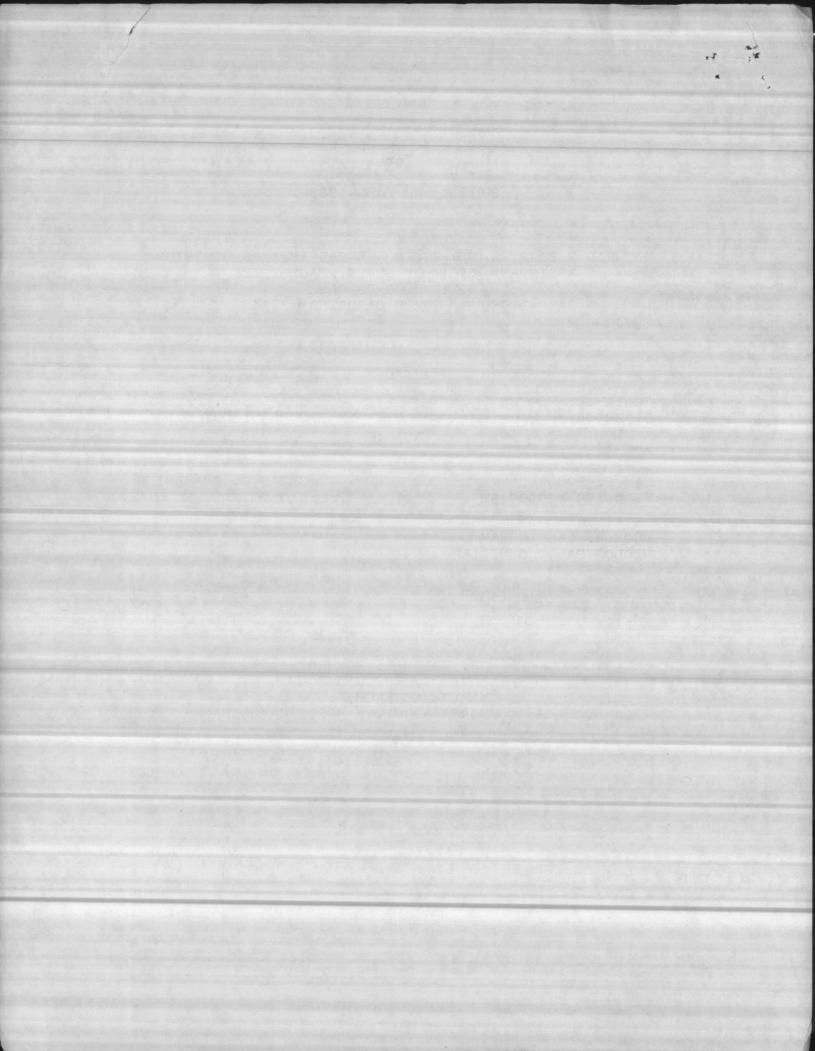
CHARLES D. PETERSON SUPERVISORY WILDLIFE MANAGER

SAM F. POOLE WILDLIFE BIOLOGIST

BRIAN C. SPAULDING BIOLOGICAL TECHNICIAN

HUGH R. PASSINGHAM BIOLOGICAL TECHNICIAN

> DR. FRANK B. SCHWARTZ ADVISOR, INSTUTUTE OF MARINE SCIENCE, MOREHEAD CITY, NORTH CAROLINA



SEA TURTLE INVENTORY

for

SUMMER AND FALL 1983

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
ASSISTANT CHIEF OF STAFF, FACILITIES
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

JULIAN I. WOOTEN DIRECTOR

CHARLES D. PETERSON SUPERVISORY WILDLIFE MANAGER

SAM F. POOLE WILDLIFE BIOLOGIST BRIAN C. SPAULDING BIOLOGICAL TECHNICIAN

HUGH R. PASSINGHAM BIOLOGICAL TECHNICIAN

DR. FRANK B. SCHWARTZ
ADVISOR, INSTUTUTE OF
MARINE SCIENCE,
MOREHEAD CITY, NORTH CAROLINA

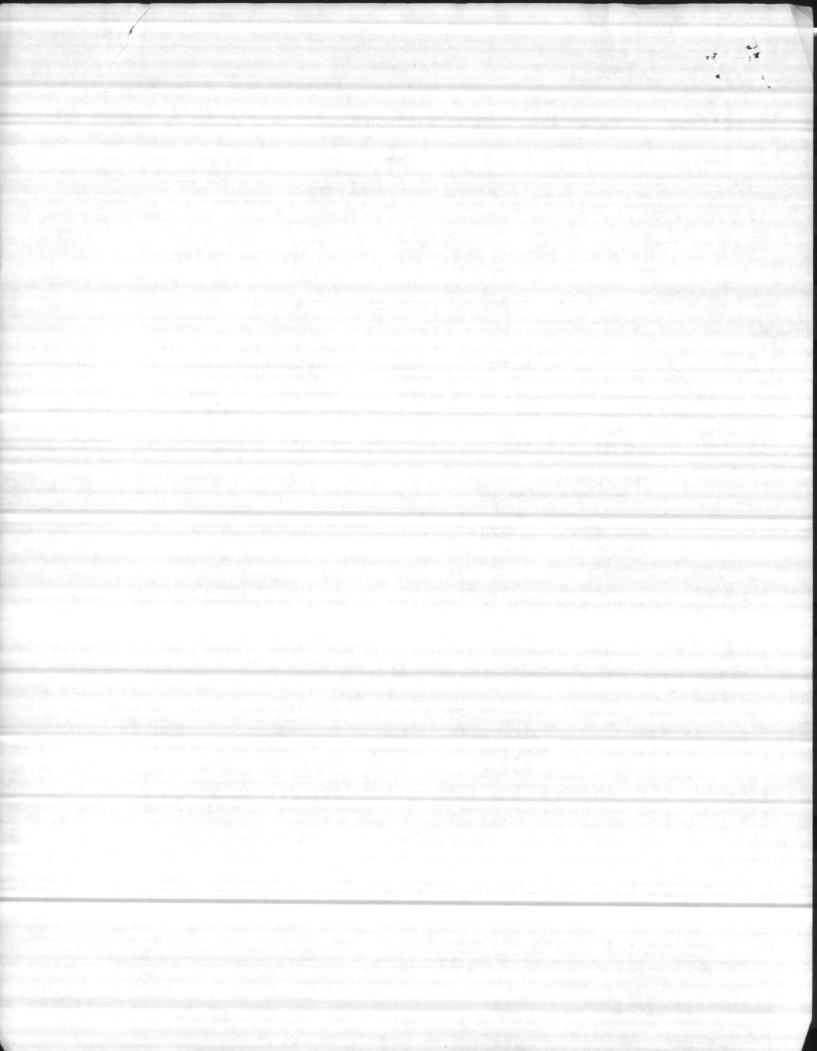
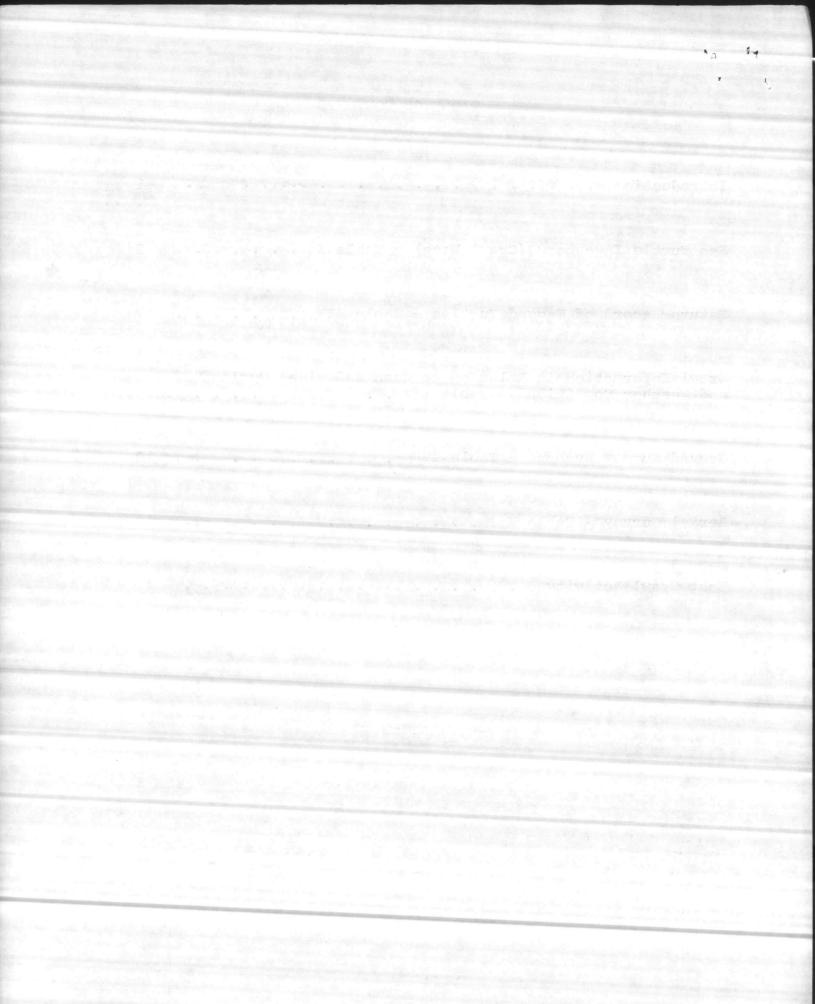


TABLE OF CONTENTS

Introduction	1
Sea Turtle Inventory (Crawl Data) - Table I	2
Return Record of Tagged Turtles - Table III	7
Crawl Information in Relation to Moon and Tidal Cycles and Weather Conditions - Table III	8
Ground Survey Numbers - Table IV	10
Aerial Survey - Table V	12
Nest Crawl Activity	13



INTRODUCTION

The sea turtle inventory for 1983 is a continuation of past efforts by Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune, North Carolina, to protect sea turtle nesting activities at Onslow Beach. The sea turtle inventory consists of several programs including: nest protection, tagging of adult turtles, collecting nesting data, determining hatchling success and aerial surveys.

Management personnel began operating under a Federal Fish and Wildlife Permit during 1981, issued for working with threatened Loggerhead and Green Turtles. The permit authorizes the tagging and measurement of adults and the relocation of nests threatened by erosion, tides, extreme predation or military training activities. Nests may be moved only within 36 hours of egg laying to a safe beach location and not to a laboratory. Relocated nests are required to be monitored and hatchling success documented.

The results of the aforementioned programs are as follows:

- a. Nest protection from predators, 100%.
- b. Tagging of adults number of turtles tagged 14. Tag return data may be reviewed in Table II, page 7.
 - c. Nesting data number of nests 42.
 - d. Total number of crawls 103

12 . .

- e. Total number of eggs 5,031
- f. Total number of hatchlings 3,753
- g. Number of tag returns 4
- h. Number stranded turtles 2

Stranding reports were submitted to the North Carolina Wildlife Resources Stranding Network Coordinator. Carcasses were buried on the beach.

Percent hatchling success is 80.9% nesting and crawl data is compiled in Tables I, II, III, IV and V, and Graphs I and II on pages 2 through 15. The enclosed maps indicate locations of turtle activity on Onslow Beach.

Aerial survey data may be found in Table V, page 12.

The Marine Corps Base, Camp Lejeune and Natural Resources and Environmental Affairs Division give special thanks to Doctor F. J. Schwartz at the Institute of Marine Science, Morehead City for his advice and services.

For copies of this report or other information concerning the sea turtle management program conducted by this agency, contact: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542, Attention: Director, Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Facilities.

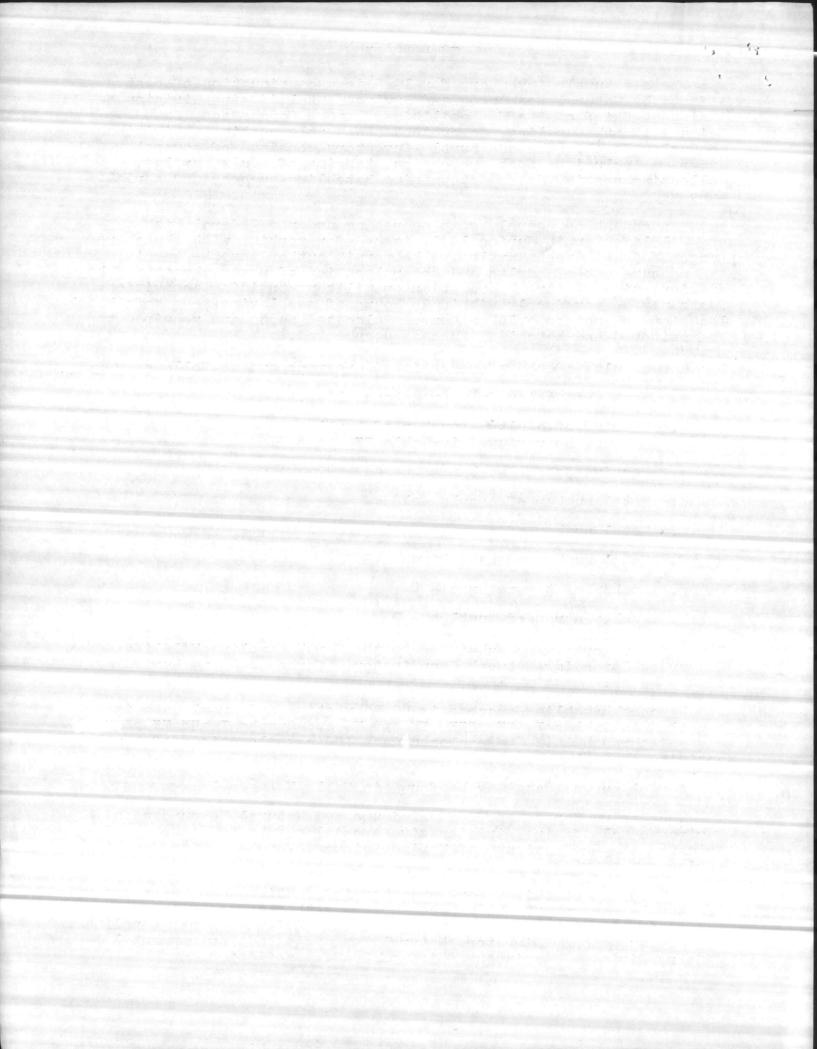
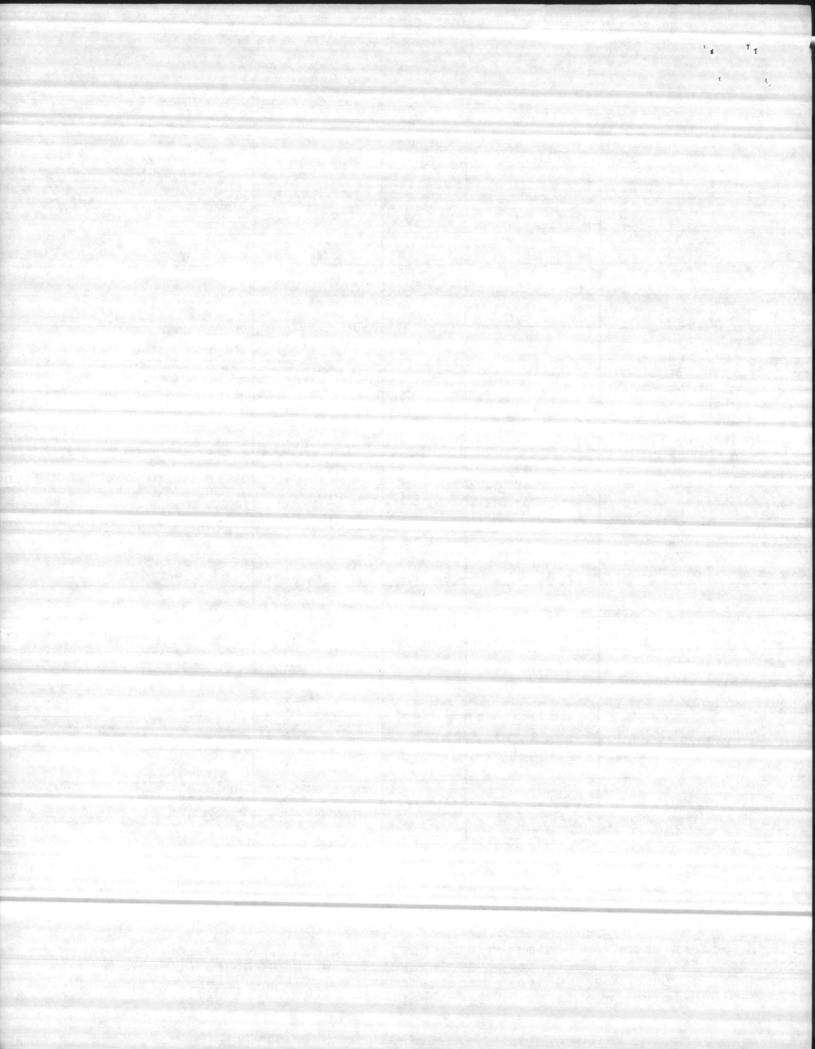


TABLE I Marine Corps Base Camp Lejeune, North Carolina

Crawl		Time Crawl	Active	40.0	
No.	Date	Occurred	Nest	Location*	Comments
001	6-8-83	2330	Х.	1.6(S)	Relocated to dune 160 eggs Tags AAR 051,052
002	6-11-83	0330		2.6(N)	C.O.
003	6-13-83	0330-0600		3.5(N)	C.O.
004	6-13-83	0330-0600		2.3(N)	c.o.
005	6-15-83	2330	Х	1.6(S)	Relocated from 1.2(S) 121 eggs
006	6-15-83	2330		2.6(S)	c.o.
007	6-15-83	2400	Х	2.3)S	Relocated from 2.9(S) 158 eggs Tags AAR 053,054
008	6-16-83	2300	Х	3.7(N)	Relocated from 3.9(N) 142 eggs Tags AAR 055,056
009	6-16-83	2400		0.5(S)	C.O.
010	6-17-83	0430-	X	1.1(N)	94 eggs. Relocated to dune
011	6-17-83	0330-0600	na systema	3.0(N)	c.o.
012 .	6-18-83	2300	Х	3.6(N)	Relocated 8' to dune 129 eggs
013	6-18-83	2400		2.3(N)	c.o.
014	6-18-83	2430		3.7(N)	c.o.
015	6-19-83	2200	X	2.3(S)	Relocated from 2.7(S) 90 eggs Réturn IBS 813,814
016	6-19-83	0135	X	2.3(N)	Relocated from 2.0(N) 133 eggs Tags AAR 059,060
017	6-20-83	2300	Х	3.6(N)	Relocated to dune 105 eggs Tags AAR 061,062
018	6-20-83	0230	X	2.3(N)	Relocated to dune * * 138 eggs Return IMS768,769
019	6-20-83	0330-0600		1.6(N)	C.O.
020	6-24-83	2200	X	2.2(N)	Relocated to dune 107 eggs Tags AAR 065,066
021	6-26-83	2330	X	2.2(N)	Relocated from 0.7(S) 130 eggs

^{**} Retagged AAR 063, 064

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.



SEA TURTLE INVENTORY (Crawl Data) TABLE I

Marine Corps Base Camp Lejeune, North Carolina

Crawl No.	Date	Time Crawl Occurred	Active Nest	Location*	Comments
022	6-28-83	0200	X	1.0(N)	Relocated to dunes 111 eggs
023	6-30-83	2200		2.6(S)	Return IMS 716, AAR 071 C.O. disturbed turtle
024	6-30-83	0045		1.7(N)	c.o.
025	7-1-83	0200		2.1(N)	C.O. Tags AAR 067, 068
026	7-1-83	2200	10-0g	2.7(N)	Disturbed turtle C.O. Tags AAR 069 070
027	7-1-83	2130	Х	4.0(N)	Relocated to dune 138 eggs Ret. IMS 813,814
028	7-1-83	2200	X	2.3(N)	Relocated to dune 17 Eggs Ret.IMS716,AAR071
029	7-2-83	0030		3.7(N)	C.O.
030	7-2-83	0200		1.6(N)	C.O.
031	7-2-83	0215	Х	0.1(N)	Relocated from 0.05(S) 122 eggs Ret.AAR 067,068
032	7-2-83	0215		0.6(S)	C.O.
033 •	7-2-83	0215	X	2.1(N)	Return AAR 069,070 134 eggs
034	7-2-83	2145		1.6(N)	c.o.
035	7-2-83	2245		2.1(N)	c.o.
036	7-2-83	2245	Х	2.7(N)	Relocated to dune 135 eggs Ret.AAR 059,060
037	7-2-83	2315		3.0(N)	C.O. Return IMS 817,064
038	7-2-83	2330	X	0.6(N)	Relocated from 1.0(S) 137 eggs Tags AAR 072,073
039	7-3-83	0145	Х	0.6(N)	Relocated to dune 99 eggs Ret.IMS716 AAR 071
040	7-5-83	2400		2.6(N)	C.O.
041	7-5-83	2200	X	3.0(N)	Relocated 14' to dune 119 eggs
042	7-5-83	2300		3.7(N)	C.O.

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.

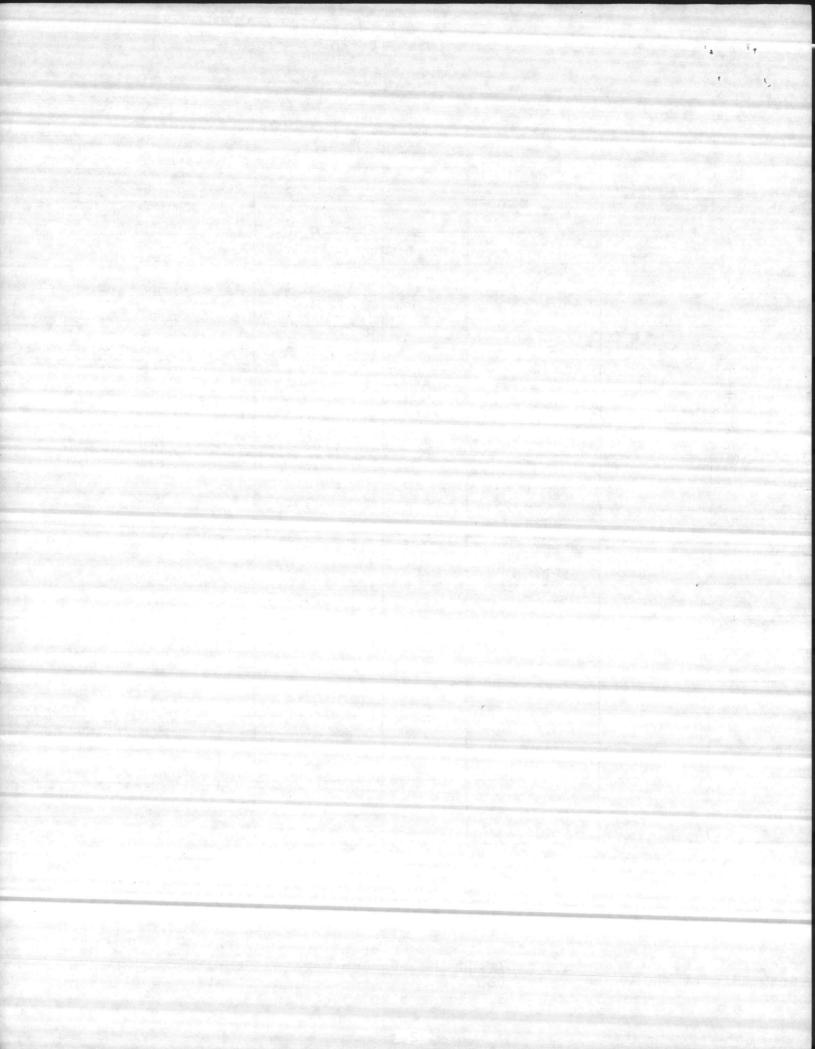


TABLE I Marine Corps Base Camp Lejeune, North Carolina

Crawl No.	Date	Time Crawl	Active Nest	Location*	Comments
043	7-5-83	2330	X	3.6(N)	56 eggs
044	7-6-83	0300-0600		0.5(N)	C.O.
045	7-8-83	0100	X	0.4(N)	Relocated to dune 144 eggs Tags AAR 074,075
046	7-10-83	2400	X	2.3(S)	Relocated from 3.6(S) 128 eggs Ret.AAR 051, 052
047	7-10-83	0100\	periodo de la composição de la composição O composição de la composição de	0.1(S)	C.O.
048	7-11-83	2300		1.5(N)	c.o.
049	7-11-83	0100	X	2.3(N)	101 eggs. Ret.AAR 065, 066
050	7-11-83	2400	X	2.3(N)	Relocated from 4.5(N) 128 eggs
051	7-13-83	0135		4.2(N)	C.O.
052	7-14-83	2400		2.1(N)	C.O.
053	7-15-83	0300-0600		1.7(N)	C.O.
054 .	7-15-83	0300-0600	Х	1.7(N)	Relocated to dune 142 eggs
055	7-16-83	2120		0.4(N)	C.O.
056	7-16-83	2230	Х	0.8(N)	Relocated to dune 58 eggs Tags IMS 820,821
057	7-16-83	2315	Х	2.3(N)	Tags IMS 822, 823 117 eggs
058	7-16-83	0040		2.5(N)	C.O.
059	7-16-83	0130	X	0.1(N)	Relocated to dune
060	- 7-17-83	0300-0600		3.8(N)	C.O. (2 body pits)
061	7-17-83	0300-0600		0.4(N)	C.O.
062	7-17-83	0300-0600		1.2(S)	C.O.
063	7-17-83	2230		0.7(N)	C.O.

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.

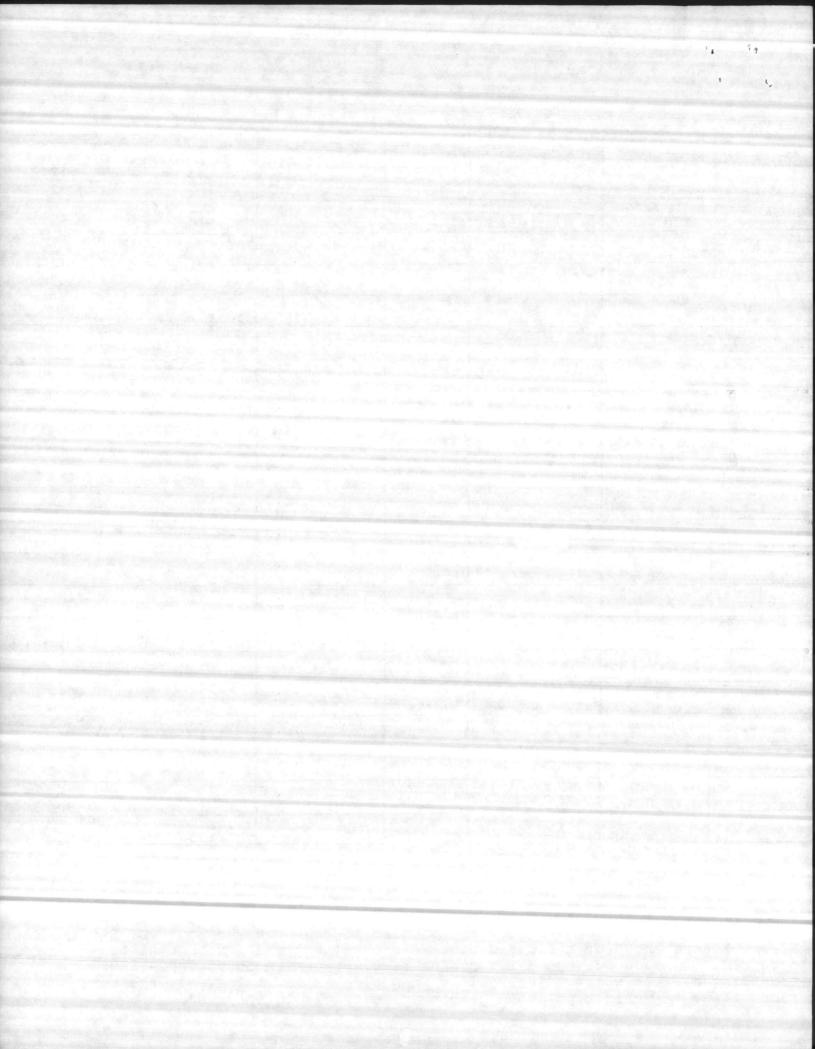


TABLE I Marine Corps Base Camp Lejeune, North Carolina

Crawl		Time Crawl	Active		
No.	Date	Occurred	Nest	Location*	Comments Relocated from 2.7(N)
064	7-17-83	2200	· X	2.6(N)	119 eggs Ret.AAR 061, 062
065	7-17-83	2330	X	0.4(N)	Relocated to dune 161 eggs Ret.IMS 716,AAR
066	7-17-83	2400	Х	0.4(N)	Relocated from 3.1(N) 146 eggs Ret.IMS 768, 769
067	7-21-83	2400		1.8(N)	c.o.
068	7-27-83	2300		4.0(N)	C.O. Ret. TMS 817, 064
069	7-27-83	2300		3.7(N)	C.O. Tags AAR 079,080
070	7-27-83	2300		0.2(S)	C.O. Halfway up beach
071	7-27-83	2400		0.3(N)	C.O.
072	7-28-83	2215		2,2(N)	C.O. Ret. IMS 817,064
073	7-28-83	223.0	Х	2.1(N)	Relocated to dune 70 eggs Ret. AAR 079,080
074	7-28-83	2230	Х	0.4(N)	137 eggs Relocated to dune
075 .	7-28-83	2400		2.9(N)	C.O.
076	. 7-28-83	0200	X	2.7(N)	134 Eggs Ret.AAR 069, 070
077	7-29-83	0030	Х	2.9(N)	Relocated to dune 90 eggs Tags AAR 081,082
078	7-29-83	0200		1.3(N)	c.o.
079	7-29-83	0220	X	0.9(S)	163 eggs Relocated to Dune
080	7-30-83	2300	X	2,2(N)	127 eggs Relocated to dune
081	7-30-83	2345		2.4(N)	c.o.
082	7-30-83	0300-0600		1,1(S)	C.O.
083	8-3-83	0300-0600		0.1(N)	c.o.
084	8-5-83	2210	Х	3.8(N)	140 eggs Relocated to dune

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.

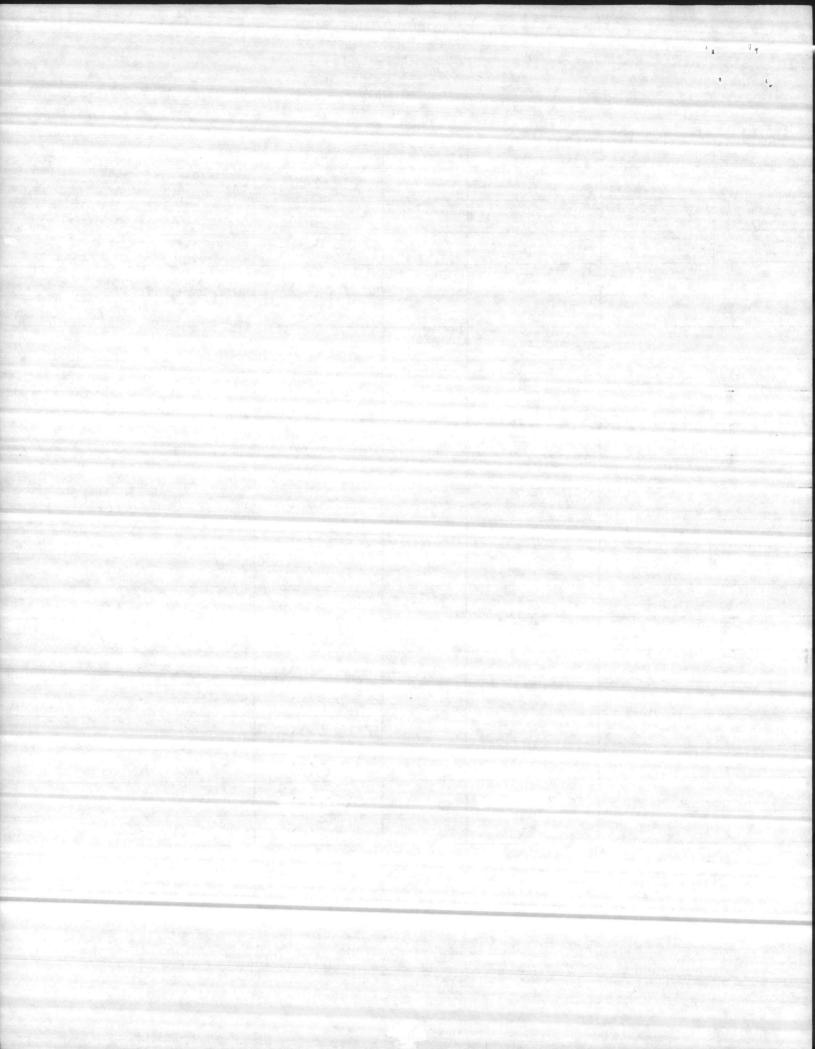


TABLE I Marine Corps Base Camp Lejeune, North Carolina

0 - 1				14. a. a. a. 6. 5. a.	
Crawl No.	Date	Time Crawl Occurred	Active Nest	Location*	Comments
085	8-8-83	2245		2,8(N)	Halfway up beach C.O. Ret.AAR 059, 060
086	8-8-83	2230		2.2(N)	C.O. Halfway up beach
087	8-12-83	2400		2.6(N)	C.O. Halfway up beach
088	8-12-83	0130	Х	3.5(N)	Relocated to dune 124 Eggs. Ret.AAR 069,070
089	8-18-83	0120 \	X	2.9(N)	lll eggs. Reloc. to dunes
		4 4 4			
	The man			4	

			and the same of th		
the second secon					

^{*} Location measured to nearest tenth of mile to the north or south of Risely Pier. Record known or estimated time when crawl was made or thought to have occurred. Conduct surveys daily during regular working hours 0800-1630 traveling by four wheel drive vehicle when tide is low. Traverse the beach flood plane in vehicle to avoid leaving tire tracks in the sand.

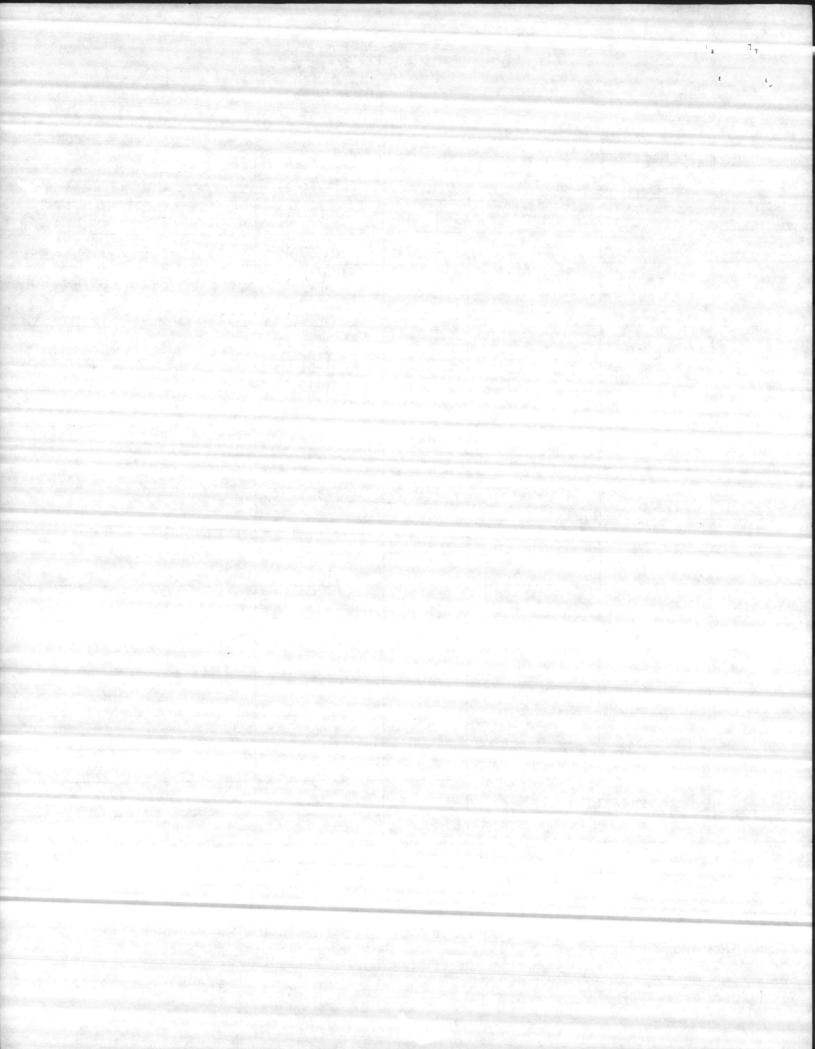


TABLE II

RETURN RECORD OF TAGGED TURTLES 1983 SEA TURTLE INVENTORY

Date	Tag 116 4	15/2		
Tagged	Number TMS 746 AARO71	Return	Return	Return Return
6-30-81 (3)	IMS 746, AAR071	6-30-83 (1)	7-1-83	7-3-83 7-17-83
1981 (4)	IMS 817, 064	7-2-83 (1)	7-27-83 (1)	7-28-83 (1)
8-1-81 (2)	IMS 768, 769	6-20-83	7-17-83	
Ale 7661	(AAR 063, 064)			
7-27-82√	IMS 813, 814	6-19-83	7-1-83	
6-8-83	AAR 051, 052	7-10-83		
6-15-83	AAR 053, 054			
6-16-83	AAR 055, 056			
6-19-83	AAR 059, 060	7-2-83	8-8-83	
6-20-83	AAR 061, 062	7-17-83		
6-24-83	AAR 065, 066	7-11-83		
7-1-83 (1)	AAR 067, 068	7-2-83		
7-1-83 (1)	AAR 069, 070	7-2-83	7-28-83	8-12-83
7-2-83	AAR 072, 073			
7-8-83	AAR 074, 075			
7-16-83	IMS 820, 821			
7-16-83 7-21-83 7-27-83 (1)	IMS 822, 823 AAR 676, 678 AAR 079, 080	7-28-83		
7-29-83	AAR 081, 082			

- (1) Did not nest
- (2) Retagged
- (3) Added one tag
- (4) Tagged at Cape Lookout (TMS 817)

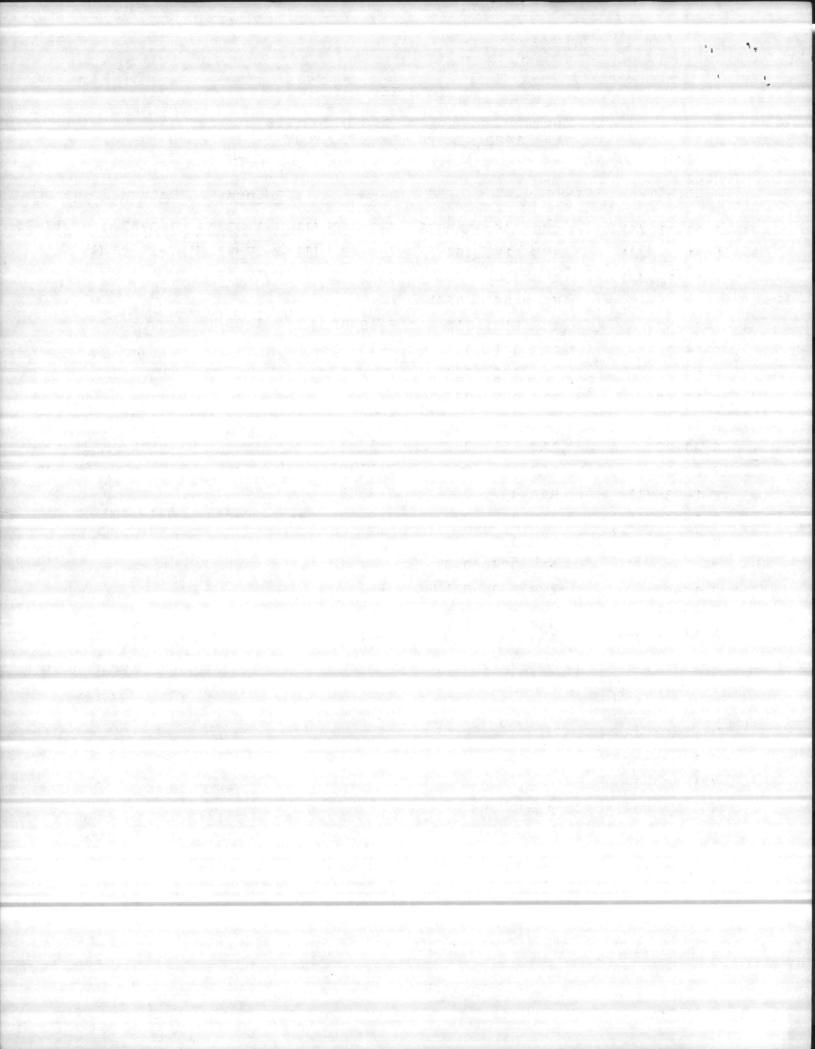


TABLE III

CRAWL INFORMATION IN RELATION TO MOON AND TIDAL CYCLES AND WEATHER CONDITIONS

						C. 12	
Date	Moon Rise % Illumin.	Time of High Tide	Time Crawl W/O Nest	Time Crawl W/Nest	Total Crawls	Weather	Temp H2O - AIF
6-8-83	0258 - 13%	1730		2330	1	Fair	70° - 69°
6-11-83	0457 - 00%	1955	0330		1	Fair	70° - 65°
6-13-83	0658 - 15%	2138	0730/0400		2	P/Cloudy	0 0
6-15-83	0919 - 20%	2331	2330	2330/2400	3	Clear	75° - 77°
6-16-83	1029 - 30%	2400	2400	2300	2	Clear	79° - 75°
6-17-83	1137 - 41%	0032	0300	0430	2	Clear	77° - 75°
6-18-83	1242 - 52%	0134	2400/2430	2300	3	Clear	79° - 77°
6-19-83	1346 - 63%	0236		2200/0135	2	P/Cloudy	0 0
6-20-83	1448 - 73%	0336	0330/0600	2300/0230	3	Cloudy	80° - 77°
6-24-83	1849 - 98%	1920		2200	1	Fair	78° - 78°
6-26-83	2034 -100%	2039		2330	1	P/Cloudy	79° - 75°
6-28-83	2158 - 94%	2154	0000 (00) 5	0200	1	P/Cloudy	79° - 80°
6-30-83	2303 - 81%	2314	2200/0045/ 0200		3	P/Cloudy	78° - 78°
7-1-83	2340 - 73%	2356	2200/0030/ 0200/0215	2130/2200/ 0215/0215	8	P/Cloudy	79° - 78°
7-2-83	2400 - 65%	0041	2145/2245/ 2315	2245/2330/ 0145	6	- 1	
7-5-83	0105 - 35%	0231	2400/2300	2200/2330	4	Cloudy	78° - 75°
7-6-83	0138 - 25%	0326	0330/0600		1	Cloudy	78° - 78°
7-8-83	0301 - 9%	1734		0100	1	Clear	77° - 88°
7-10-83	0458 - 0%	1941	0100	2400	2	Cloudy	78° - 78°
7-11-83	0608 - 0%	2032	2300	0100/2400	3	P/Cloudy	79° - 78°
7-13-83	0834 - 9%	2218	0135		1	Clear	79° - 78°
7-14-83	0945 - 17%	2313	2400		1	B/Cloudy	80° - 80°
7-15-83	1052 - 27%	1148	0300/0600	0330/0600	2	Clear	80° - 85°
7-16-83	1157 - 38%	0011	2120/0040/	2230/2315/	8	Clear	78° - 80°

0300/0600/ 0300/0600/ 0300/0600

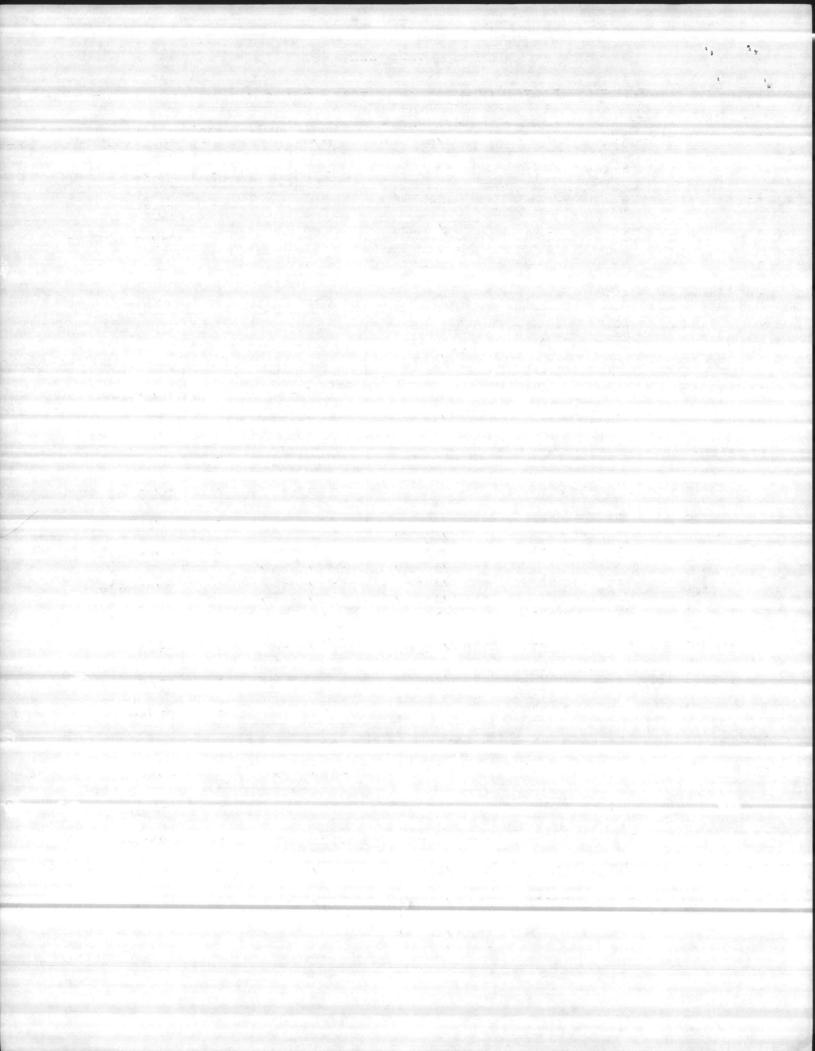


TABLE III (continued)

CRAWL INFORMATION IN RELATION TO MOON AND TIDAL CYCLES AND WEATHER CONDITIONS

	Moon Rise	Time of	Time Crawl	Time Crawl	Total	Temp	1
Date	% Illumin.	High Tide	W/O Nest	W/Nest	Crawls	Weather	H20 - AIR
7-17-83	1300 - 49%	0110	2230	2200/2330/ 2400	4	P/Cloudy	0 0
7-21-83	1701 - 86%	1728	2400		1	Clear	80°- 85°
7-27-83	2114 - 96%	2126	2300/2300/ 2300/2400		4	Clear	80°- 79°
7-28-83	2142 - 92%	2201	2215/2400	2230/2230/	5	Clear	80°- 80°
7-29-83	2210 - 86%	2238	0200	0030/0220	3	Cloudy	76°- 72°
7-30-83	2237 - 79%	2316	2345/0300/ 0600	2200	3	Clear	79°- 80°
8-3-83	0010 - 40%	0150	0300-0600		1	Cloudy	79°- 77°
8-5-83	0138 - 20%	1636		2210	1_	Clear	74°- 80°
8-8-83	0455 - 1%	1925	2245/2230		2	P/Cloudy	82°- 82°
8-12-83	0943 - 24%	2252	2400	0130	2	Cloudy	75°- 75°

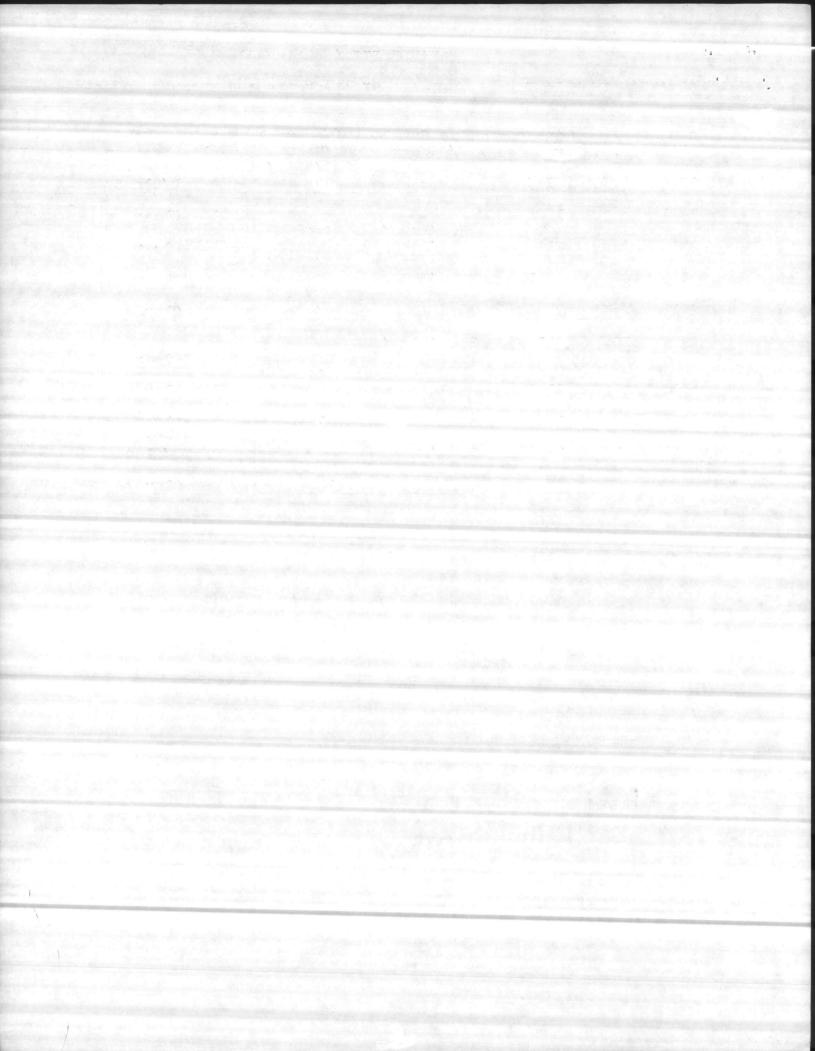


TABLE IV
GROUND SURVEY NUMBERS

(Nights not separated at Midnight)

Date	Crawls/No	Nest	Crawls/Nest	Total
6-8-83	0		1	1
6-9-83	0		0	0
6-10-83	0		0	0
6-11-83	1		0	1
6-12-83	0		0	0
6-13-83	2		0	2
6-14-83	0		0	0
	1		2	3
6-15-83	1		1	2
6-16-83	1		1	2
6-17-83	2		1	3
6-18-83	0		2	2
6-19-83			2	3
6-20-83	1		0	0
6-21-83	0		0	0
6-22-83	0			0
6-23-83	0		0	1
6-24-83	0		1	0
6-25-83	0		0	
6-26-83	0		1	1
6-27-83	0		0	0
6-28-83	0		1	
6-29-83	0		0	0
6-30-83	3		0	3
7-1-83	4		4	8
7-2-83	3		3	6
7-3-83	0		0	0
7-4-83	0		0	0
7-5-83	2		2	4
7-6-83	1		0	1
7-7-83	0		0	0
7-8-83	0		1	1
7-9-83	0		0	0
7-10-83	1		1	2
7-11-83	1		2	3
7-12-83	0		0	0
7-13-83	1		0	1
7-14-83	1		0	1
7-15-83	1		1	2
7-16-83	5 1		3	8
7-17-83	1		3	4
7-18-83	0		0	0
7-19-83	0		0	0
7-20-83	0		0	0
7-21-83	1		0	1
7-22-83	0		0	0
7-23-83	0		0	0
7-24-83	0		0	0
7-25-83	0		0	0
7-26-83	0		0	0
7-27-83	4		0	4
7-28-83	2		3	5
7-29-83	1		2	3
			1.0	

-1 0-

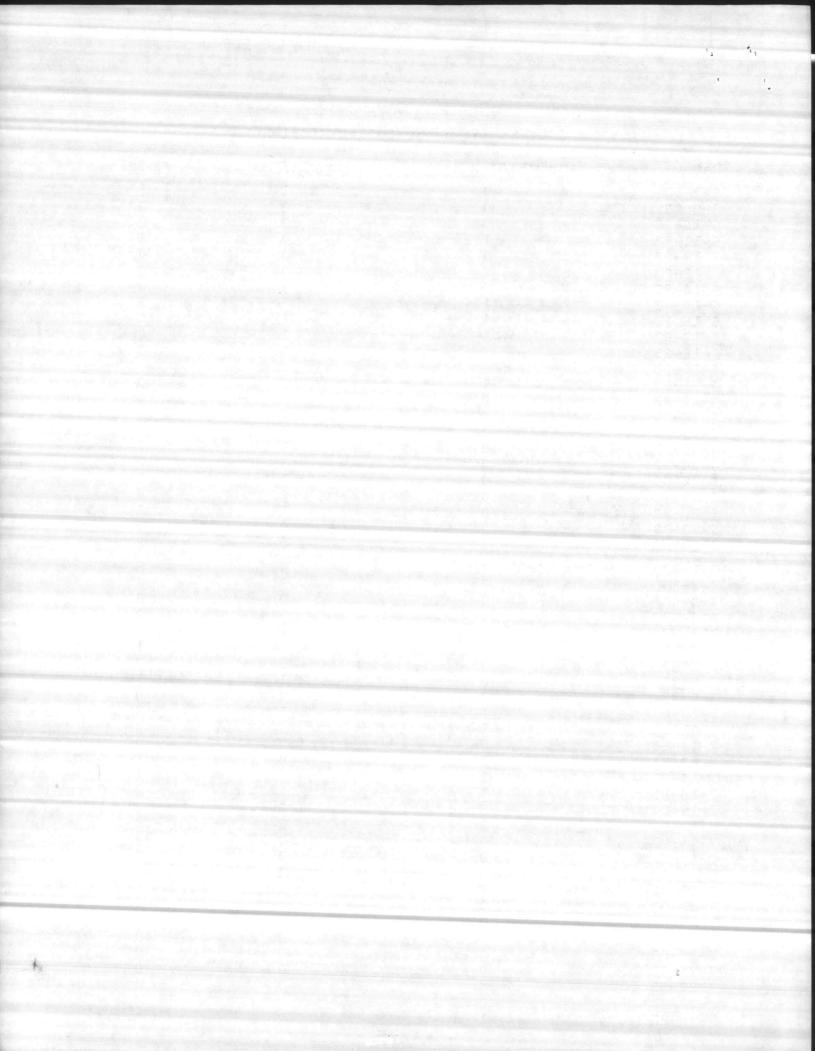


TABLE IV
GROUND SURVEY NUMBERS

(Nights not separated at Midnight)

<u>Date</u>	Crawls/No Nest	Crawls/Nest	Total
7-30-83 7-31-83	2 0	1 0	3
8-1-83 8-2-83 8-3-83 8-4-82 8-5-83 8-6-83 8-7-83 8-8-83 8-9-83	0 0 1 0 0 0 0 0 2 0	0 0 0 0 1 0 0 0	0 0 1 0 1 0 0 2
8-11-83 8-12-83 8-13-83	1 0	0 0	2

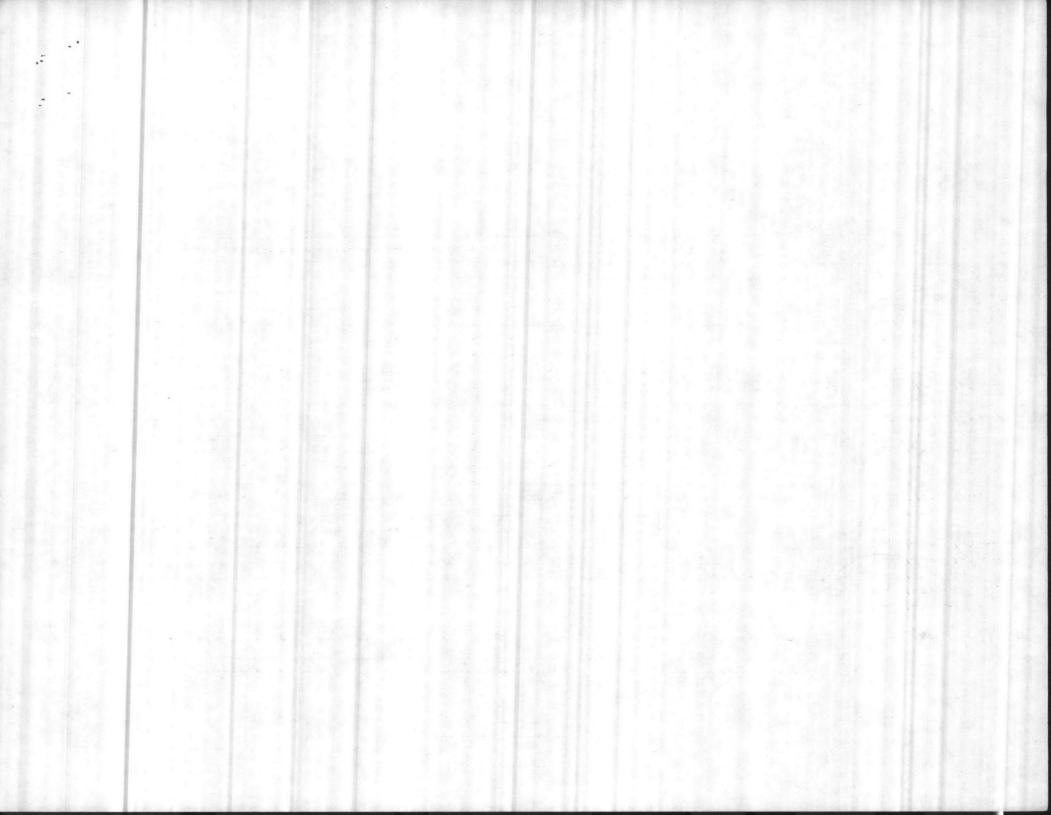


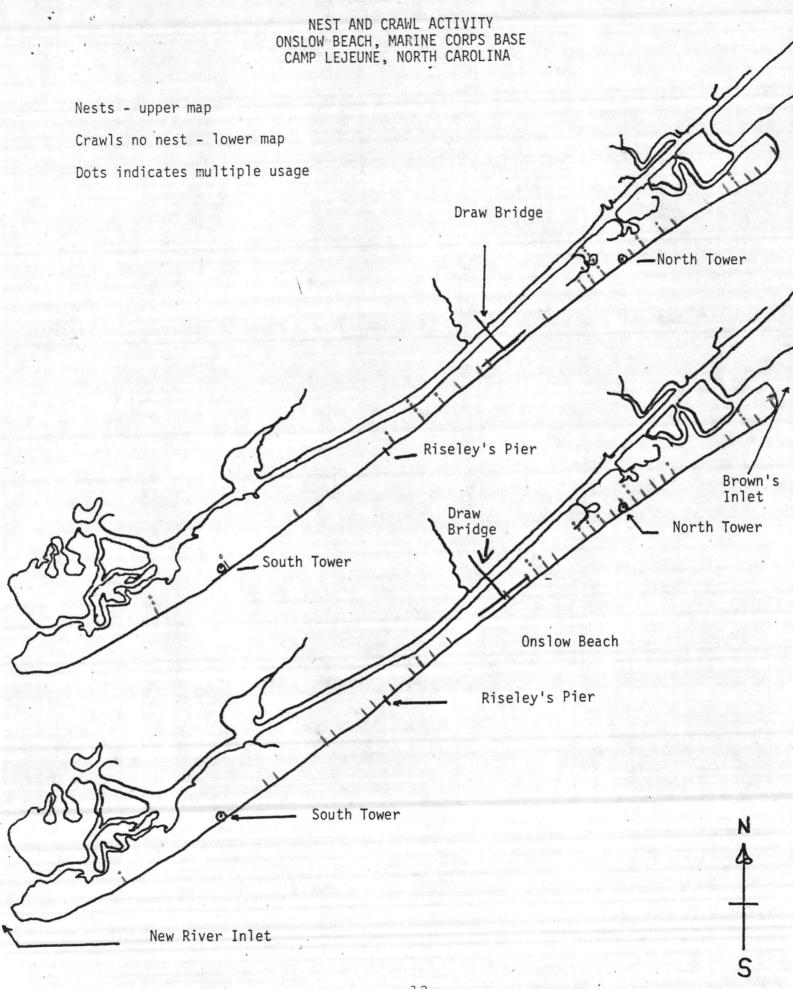
TABLE V

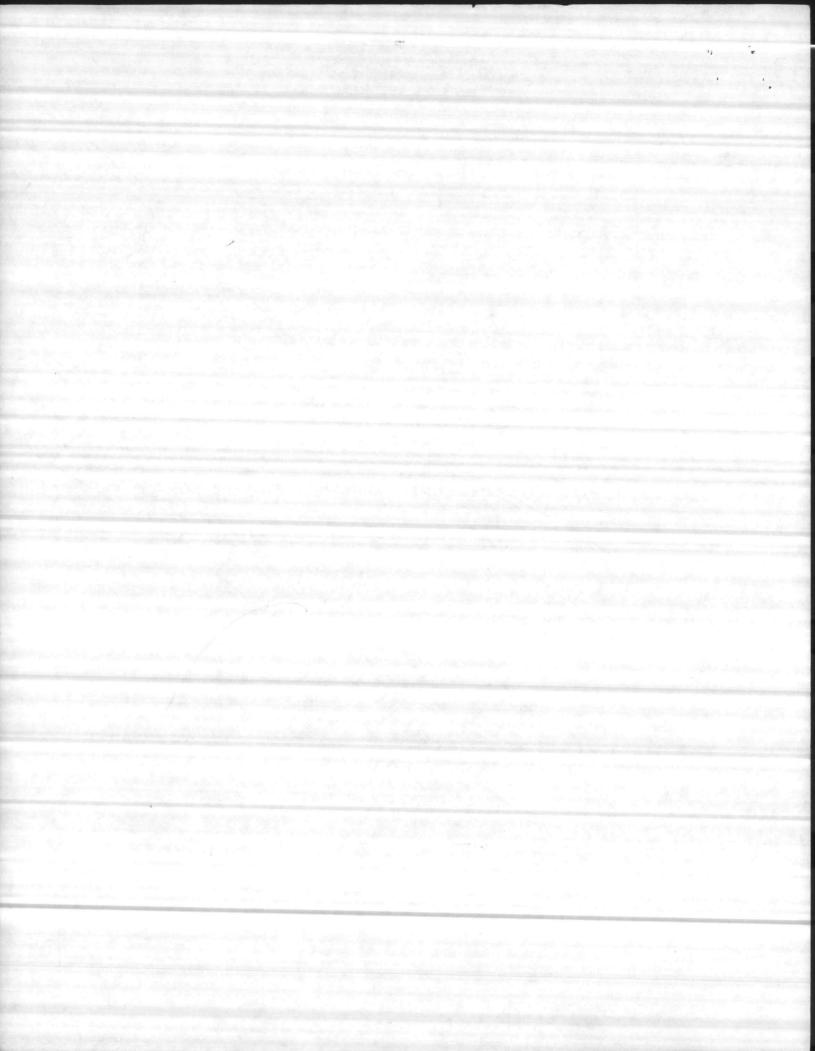
1983

AERIAL SURVEY

		ONS	SLOW	BEAC	CH		1.	BRC	OWNS	ISLA	IND		11 0	H <i>I</i>	AMMOC	CKS E	3EACF	H (
Date	NC	oc	NN	ON	NP	OP	NC	OC	NN	ON	NP	OP	NC	OC	NN	ON	NP	OP	Weather Condition
5-26-83																			Fog/clear
5-31-83										S. 1. 1. 1					1				Fog/cloudy
6-3-83				133												1			Fog/cloudy
6-7-83		1 10			1	1.1.					44	ARTIN							Fog/rain/cloudy
6-10-83																			Fog/rain/cloudy
6-13-83	1						1		1	1									Clear
6-17-83			5	1			2		6						1		Asia de		Fog/clear
6-22-83			1	5			2		2	7	7		1		2	1			Haze/cloudy
6-24-83						The state		No.	1								3		Fog/cloudy
6-29-83			1		2000	6.8313			1		1		1		1		1		Haze/cloudy
7-5-83	2	1	2	1			12		1		A Bally				2	2	2		Fog/cloudy
7-7-83							2		1				1	A FIR	2				Haze/cloudy
7-10-83								-11			Call of the Co		3	A TOP OF	2		1		Haze/fog/cloudy
7-15-83	2	1 1	2			Hele							1		3	1	1		Fog/cloudy
7-19-83			1	2		1000	2		4		3	-	13		3	3		1	Haze/fog/cloudy
7-22-83		1187		1	1 1 1 1					1	1								Rain/cloudy
7-27-83									1	1	2								Clear
7-29-83	11	2	3		- A/A		1	1	1	1	2		h	-	1		1		Clear
8-4-83	1		1			-	2	4	-	4	2				2	1			Rain
8-11-83					11358	T LONG			3	3	A FLIFF	2	2	e and	3				Fog
8-19-83							11					The same of			2	3			Haze
8-23-83															THE PARTY				Fog
8-31-83	Did r	not n	nake	Flie	ght-V	Neath	ier F	Range	: Use	3///									







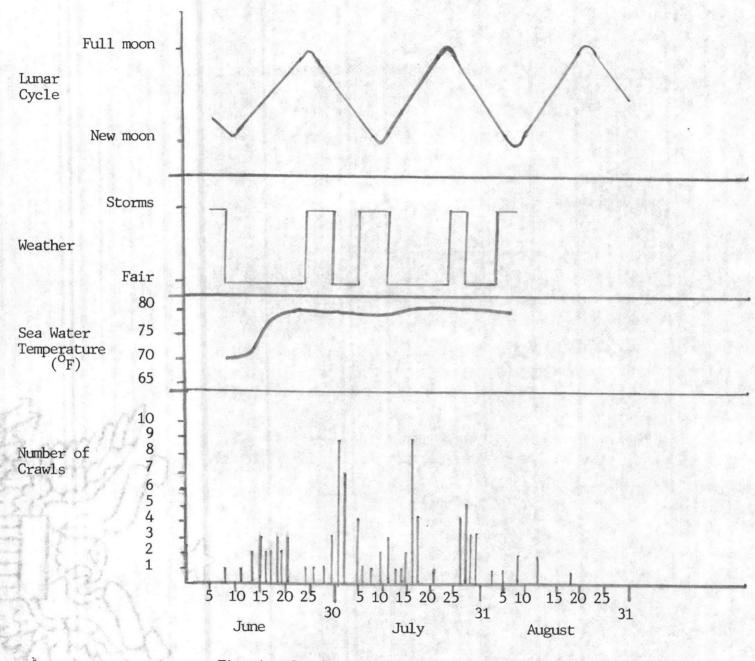
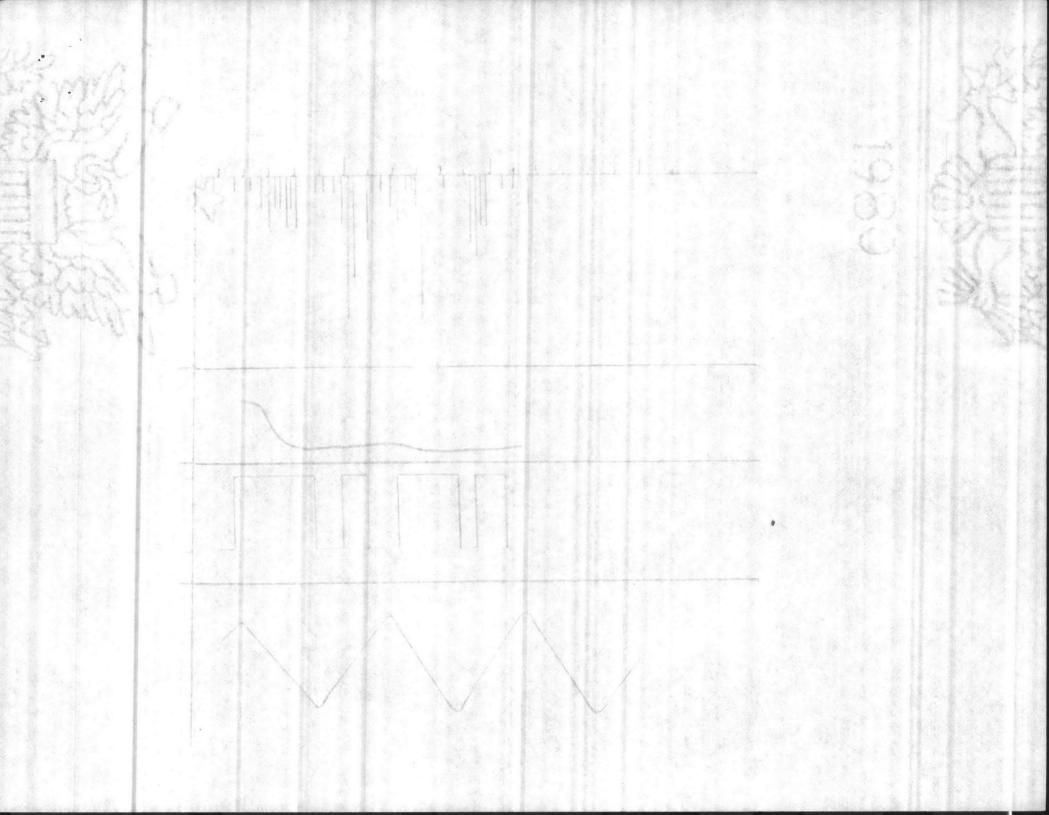


Fig. 1. Crawls in relation to lunar cycle, weather and seawater temperature



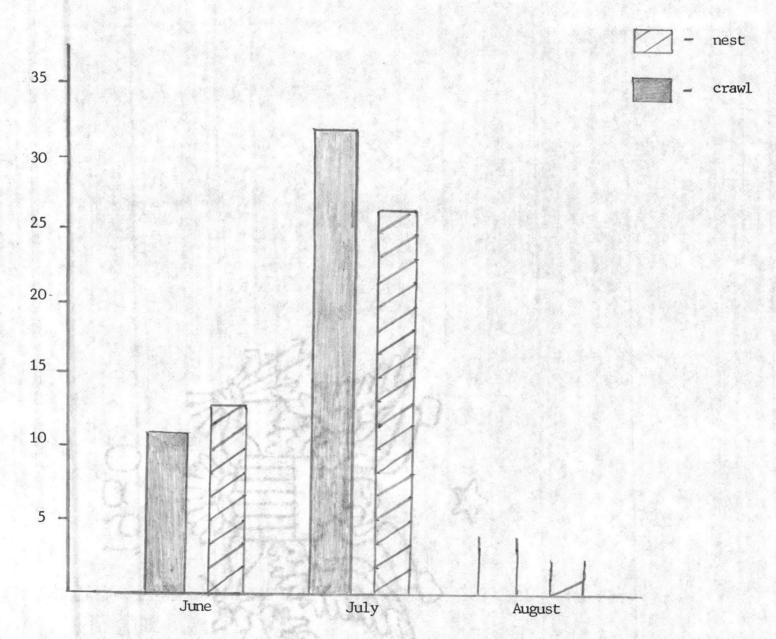
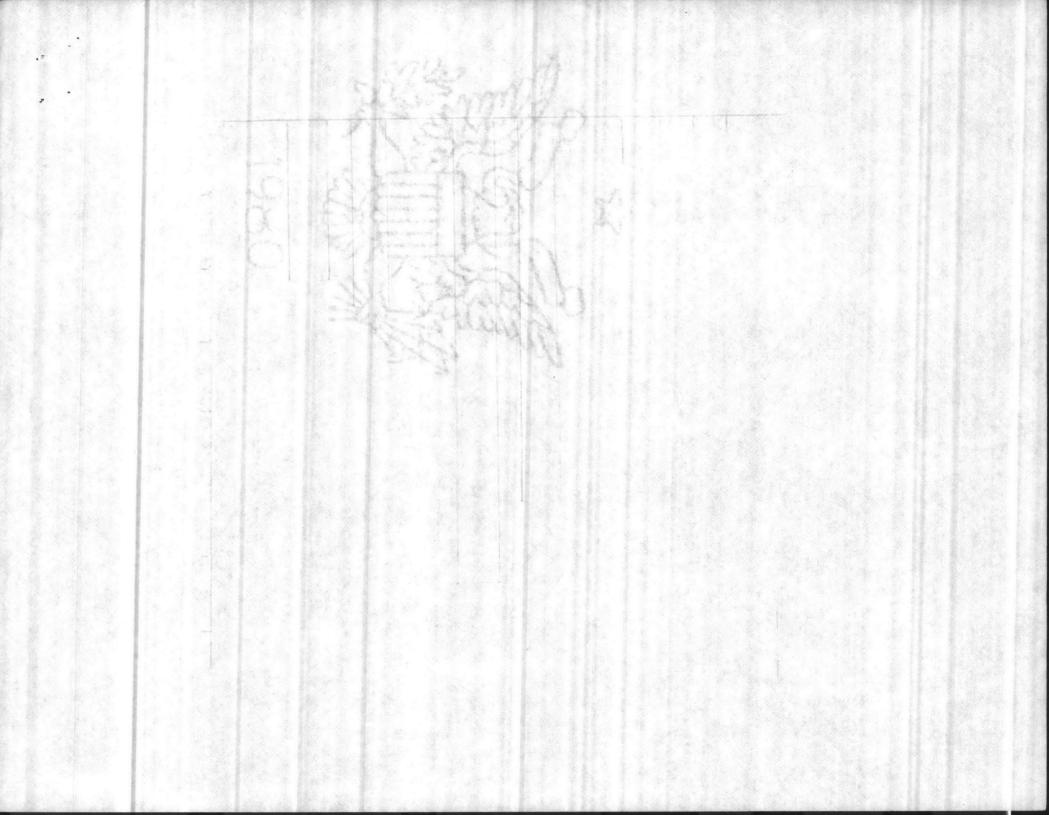


Fig. 2 Total crawls and nests by months



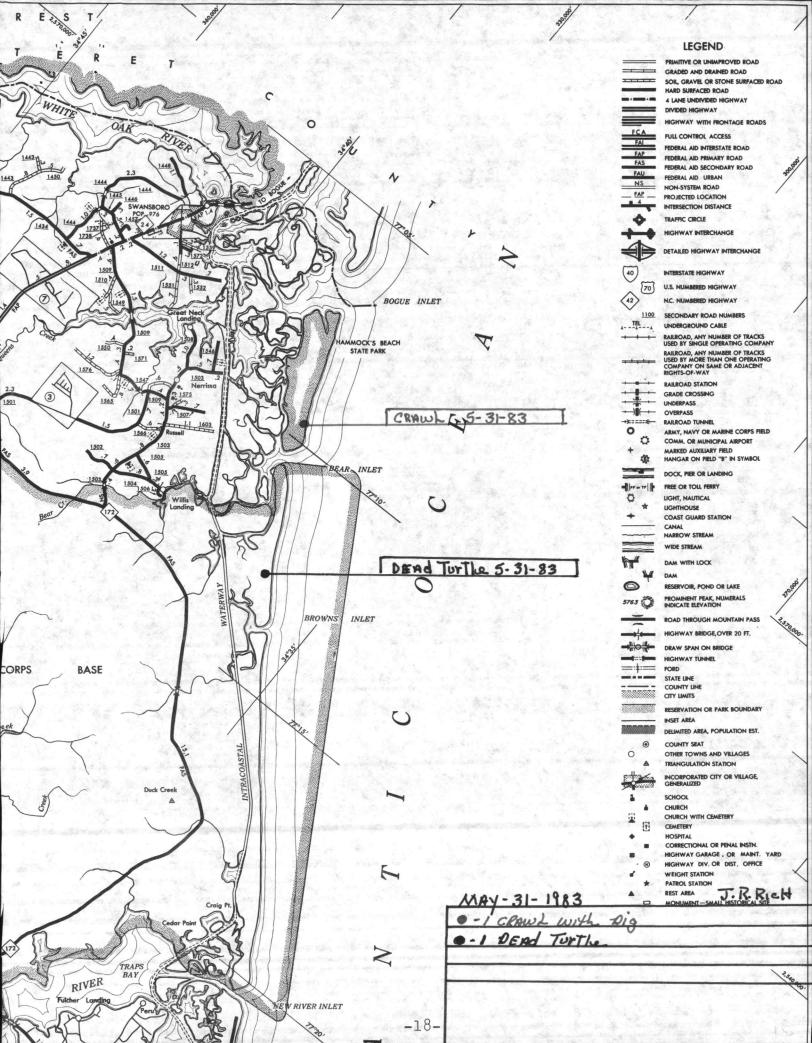
Date:	May 26 1983		Time: S	06:00	F	08:00		
Recorder Name:	Jerry R. F	Rich						
				ot: J. R. Rich				
Co-Pilot:	None		Crew	Chief:	None			
Others:	None							
Weather: Genera	1 5 miles	Fog & F	laze	Cloud Cov	er <u>Cle</u>	ar		
Wind Speed	Less tha	in 5K	S	ea Conditi	ons Ligh	t Chop		
		BEACH	AERIAL SURVE			00 Ft 60 K		
Location	Craw	1s	Ne	StS Nest Predation				
NAME OF THE PARTY	New	01d,	New	01d	New	01d		
Onslow Beach	0	0	0	0	0	0		
Browns Island	0	0	0	0	0	0		
Bear Beach	0	0	. 0	0	0	. 0		
W								
		OCEAN	AERIAL SURVE		tude Speed	400 Ft 60 K		
	Live Tur	tles		Dead Turtles				
Bell Buoy from	Juvenile	Adı	ults					
Bogue Inlet to New River Inlet	0		0					
Comments:								
				1				
						age to a section of the section of		
	o .							

7017 7 77

Date:	May 31 19	83	_ Time: S	06:00	F _	08:30
Recorder Name:	H A. Town	send				
Crew Names:	None		Pilo	ot: Jerr	y R. Rich	
Co-Pilot:	None		Crev	w Chief: N	one	
Others:	None					
Weather: General	4 mile	s Fog		Cloud Cove	er	SCT
Wind Speed	240 @	10-12 K		Sea Conditi	ons Chop	and the same
		BEACH A	AERIAL SURVI	EYS Altit	tude 100 Speed 60	Ft K
Location	Cr	Crawls		ests	Nest Pr	redation
	New	01d,	New	01d	New	01d
Onslow Beach	0	0	0	0	0	0
Browns Island	0	0	0	0	0	0
Bear Beach	0	0	1	0	0	ο.
				No. of the second		
		OCEAN A	AERIAL SURVI			0 Ft 0 K
er et alle et al. 1995 et al.	Live Turtles Dead Turtle					
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile Adults One dead turtle on E					on Browns
Comments:		Sales of the sales				1.444.45
		Service Catholic		48887		

06:30 00:30 SECTION OF THE PROPERTY OF 2 37-07 0 089

narow so officed and end



The second of th

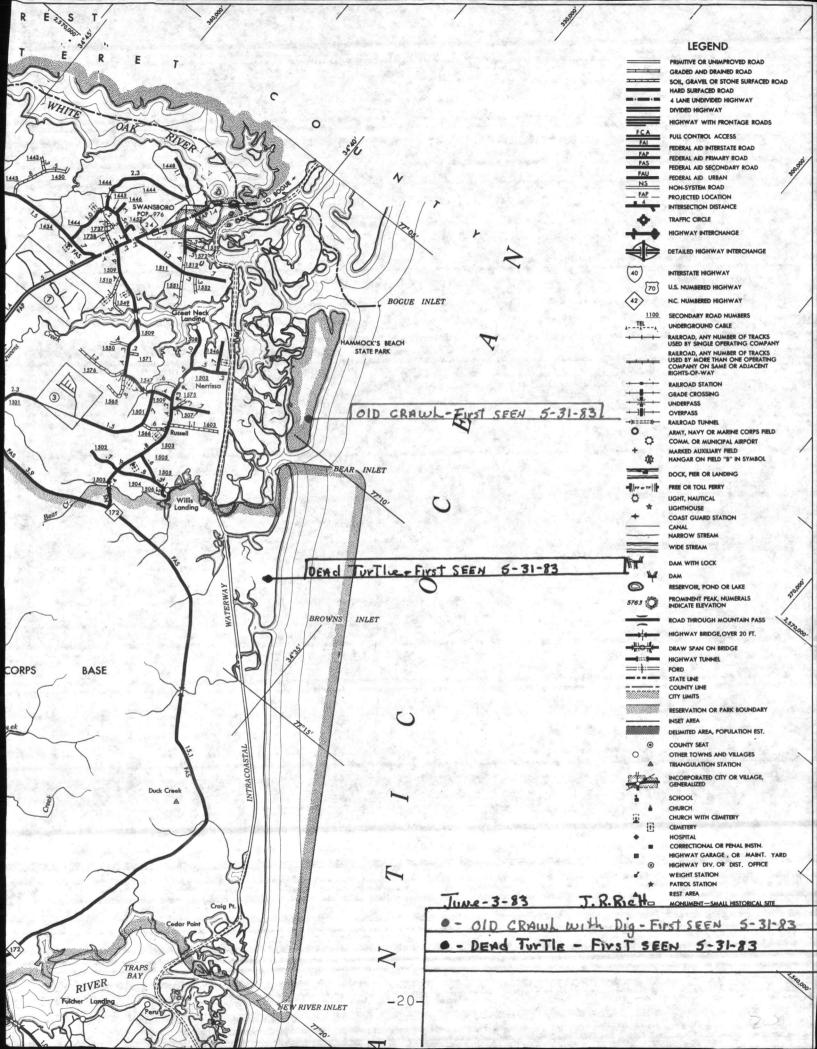
Colors and Colors

o I dead Tort

Date:J	June 3 1983	P	Time: S	06:00	F	08:00		
Recorder Name: _	J. R. Rj	ich						
Crew Names:	None	n en	Pilo	ot: J. R. Rich				
Co-Pilot:	None		Crew	Chief: None				
Others:	None							
Weather: General	3 to 5 m	iles fo	g.	Cloud Cov	er <u>4000</u>	Sct		
Wind Speed	Less tha	n 5 K	S	ea Conditi	ons <u>calm</u>	1		
		BEACH				Ft K		
Location	Crawls			ests	Nest P	redation		
	New	01d	New	01d	New	01d		
Onslow Beach	0	0	0	0	0	0		
Browns Island	0	0	0	0	0	0		
Bear Beach	0	0	0	1	0	0		
		OCEAN	AERIAL SURVE	.13		00 Ft		
								
And the second second	Live Tur	tles	Dead Turtles					
Bell Buoy from Bogue Inlet	Juvenile	Ad	ults	1 Dead	1 Dead Turtle Browns Islar first seen 5 31 83.			
to New River Inlet	0 0							
Comments:			That is the set of the					
					AND THE PERSON NAMED IN COLUMN			

00:80 On:an - The thirt - E8:1-8 onto Monard Andrews Company # B COMP TO THE PROPERTY OF TH

· Company of the comp

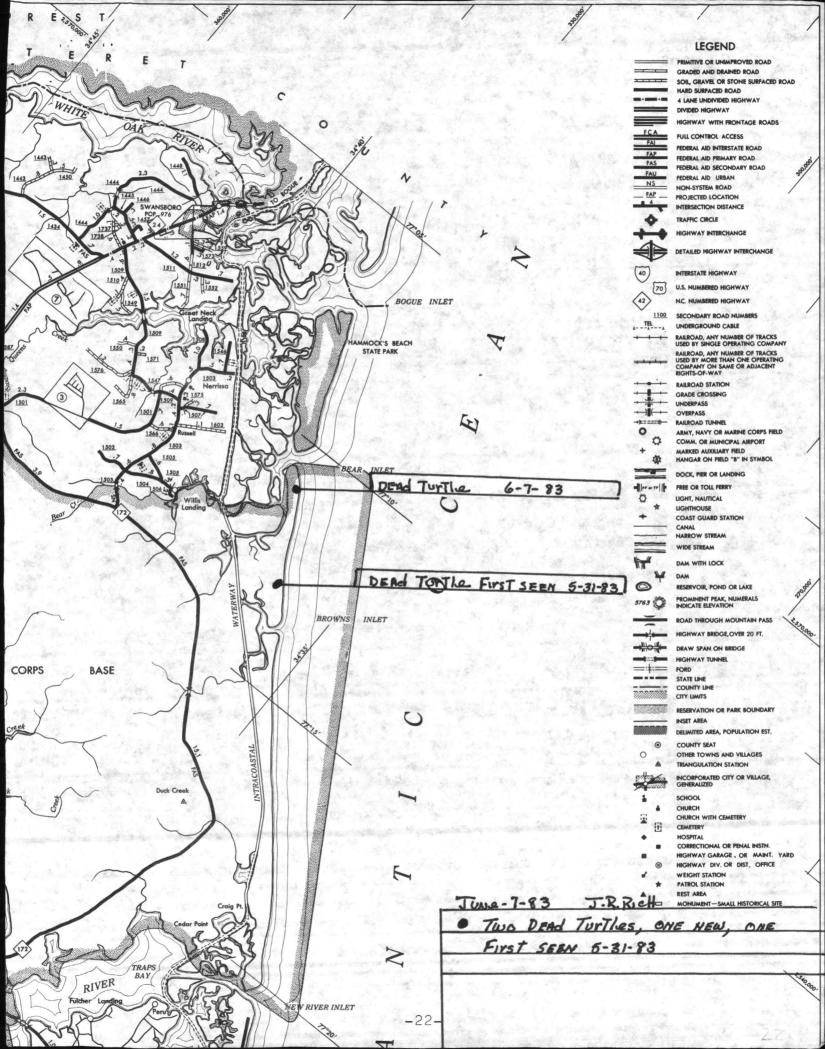


T TOOK I THE THIRD THIS THIS THE TOOK IN

A James T. War Program of Street

Date:	June 7 1983		Time: S06:01+		F	F08:15					
Recorder Name:	Jerry R.	Rich									
Crew Names:	None	- economic Participant	Pilo	t:							
Co-Pilot:	None		Crew	Chief: _							
Others:	None										
Weather: Genera	1 3-4 mi	les fog &	rain	Cloud Cov	er 2000 E	BKN 5000 OVC					
Wind Speed	WSW 12-15 K Sea Conditions White caps										
		1	ERIAL SURVE	YS Alti	tude <u>100</u>	Ft K					
Location	Cra	Crawls Nes			Nest P	Predation					
	New	01d,	New	01d	New	Old					
Onslow Beach	0	0	0	0	0	0					
Browns Island	0	0	0	0	0	0					
Bear Beach	0	0	0	0	0	. 0					
		OCEAN A	ERIAL SURVE	13		00 Ft 60 K					
gan daga sanak sa	Live To	urtles			Dead Turtles						
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile O		lts	One old dead turtle fir seen 5-31-83 on Browns One New dead turtle on Browns Island.							
Comments:					Wage State of	and the second second					
				a jak jakon dang terdi							

27:80 OCIGI OCIGI Tell action to SE-15-



Control Was In A collect Land

First SELL SSJ-83

Date:	June 10 19	983	_ Time: S	06:0	6 F _	08:10				
Recorder Name:	Jerry R. Rich									
Crew Names:	None		Pilo	t:	R. Rich					
Co-Pilot:	None Crew Chief: None									
Others:	None									
Weather: Genera	2 miles	rain &	fog	Cloud Cov	er <u>500 (</u>	ovc				
Wind Speed	N.E. 15-20	K	S	ea Conditi	ons White	caps				
		BEACH AI	ERIAL SURVE		tude <u>100</u> Speed <u>60</u>	Ft K				
Location	Craw	vls	Ne	sts	Nest P	redation				
	New	01d,	New	01d	New	01d				
Onslow Beach	0	0	0	0	0	0				
Browns Island	0	0	0	0	0	0				
Bear Beach	0	0	. 0	0	0	• 0				
		OCEAN A	ERIAL SURVE	13		00 Ft 0 K				
	Live Tur	rtles	er en		Dead Turtle	es .				
Bell Buoy from	Juvenile Adults			Same t	2 Dead Turtle on Browns Islands					
Bogue Inlet to New River Inlet	0	0		June 7	7 83					
Comments:										
			The state of the s							

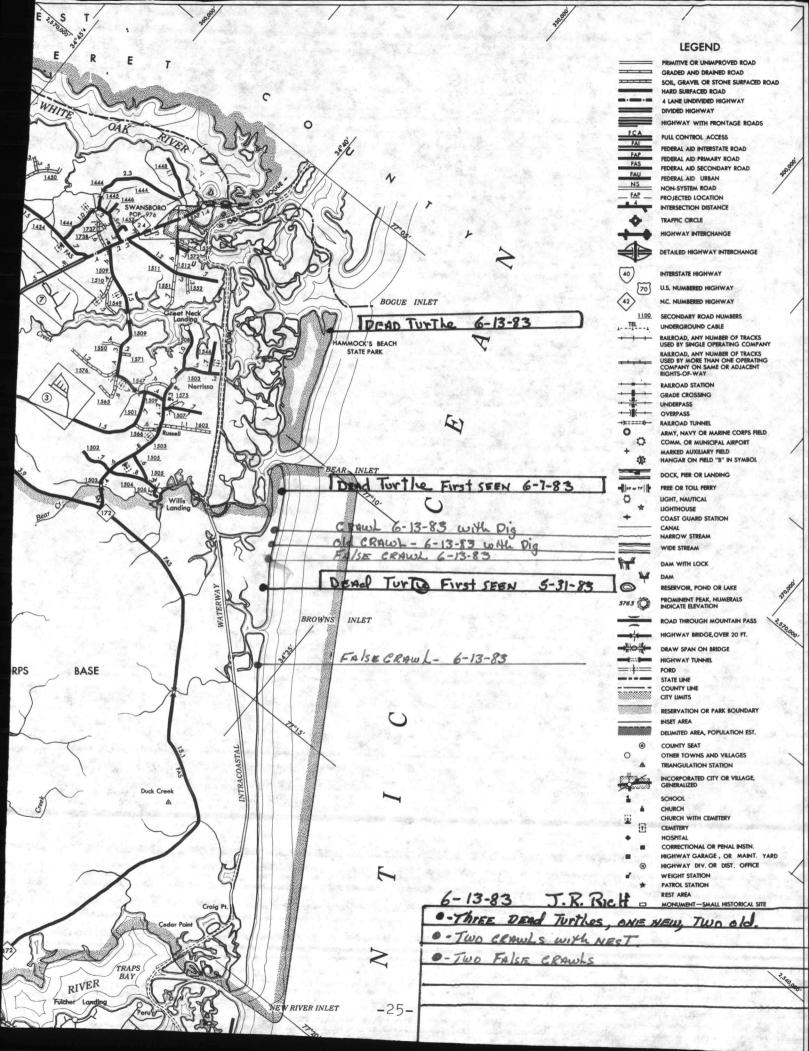
S Peer Surtie on Smorns island
En o to tantie seen on

0 000

June 13 1	983	Time: S	06:04	F	08:24					
Jerry R.	Jerry R. Rich									
None		Pilo	ot: J. R.	Rich						
None		Crev	v Chief: _1	None						
None		<u> </u>								
al <u>Clear</u>	10 miles	vis.	Cloud Cov	er <u>Clea</u>	r					
NE 5 K Sea Conditions Light chop										
	BEACH /									
Crawls N			ests	Nest P	redation					
New	01d	New	01d	New	01d					
1	0	0	0	0	0					
1	0	1	1	0	0					
0	0	0	0	0	0					
	OCEAN /	AERIAL SURVE	.13		Ft. K					
Live To	es									
Juvenile	Adı	ults	1 dead turtle Bear Beach							
0 0 2 dead turtle Browns same two as reported 10 1983					rowns Island eported June					
a seal and heart see		1								
			and the second							
	Jerry R. None None None Al Clear NE 5 K Cr. New 1 1 Juvenile	Jerry R. Rich None None None Clear 10 miles NE 5 K BEACH Crawls New Old 1 0 1 0 O O OCEAN	Jerry R. Rich None None Crew None al Clear 10 miles vis. NE 5 K BEACH AERIAL SURVE Crawls New Old New 1 O O O OCEAN AERIAL SURVE Live Turtles Juvenile Adults	None	None Pilot: J. R. Rich None Crew Chief: None None Cloud Cover Clear NE 5 K Sea Conditions Ligh BEACH AERIAL SURVEYS Altitude 100 Air Speed 60 New Old New Old New Old New O O 1 O O O O O O O O O Live Turtles Dead Turtle Juvenile Adults 1 dead turtle B 2 dead turtle B Same two as r					

Constitution of the second constitution of the s

5.4.5.

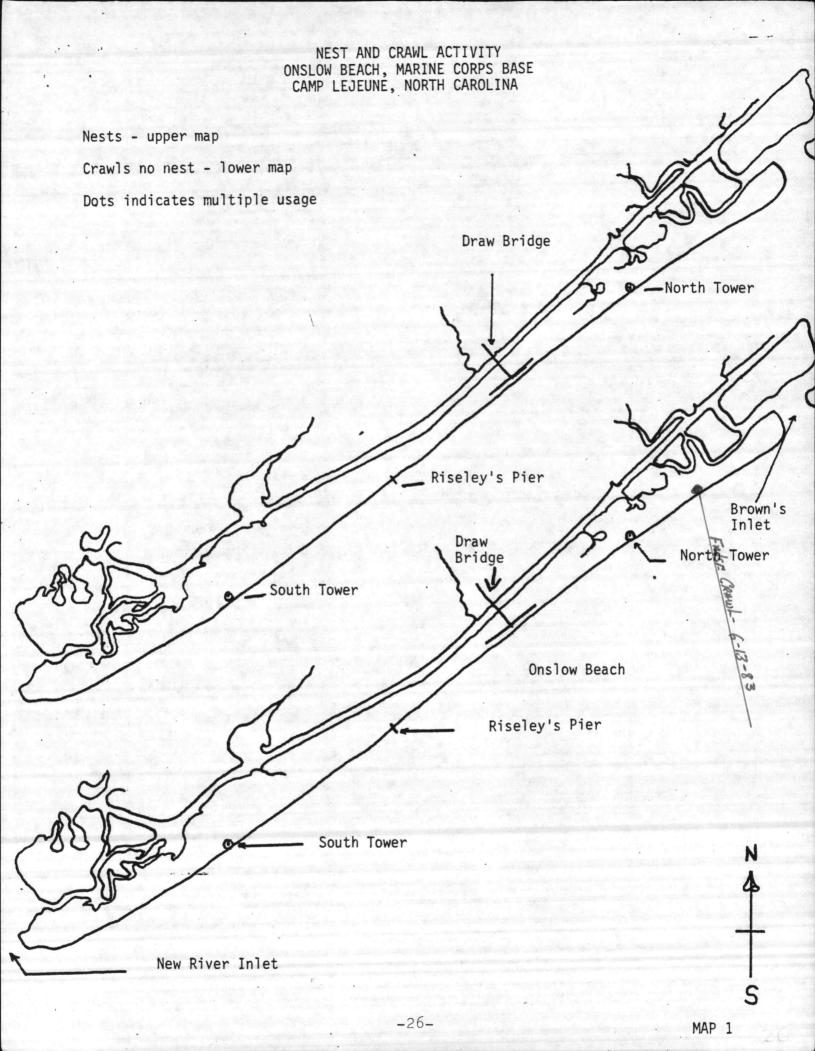


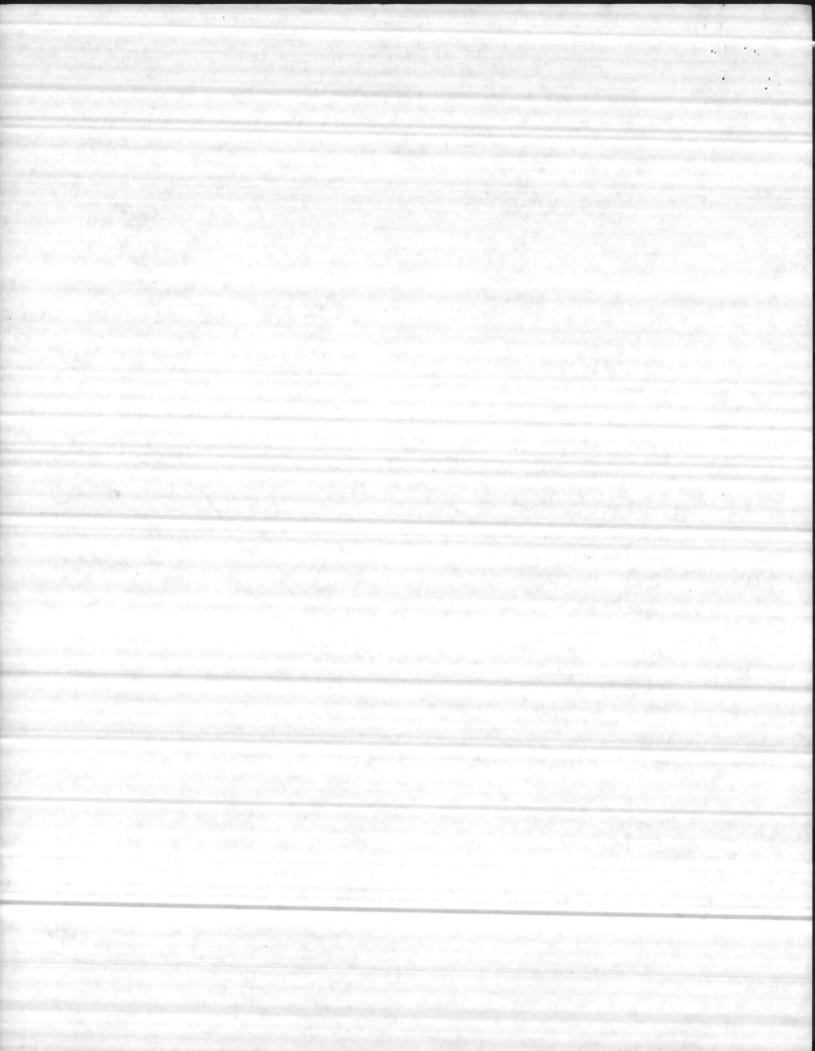
Carried State Const.

TEST NOTES OF BUILTING

a special and standard the second

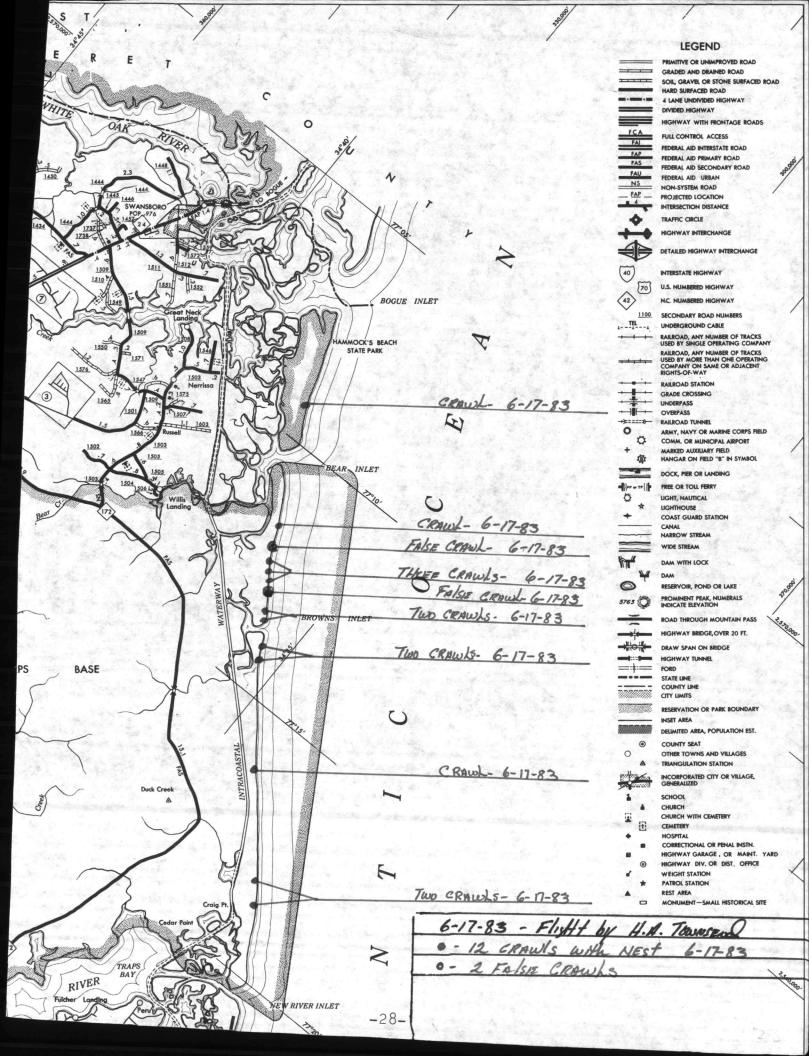
THE THE STATE OF T

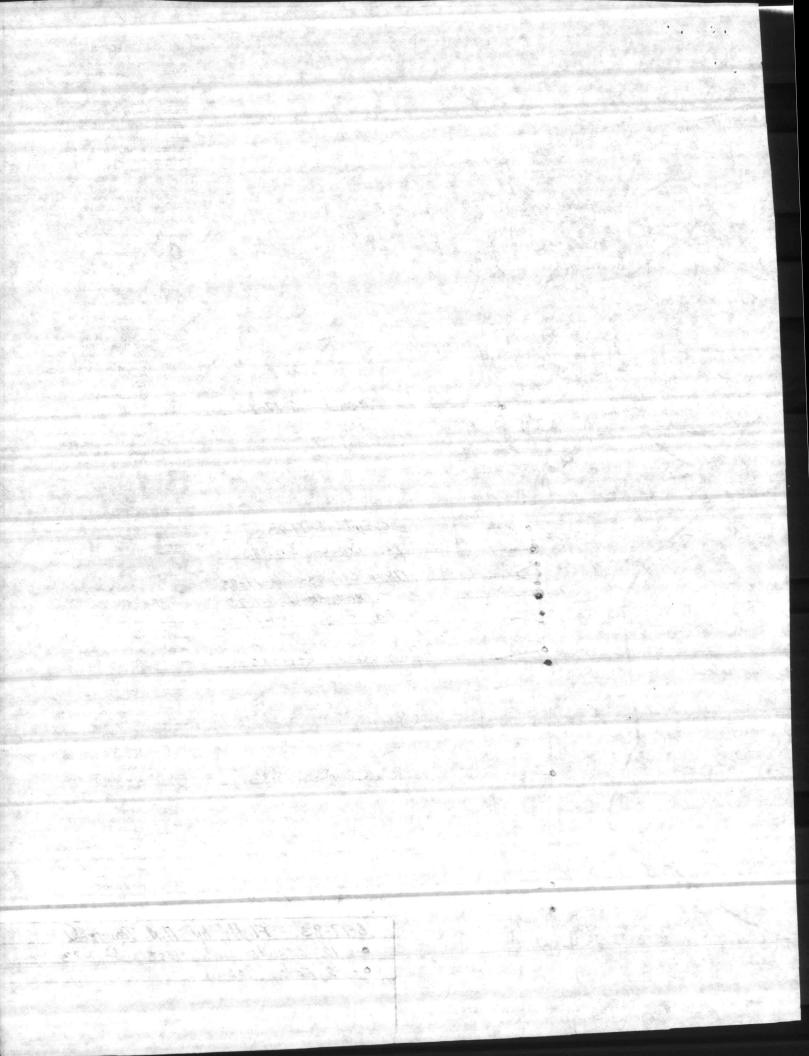


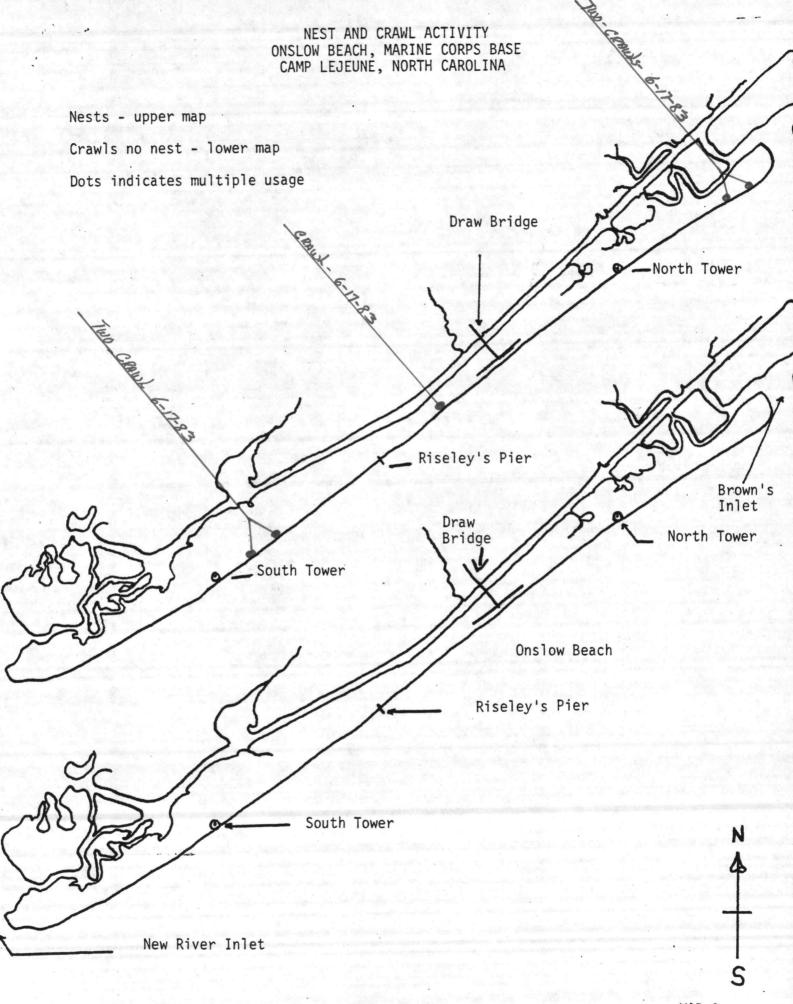


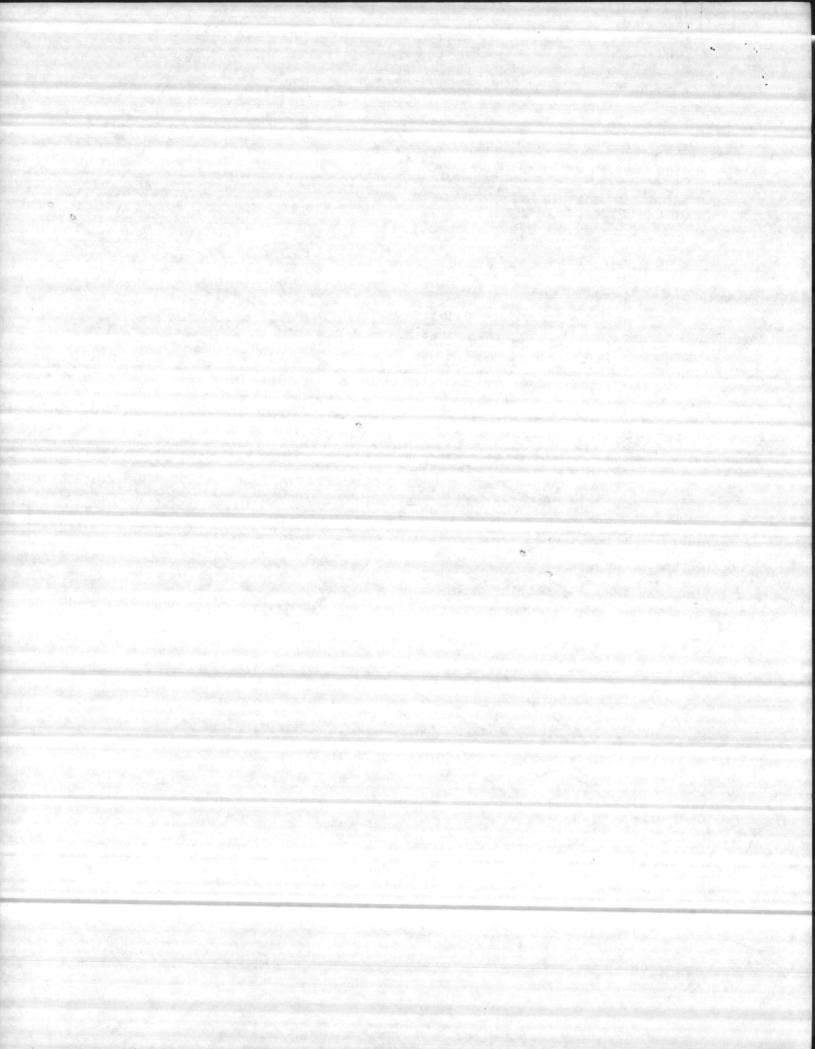
Date:	June 17 83 Time: S 06:00 F 09:45										
Recorder Name: _	H. A. Toy	H. A. Townsend									
Crew Names:	None		Pilo	t: H.	A. Towns	end					
Co-Pilot:	None		Crew	Chief: _	None						
Others:	None		50								
Weather: General	4 mil	es fog		Cloud Cove	er <u>clea</u>	r					
Wind Speed	calm		S	ea Conditio	ons Calm						
		BEACH A	AERIAL SURVE		ude <u>100</u> speed <u>60</u>						
Location	Crawls		Ne	sts	Nest Pr	edation					
	New	01d	New	01d	New	01d					
Onslow Beach	0	0	5	0	0	0 .					
Browns Island	2	0	6	0	0	Ó					
Bear Beach	0	0	1	0	0	0					
	7.00				Andrew Control						
		OCEAN A	AERIAL SURVE		tude <u>400</u> Speed <u>60</u>						
	Live Tur	tles			Dead Turtles						
Bell Buoy from Bogue Inlet to	Juvenile A		Adults		0						
New River Inlet											
Comments:											
			75.2								

27.93



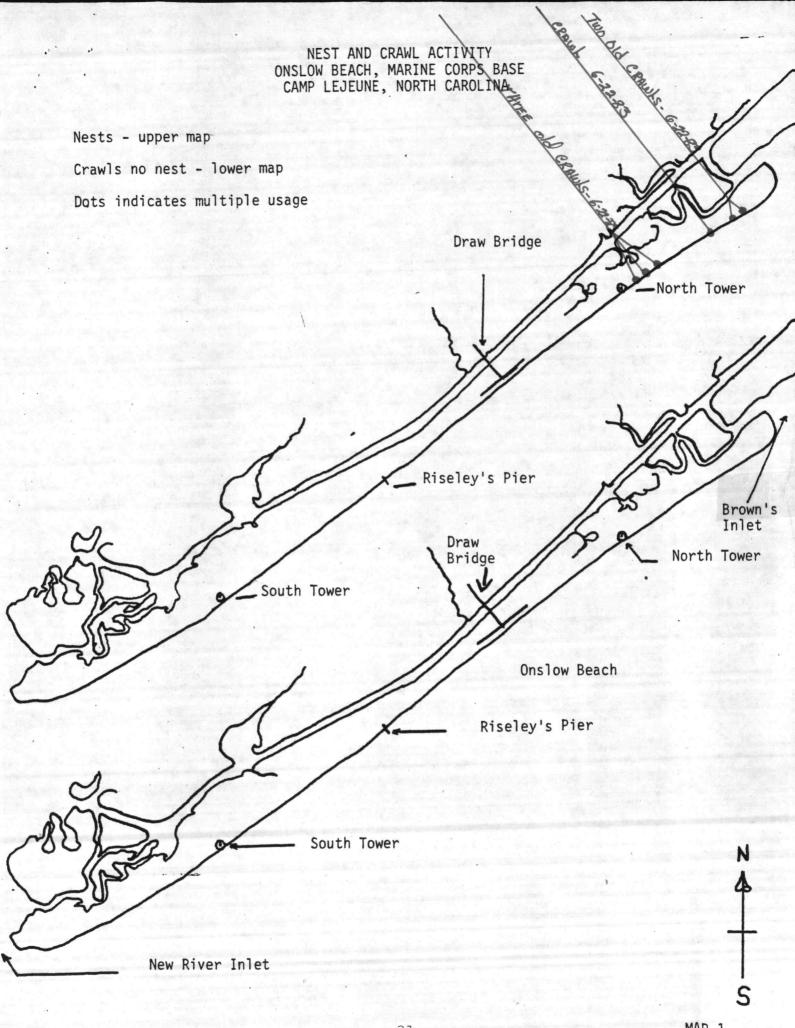


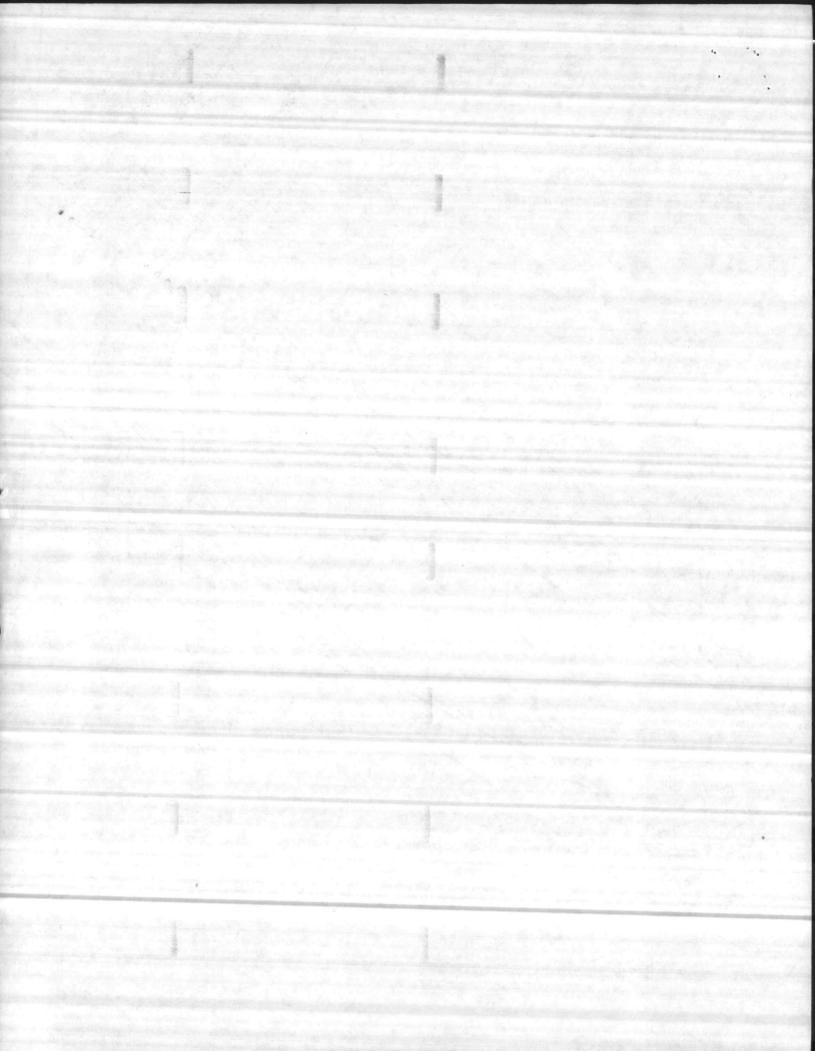


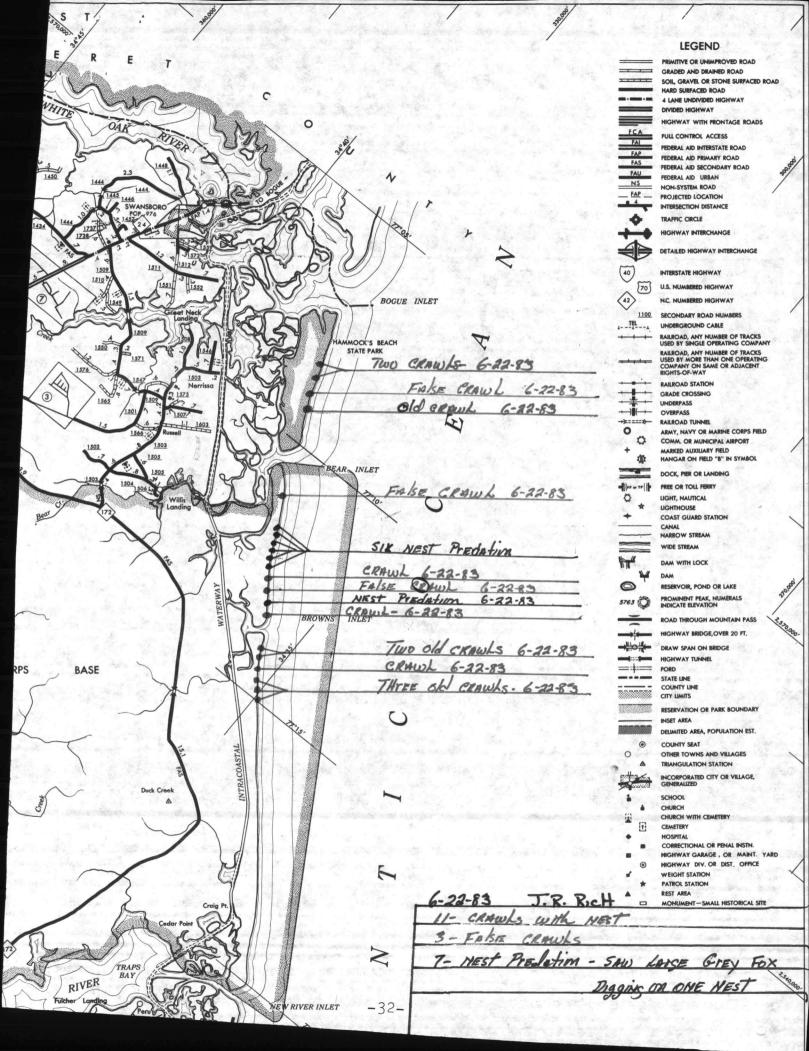


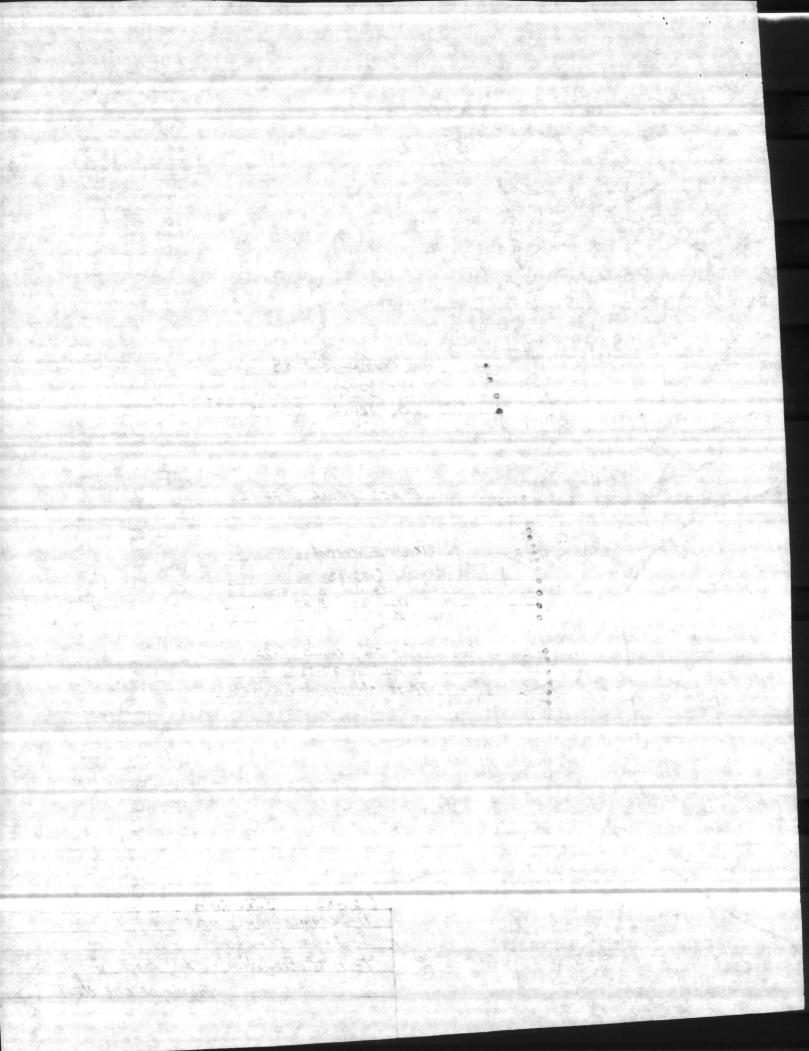
Date:	June 22	2 83	F _	08:19						
Recorder Name: _	Jerry B	Jerry R. Rich								
Crew Names:	None		Pilo	t:	J. R. Ri	ch				
Co-Pilot:	None		Crew	Chief: _	None					
Others:	None	None								
Weather: General	3 miles	3 miles vis. Cloud Cover 1000 Set 2000								
Wind Speed	NW 8-12	NW 8-12 K Sea Conditions Mod chop								
		BEACH	AERIAL SURVE		ude <u>100</u> Speed <u>60</u>					
Location	Cra	Crawls Nes			Nest P	redation				
	New	01d	New	01d	New	01d				
Onslow Beach	0	0	1	5	0	0 .				
Browns Island	2	0	2	7	7	0				
Bear Beach	1	0	2	1	0	0				
		OCEAN	AERIAL SURVE	vs Alti	tude	300 Ft				
		OCEAN	ALKIAL SORVE		Speed	60 K				
	Live Tu	rtles			Dead Turtles					
Bell Buoy	Juvenile	uvenile Adults								
from Bogue Inlet to New River Inlet	None	No	ne	N	lone	ne				
Comments:	aw one la	rge grev	fox diggi	ng out eg	gs on Bro	owns Island				





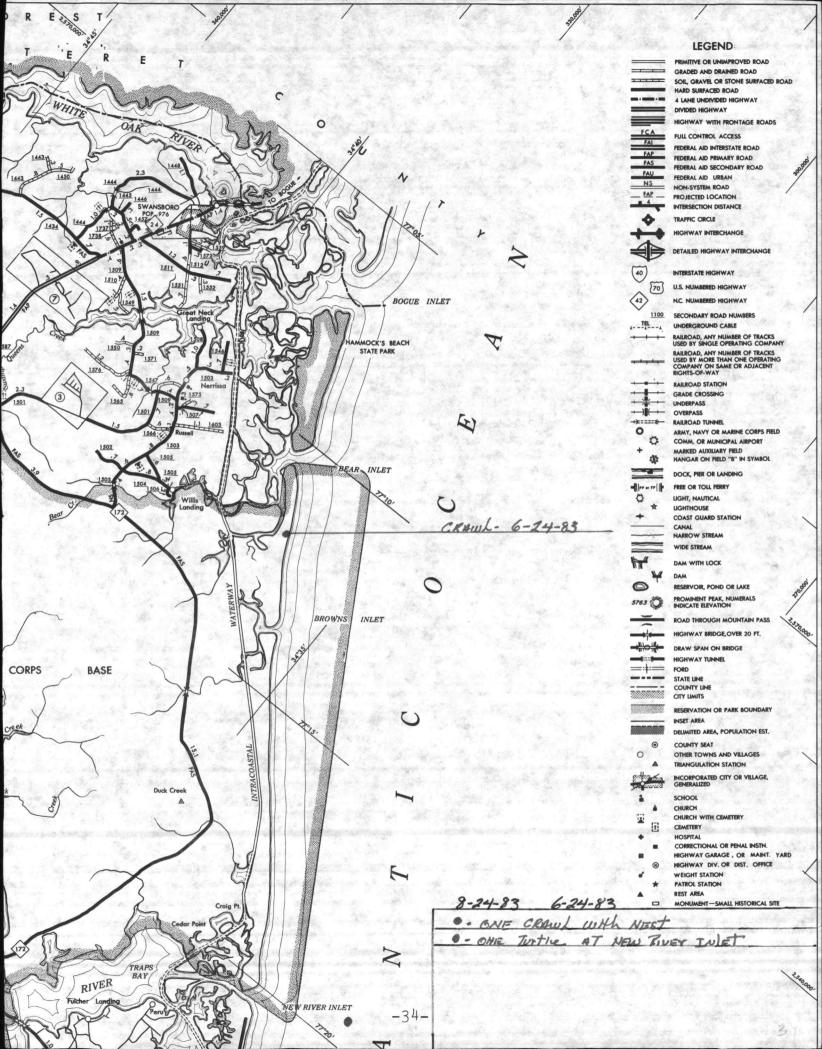






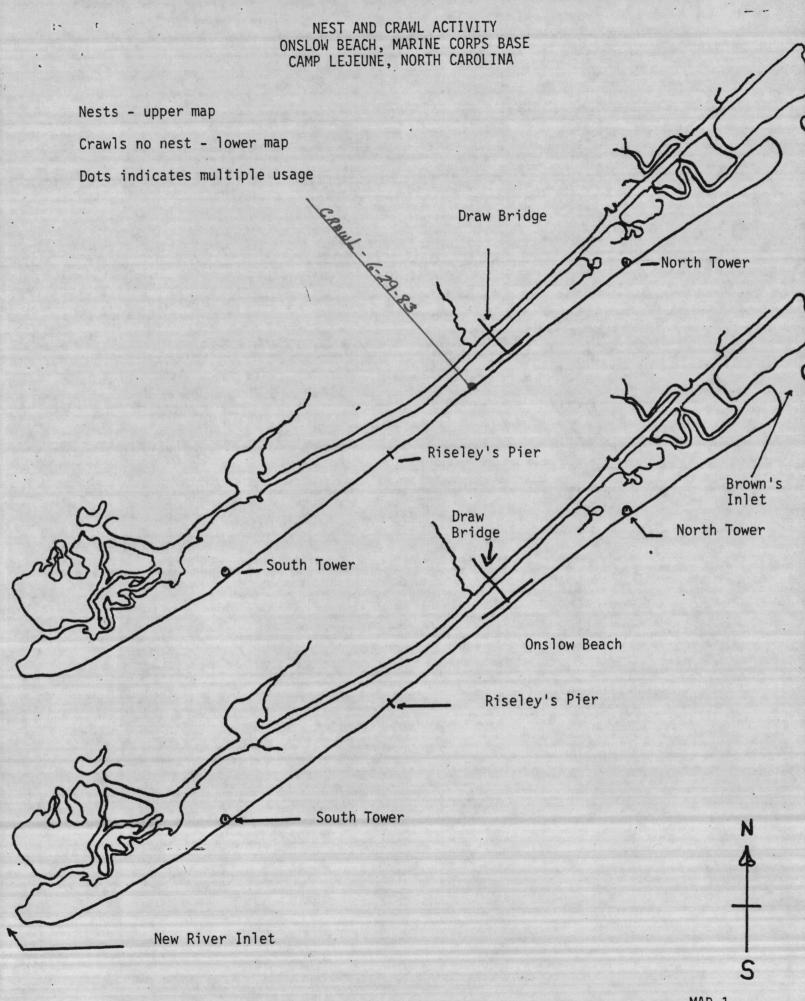
Recorder Name: Jerry R. Rich Crew Names: None Pilot: J. R. Rich Co-Pilot: None Crew Chief: None Others: None Cloud Cover X 200 Weather: General X to t vis fog Cloud Cover X 200 Wind Speed NE less than 5 K Sea Conditions General Cover X 200 BEACH AERIAL SURVEYS Altitude Air Speed Altitude Air Speed General Cover X 200 Location Crawls Nests Nest In Nest In Nest In Nest In Nest In New One In New O	Oft ove			
Co-Pilot: None Crew Chief: None Others: None None Weather: General X ½ to ½ vis fog Cloud Cover X 200 Wind Speed NE less than 5 K Sea Conditions O BEACH AERIAL SURVEYS Altitude Air Speed O Location Crawls Nests Nest I New Old New Old New Onslow Beach O O O O O Browns Island O O O O O O	O ft ovc Calm 100 Ft 60 K			
Others: None Weather: General X ½ to ½ vis fog Cloud Cover X 200 Wind Speed NE less than 5 K Sea Conditions 0 BEACH AERIAL SURVEYS Altitude Air Speed 1 Location Crawls Nests Nest I New Old New Old New Onslow Beach O O O O O Browns Island O O O O O O	O ft ovc Calm 100 Ft 60 K			
Weather: General X ½ to ¼ vis fog Cloud Cover X 200 Wind Speed NE less than 5 K Sea Conditions 0 BEACH AERIAL SURVEYS Altitude Air Speed Air Speed Location Crawls Nests Nest I New Old New Old New Onslow Beach O O O O O Browns Island O O O O O O Bear Beach O O O O O O O	Calm 100 Ft 60 K Predation			
NE less than 5 K Sea Conditions O	Calm 100 Ft 60 K Predation			
BEACH AERIAL SURVEYS	100 Ft 60 K Predation			
Air Speed	60 K			
New Old New Old New Onslow Beach 0 0 0 0 0 0 Browns Island 0 0 1 0 0 0 0 Bear Beach 0 <td></td>				
Onslow Beach	01d			
Browns Island 0 0 1 0 0				
Rear Reach 0 0 0 0	0			
Bear Beach O O O	0			
	0			
	00 F.			
Live Turtles Dead Turtl	Dead Turtles			
Bell Buoy Juvenile Adults from Bogue Inlet	0			
to New River Inlet O 1				
Comments:				

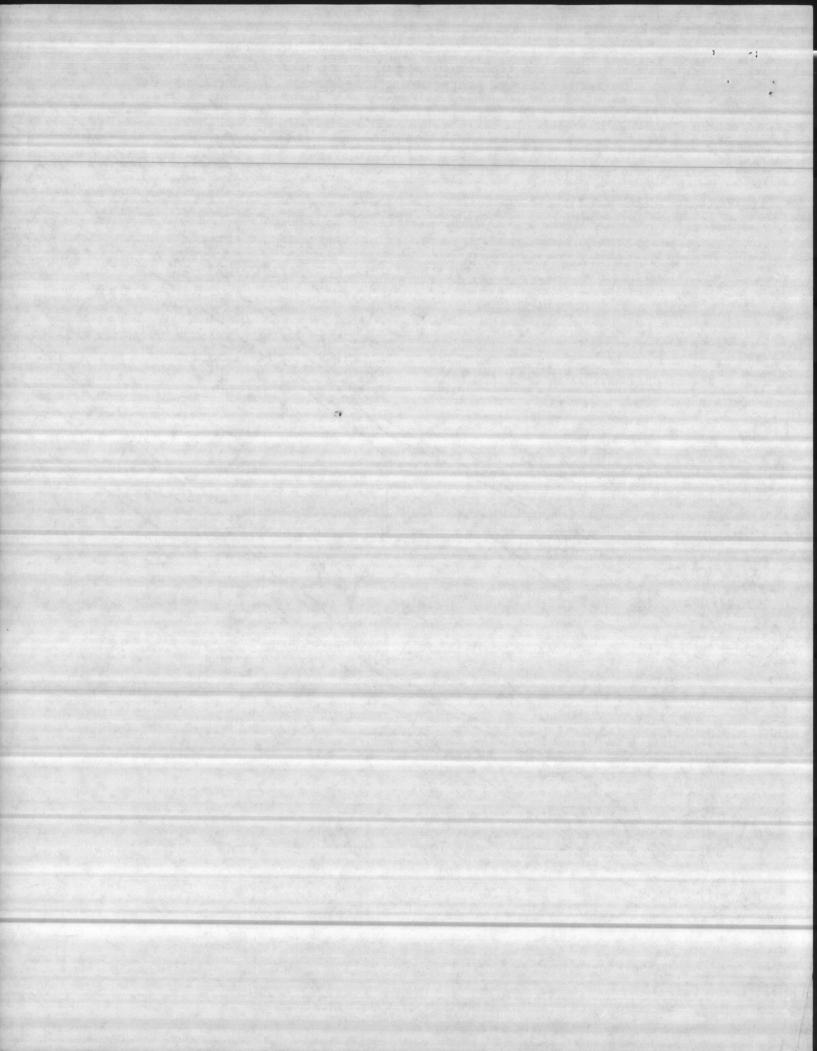
01:80

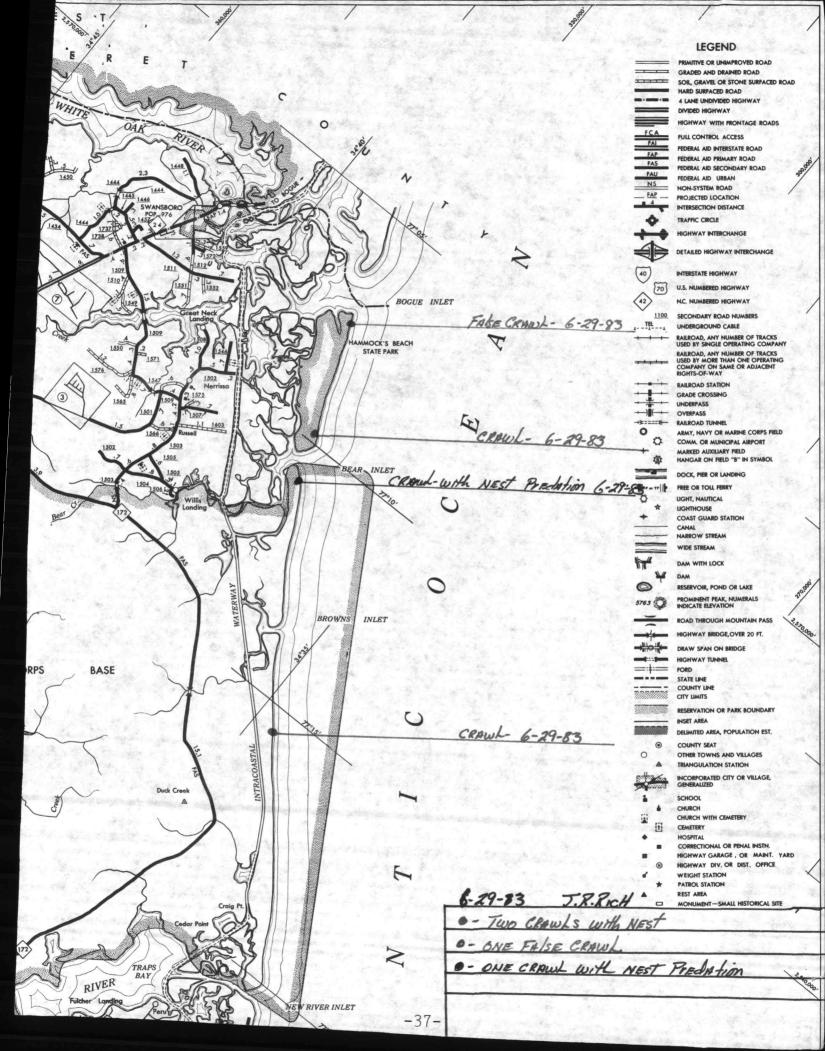


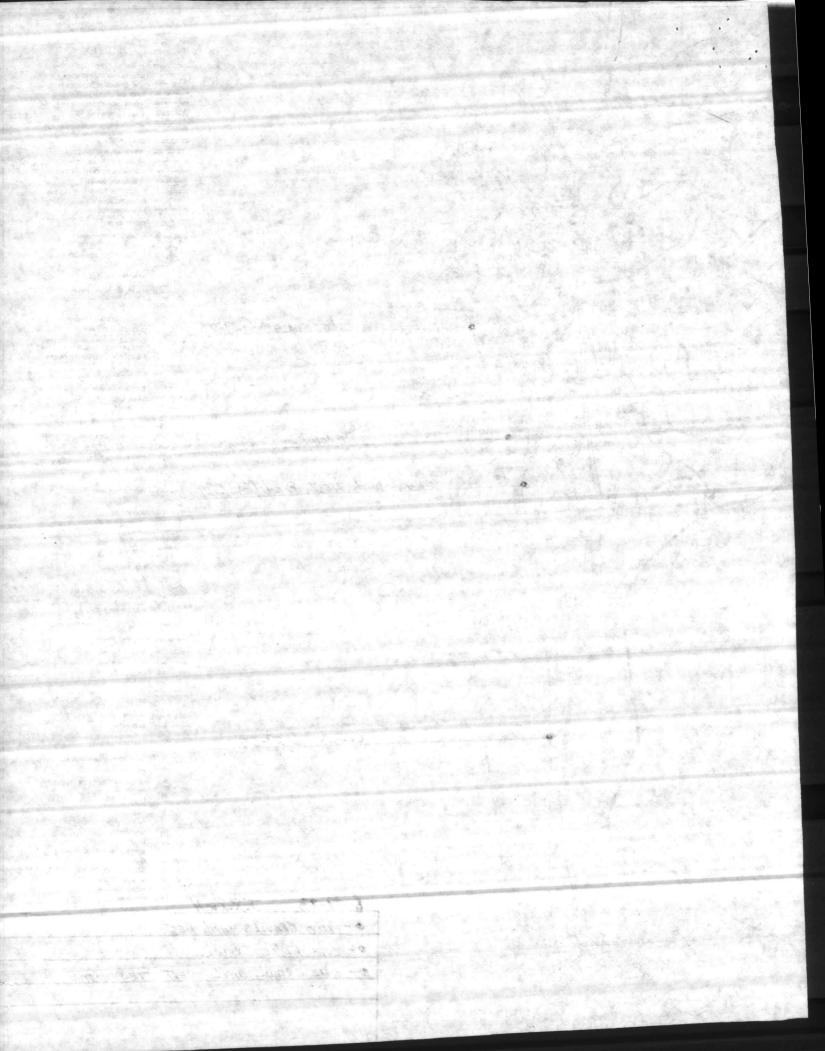
Date:	June 29 8	3	Time: S	05:38	F _	07:38
Recorder Name:	Jerry R.	Rich				
Crew Names:				t: Jerr	y R. Rich	1
Co-Pilot:	None	100	Crew	Chief: _	None	
Others:	None					
Weather: Gener	al <u>5 mil</u>	es haze		Cloud Cov	er <u>5000</u>	Bkn
Wind Speed	SW 12-15	K	s	ea Conditi	ons White	Caps
		BEACH	AERIAL SURVE		ude <u>100</u> Speed <u>60</u>	
Location	Cr	awls	Ne	sts	Nest P	redation
	New	01d,	New	01d	New	01d
Onslow Beach	0	0	1	0	0	0
Browns Island	0	0	1	0	1	0
Bear Beach	1	0	1	0	0	0
		OCEAN	AERIAL SURVE			00 Ft 60 K
	Live T	urtles			Dead Turtle	S
Bell Buoy from Bogue Inlet to	Juvenil None	le Adults None				
New River Inlet Comments:						
		0				

and the second second and only be a like a substitute of and the state of t





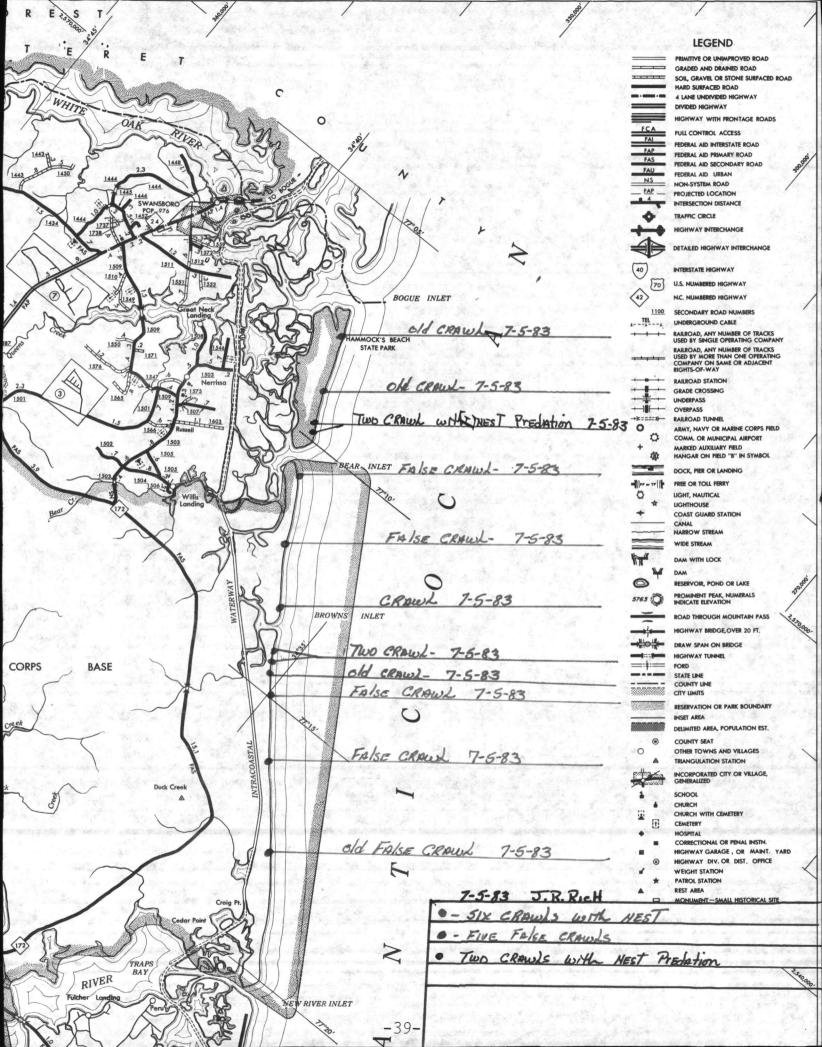


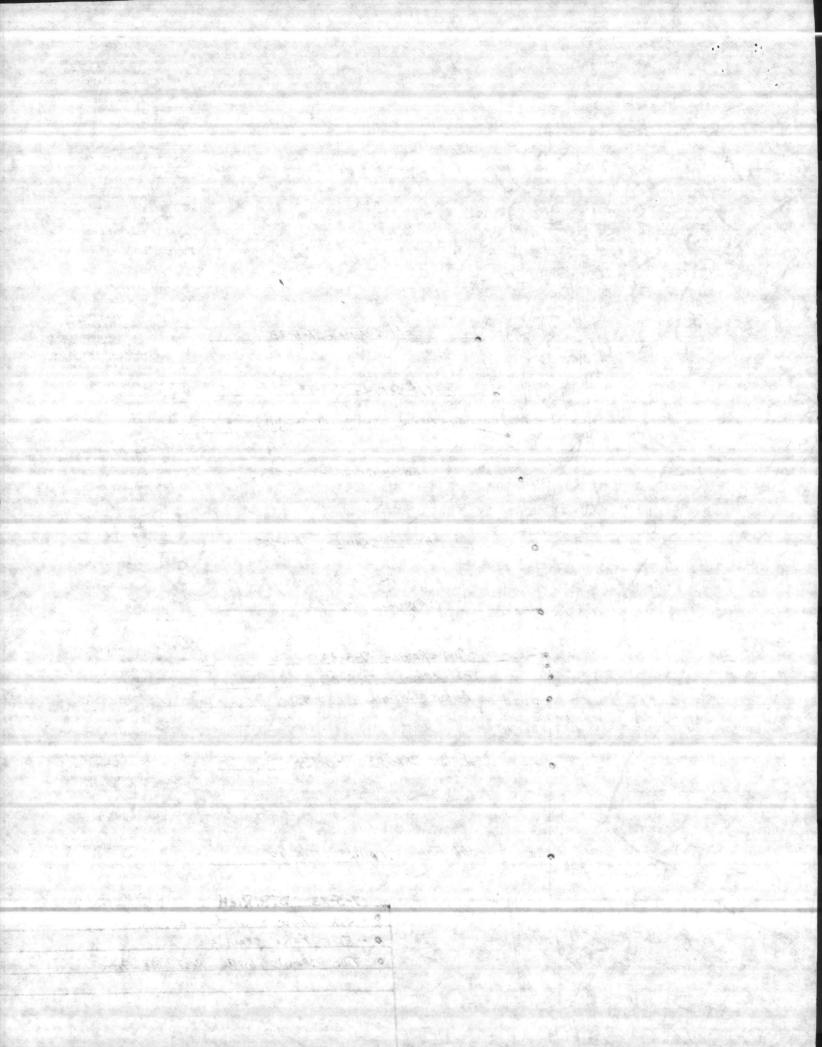


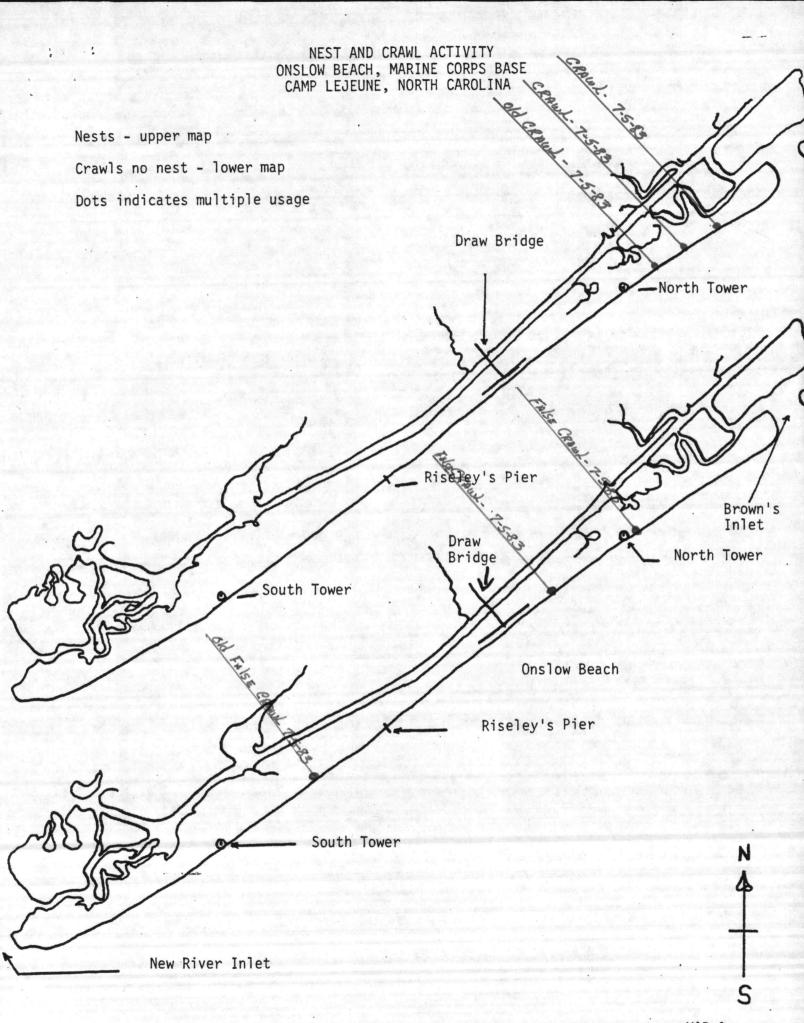
Date:	July 5 83 Time: S 06:03 F 08:10										
Recorder Name: _	Jerry I	Jerry R. Rich									
Crew Names:	None Pilot: J. R. Rich										
Co-Pilot:	None	None Crew Chief: None									
Others:	None										
Weather: General	6 miles	fog &	Haze	Cloud Cove	er <u>2000</u>	SCT					
Wind Speed	W-7K	A SERVE	S	ea Conditio	ons Ligh	t chop					
		BEACH	AERIAL SURVE		ude 100 Speed 60						
Location	Cra	awls	Ne	ests Nest Predation							
	New	01d,	New	01d	New	01d					
Onslow Beach	2	1	2	1	0	0					
Browns Island	2	0	1	0	0	0					
Bear Beach	0	0	2	2	2	0					
		OCEAN	AERIAL SURVE	YS Alti	tude 14	00 Ft					
				Air	Speed	60 K					
	Live Tu	urtles	and the second s		Dead Turtles						
Bell Buoy from	Juvenile	e A	dults								
Bogue Inlet to New River Inlet	None	N	one		None						
Comments:		* 10 m			The shouldest						

CTOOP

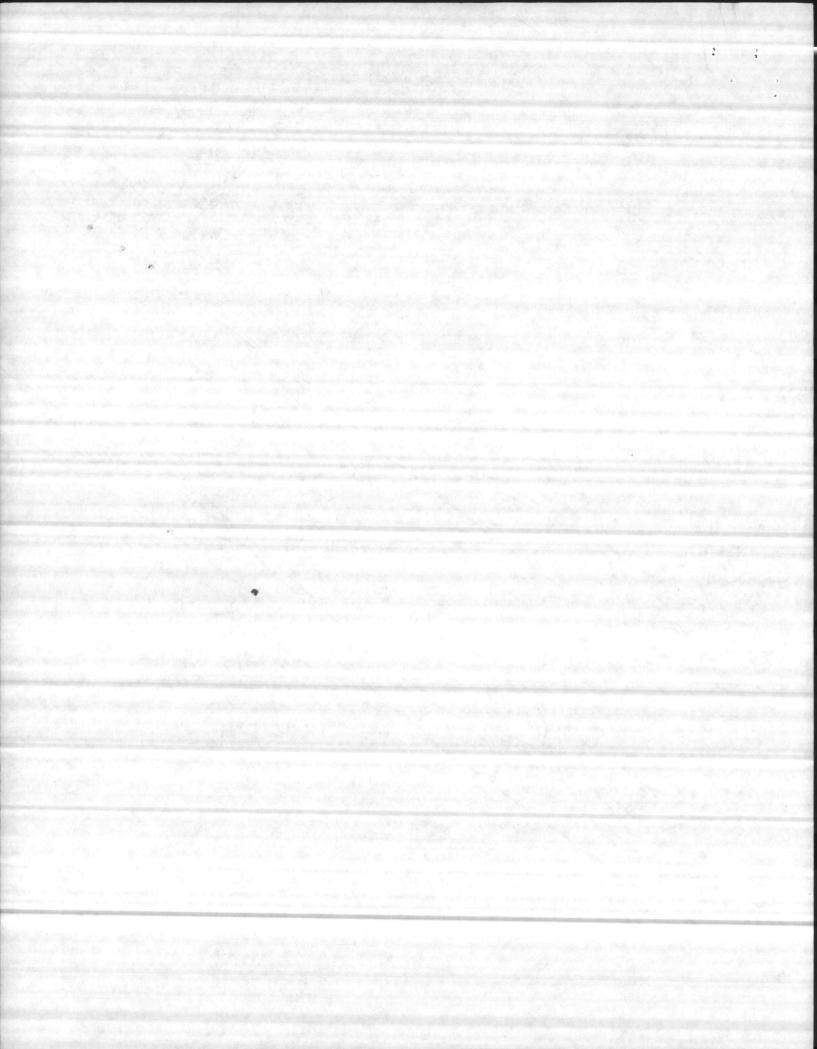
e 5



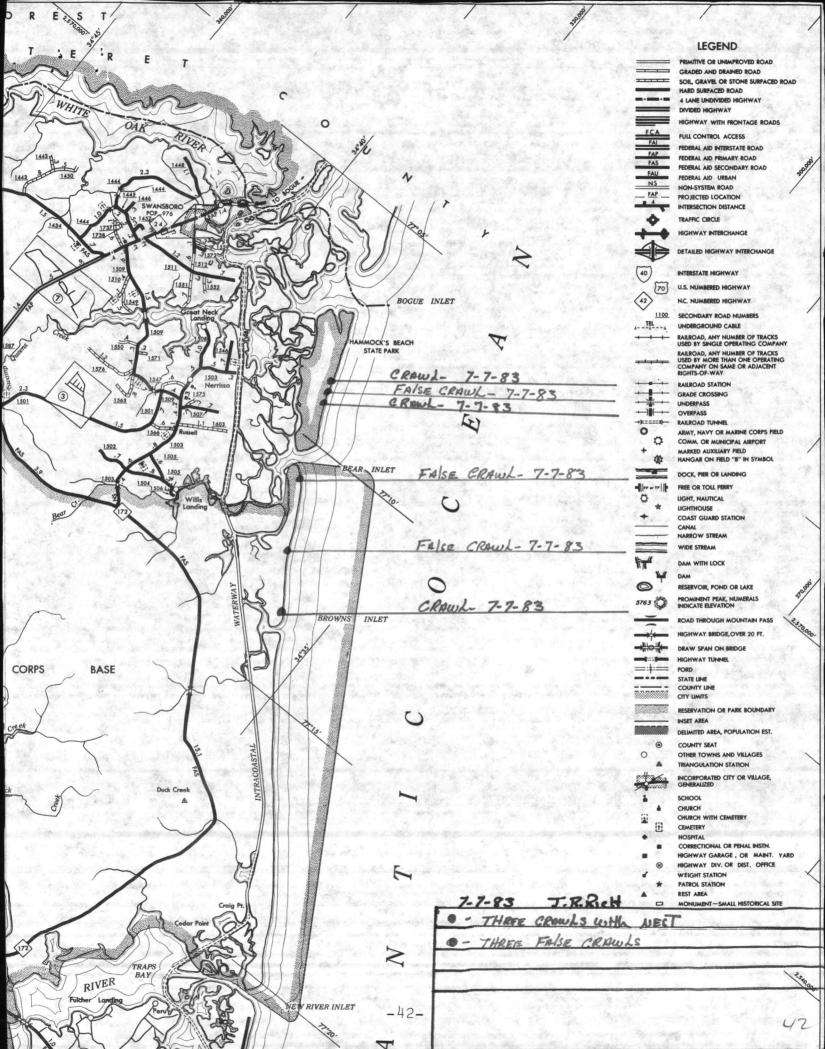


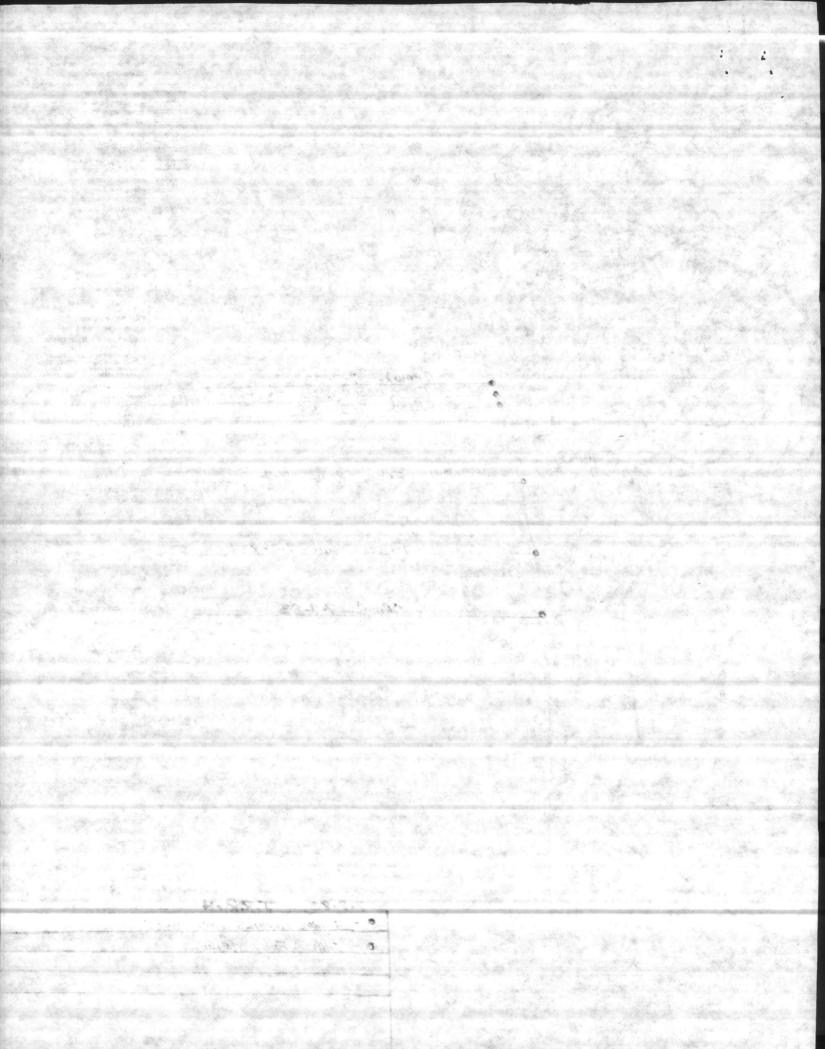


MAP 1



Recorder Name:						08:20			
	Jerry R.	Rich							
Crew Names:	None Pilot: J. R. Rich								
Co-Pilot:	None		Crew	Chief: _	None				
Others:	None								
Weather: General	2000 SCT	5 mile	s haze	Cloud Cov	er200	OO SCT.			
Wind Speed	NE 16-22	K	S	ea Conditi	ons Wh:	ite caps			
	3 18		AERIAL SURVE						
Location	Cra	wls	Ne	sts	Nest Pr	edation			
	New	01d	New	01d	New	01d			
Onslow Beach	0	0	0	0	0	0			
Browns Island	2	0	1	0	0	0			
Bear Beach	1	0	2	0	0	0			
		OCEAN	AERIAL SURVE	YS Alti		00 FT			
	Live Tu	rtles			Dead Turtles				
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None		ults		None				
Comments:		and the state		and addressed					

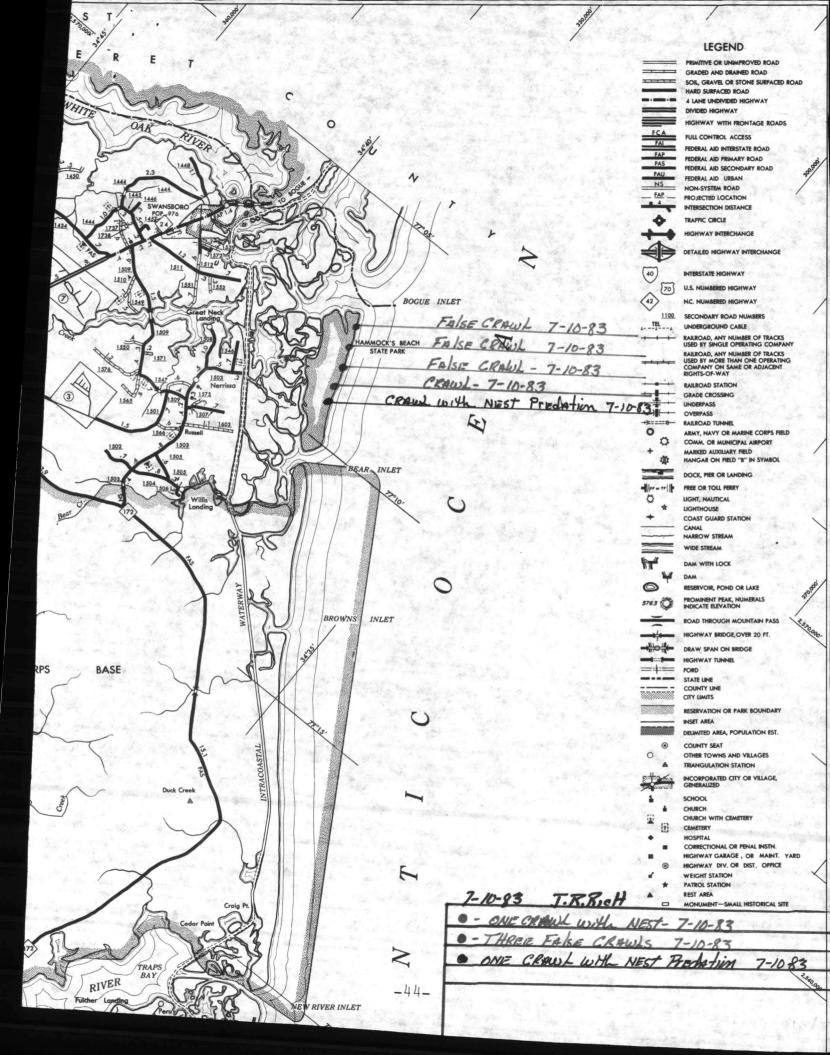


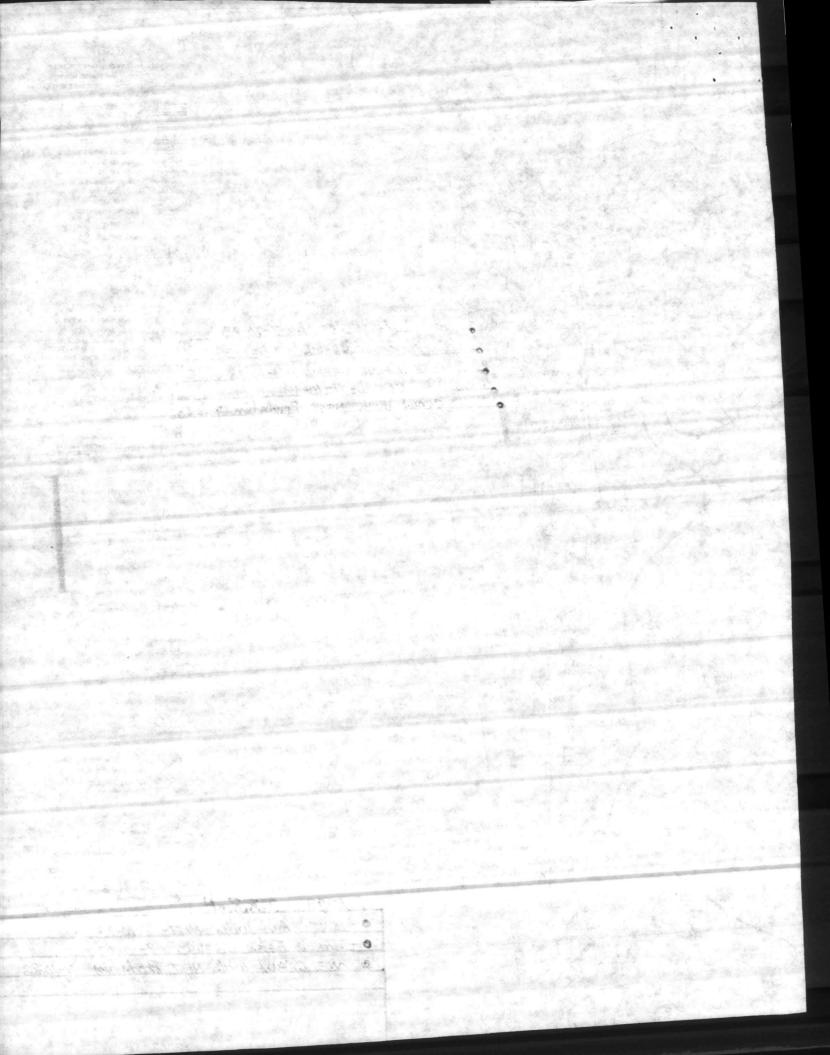


Date:	July 10 83 Time: S 06:08 F 08:20									
Recorder Name: _	Jerry	R. Rich								
0		None Pilot: J. R. Rich								
Co-Pilot:	None Crew Chief: None									
Others:	None	None								
Weather: General	5 mil	es haze 8	cfog	Cloud Cov	er <u>10000</u>	SCT				
Wind Speed	W 5-7	K	S	ea Conditi	ons <u>Ligh</u>	t Chop				
		BEACH	AERIAL SURVE) K				
Location	Cr	awls	Ne	sts	Nest P	redation				
	New	01d,	New	01d	New	Old				
Onslow Beach	0	0	0	0	0	0				
Browns Island	0	0	0	0	0	0				
Bear Beach	3	0	2	0	1	• 0				
		OCEAN	AERIAL SURVE	YS Alti	tude	400 Ft				
					Speed	60 K				
	Live T	urtles			Dead Turtles					
Bell Buoy from Bogue Inlet to New River Inlet	Juvenil None		dults None							
Comments:										
						Agrico III — en gran Badjajana				

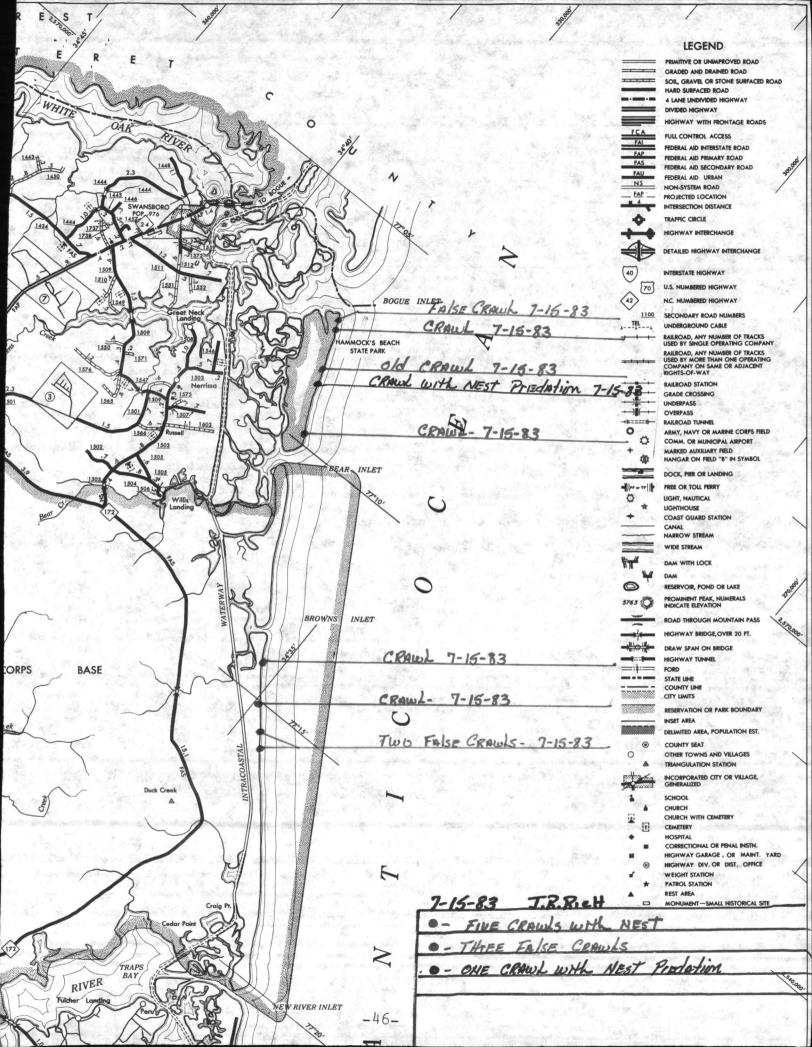
00:30 01 VIII.

ector. None

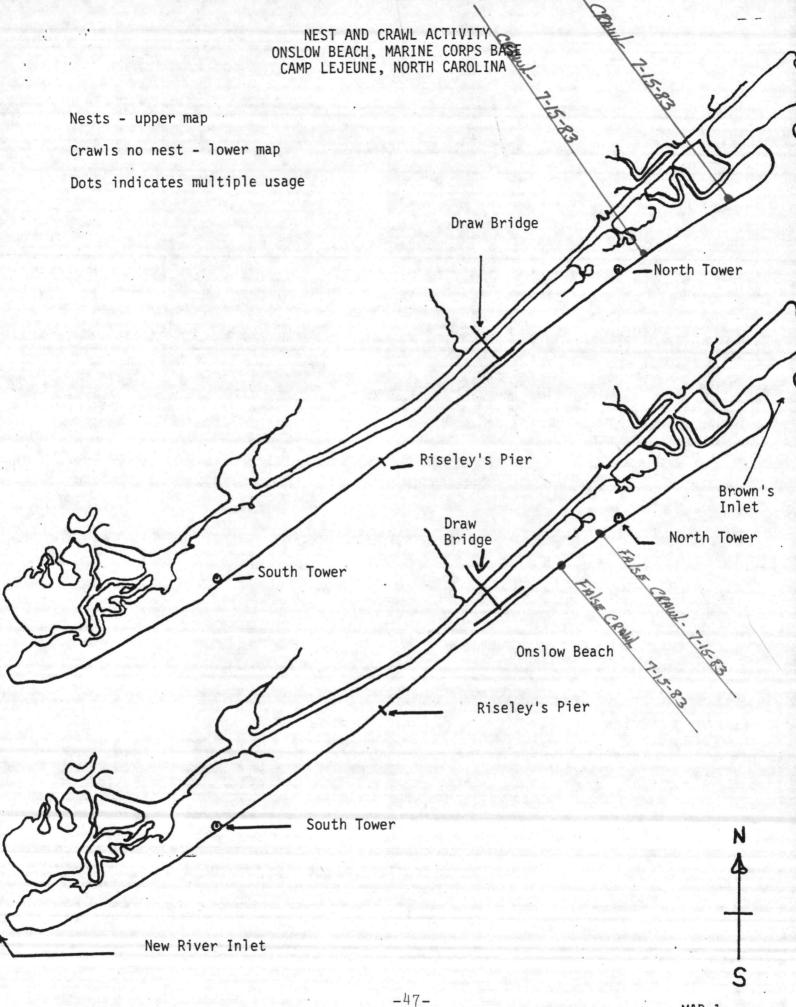


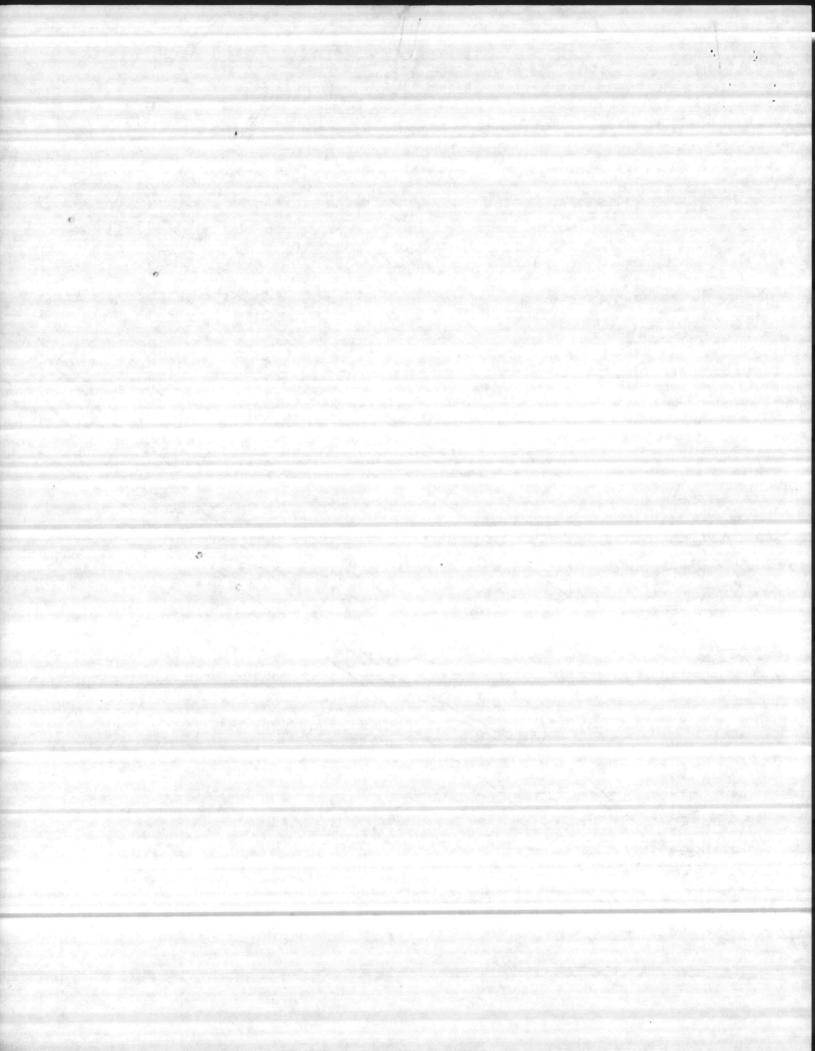


Date:	July	15 198	33 Time: S	06:05	F	13:00	
Recorder Name: _	Jerr	y R. R	ich				
Crew Names:	None		Pilo	t: <u>J. R</u>	Rich		
Co-Pilot:	None		Crew	Chief: _	None		
Others:	None						
Weather: General	1 mil	es vis	fog.	Cloud Cov	er 200 OV	rc ·	
Wind Speed	Calm		S	ea Conditi	ons <u>Calm</u>	ı	
	Y.	BEAC	CH AERIAL SURVE		tude 100 Speed 60		
Location	Cr	awls	Ne	sts	Nest Pr	edation	
	New	01d	New	01d	New	01d	
Onslow Beach	2	0	2	0	0	0	
Browns Island	0	0	0	0	0	0	
Bear Beach	1	0	3	1	1	0	
		OCEA	N AERIAL SURVE			00 Ft	
	Live T	urtles			Dead Turtle	S	
Bell Buoy from Bogue Inlet to New River Inlet	Juvenil	we are the second	Adults None		None		
Comments:							
				Market I and the			



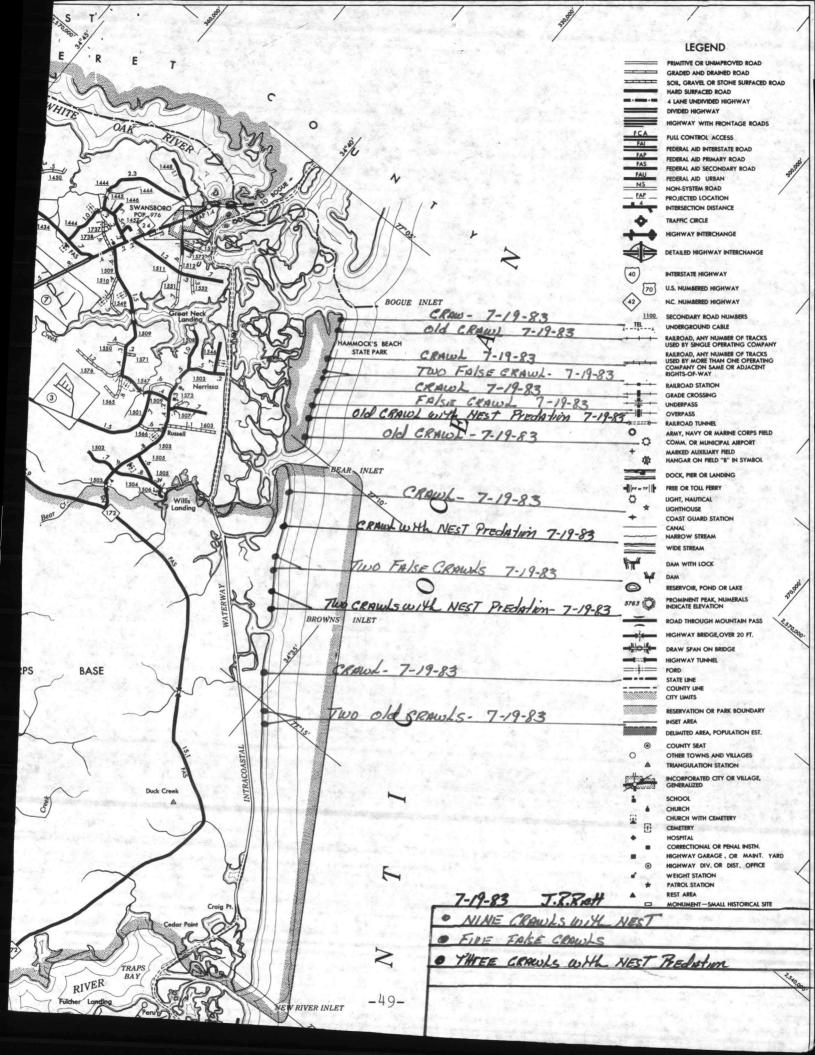
word State of the Date Mandage of the State 122 1 - 1 may - 42 Salt - 0 o with the the the true in our

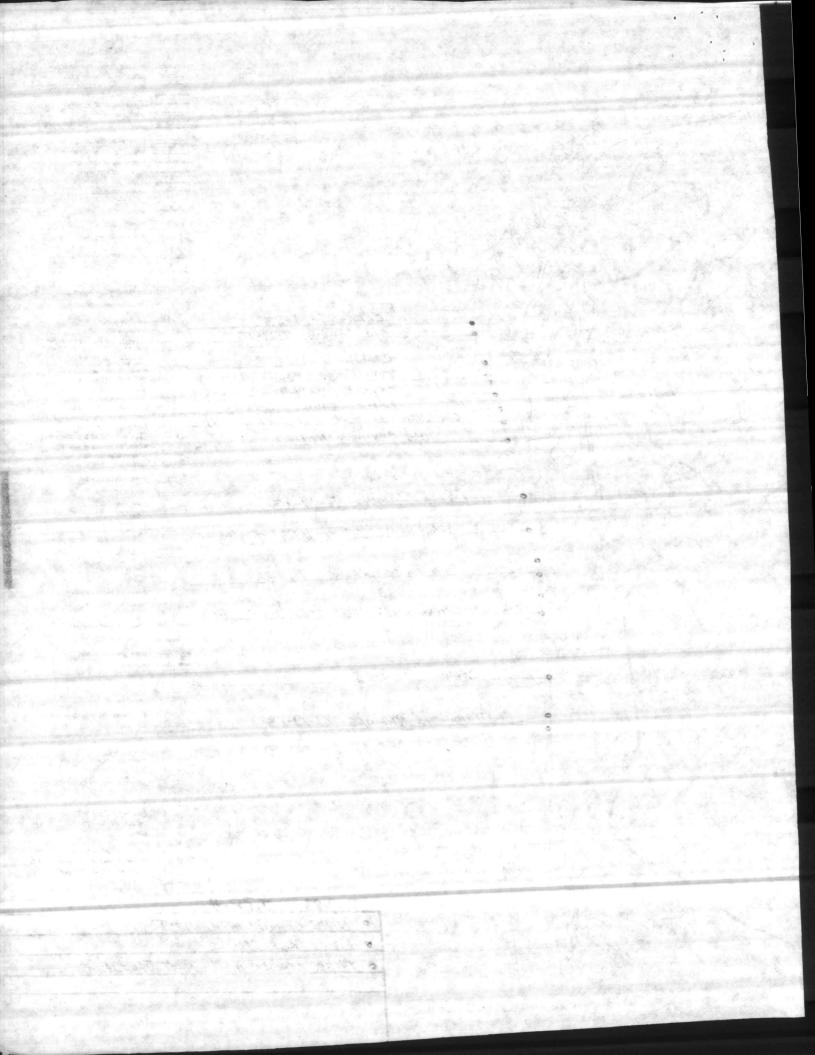


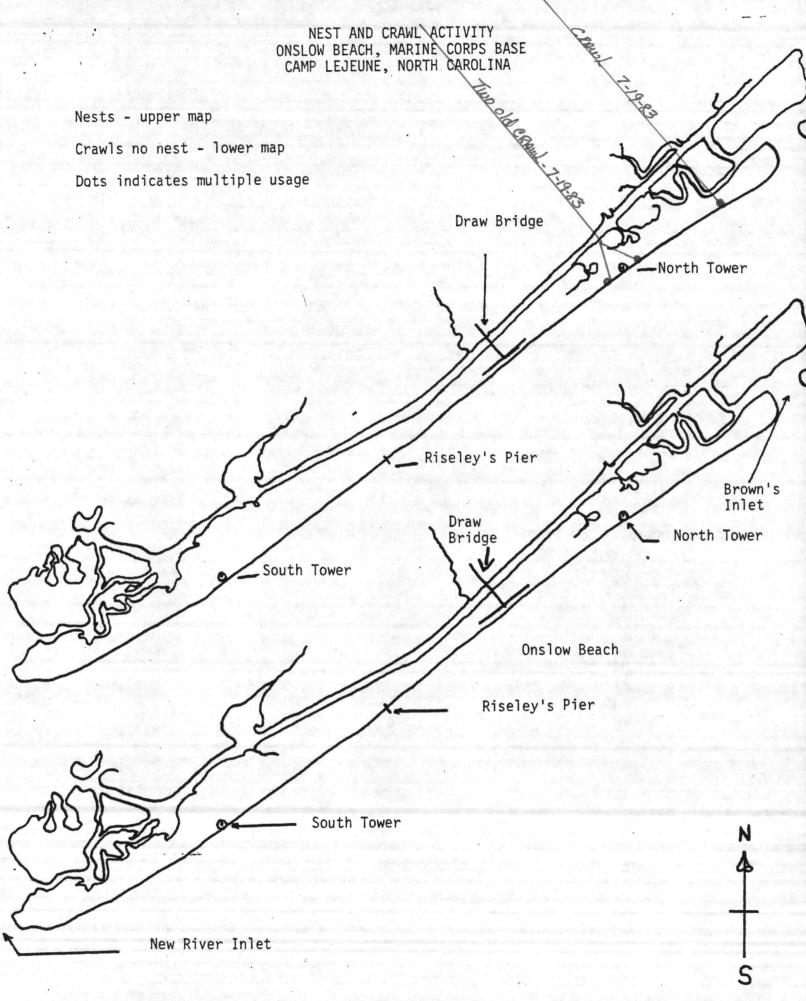


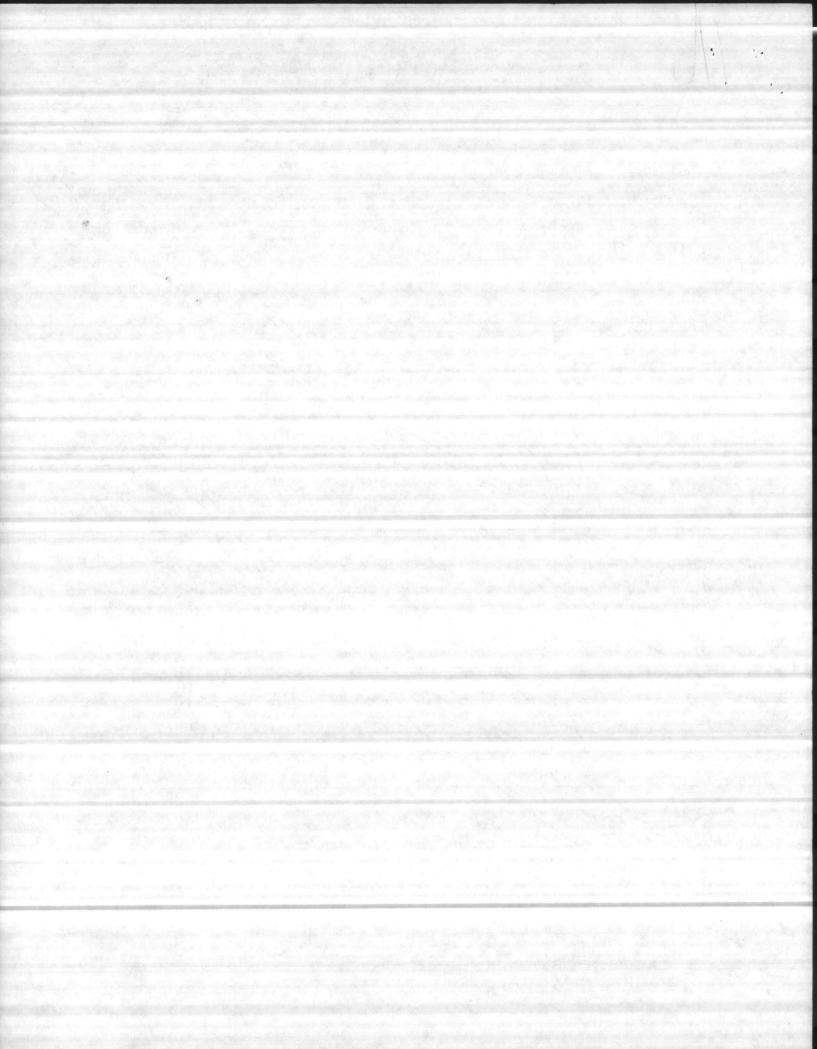
Date:	July 19 19	983	Time: S	06:09	06:09 F 08:30				
Recorder Name:	Jerry R. Rich								
Crew Names:	None Pilot: J. R. Rich								
Co-Pilot:	None Crew Chief: None								
Others:	None								
Weather: Genera	al _X 1 1	mile fog	& haze	Cloud Cove	er <u>-X f</u>	og & ha z e			
Wind Speed	SW less	than 5 K		Sea Conditio	ons <u>Cal</u>	m			
		BEACH /	AERIAL SURVE		ude 100 peed 60				
Location	Crawls			ests Nest Predation					
	New	01d,	New	01d	New	01d			
Onslow Beach	0	0	1	2	0	0			
Browns Island	2	0	74	0	3	0			
Bear Beach	3	0	3	3	0	1			
		OCEAN	AERIAL SURVE	EYS Altit	ude <u>200</u> Speed 60	Ft. K			
	Live T	urtles			Dead Turtles				
Bell Buoy from	Juvenil	e Adı	Adults						
Bogue Inlet to New River Inlet	None	Ng	None		None				
Comments:				1					

ng: Po in the control of the control



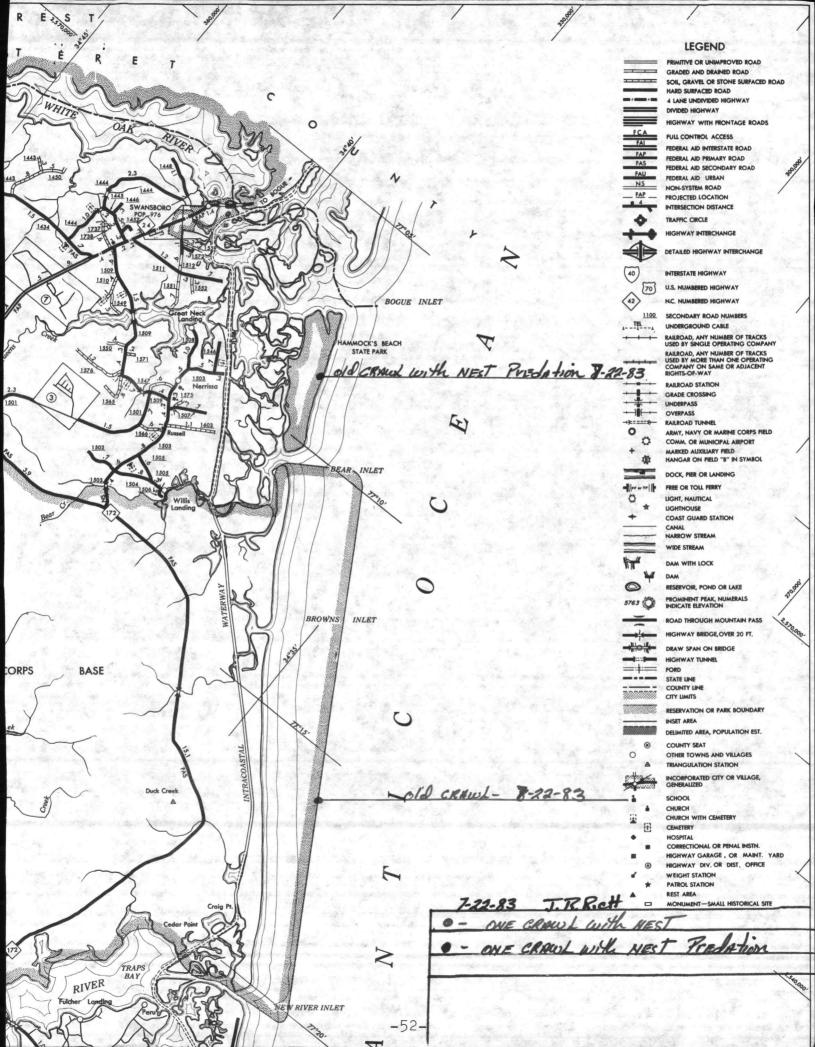


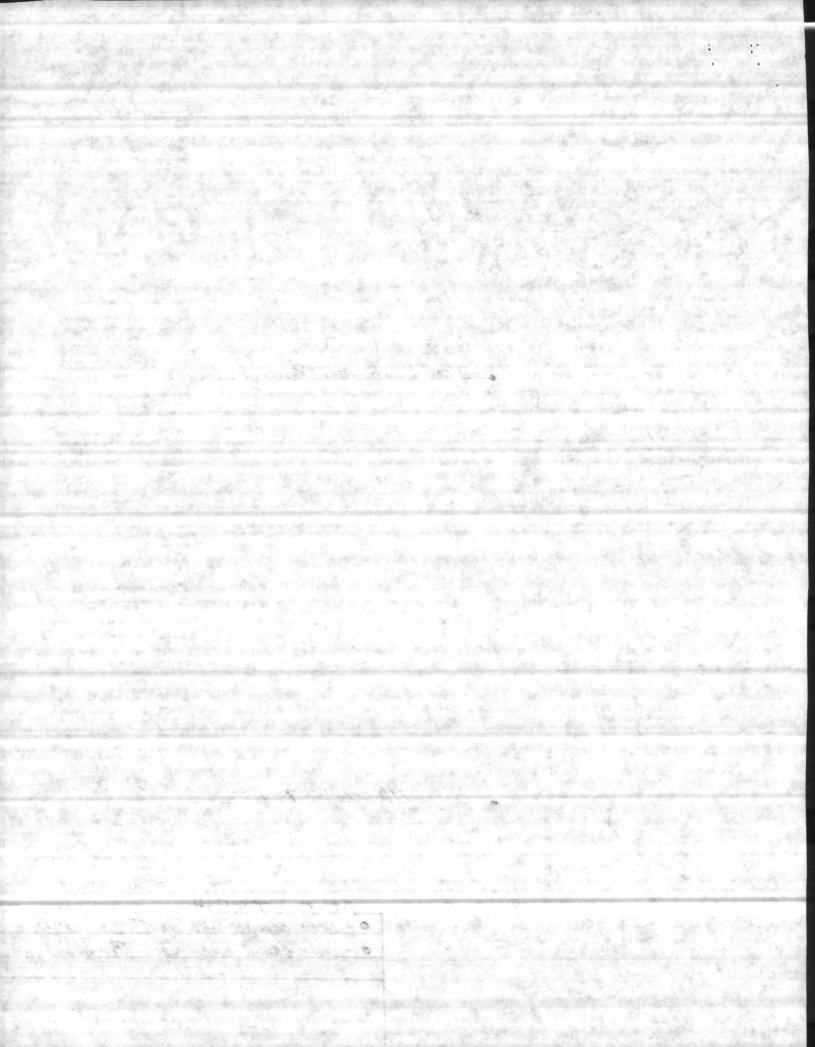


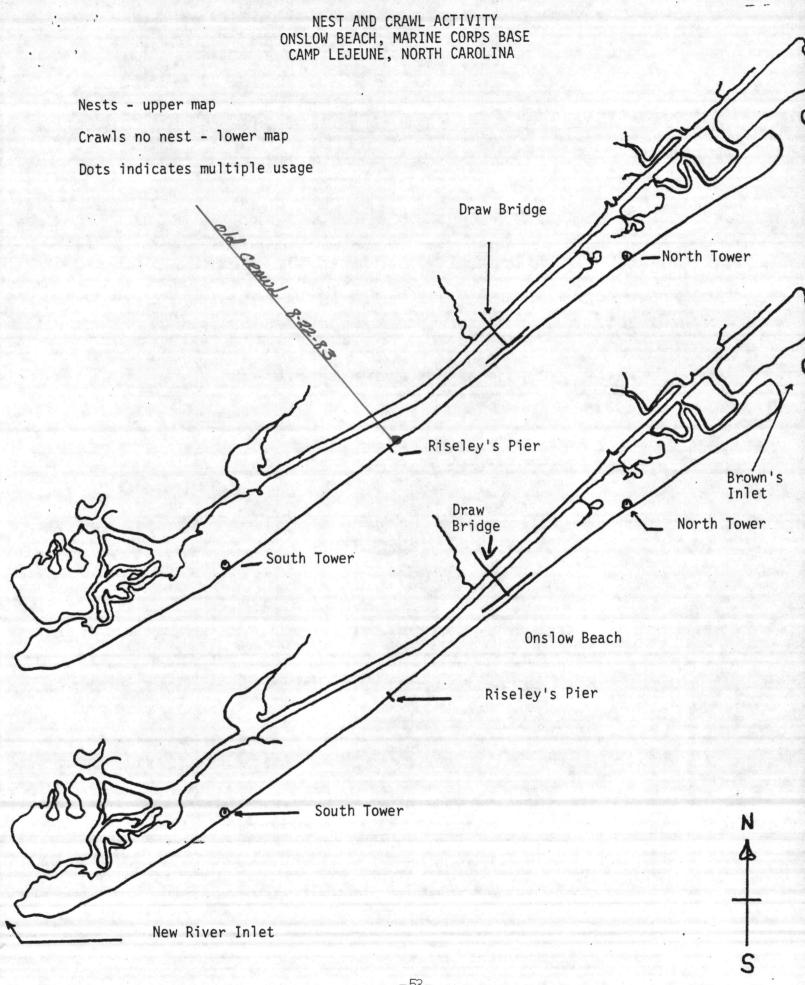


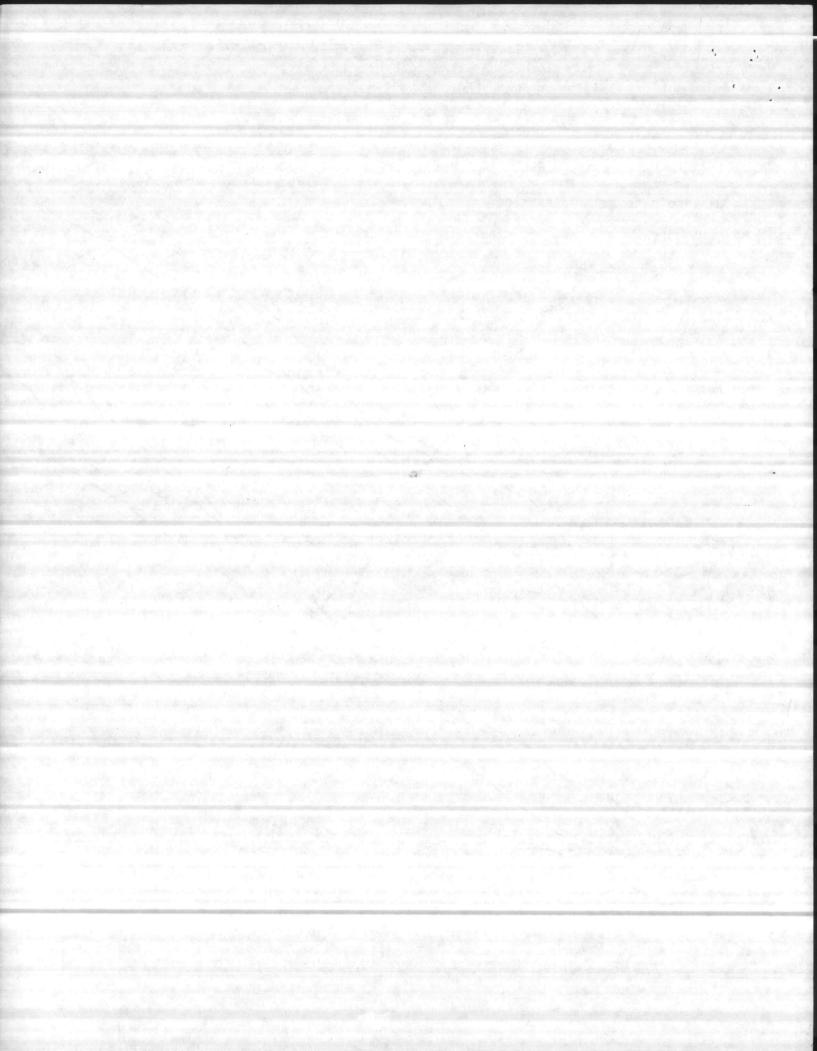
Recorder Name: Jerry R. Rich Crew Names: None Pilot: J. R. Rich	Date:	July 22	83	Time: S	06:13	F	08:29			
Co-Pilot: None Crew Chief: None Others: None None Weather: General SCT TWR & rain Cloud Cover 2000-3000 BKN Wind Speed SW 10-12 K Sea Conditions Chop White Control of the Control of	Recorder Name:	Jerry B	Jerry R. Rich							
None SCT TWR & rain Cloud Cover 2000-3000 BKN	Crew Names:	None	None Pilot: J. R. Rich							
Weather: General SCT TWR & rain Cloud Cover 2000-3000 BKN	Co-Pilot:	None								
Sw 10-12 K Sea Conditions Chop White Conditions Chop White Conditions BEACH AERIAL SURVEYS Altitude 100 Ft 60 K	Others:	None								
BEACH AERIAL SURVEYS	Weather: Genera	SCT TWR	& rain	1	Cloud Cov	er 2000-	3000 BKN			
Crawls Nests Nest Predation	Wind Speed									
New Old, New Old New Old Onslow Beach 0 0 0 1 0 0 Browns Island 0 0 0 1 1 0 Bear Beach 0 0 0 0 0 0 0 OCEAN AERIAL SURVEYS Altitude Air Speed 300 FT Air Speed 60 K 60 K Live Turtles Dead Turtles Dead Turtles None None Bell Bloy from Bogue Inlet to None None None None			BEAC							
Onslow Beach 0 0 0 1 0 0 Browns Island 0 0 0 1 1 0 Bear Beach 0 0 0 0 0 0 0 OCEAN AERIAL SURVEYS Altitude 300 FT Air Speed 60 K Live Turtles Dead Turtles Bell Buoy from Bogue Inlet to None None None None River Inlet None None	Location	Crawls			sts	Nest F	Nest Predation			
Browns Island		New	01d,	New	01d	New	01d			
Dead Turtles Dead Turtles None None None None None Dead Turtles None None Dead Turtles None None Dead Turtles None No	Onslow Beach	0	0	0	1	0	0			
OCEAN AERIAL SURVEYS Altitude 300 FT Air Speed 60 K Live Turtles Dead Turtles Bell Buoy from Bogue Inlet to None None None None	Browns Island	0	0	0	1	1	0			
OCEAN AERIAL SURVEYS Altitude 300 FT Air Speed 60 K Live Turtles Dead Turtles Bell Buoy from Bogue Inlet to None None None None	Bear Beach	0	0	0	0	0	. 0			
Air Speed 60 K Live Turtles Dead Turtles Bell Buoy from Bogue Inlet to None None None None										
Bell Buoy from Bogue Inlet to New River Inlet			OCE	AN AERIAL SURVE	13					
from Bogue Inlet None None None to New River Inlet		Live T	urtles			Dead Turtl	es			
to New River Inlet	from	Juvenil	e	Adults						
Comments:	to	None		None		None				
	Comments:									
	The first termination of the A				Mary Array Control					

00:00

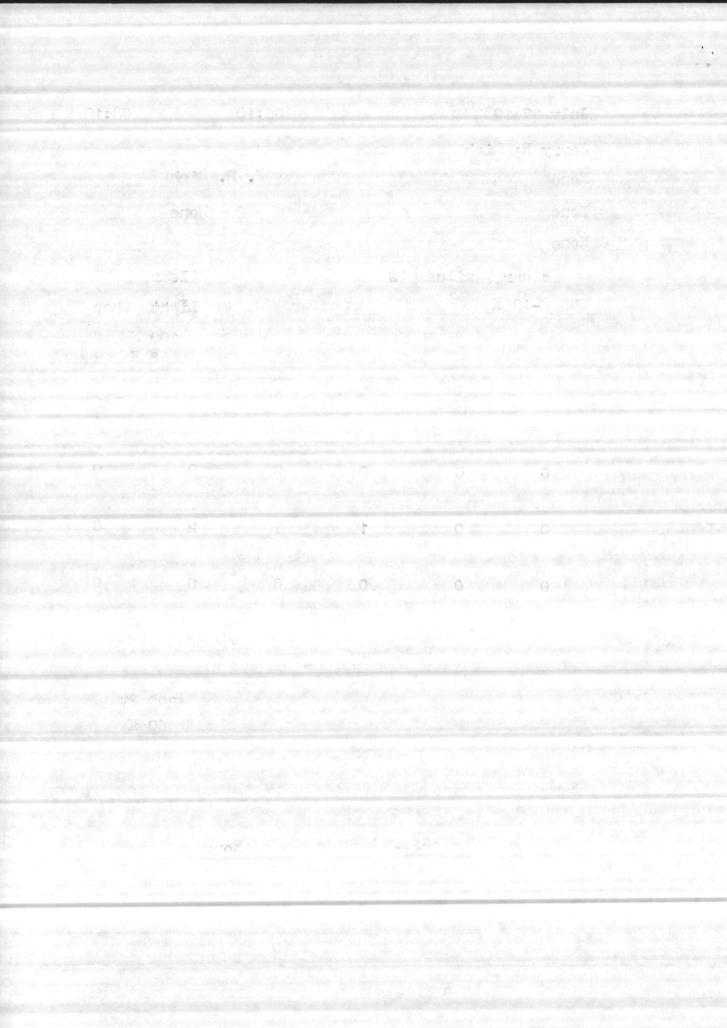


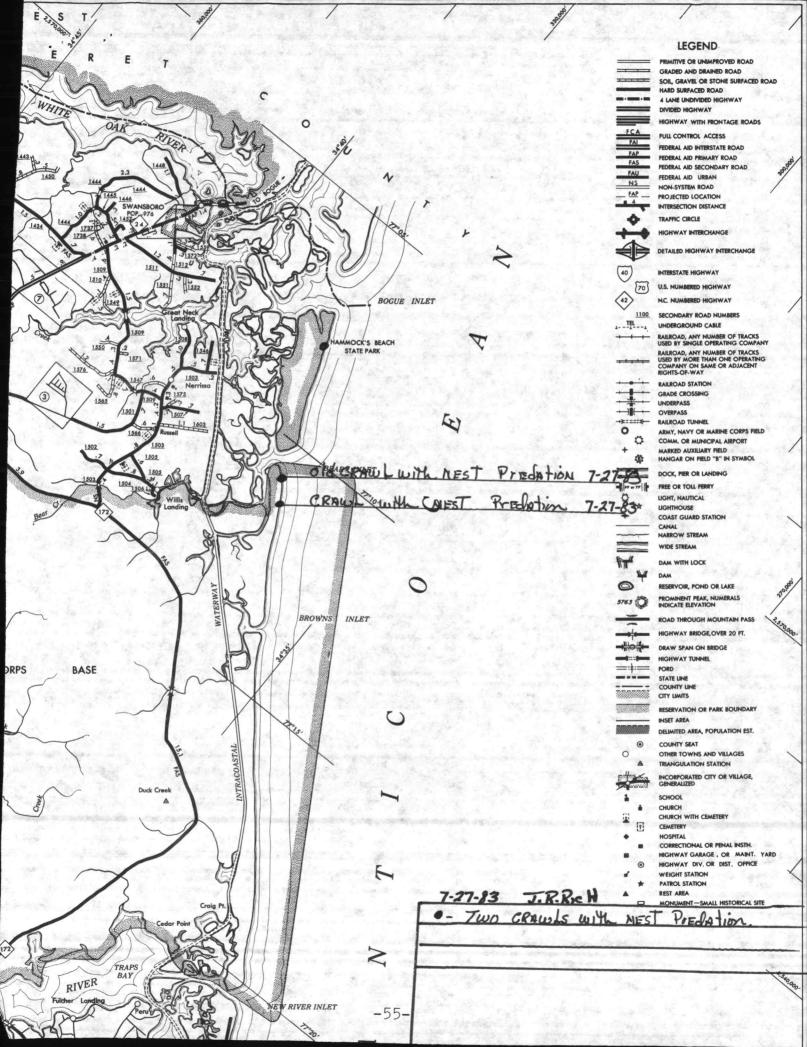


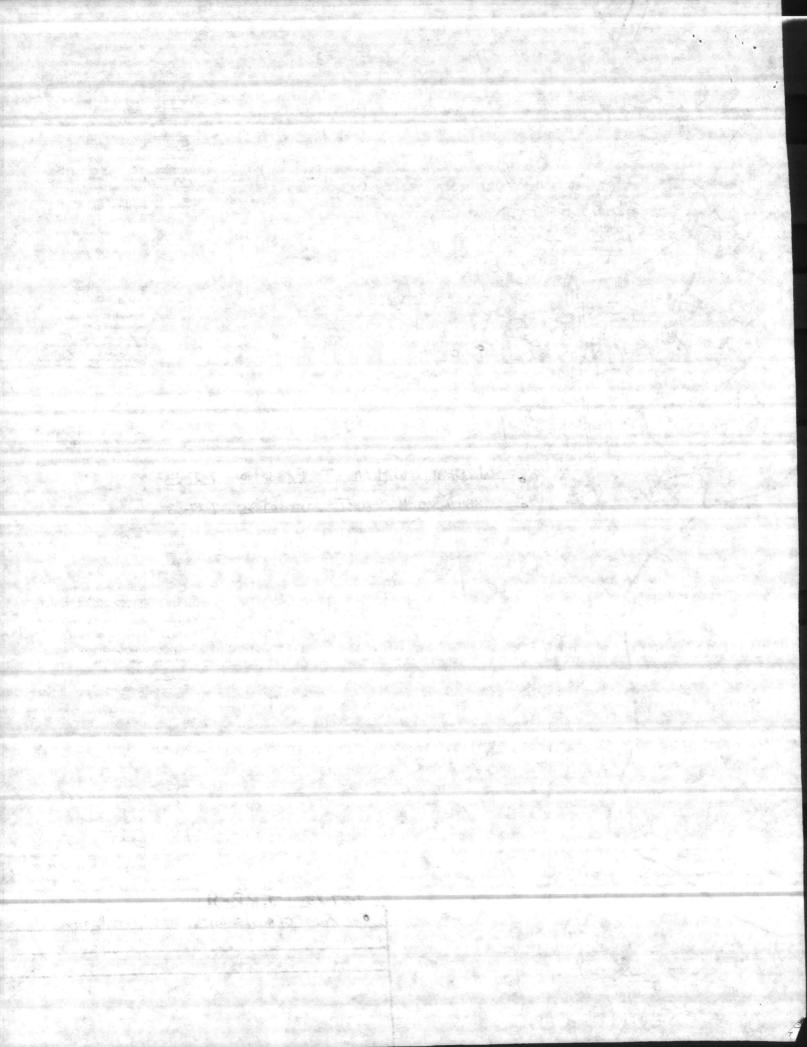




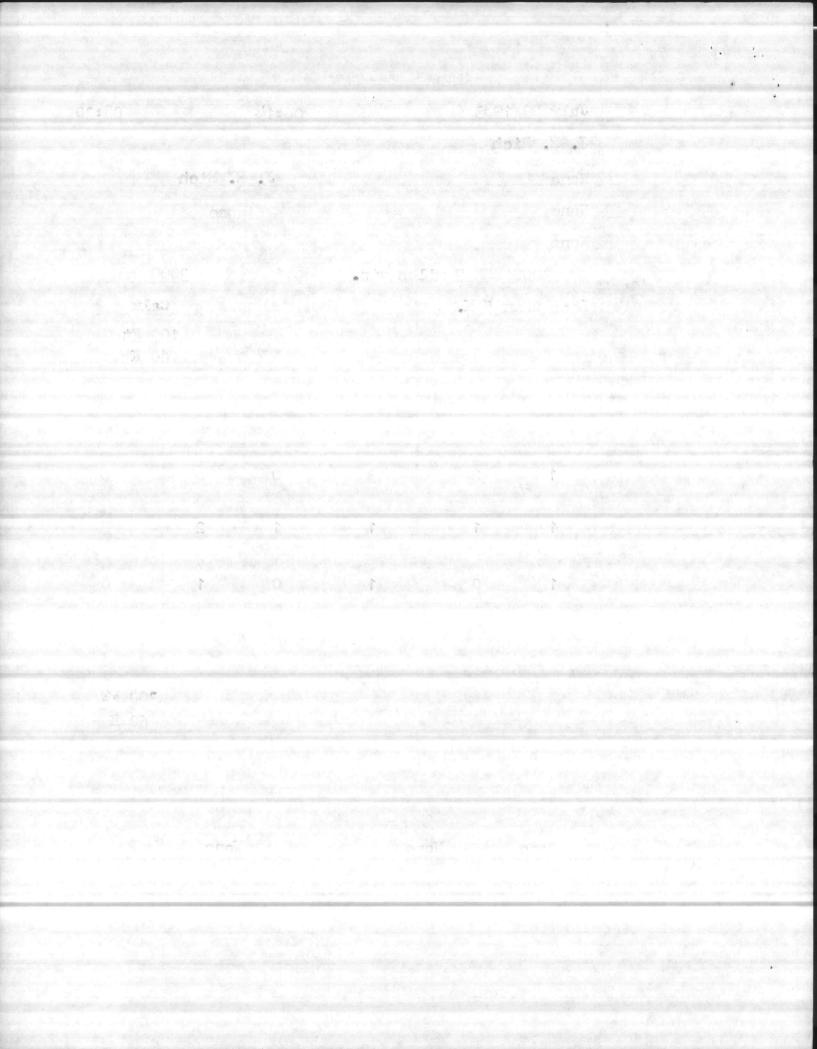
Date:J							
Recorder Name: J	erry R; Ri	ch		an refund			
Crew Names:N							
Co-Pilot: N	one		Crew	Chief: _	None		
Others: N	one						
Weather: General	clear 7	miles v	ris	Cloud Cov	er <u>Clear</u>		
Wind SpeedE	NE 8-10 K		S	ea Conditi	ons Light	Chop	
		BEACH A	AERIAL SURVE			FT K	
Location	Craw	ıls	Ne	sts	Nest Pr	edation	
	New	01d	New	01d	New	01d	
Onslow Beach	0	0	0	0	0	0	
Browns Island	0	0	1	1	2	0	
Bear Beach	0	0	0	0	0	0	
		OCEAN A	AERIAL SURVE		tude <u>300</u> Speed <u>60</u>		
	Live Tur	tles		er ka kit klisterajonska i kitoria	Dead Turtle	s	
Bell Buoy	Juvenile	Adu	ilts				
from Bogue Inlet to New River Inlet	None None			None			
Comments:							
			La Company and Server				

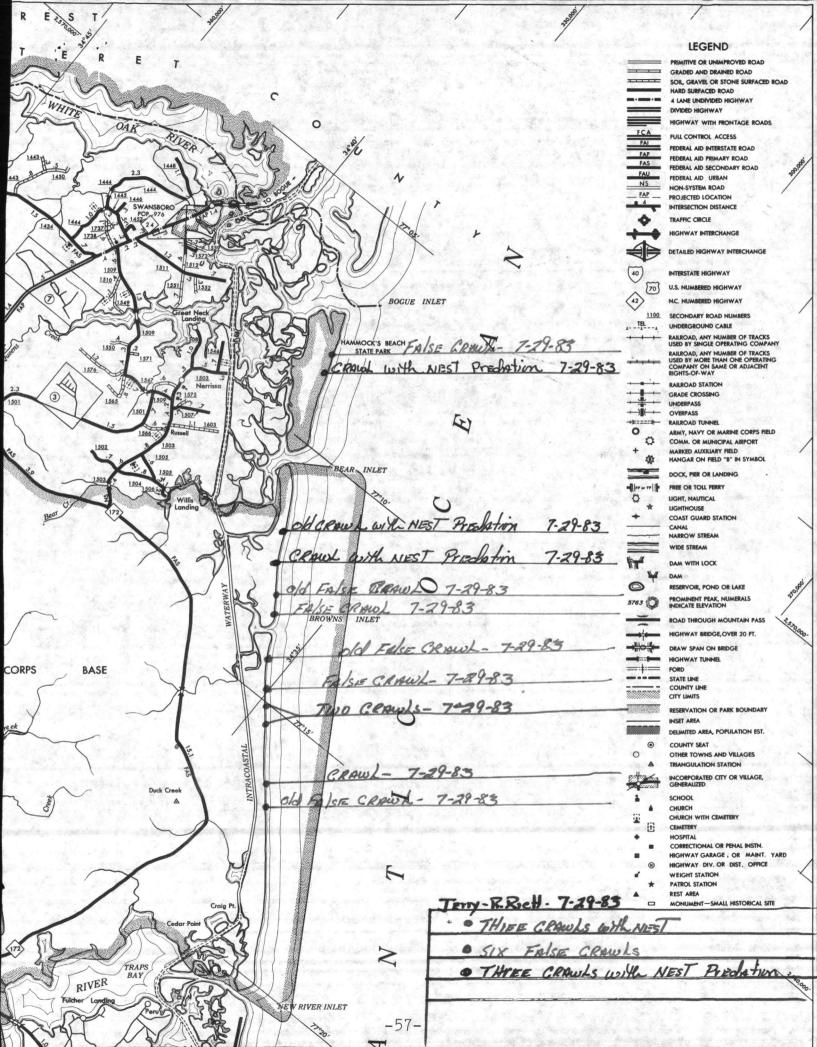


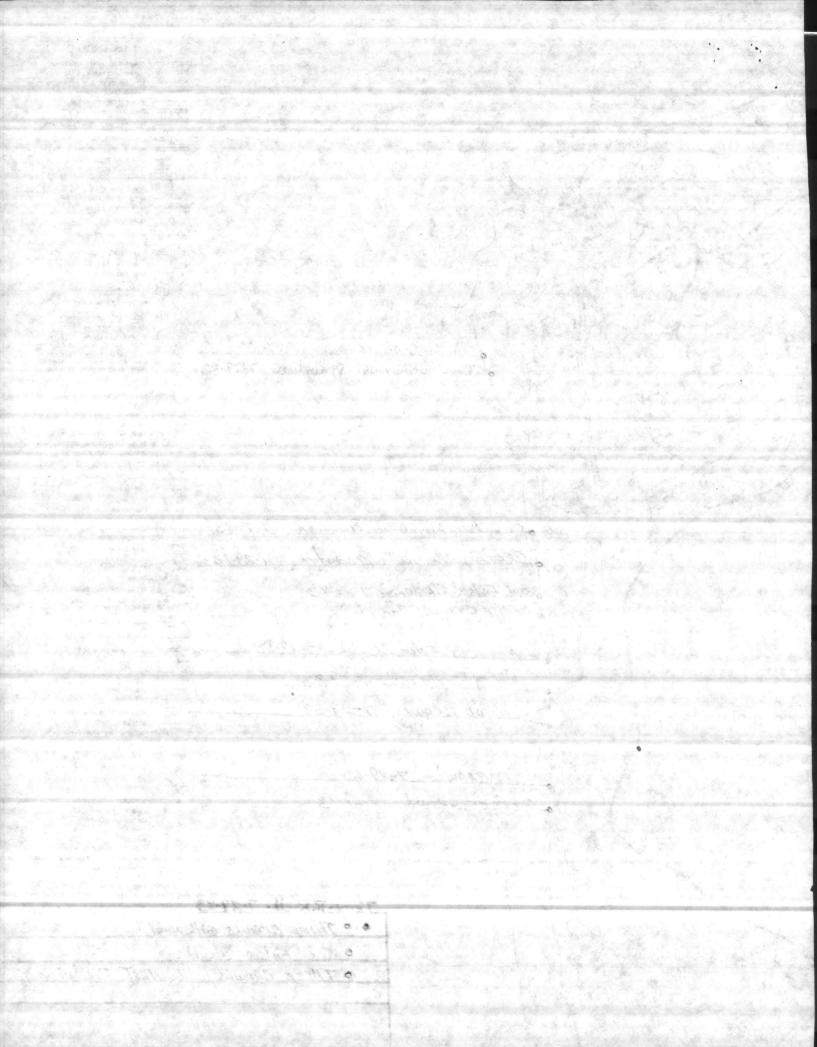


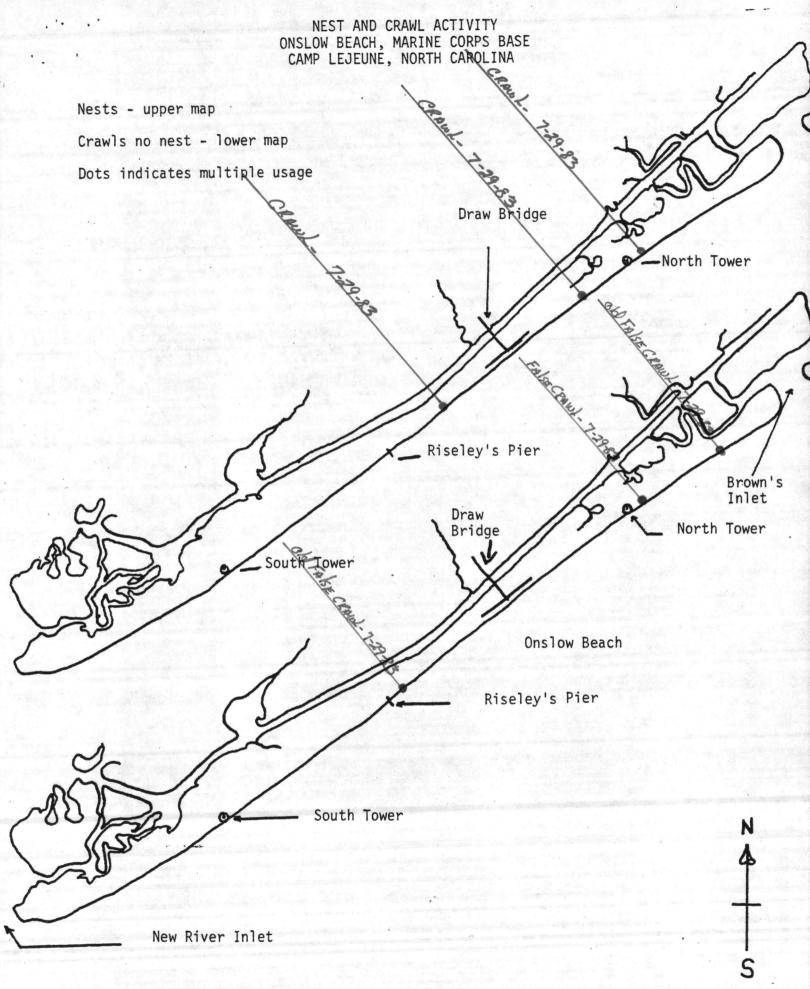


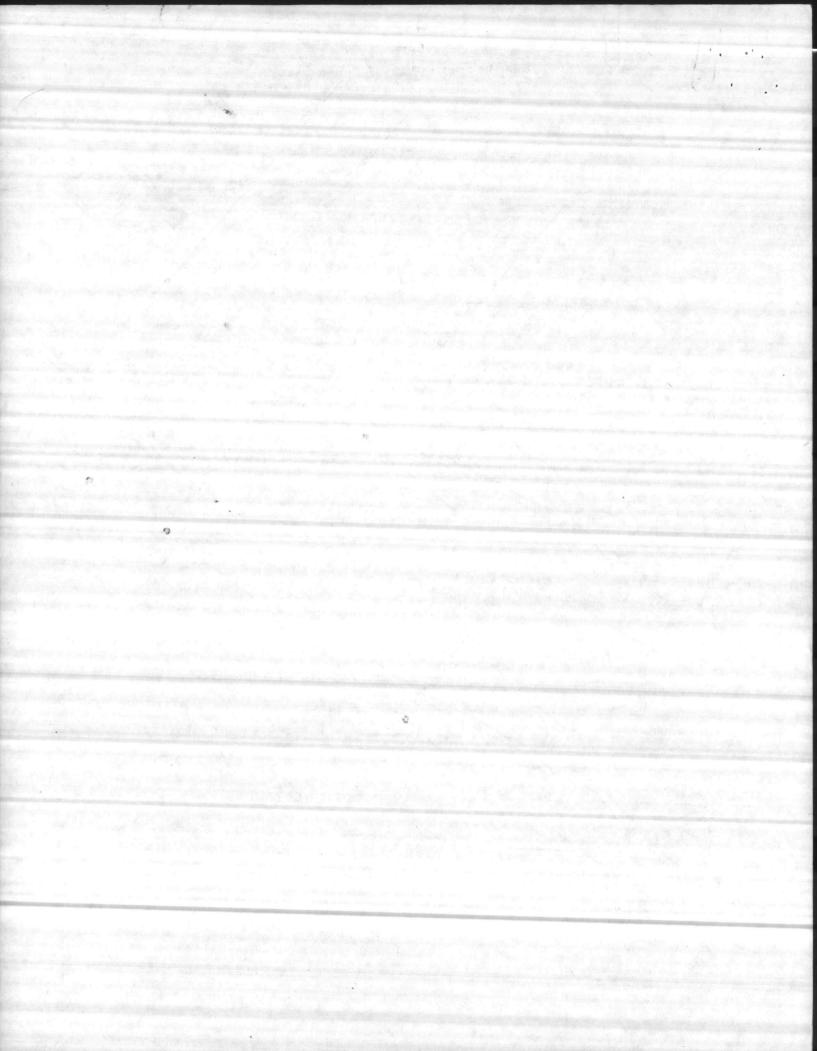
Date:	July 29 1983 Time: S 06:14 F 08:30							
Recorder Name:	J. R. Rich							
Crew Names:	None Pilot: J. R. Rich							
Co-Pilot:	None Crew Chief: None							
Others:	None							
Weather: Genera	3000	BKN 7 m	iles vis.	Cloud Cove	er <u>300</u>	O BKN		
Wind Speed	Less than	5 K.	S	ea Conditi	ons C	alm		
	e de la companya de l	BEACH	AERIAL SURVE		ude 100 Speed 60			
Location	Crawls Nes			sts	sts Nest Predation			
	New	01d,	New	01d	New	01d		
Onslow Beach	1	2	3	0	0	0		
Browns Island	1	1	1	1	2	0		
Bear Beach	1	0	1	0	1	0		
		OCEAN	AERIAL SURVE	15	tude	300 FF 60 K		
				Air	Speed	00 11		
	Live T	urtles			Dead Turtle	S		
Bell Buoy	Juvenil	e A	dults					
from Bogue Inlet to New River Inlet	None None			None				
Comments:				1				
		0						







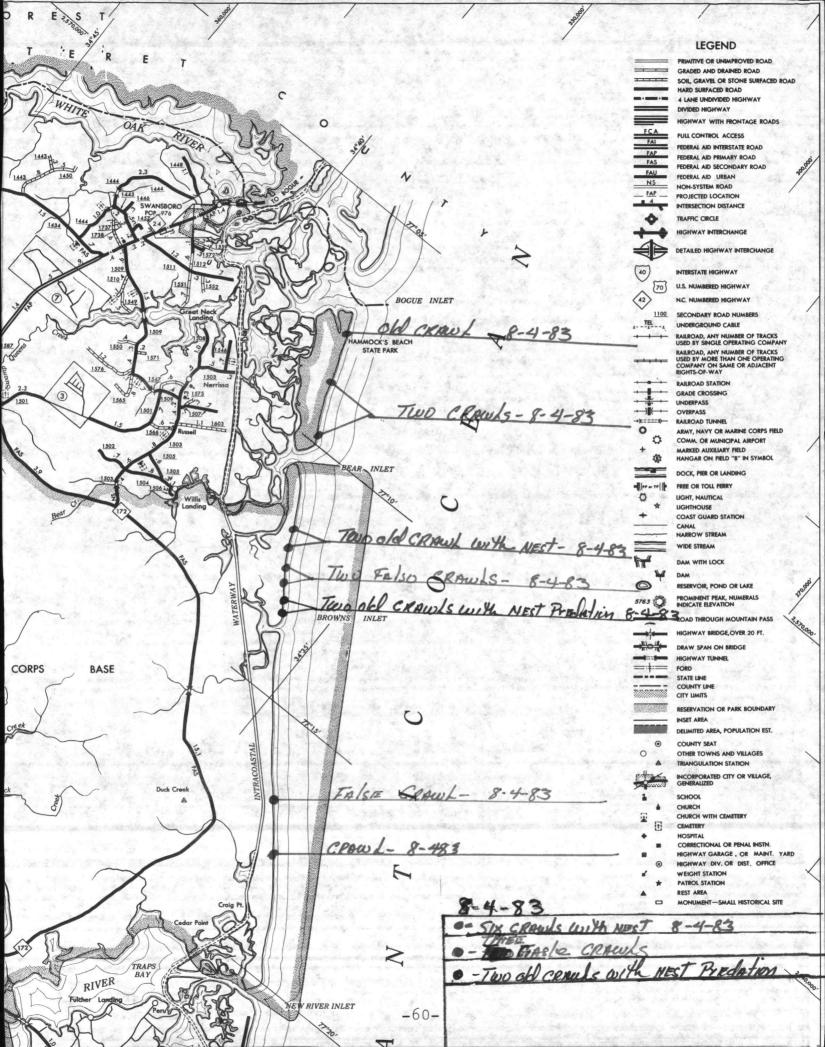


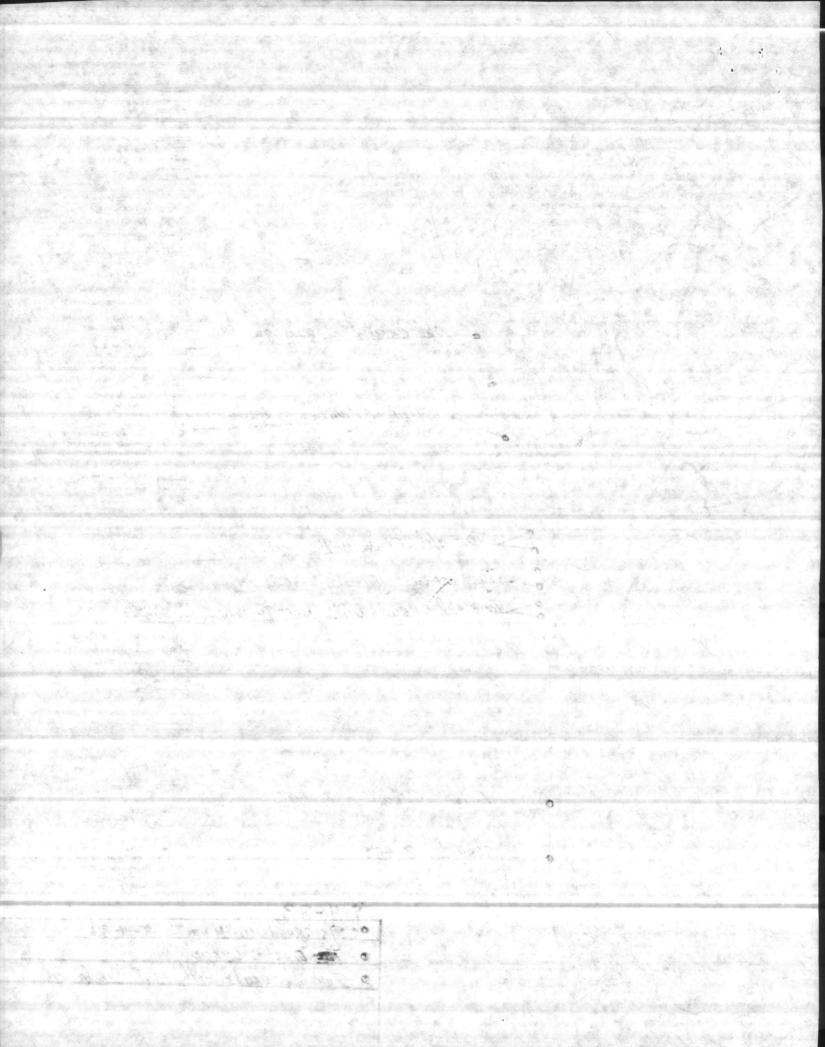


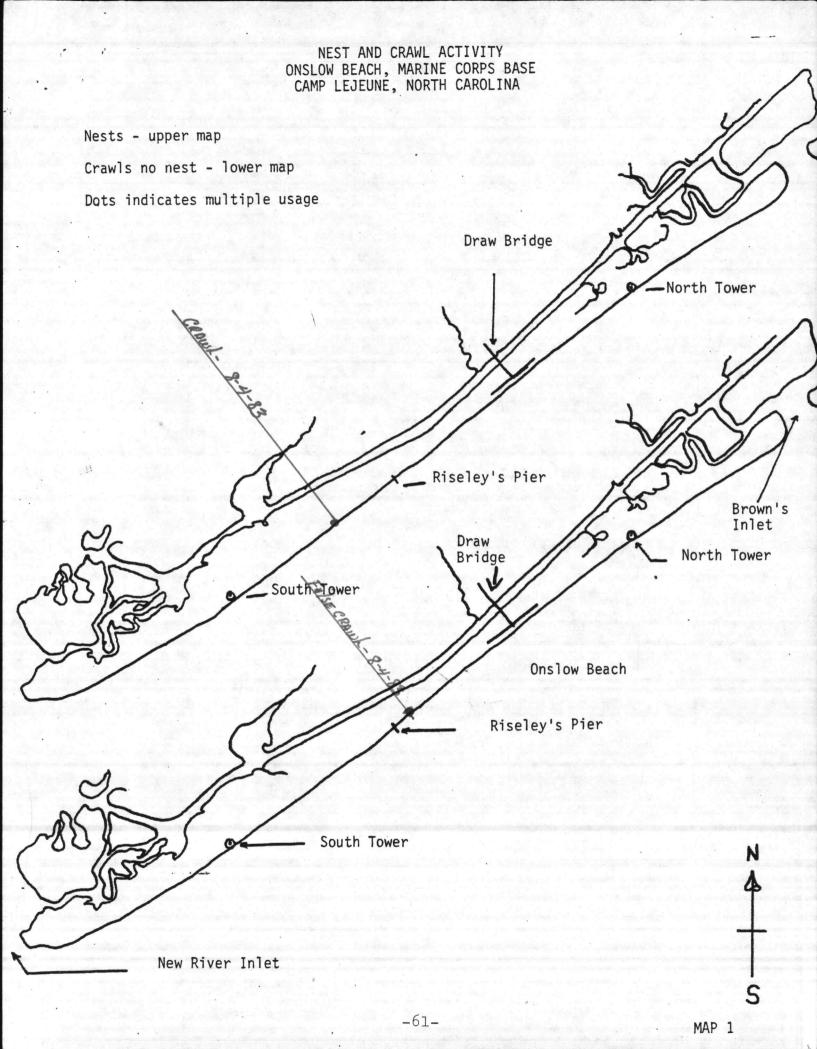
Date:	August 4 1	983	Time: S	06:13	F _	08:20		
Recorder Name:	Jerry R. Rich							
Crew Names:	None Pilot: J. R. Rich							
Co-Pilot:	None Crew Chief: None							
Others:	None							
Weather: Genera	1 1000 E	kn Rain		Cloud Cov	er <u>1000</u>	BKN		
Wind Speed	Calm		S	ea Conditi	ons Calm			
		BEACH	AERIAL SURVE	YS Altit	Speed	00 Ft 60 K		
Location	Cra	wls	Ne	Nests		redation		
	New	01d,	New	01d	New	01d		
Onslow Beach	1	0	1	0	0	0		
Browns Island	2	0	0	14	2	0		
Bear Beach	0	0	2	1	0	. 0		
and have been seen as		OCEAN	AERIAL SURVE	.13	tude 30			
				Air	Speed 6	50 K		
	Live Turtles Dead Turtles					es .		
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile Adults None None			N	None			
Comments:		1						
						M = 1 P P		

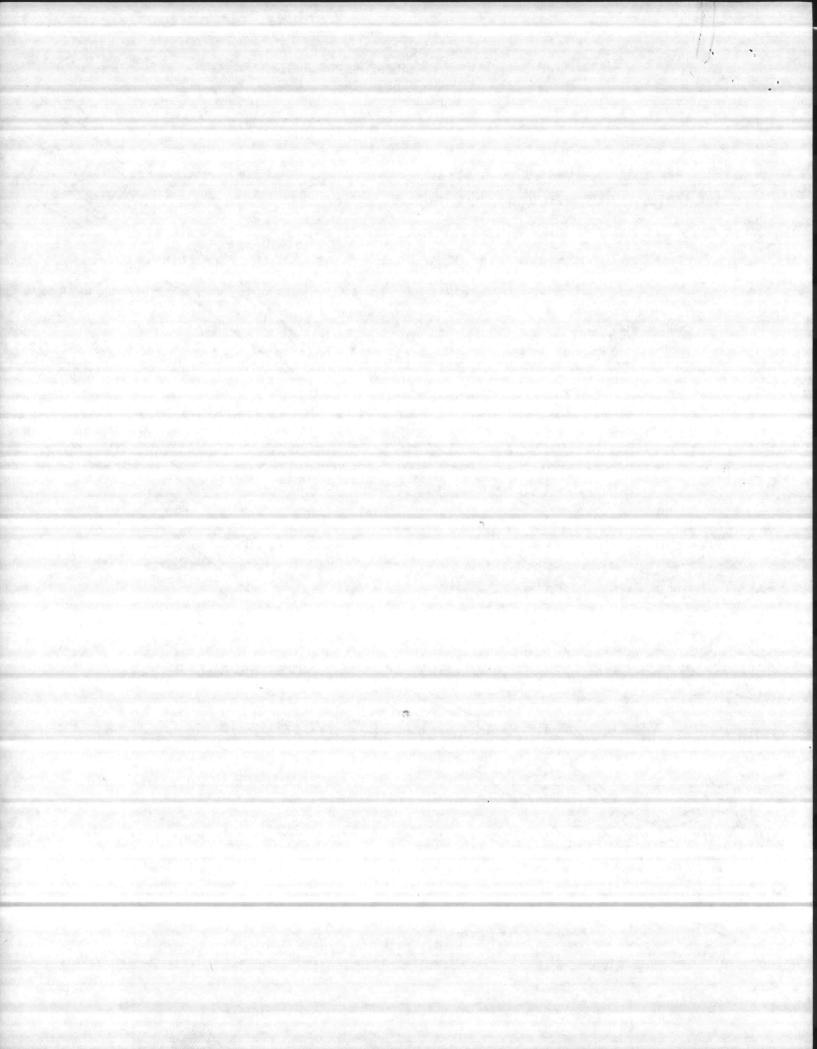
OCTO

eno.



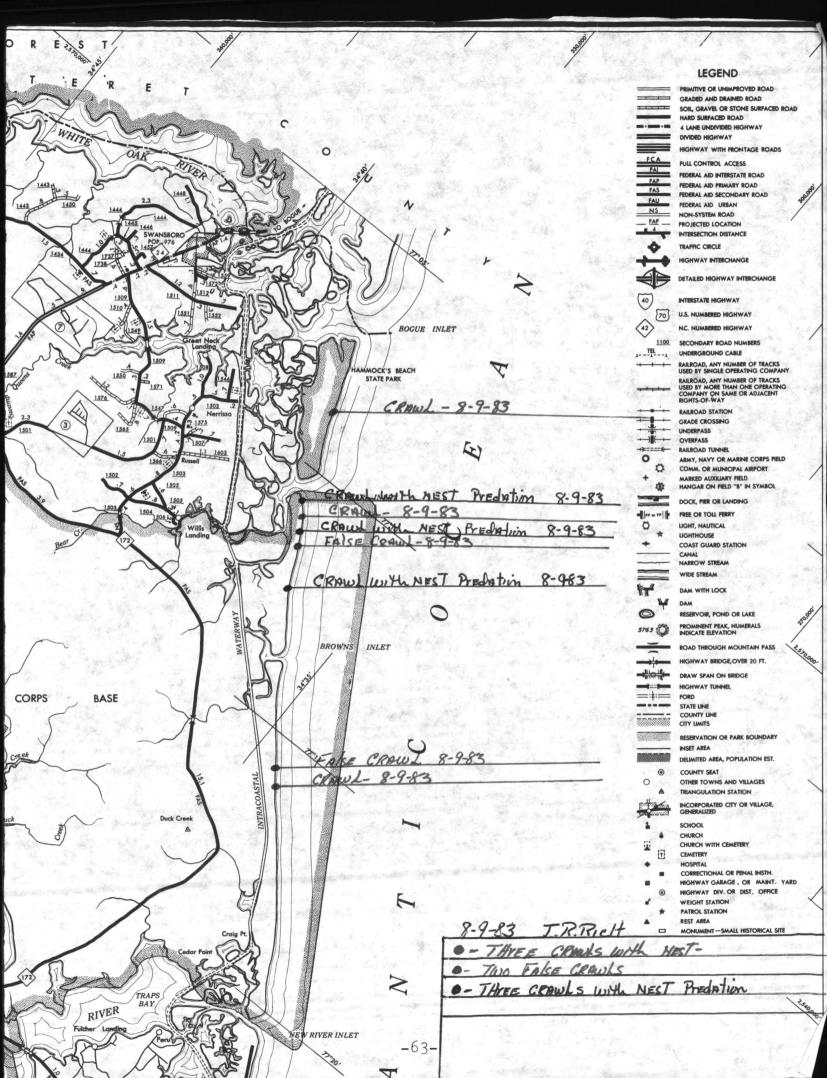




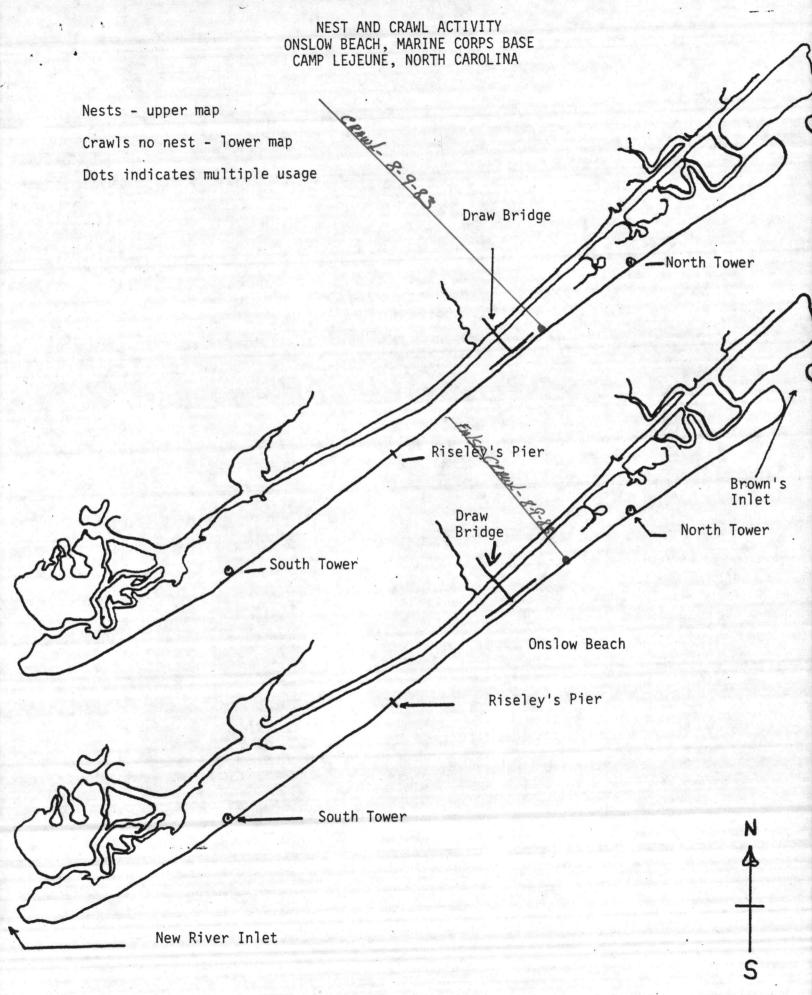


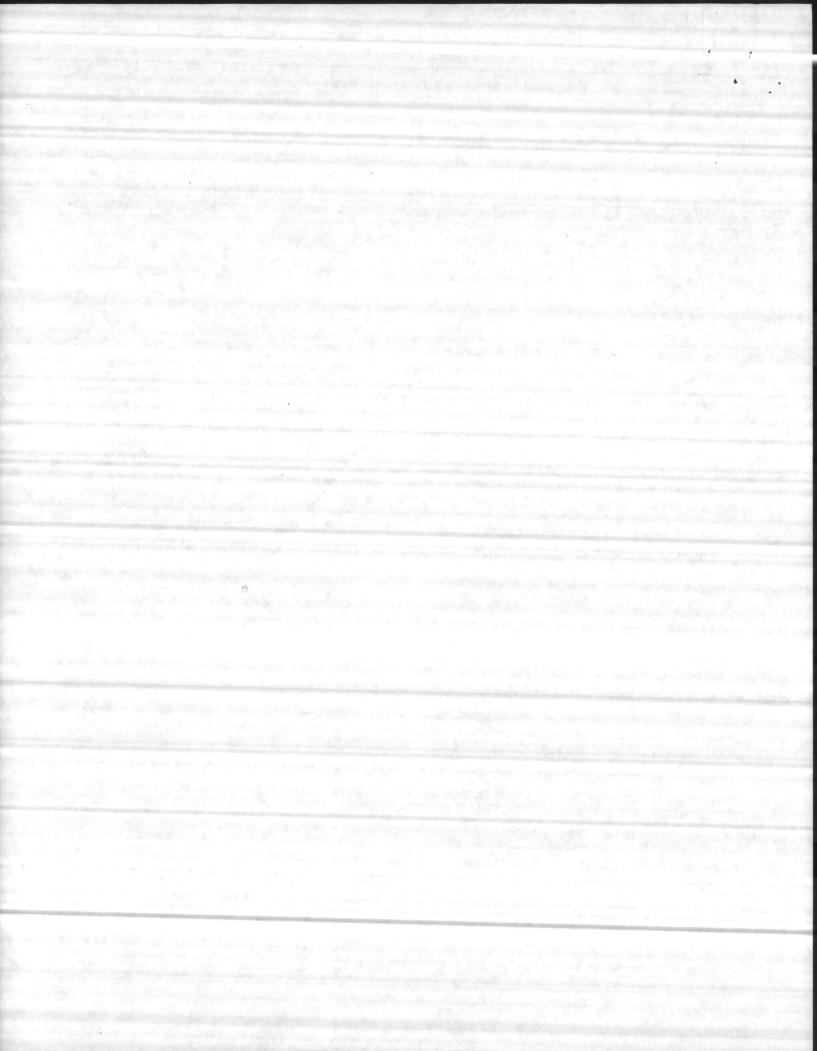
Date:	August	August 9 1983 Time: S 06:10 F 08:12								
Recorder Name: _	Jerry R	Jerry R. Rich								
Crew Names:	None	None Pilot: J. R. Rich								
Co-Pilot:	None	None Crew Chief: None								
Others:	None									
Weather: General	2-3 mile	es fog	& haze	Cloud Cov	er <u>Clea</u>	r				
Wind Speed	SW 8 K		AERIAL SURVE	YS Altit		Ft				
Location	Crawls Nes			sts	ts Nest Predation					
	New	01d,	New	01d	New	01d				
Onslow Beach	1	0	0	0	0	0				
Browns Island	1	0	L,	0	3	0				
Bear Beach	0	0	1	0	0	0				
				4						
		OCEAN	AERIAL SURVE		tude Speed	300 Ft.				
	Live Tur	tles			Dead Turtle	S				
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None		ults	N	None					
Comments:		1								
	u u									

De la companya de la La companya de la co



THE PROPERTY OF THE PARTY OF TH of the Carte State of Marie Property

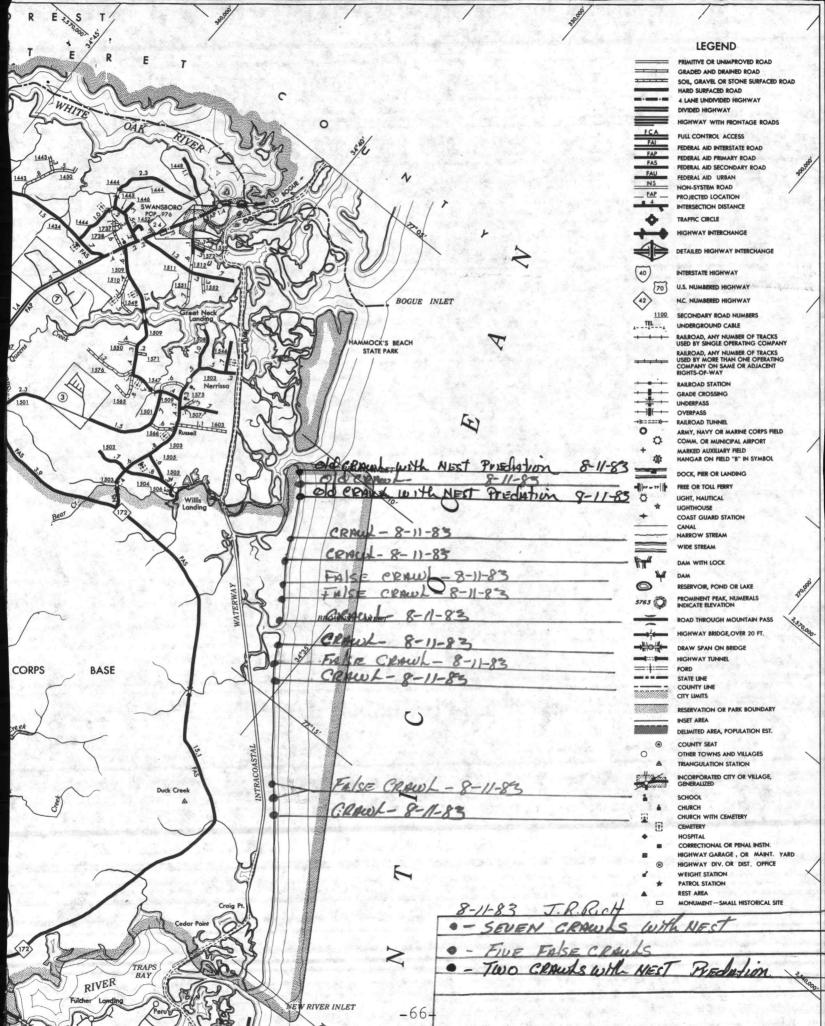




August	August 11 1983 Time: S 06:02 F 08:22								
Jerry I									
None	None Pilot: J. R. Rich								
None									
thers: None									
1 mile	fog &	haze	Cloud Cove	er <u>800 0</u>	DVC				
SW 8-10	K	S	ea Conditi	ons Chop					
	BEACH	AERIAL SURVE	YS Altit Air S	ude 100 Speed 60	F ^T K				
Crawls Nest			sts	ts Nest Predation					
New	01d,	New	01d	New	01d				
0	0	0	0	0	0				
2	0	3	3	0	2				
2	0	. 3	0	0	0				
			4						
	OCEAN	AERIAL SURVE	. 5		300 Ft 60 K				
Live Tu	urtles			Dead Turtles					
Juvenile None	e A	dults None	None						
	5.00								
	None None None None None T mile SW 8-10 Cro New O 2 2 Live To Juvenile	Jerry R. Rich None None None 1 mile fog & SW 8-10 K Crawls New Old, 0 0 2 0 2 0 CEAN Live Turtles Juvenile A	None Pilo None Crew None Crew None 1 mile fog & haze SW 8-10 K Sc BEACH AERIAL SURVE Crawls New O O O O 2 O 3 2 O 3 OCEAN AERIAL SURVE Live Turtles Juvenile Adults	None Pilot: J.	None				

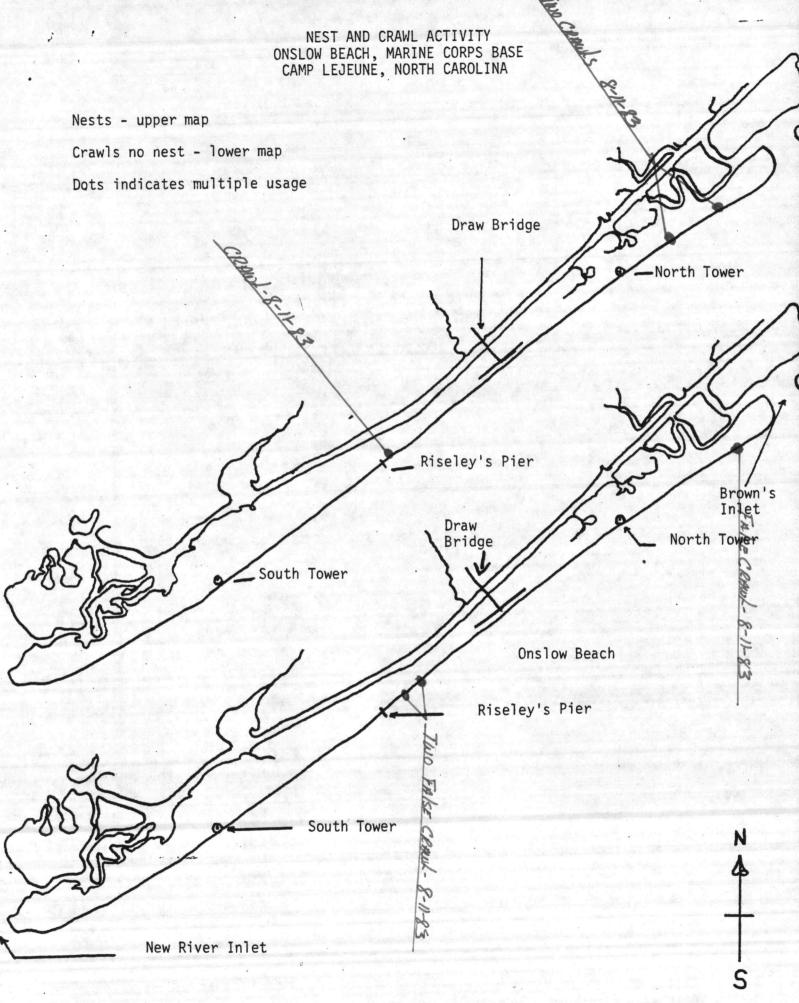
A CONTRACTOR cort.

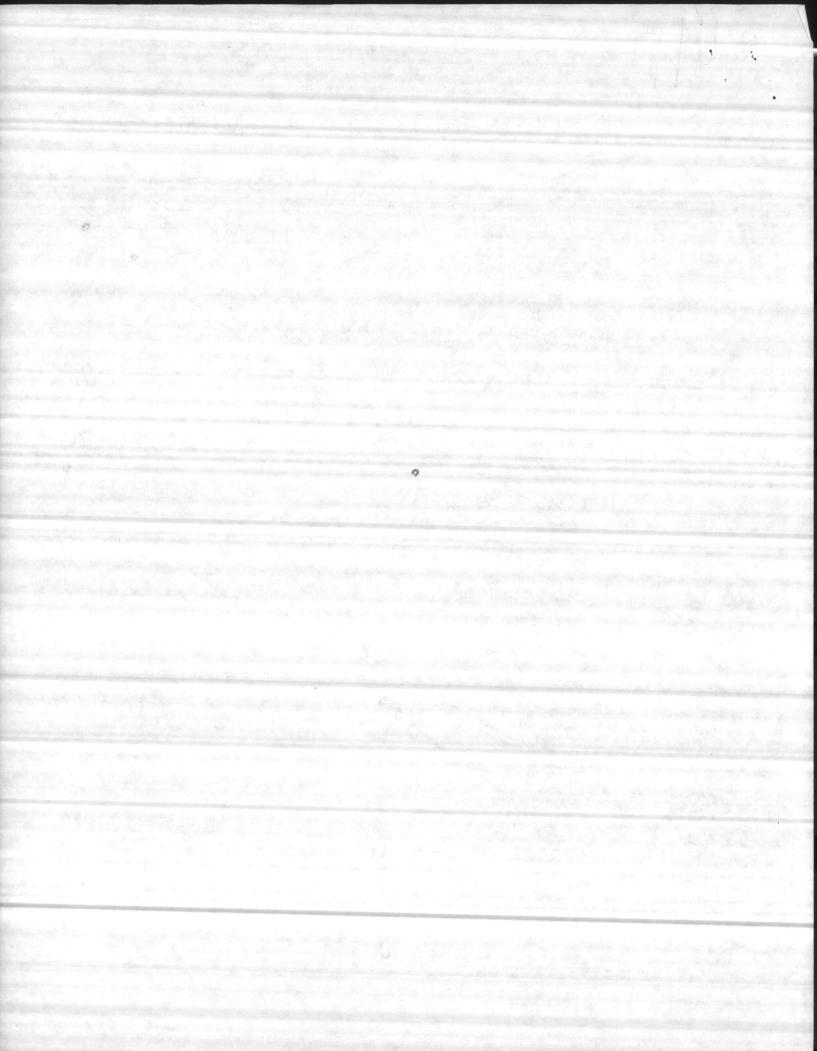
orto: Dreek profit



Traps of the second sec

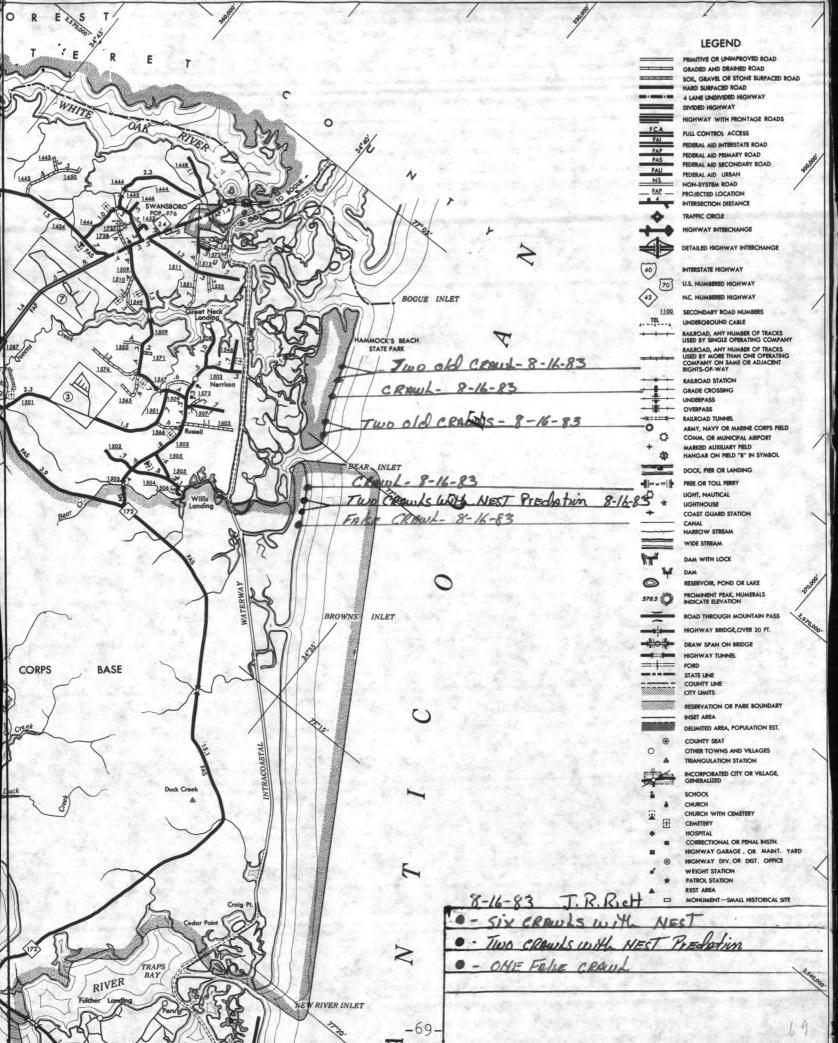
Later All Commence of the second 1000 - 1007 - 1007

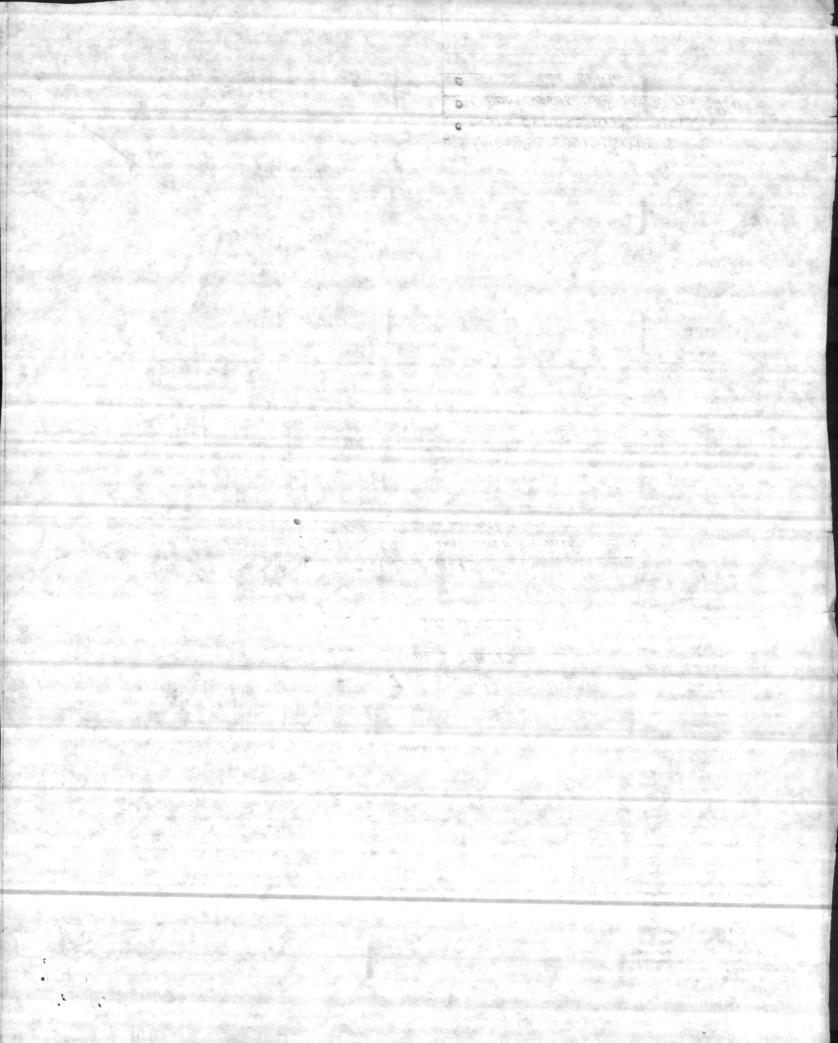




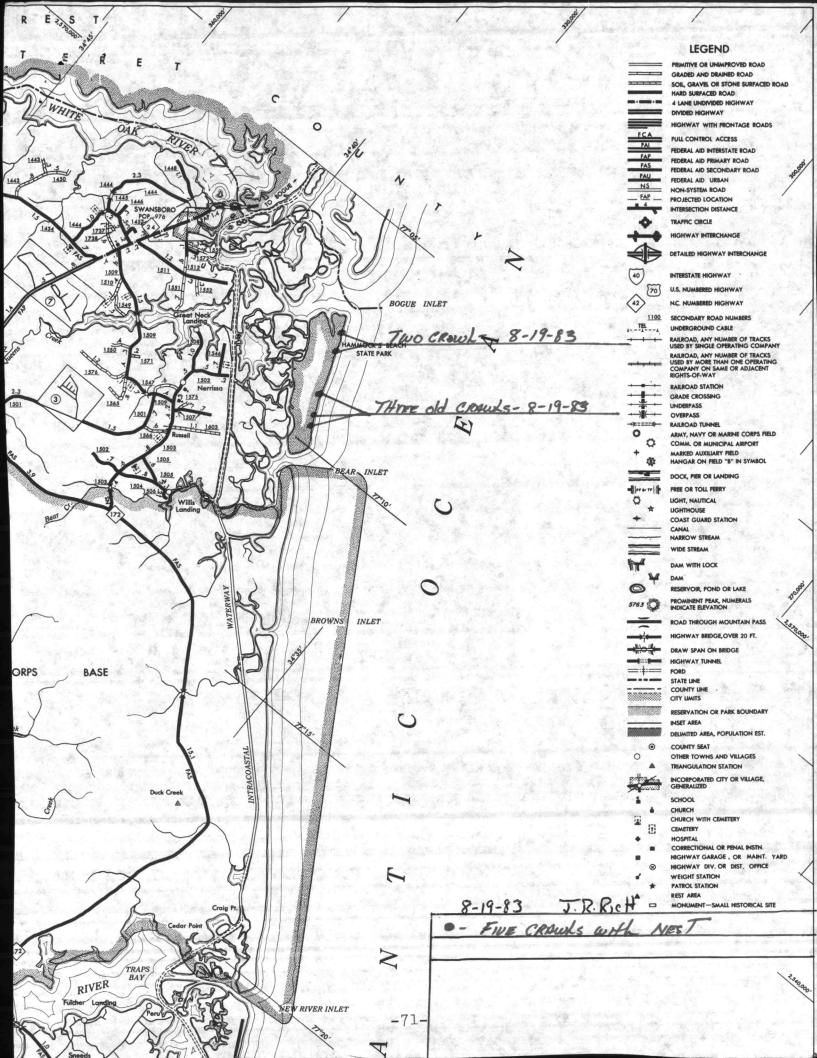
Recorder Name: Je Crew Names: No						
	ne					
C- D:3-4			Pilo	t: J. F	R. Rich	100
Co-Pilot: No	ne		Crew	Chief: N	lone	
Others: No	ne					
Weather: General _	1-2 m	iles fo	g	Cloud Cov	er <u>1000</u>	SCT
Wind Speed Le	ss than	n 5 K	S	ea Conditi	ons <u>Calm</u>	
		BEACH	AERIAL SURVE		tude <u>100 I</u> Speed <u>60 I</u>	
Location	Cra	wls	Ne	sts	Nest Pr	edation
	New	01d	New	01d	New	01d
Onslow Beach	0	0	0	0	0	0 .
Browns Island	1	0	3	0	2	0
Bear Beach	0	0	1	4	0	0
		OCEAN	AERIAL SURVE	YS Alti Air	tude 30	00 Ft 60 K
attager, damen i e e e e e e e e e e e e e e e e e e	Live Tu	rtles			Dead Turtles	1
from	Juvenile Adults					
Bogue Inlet to New River Inlet	None		None		None	
Comments:	A 100	per Michigan	Auto Carante C			

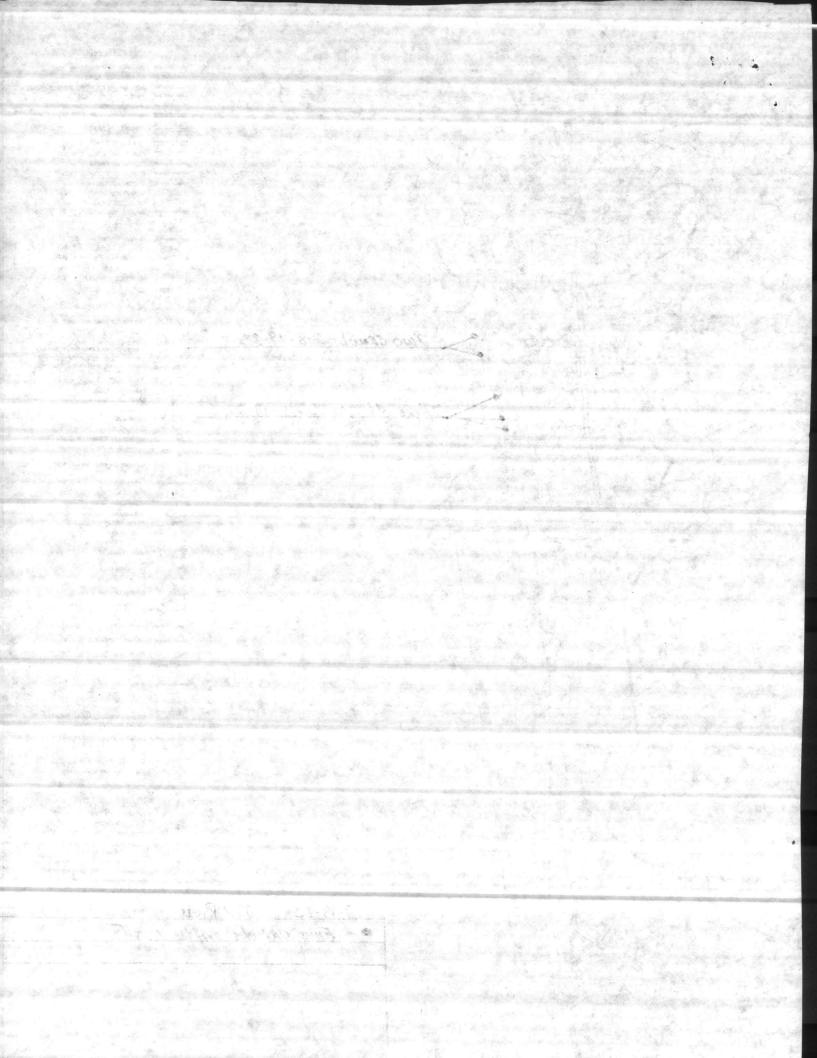
Post of the second of the seco TO A TOTAL OF THE PARTY OF THE





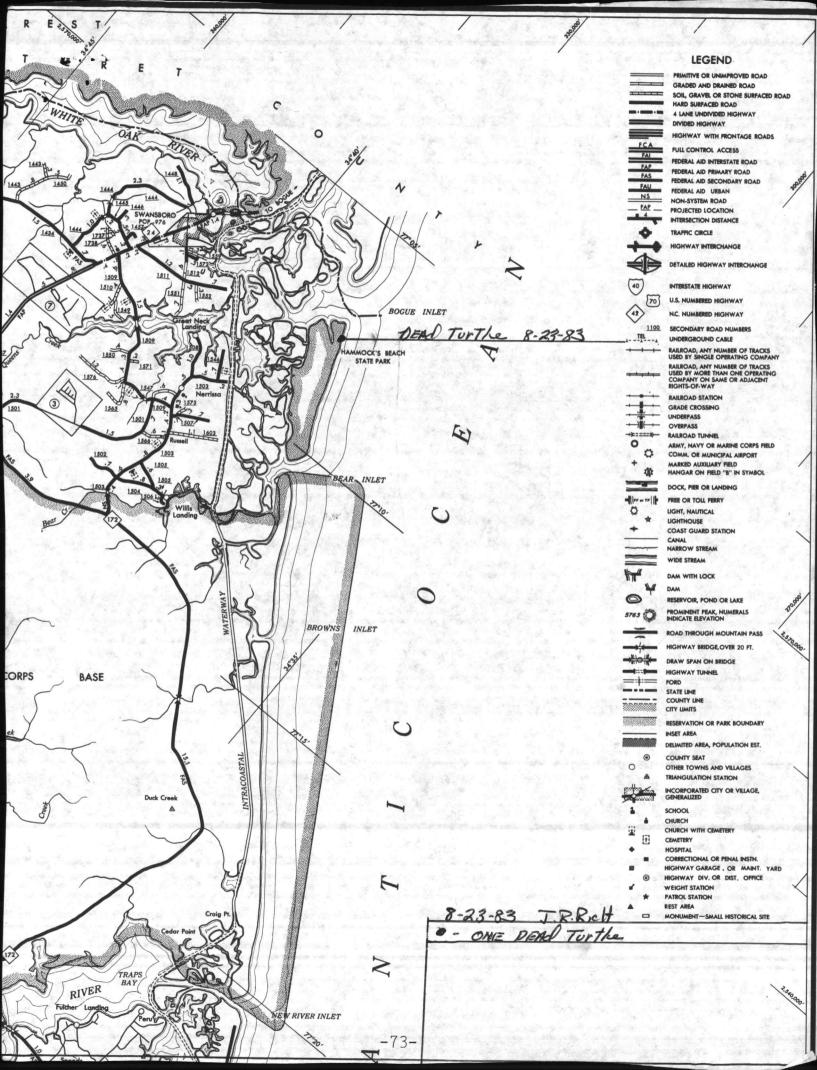
Date:	August 1	9 83	_ Time: S	06:01	F	08:04	
Recorder Name: _	Jerry R.	Jerry R. Rich					
Crew Names:	None	None Pilot			: J. R. Rich		
Co-Pilot:	None		Crew	Chief: _	None		
Others:	None						
Weather: General	10,000 E	KN 3 mi	Les haze	Cloud Cov	er 10,000	BKN ·	
Wind Speed	SSW 10-1	5 K	S	ea Conditi	ons White	caps	
		BEACH A	ERIAL SURVE		oude 100 Speed 60		
Location	Craw	1s	Ne	sts	Nest Pr	edation	
Land the second second	New	01d	New	01d	New	01d	
Onslow Beach	0	0	0	0	0	0	
Browns Island	0	0	0	0	0	0	
Bear Beach	0	0	2	3	0	0	
		OCEAN A	ERIAL SURVE	13	tude <u>300</u> Speed <u>60</u>	Ft K	
	Live Tur	tles			Dead Turtle	S	
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None			None			
Comments:							
			endrouble or survivor		About the party of		

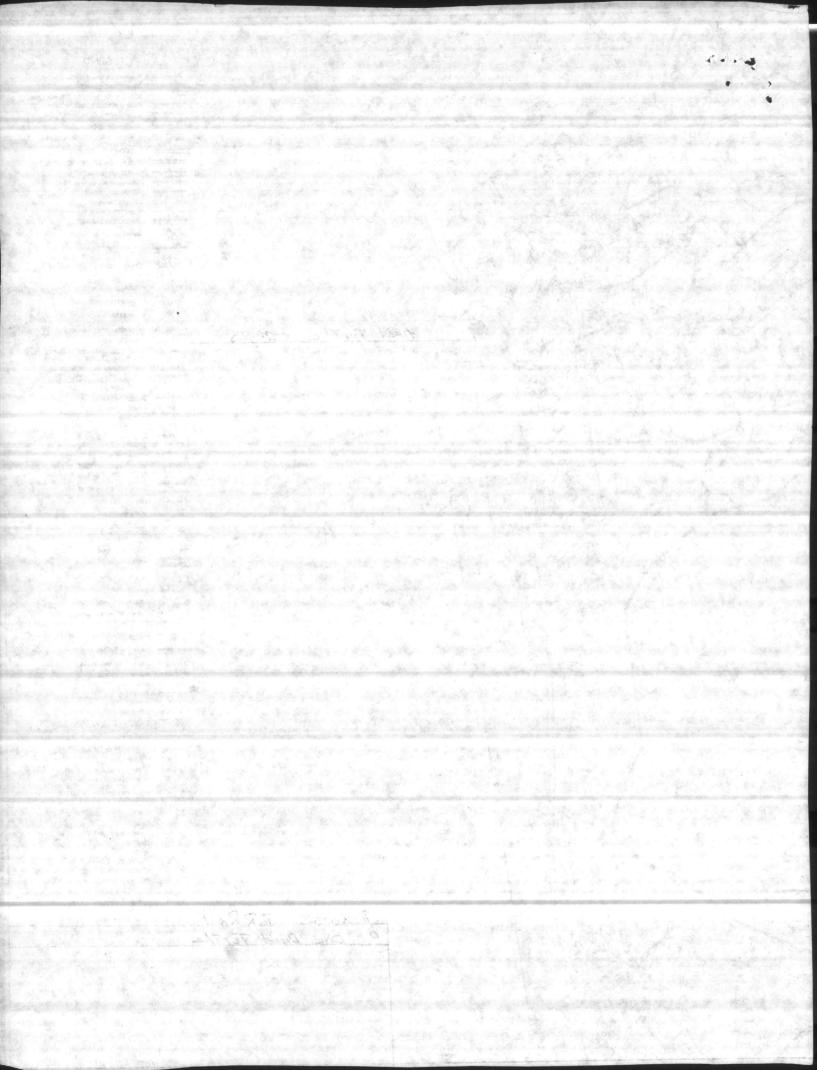




Date:	8-23 8	33	Time: S		F		
Recorder Name: _	Jerry	R. Rich					
Crew Names:	None		Pilo	t:			
Co-Pilot:	None	None Crew					
Others:	None	None					
Weather: General	900 07	7c 1 mil	e fog & ha	Z@loud Cov	er <u>1000</u>	ove	
Wind Speed	230 10	K	s	ea Conditi	ons Chop		
	Andre State of the	BEACH	AERIAL SURVE	YS Altit Air S	ude 100 Speed 60	Ft K	
Location	Cra	wls	Ne	sts	Nest P	redation	
	New	01d	New	01d	New	01d	
Onslow Beach	0	0	0	0	0	0	
Browns Island	0	0	0	0	0	0	
Bear Beach	0	0	0	0	0	0	
		OCEAN	AERIAL SURVE	ys Alti	tude 30	00 Ft	
		OCEAN	ALKIAL JOKEL		Speed 6	50 K	
	Live Tu	rtles			Dead Turtle	es .	
Bell Buoy from Bogue Inlet to New River Inlet	Juvenile None			One d	lead turt]	le Bear Beach	
Comments:							
				A STATE STATE OF THE STATE OF T			
the second second second	- 1.1 . 254-64	والوالوالية والمالات					

ortole and the second s



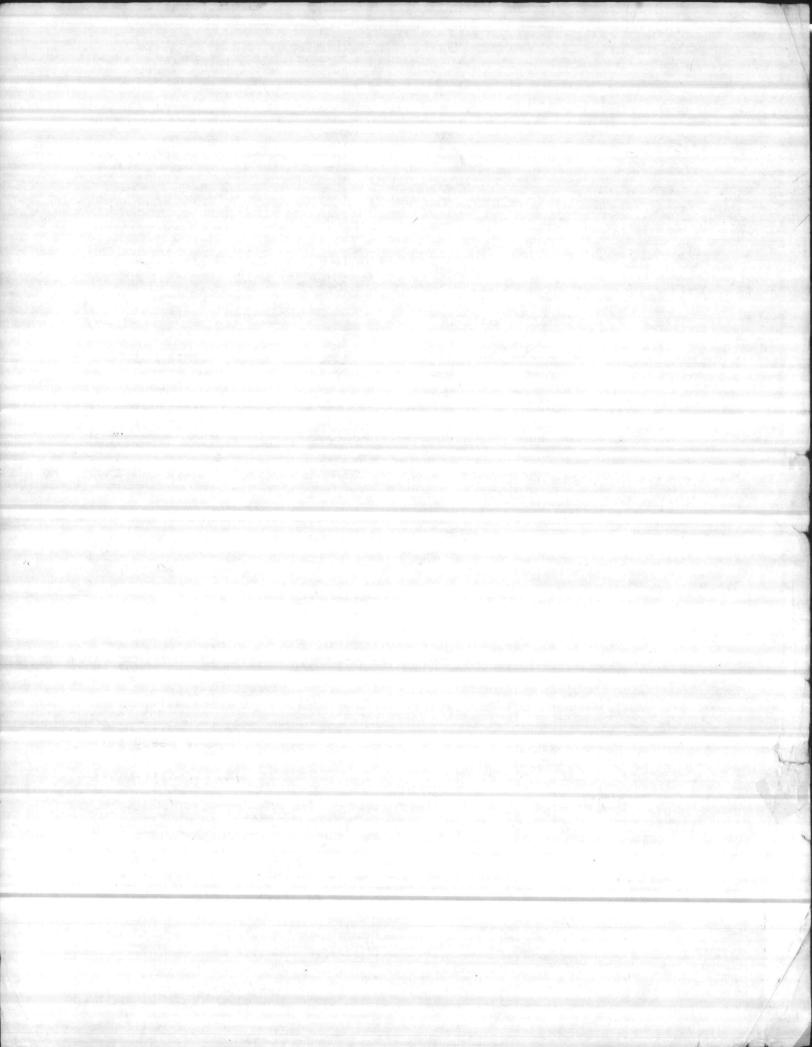


Date:	August 3	1 1983	Time: S		F	
Recorder Name:	Jerry R. Rich					
Crew Names:	None		Pilo:	t:	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
Co-Pilot:	None		Crew	Chief: _		
Others:	None					
Weather: Genera	1 200	Ft ½ mil	e fog	Cloud Cove	er	
Wind Speed			Se	ea Conditi	ons	
			H AERIAL SURVE	YS Altit		
Location	C	crawls	Ne:	sts	Nest P	redation
	New	01d	New	01d	New	01d
Onslow Beach			light due to			
Browns Island	control	about ma	king flight	after 08	:00. Unal	ole to
Bear Beach			r 08:00 beca		100 Marie	
				J.	R. Rich	
		OCEA	N AERIAL SURVE		tude	
	Live	Turtles			Dead Turtle	es .
Bell Buoy from Bogue Inlet to New River Inlet	Juveni	le /	Adults			
Comments:						
				No.		

to the for from Cran O it's stan O :00. Checks tith renge of election: 80 to the r mort eau ut enner eauseo. C : C r i : Si th crist 00:00 than 14:00. One A. Tiber of the 21 August 1983 dott. . .

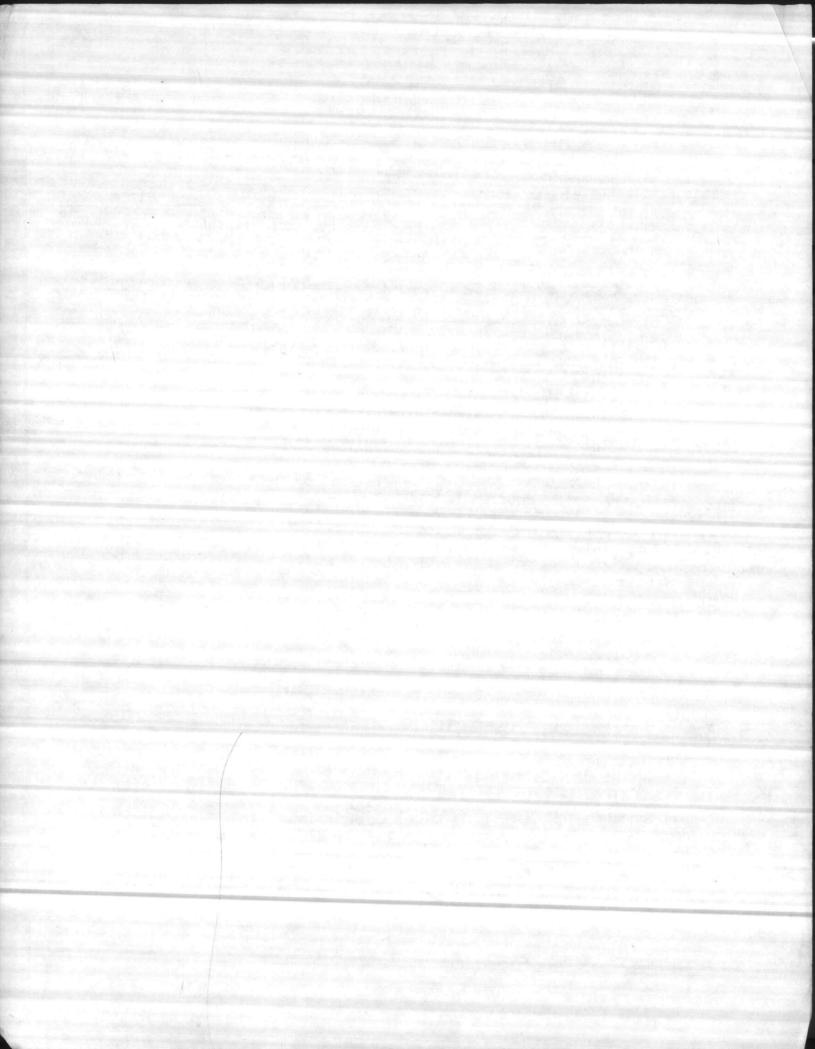
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 6-8-83 Nest No. 00 Tag No. AROS2 Time 0015
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility 6000 Weather Conditions Fair
Wind Speed and direction 5-10 KNOTS NE Air Temperature 67° F
Water Temperature 70°F Time Ashore (Known or estimated)~2315
Carapace Length 395 Carapace width 355
Carapace condition (Damages/barnacle infestation, etc.) Deuts above left le
Head length/width 13/9 Right front flipper length 15
Right rear flipper length 192 Estimated weight 575-300
Flipper condition (cuts, missing portions, etc.) 900d
Body pit length/width 50"/48" Depth to egg chamber 12"
Time of nearest low 6/00 or high tide
Distance of nest below or above high tide line
Comments: Tagged AAR 051, 052 Nested 160 eggs - relocated
up into dunes.



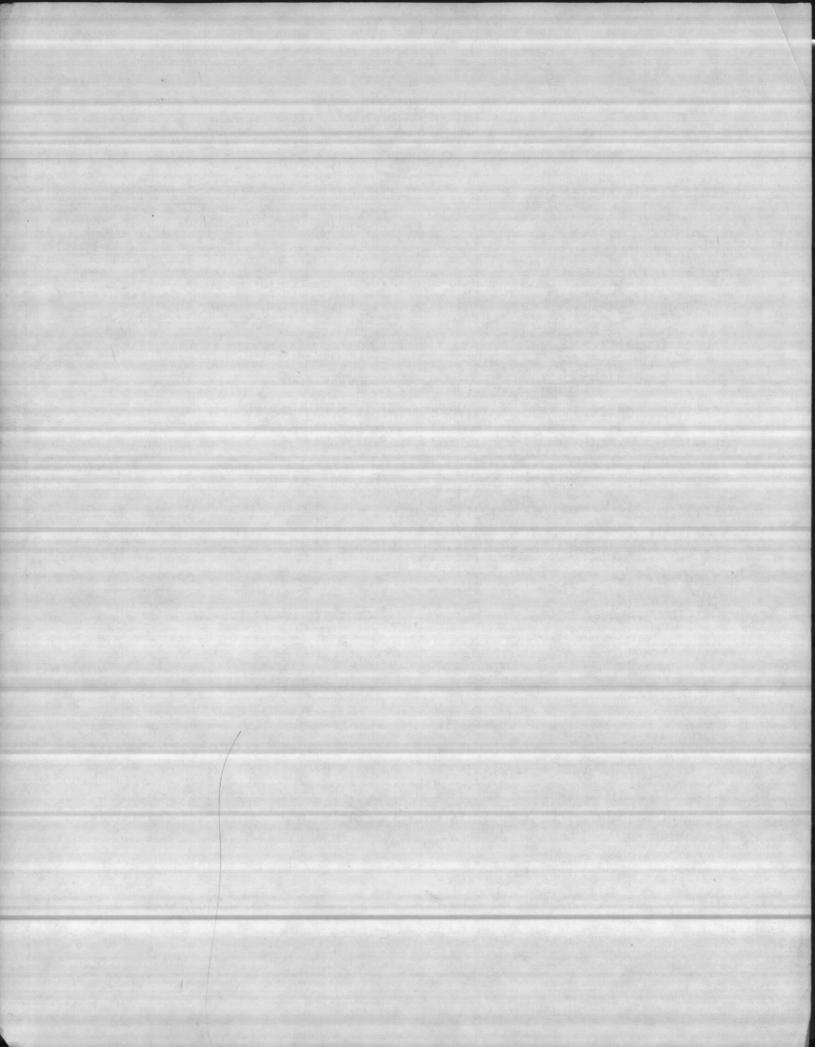
Marine Corps Base

Camp Lejeun	e, North Carolina
Date Female Nested 6-1583 N	est No. 005 Tag No Time 3406
. 1 - 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	est Location (Hiles/tenths from Risley Pier)
Visibility good Weather Cond	itions <u>Far</u>
Wind Speed and direction Otkers M.	C Air Temperature 70°F
Water Temperature	Time Ashore (Known or estimated) 1330
Carapace Length	Carapace width
Carapace condition (Damages/barnacle	사람들은 가입에 보면 가입니다. 이 가입니다 그 사람들이 되었다면 보고 있다면 하는데 되었다면 모모를 보고 있다.
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight
Flipper condition (cuts, missing por	tions, etc.)
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide ~2330
Distance of nest below	or above high tide line
Comments: 121 egg 5	pelocated to 1.65) same



Marine Corps Base

	e, North Carolina
Date Female Nested 6-1583 N	est No. 005 Tag No Time 3400
Date Eggs HatchedN	est Location (Miles/tenths from Risley Pier)
Visibility good Weather Cond	itions <u>Far</u>
Wind Speed and direction U-5 Keek M	C Air Temperature 70°F
Water Temperature	Time Ashore (Known or estimated) 1336
Carapace Length	Carapace width
Carapace condition (Damages/barnacle	infestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight
Flipper condition (cuts, missing por	tions, etc.)
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide ~2330
Distance of nest below	or above high tide line
Comments: 121 egg 5	relocated to 1.65) same
case as Nest # 004	

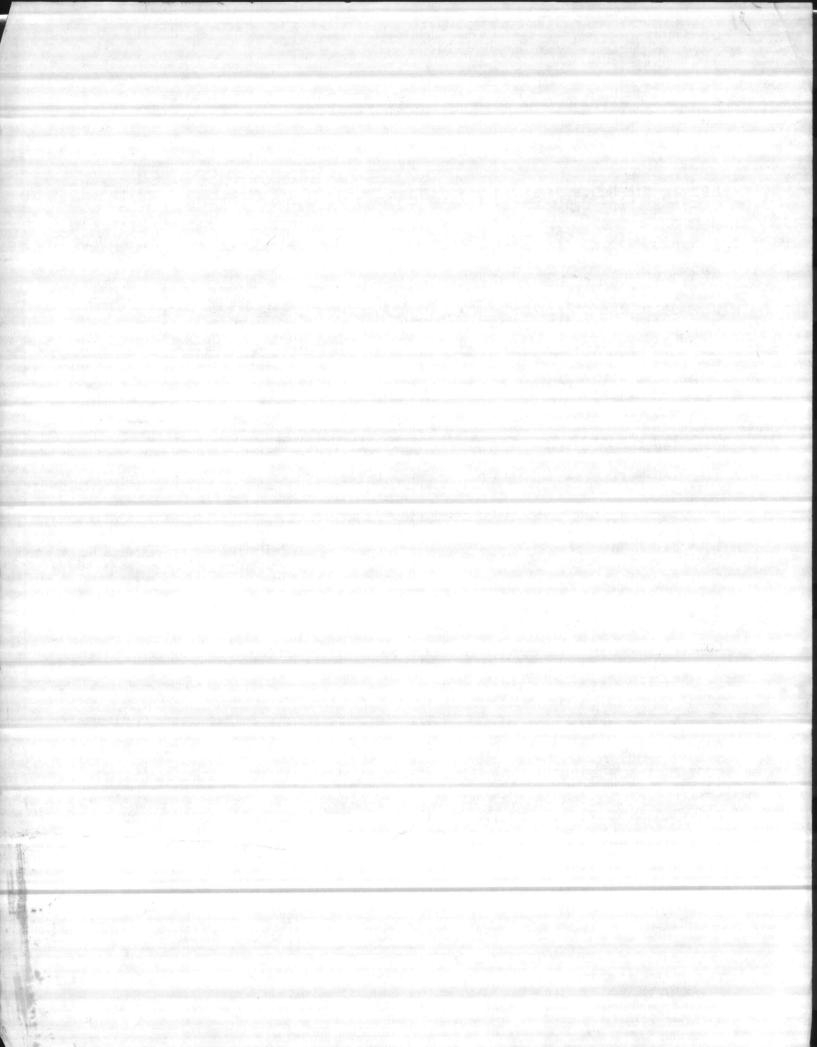


Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 6-16-83 Nest No. 1008 Tag No. 056 Time 2320
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) 3.9
Visibility God Weather Conditions For
Wind Speed and direction 5-16 KNOT Air Temperature 75 F
Water Temperature 79 F Time Ashore (Known or estimated) 300
Carapace Length 3911 Carapace width 361
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width $9''/7''$ Right front flipper length $18''$
Right rear flipper length 1011 Estimated weight 275 165
Flipper condition (cuts, missing portions, etc.) 9001
Body pit length/width Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: 142 eggs Relocated From 3,9 (N) to
3.7(N)

Summary of Instructions: Conduct tagging and collection of pertinent nesting data during peak nesting periods beginning approximately two nights prior to each full moon, June through August. Begin survey one-half hour after high tide. Attempt to tag nesting turtles after they have begun depositing eggs in egg chamber. Use lights only sparingly in accomplishing the operation.

q.b

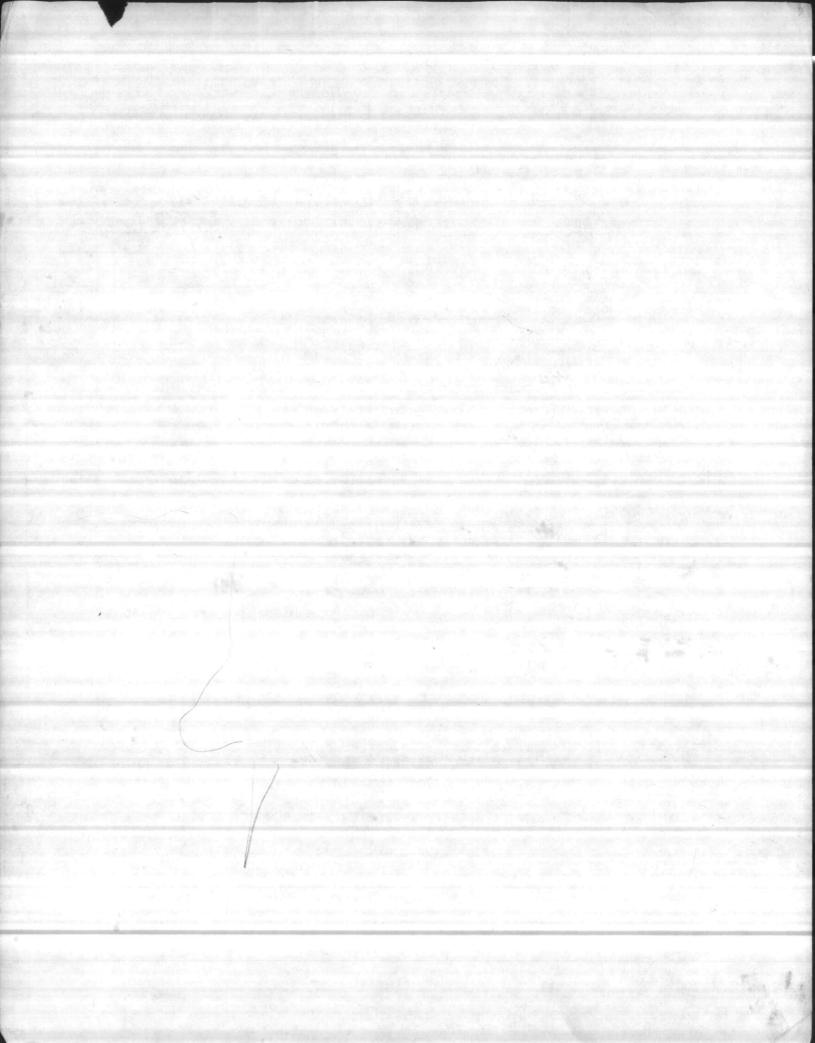


3.7

SEA TURTLE INVENTORY (Nesting Data)

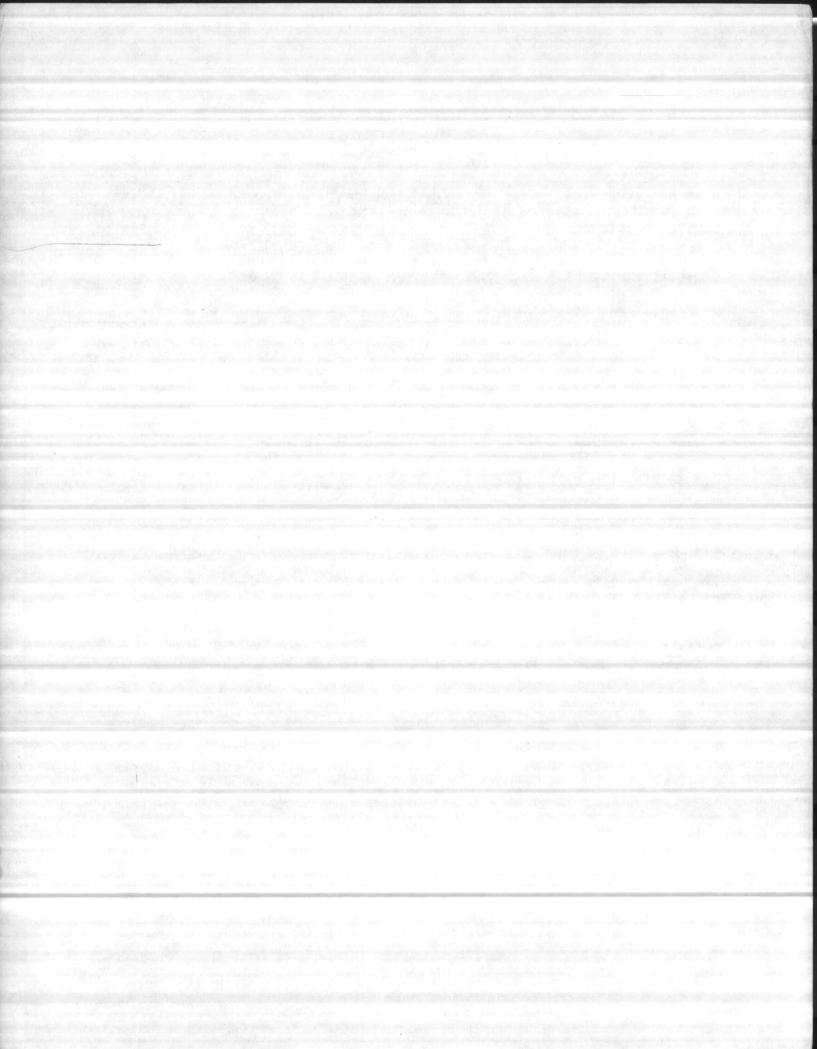
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 6-18-83 Nest No. 012 Tag No. Time 2300
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility 900d Weather Conditions CLEAK
Wind Speed and direction B5 Air Temperature 776-F
Water Temperature 786-F Time Ashore (Known or estimated) 3800
Carapace Length 41" Carapace width 331/2"
Carapace condition (Damages/barnacle infestation, etc.) 9000 Head length/width 2 9 11 Right front flipper length 12 11 Right rear flipper length 14 11 Estimated weight 2 2 0 (1)
Flipper condition (cuts, missing portions, etc.) Nove
Body pit length/width /01/11 Depth to egg chamber /8
Time of nearest low 2100 or high tide 0200
Distance of nest below or above high tide line 50
Comments: 129 eggs Chaid, No Tags
Relocated nest 81 up SAND dunes



Marine Corps Base Camp Lejeune, North Carolina

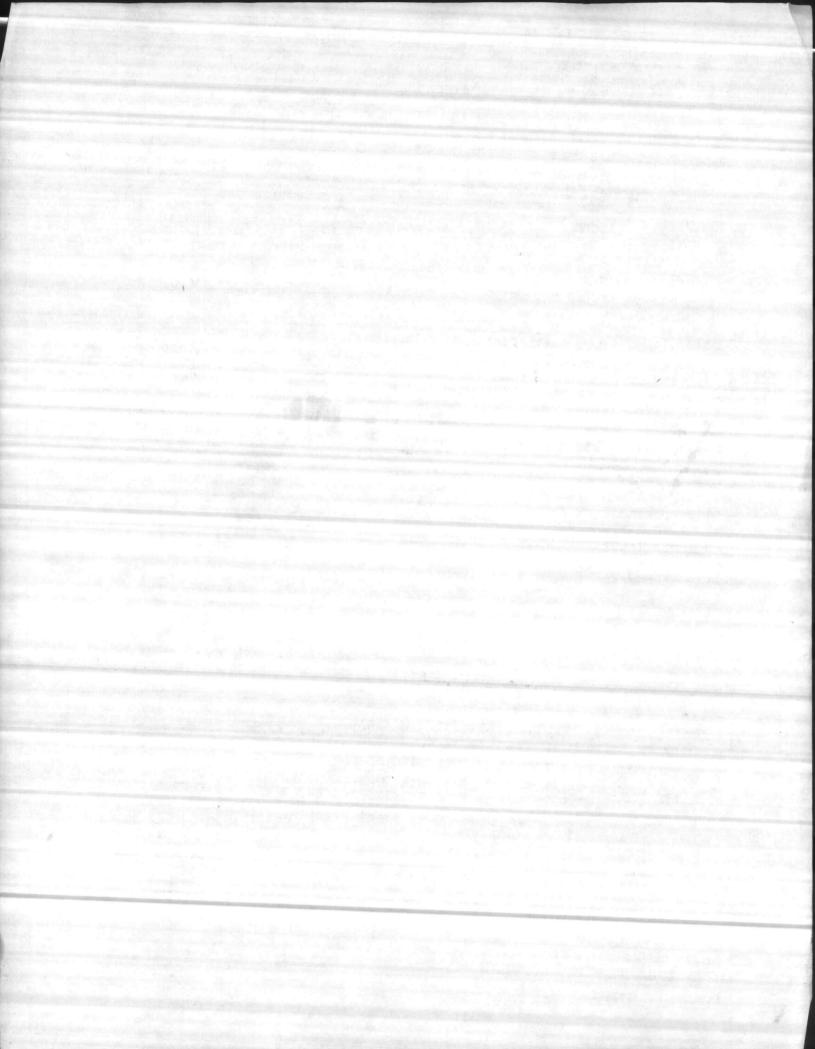
Date Female Nested 6 -28-87 Nes	st No. 000 Tag No Time 0000
Date Eggs Hatched Nes	t Location (Miles/tenths from Risley Pier)
Visibility Fair Weather Condit	cions : Partly Cloudy
Wind Speed and direction 5-10 Kask S	Air Temperature 75° F
Water Temperature 79°F 1	Time Ashore (Known or estimated) 0000
	Carapace width
Carapace condition (Damages/barnacle i	nfestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight
Flipper condition (cuts, missing porti	ons, etc.)
Body pit length/width 4/05	Depth to egg chamber 15
Time of nearest low	or high tide 3900
Distance of nest below	or above high tide line
Comments: 111-eggs relocated	to time



Marine Corps Base Camp Lejeune, North Carolina

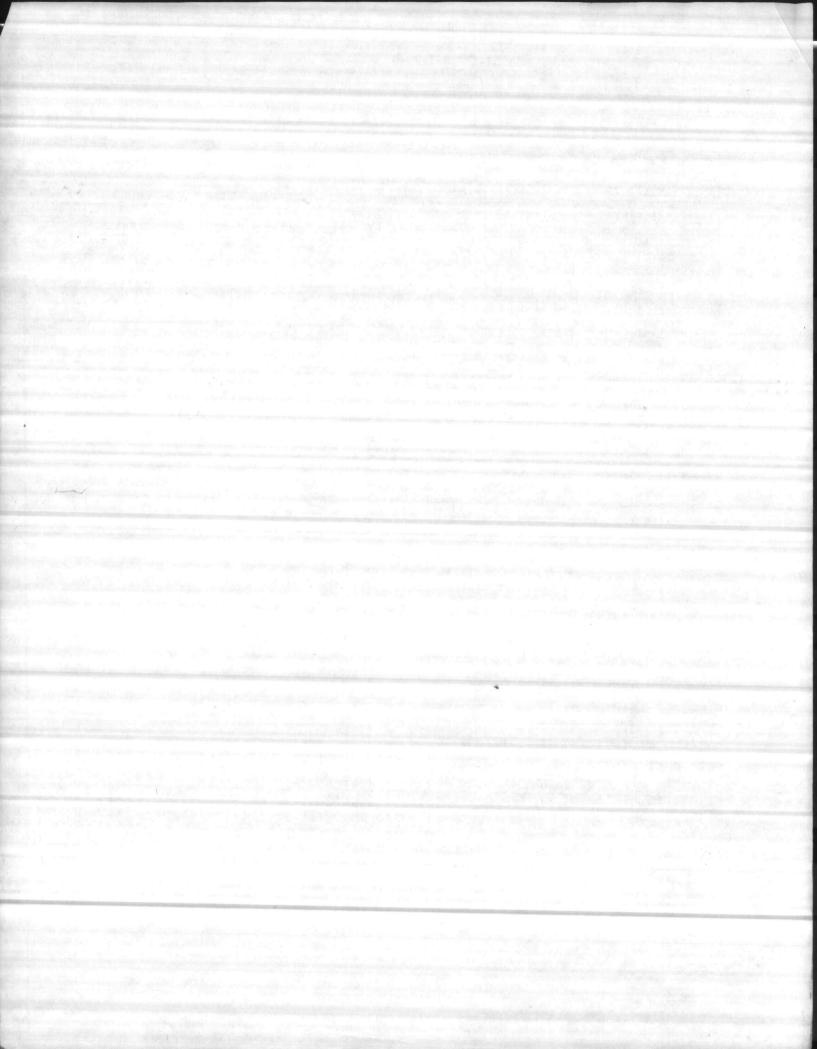
81365.

Date Female Nested 6-19-87 Nes	st No. 015 Tag No. 8/4 RS Time 2200
Date Eggs Hatched Nes	st Location (Miles/tenths from Risley Pier) 2.0 (5)
Visibility Fair Weather Condition	tions Partly Cloudy
Wind Speed and direction 555F	Air Temperature
Water Temperature 80 1	Time Ashore (Known or estimated)
Carapace Length 42"	Carapace width 37"
Carapace condition (Damages/barnacle i	nfestation, etc.) good
Head length/width 12x8	Right front flipper length 1815
Right rear flipper length 12"	Estimated weight 320 165
Flipper condition (cuts, missing porti	ons, etc.) god
Body pit length/width \\ \forall \times 6	Depth to egg chamber
Time of nearest low	요 이 그는 소계를 가지 않아왔다. 사고화장에서 바람이라를 맞았는데 하는 사람이 요하지만 하는데 그는 사람들
Distance of nest below	or above high tide line 100'
Comments: Return 90 egg	5 2.76) relogated to
2.3 (S) Same west	(cage) as #007



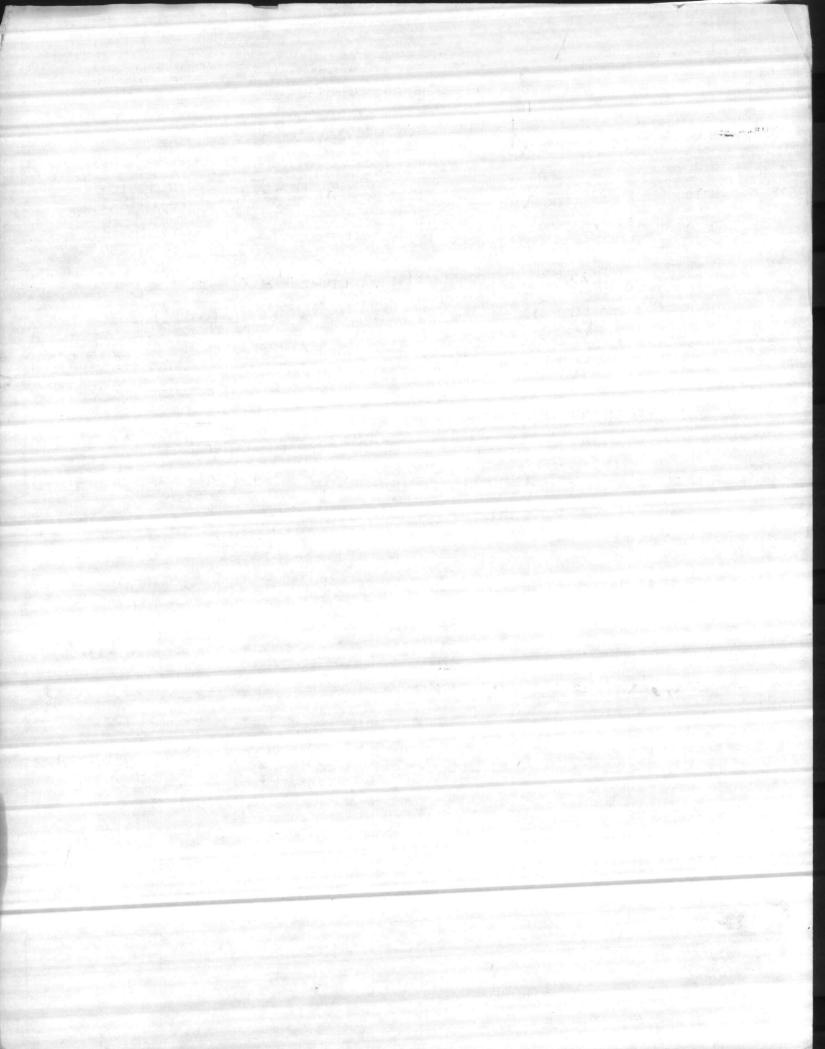
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 6 19-13 Nest No. 016 Tag No. 066 Time 015
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility 600 Weather Conditions Fair
Wind Speed and direction O-5 Wholf Air Temperature
Water Temperature 86% Time Ashore (Known or estimated) 000
Carapace Length 40 Carapace width 38
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width 1/8 Right front flipper length 18
Right rear flipper length // Estimated weight 3 20 160
Flipper condition (cuts, missing portions, etc.)
Body pit length/width Depth to egg chamber 10 4
Time of nearest low or high tide
Distance of nest below or above high tide line 30'
Comments: 133 2965 selo-Cated to 2.300 tagged
the turtle



Marine Corps Base 7 Camp Lejeune, North Carolina

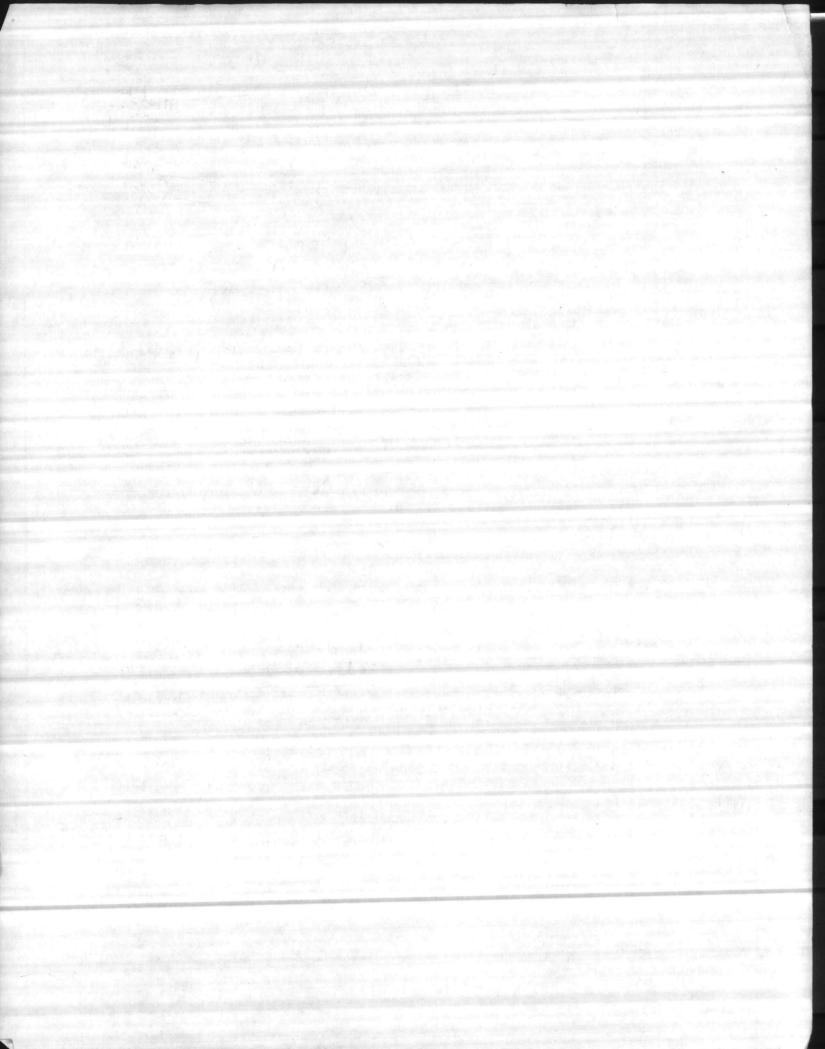
Date Female Nested 6208) Nest No. 017 Tag No. 062 Time 2308
Date Eggs Hatched Nest Location (Miles/tenths from Risley
Visibility Faity Weather Conditions Partly cloudy
Wind Speed and direction 0-5 Made St. Air Temperature 2507
Water Temperature 80 F Time Ashore (Known or estimated) 2245
Carapace Length 36 Carapace width 34
Carapace condition (Damages/barnacle infestation, etc.) Gand
Head length/width 10/7 Right front flipper length 18
Right rear flipper length 13 Estimated weight 275
Flipper condition (cuts, missing portions, etc.)
Body pit length/width 3 X4 Depth to egg chamber 9"
Time of nearest low 3330 or high tide
Distance of nest below or above high tide line
Comments: 165 eggs relocated to drives
ac = 1008



Marine Corns Base

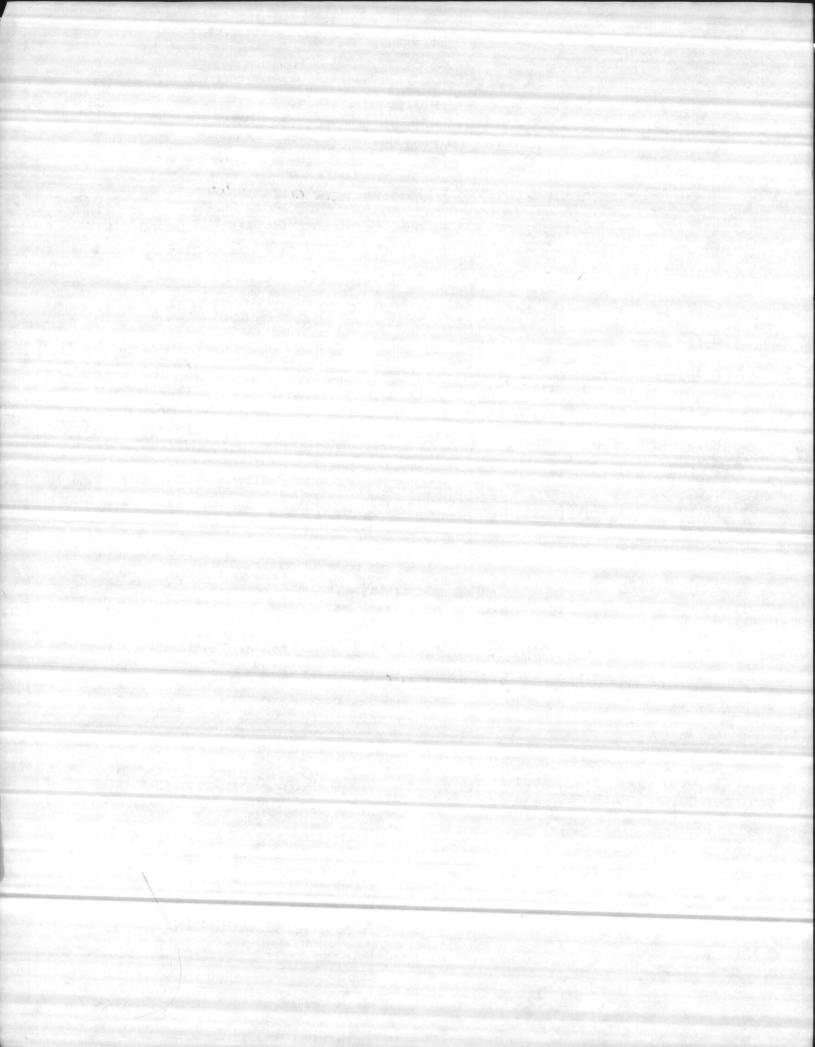
mistake in

Camp Lejeune	, North Carolina & ? 063
	st No. Aff Tag No. 764 Ofine 0270
	st Location (Miles/tenths from Risley Pier)
Visibility Fair Weather Condi	tions good
Wind Speed and direction O-5 kmgs 5	Air Temperature 20°P
	Time Ashore (Known or estimated) $02/5$
Carapace condition (Damages/barnacle	infestation, etc.) 90
Head length/width 16/7	Right front flipper length
Right rear flipper length 17	Estimated weight 985
Flipper condition (cuts, missing port	ions, etc.) good
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide 0530
Distance of nest below	or above high tide line
Comments: 130 eggs —	Relocated to dunes
Retagged #'s	7682 769 - 010 tres
difficult to see. 0	riginally tagged 8-1-81



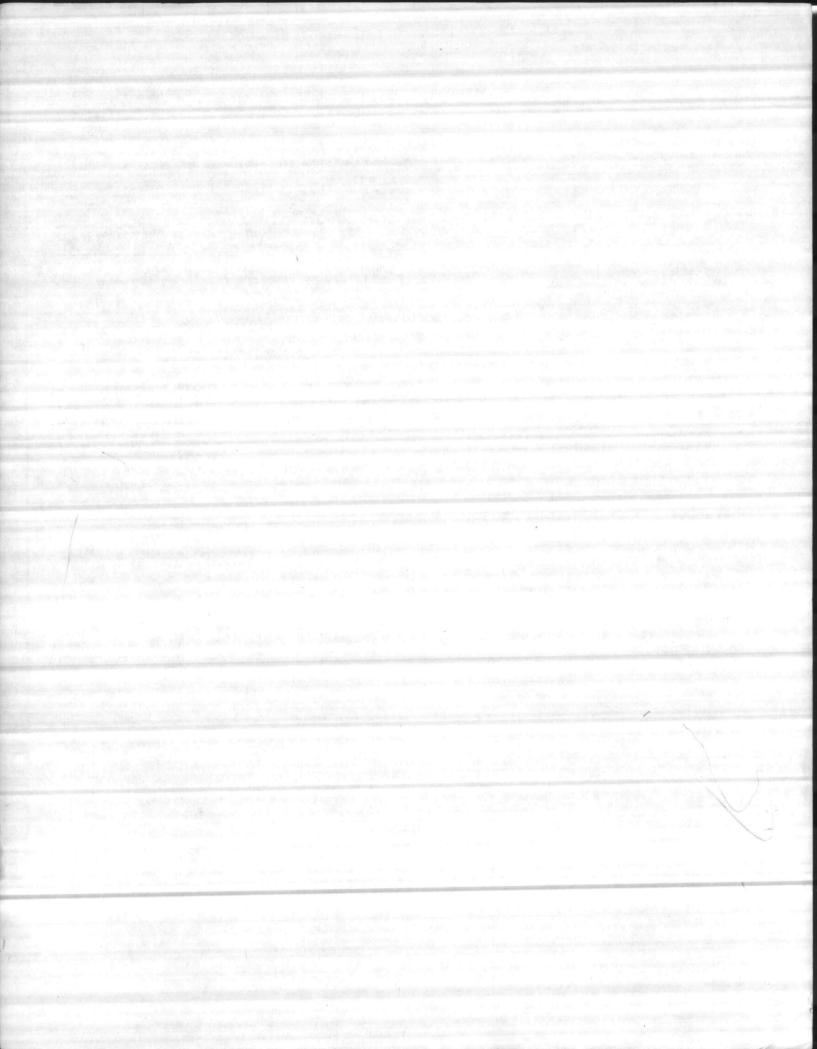
Marine Corps Base

Camp Lejeune, North Carolina AAR 065 Date Female Nested 6-24-83 Nest No. 020 Tag No. AR 064 Time 2200 Date Eggs Hatched - Nest Location (Miles/tenths from Risley Pier) 2.2 N Visibility Good Weather Conditions From Wind Speed and direction 5-10 Sw Air Temperature 78°F Water Temperature 78° F Time Ashore (Known or estimated) 1/2h Carapace Length 39 Carapace width 35/2 Carapace condition (Damages/barnacle infestation, etc.) Many Bankace Head length/width 9 x 7 Right front flipper length /6 Right rear flipper length 10/2 Estimated weight 250 Flipper condition (cuts, missing portions, etc.) Body pit length/width 5x4 Depth to egg chamber /o Time of nearest low or high tide 2/00 or above high tide line 5 m Distance of nest below Nest to



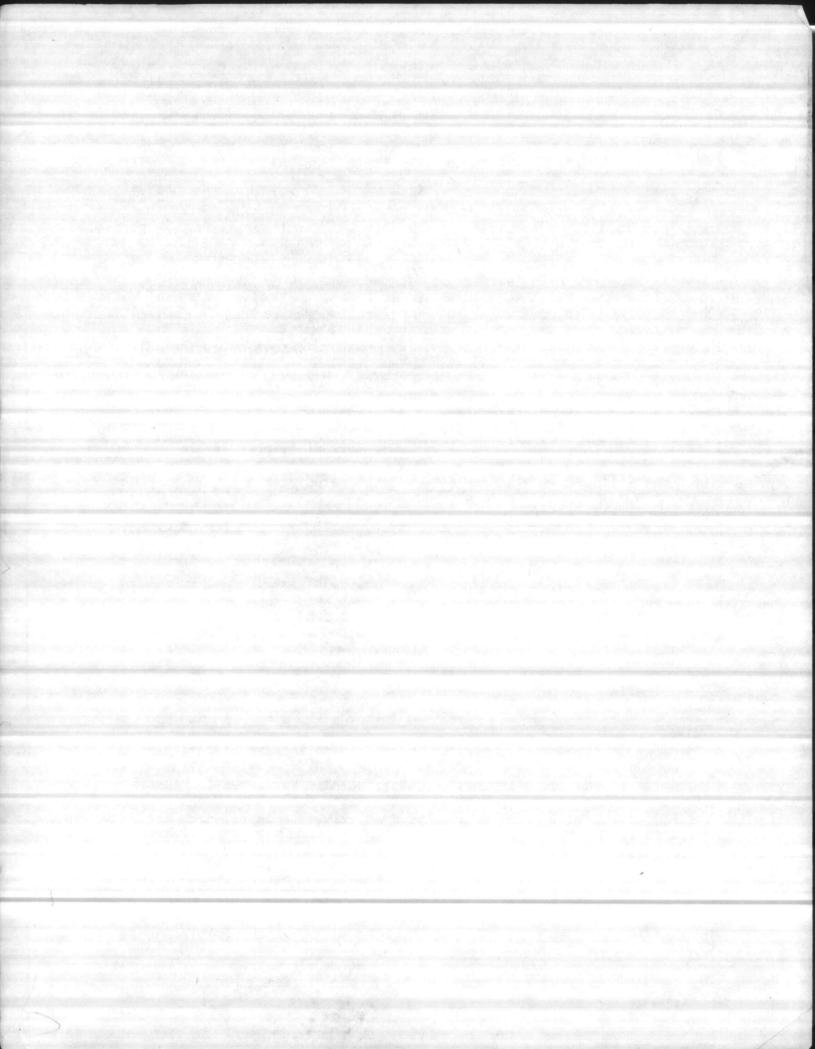
Marine Corps Base Camp Lejeune, North Carolina AAR 071

camp rejeur	ie, north carolina
Date Female Nested 7-1-83	lest No. 023 Tag No. 716 Time 2200
Date Eggs Hatched	lest Location (Miles/tenths from Risley Pier)
Visibility Weather Cond	litions
Wind Speed and direction 5-10 Km/4	Air Temperature 754
Water Temperature 78°F	Time Ashore (Known or estimated) 2145
Carapace Length 4	Carapace width 40
Carapace condition (Damages/barnacle	infestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight 300 +
Flipper condition (cuts, missing por	tions, etc.)
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide
Distance of nest below	or above high tide line
Comments: Turtle frighte	ned by truck lights
Originally tagged	6.30-81



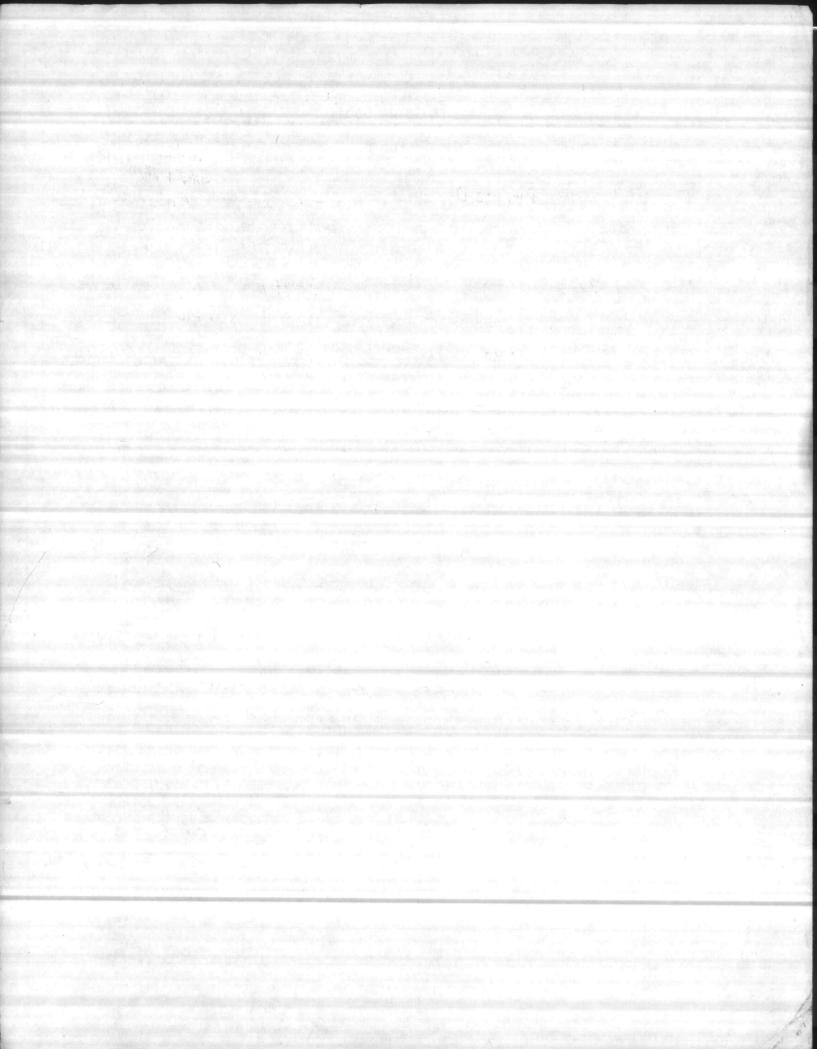
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested No Nest No. 026 Tag No. ARROTO Time 2200
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) CO-2.7N
Visibility Good Weather Conditions Partly Cloudy
Wind Speed and direction 5-10 Sw Air Temperature 78
Water Temperature 79 Time Ashore (Known or estimated) 15 mm
Carapace Length 39 1/2 Carapace width 38
Carapace condition (Damages barnacle infestation, etc.)
Head length/width 9x7 Right front flipper length 19
Right rear flipper length 14 Estimated weight 300
Flipper condition (cuts, missing portions, etc.) all good
Body pit length/width Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: Turtle just coming out of wafu
who spotted, which frighted her
back to sea -



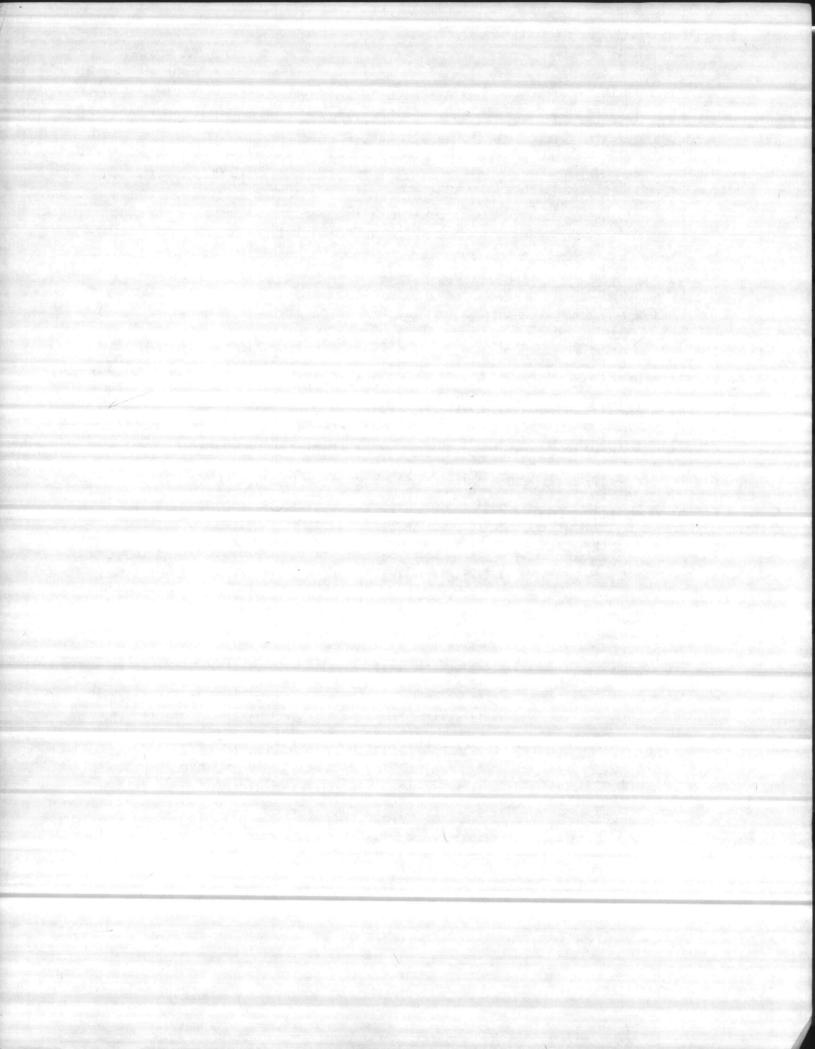
Marine Corps Base Camp Lejeune, North Carolina Return 5(?)

	813
Date Female Nested 7-1-83 No	est No. 027 Tag No. 814 Time 2/30
	est Location (Miles/tenths from Risley Pier)
Visibility good Weather Condi	itions Partly Cloudy warm
Wind Speed and direction 5-10 5u	[18] [18] [18] [18] [18] [18] [18] [18]
Water Temperature 79	Time Ashore (Known or estimated) 1/2 kg
Carapace Length	
Carapace condition (Damages/barnacle)	infestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight 300
Flipper condition (cuts, missing port	ions, etc.) 900d
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide 0/00
Distance of nest below	or above high tide line 30 m
Comments: 138 Eggs n	roved to better spot
and the second s	



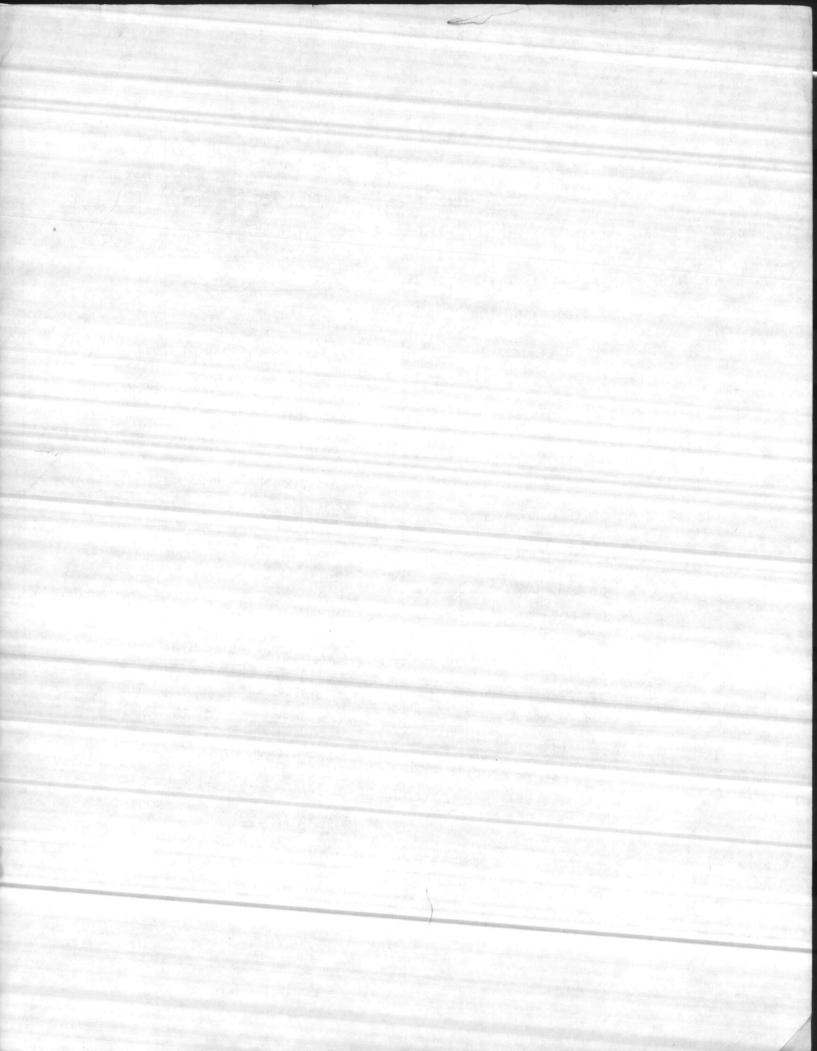
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-2-83	Mest No. 028 Tag No. AAR 071 Time ZZ00
	Nest Location (Miles/tenths from Risley Pier) 2-3 (N)
Visibility 900d Weather Con	editions Partly Cloudy
Wind Speed and direction 5-10 S	w Air Temperature 78
Water Temperature 80	Time Ashore (Known or estimated) 45 m/m
Carapace Length	Carapace width
Carapace condition (Damages/barnacl	e infestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight
Flipper condition (cuts, missing po	rtions, etc.)
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide 0/00
Distance of nest below	or above high tide line
Comments: disturbed	turtle when tagging
17 Eggs moved	to share cage
11	<i>→</i>

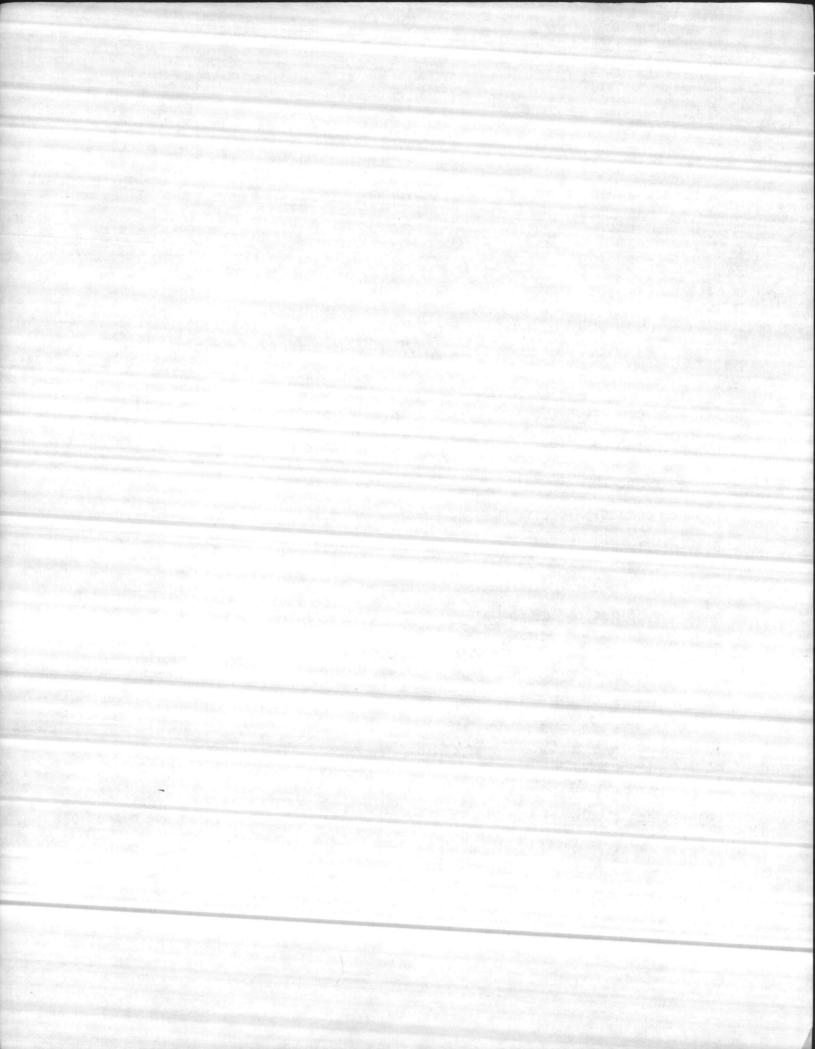


Marine Coros Base

west Camp Lejeune, North Carolina
Date Female Nested 6-30-83 Nest No. 025 Tag No. 068 Time 0200
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) 2.1 0.05
Visibility good Weather Conditions Partly Cloud
Wind Speed and direction O Skysts Air Temperature 75°4
Water Temperature 78°F Time Ashore (Known or estimated) 0200
Carapace Length 39 Carapace width 34
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width 9/7 Right front flipper length 16
Right rear flipper length 13 Estimated weight 275
Flipper condition (cuts, missing portions, etc.)
Body pit length/width Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: (6-10-82.0.) 134 5995 moved to 0.1 (v)

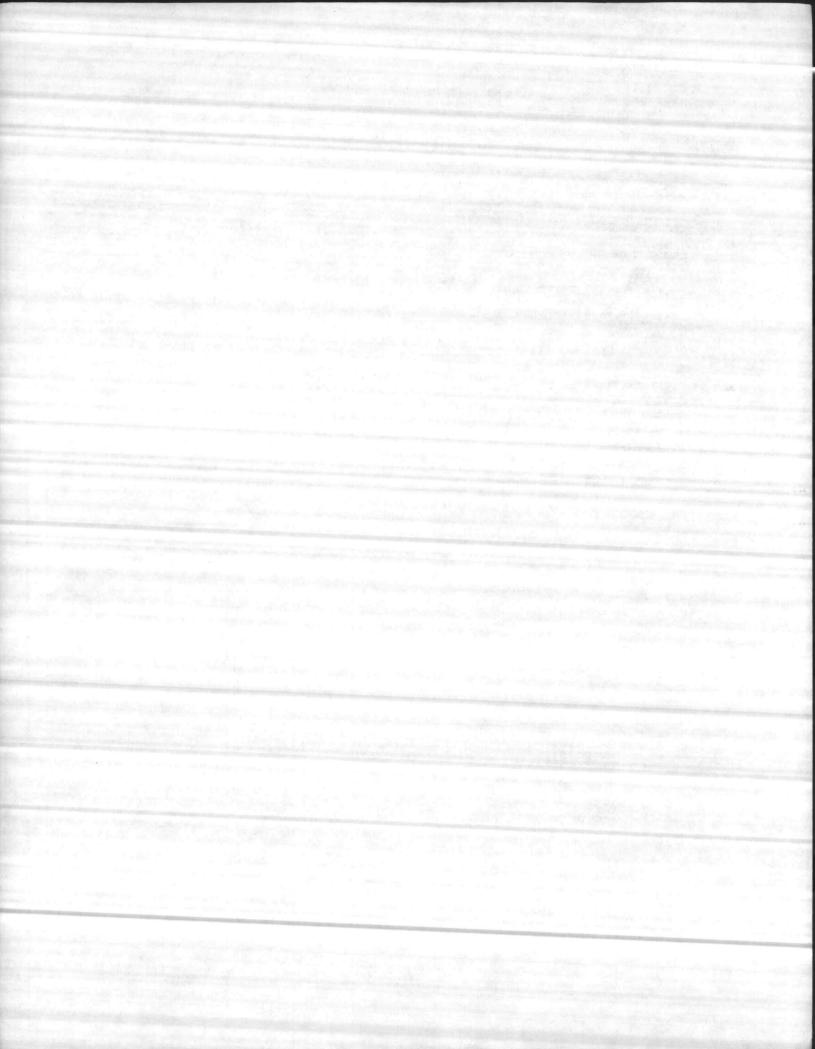


Marine Corps Base Camp Lejeune, North Carolina Date Female Nested 7-3-83 Nest No. 036 Tag No. 060 Time 2245 Nest Location (Miles/tenths from Risley Date Eggs Hatched Pier) 2-3(N) Visibility good Weather Conditions Fair Wind Speed and direction 5-10 SW Air Temperature 82 Water Temperature 82 Time Ashore (Known or estimated) 1/42 Carapace Length Carapace width Carapace condition (Damages/barnacle infestation, etc.) Head length/width _____ Right front flipper length Right rear flipper length Estimated weight Flipper condition (cuts, missing portions, etc.) Body pit length/width 5 x 4 Depth to egg chamber 10" Time of nearest low _____ or high tide _____ O/OO Distance of nest below ______ or above high tide line 25 m Comments: 135 Eggs relocated



Marine Corps Base
Camp Lejeune, North Carolina

Date Female Mested 7-3-83 Nest No. 037 Tag No. 817 Time 23/5
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) 3.0 (W)
Visibility 900d Weather Conditions Fair
Wind Speed and direction 5-10 Sw Air Temperature 82
Water Temperature 82 Time Ashore (Known or estimated) 30 min
Carapace Length 38 Carapace width 36
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width 9x7 Right front flipper length 11 bitter
Right rear flipper length 13 Estimated weight 275-300
Flipper condition (cuts, missing portions, etc.) RF
Body pit length/width 24x3 3x3 Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: Did not nest 2 body pits



Marine Corps Base
Camp Lejeune, North Carolina

Date Female Nested 7-3-83 Nest No. 038 Tag No. 73 Time 2330

Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) 1.58 10 0.60

Wisibility 9000 Weather Conditions

Wind Speed and direction 5-10 500 Air Temperature

Water Temperature 82 Time Ashore (Known or estimated) 1/10

Carapace Length 43 Carapace width 41 41

Carapace condition (Damages/barnacle infestation, etc.)

Head length/width 10 9 Right front flipper length 17

Right rear flipper length 11 Estimated weight 305

Flipper condition (cuts, missing portions, etc.)

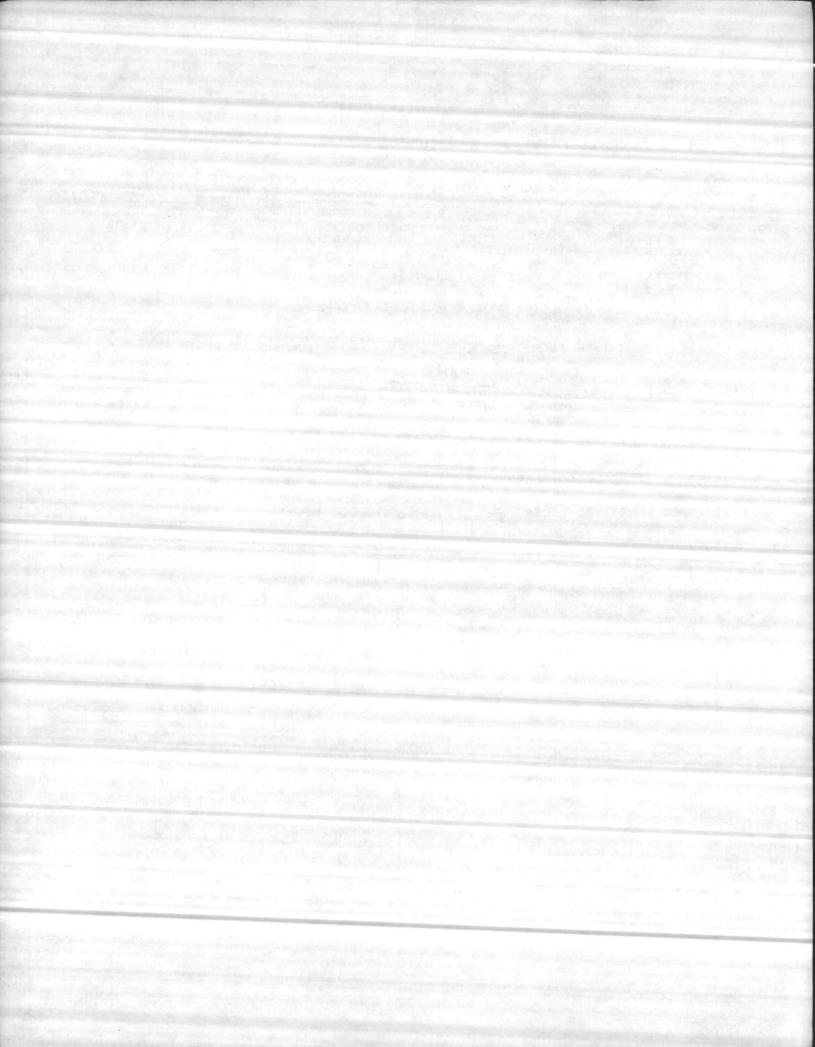
Body pit length/width 5 5 Depth to egg chamber 12

Time of nearest low or high tide 1/100

Distance of nest below or above high tide 1ine 15 11

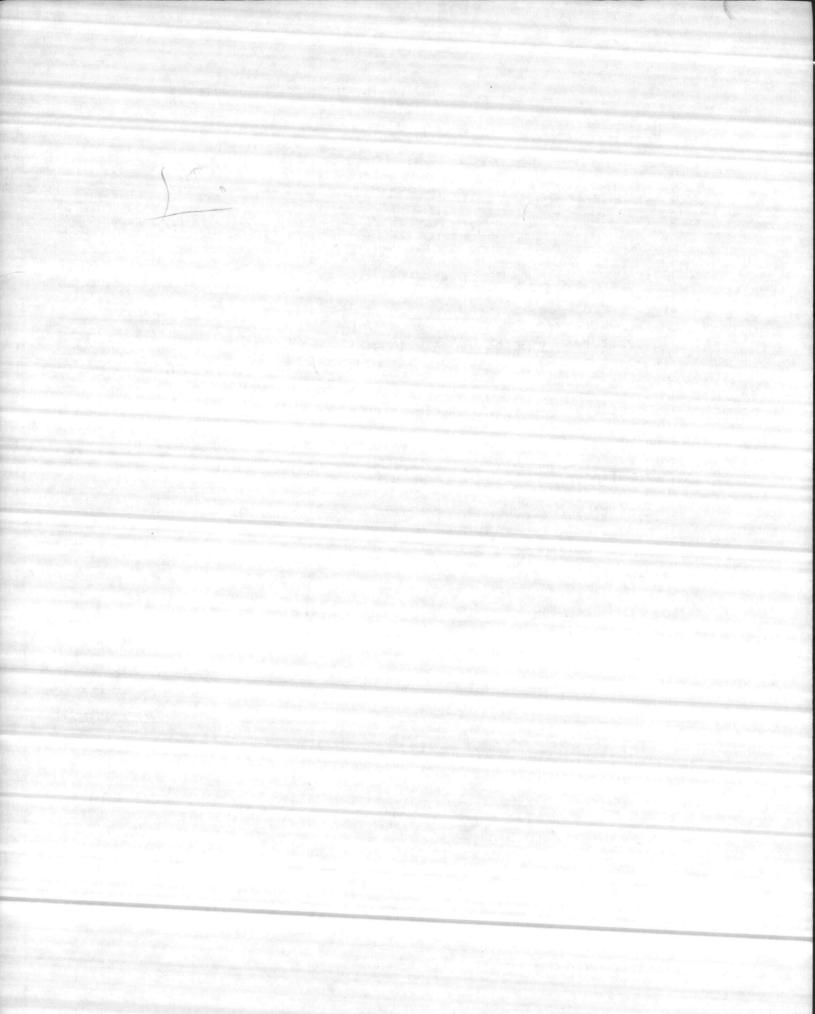
Summary of Instructions: Conduct tagging and collection of pertinent nesting data during peak nesting periods beginning approximately two nights prior to each full moon, June through August. Begin survey one-half hour after high tide. Attempt to tag nesting turtles after they have begun depositing eggs in egg chamber. Use lights only sparingly in accomplishing the operation.

Comments: 137 Eggs relocated to 0.6(N) in



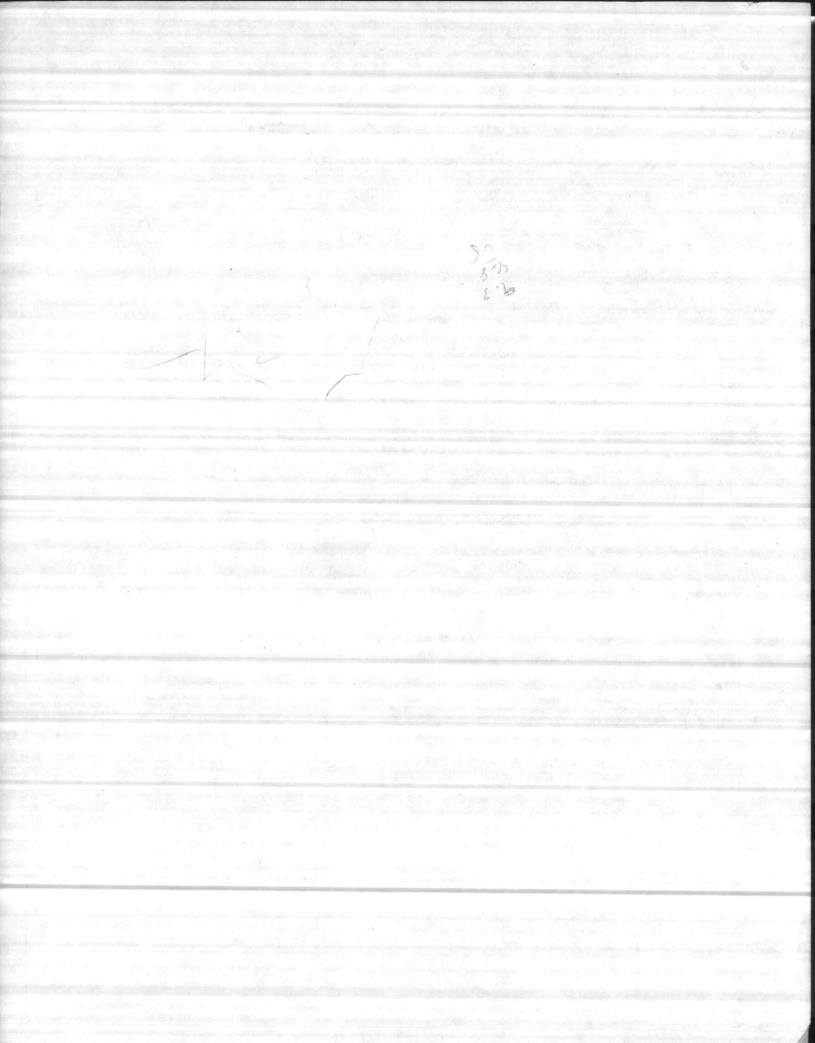
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-3-83 No	est No. <u>039</u> Tag No. <u>AAR-07</u> Time <u>0145</u>
	est Location (Hiles/tenths from Risley Pier) 0-6(N)
Visibility good Weather Condi	itions Fair
Wind Speed and direction 5-10 5w	중요하다 그리는 그런 그 사람들 일본에 되었다면 보다 하셨다는 그 경기를 취하면 없는 것은 그리고 하는 것이 되었다. 그는 그 없습니다.
Water Temperature 82	Time Ashore (Known or estimated) 1/hr
Carapace Length	Carapace width
Carapace condition (Damages/barnacle	infestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight
Flipper condition (cuts, missing port	cions, etc.)
Body pit length/width	Depth to egg chamber
Time of nearest low	or high tide 0/00
Distance of nest below	or above high tide line as m
Comments: 99 Eggs	relocated to rest 038 cag
twitte up to finish	Caying-

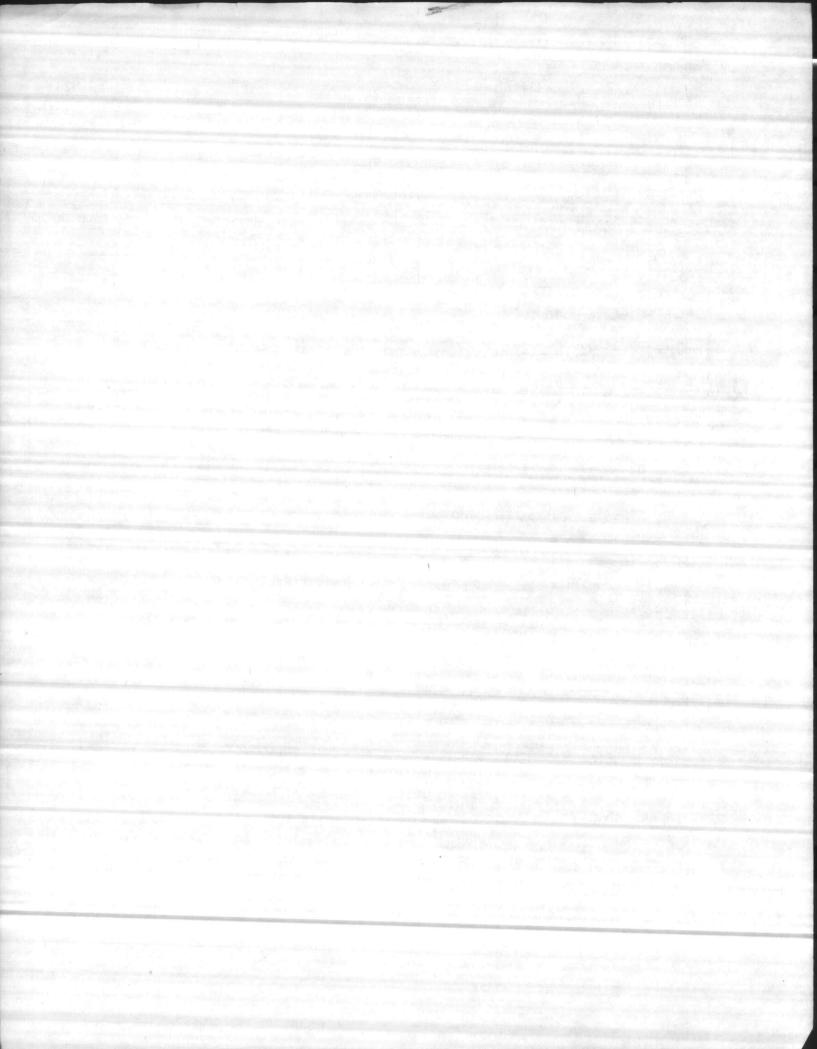


Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-8-83	Nest No. 045 Tag No. 079 Time 0035
Date Eggs Hatched	Nest Location (Miles/tenths from Risley Pier) 0 4 (N)
Visibility Weather Con	nditions
Wind Speed and direction	Air Temperature
Water Temperature	Time Ashore (Known or estimated)
Carapace Length 39//	Carapace width 35
Carapace condition (Damages/barnac	le infestation, etc.)
Head length/width $11'/8/51$	Right front flipper length 171
Right rear flipper length 13"	Estimated weight 200
Flipper condition (cuts, missing po	ortions, etc.)
Body pit length/width 7×8	Depth to egg chamber
Time of nearest low 0/330	님 그 그는 그 작가 여러워워 (1915) 이렇게 되지 않는데 가는데 하는데 하는데 하는데 하는데 되었다면 1925년 1
Distance of nest below	or above high tide line 8
Comments:	
Children and Child	



Marine Corps Base Camp Lejeune, North Carolina Return Date Female Nested 7-11-87 Nest No. 049 Tag No. 066 Time 0136 Nest Location (Hiles/tenths from Risley Date Eggs Hatched Pier) 2.3 (M) Visibility Good Weather Conditions Partly Choule Wind Speed and direction 0-56 E Air Temperature 784 Carapace Length Carapace width Carapace condition (Damages/barnacle infestation, etc.) Head length/width Right front flipper length Right rear flipper length Estimated weight Flipper condition (cuts, missing portions, etc.) Body pit length/width 425 Depth to egg chamber Time of nearest low 0400 or high tide Distance of nest below ______ or above high tide line 20' Comments: 101 eggs Nether OLS, 066 put in some cage as west \$2050.

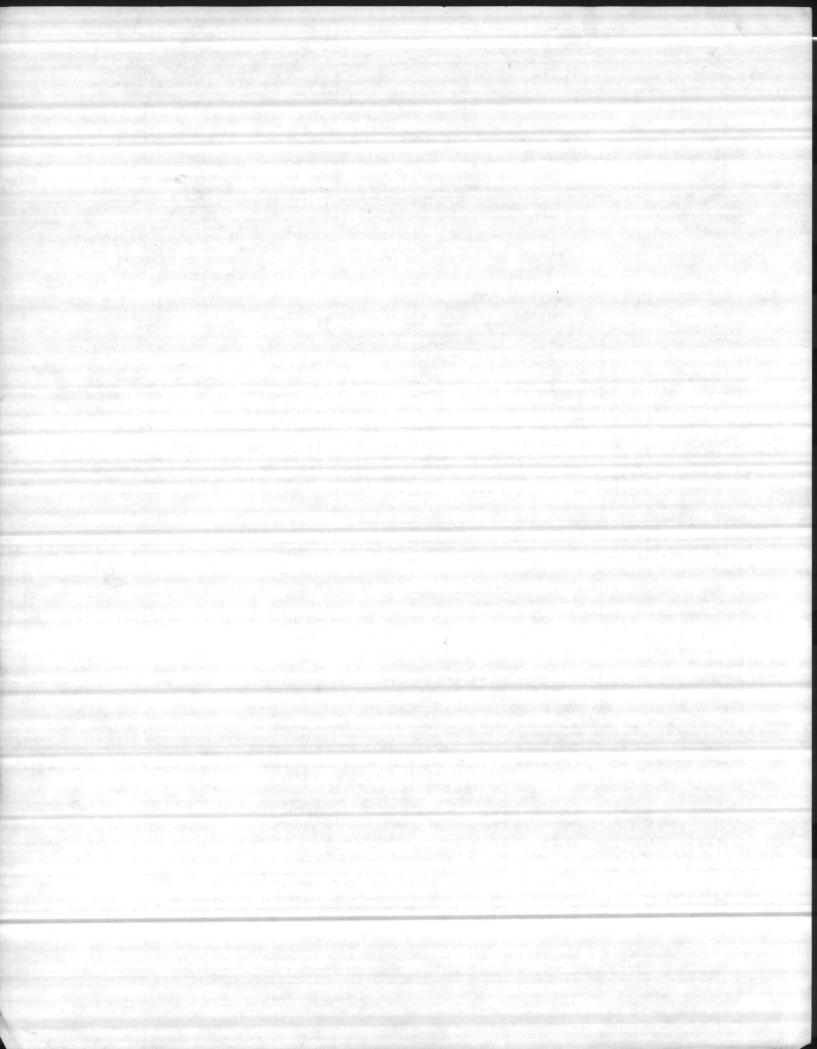


Did Not The

SEA TURTLE INVENTORY (Nesting Data)

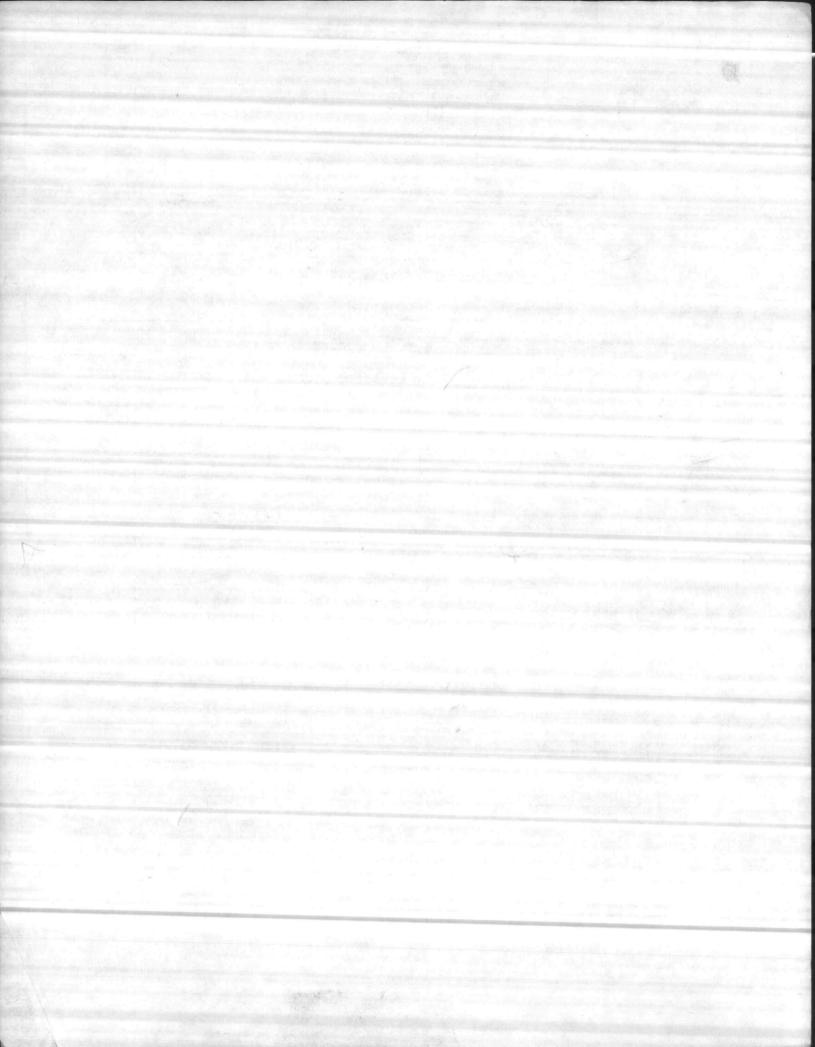
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-14-83 Nest No. 657 Tag No. 824 Time
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility govd Weather Conditions Clear
Wind Speed and direction Air Temperature
Water Temperature Time Ashore (Known or estimated) 0.00
Carapace Length 34 Carapace width 32
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width 8/6 Right front flipper length 15
Right rear flipper length 12 Estimated weight 125-200
Flipper condition (cuts, missing portions, etc.)
Body pit length/width Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: Did not tag turtle as correct
tags were not available (??)



Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-16-83 N	est No. 056 Tag No. 821 Time 2130
Date Eggs Hatched // N	est Location (Miles/tenths from Risley Pier)
Visibility _ qood Weather Cond	itions $F_{A_{I}C}$
Wind Speed and direction 15 Knots	Air Temperature
Water Temperature	Time Ashore (Known or estimated)
Carapace Length 40"	
Carapace condition (Damages/barnacle	infestation, etc.) Barnacles
Head length/width 10" - 8"	Right front flipper length 17314
Right rear flipper length 13"	
Flipper condition (cuts, missing por	tions, etc.) Nove
Body pit length/width 4 /4 3/	Depth to egg chamber
Time of nearest low 1900	
Distance of nest below	or above high tide line on Tide Lin
Comments:	



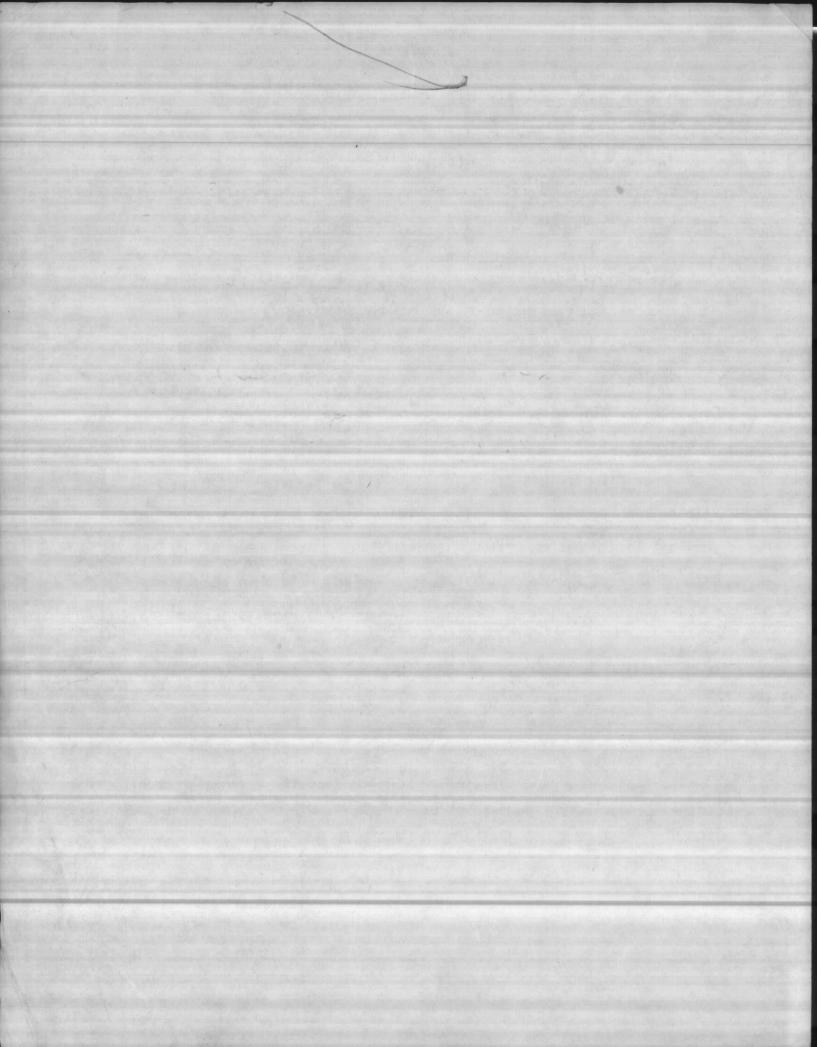
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 2-16-8 Nest No. 057 Tag No. 230 Time 2400
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility 900d Weather Conditions Chear
Wind Speed and direction 15 Ruots Air Temperature
Water Temperature Time Ashore (Known or estimated)
Carapace Length 3911 Carapace width 35341
Carapace condition (Damages/barnacle infestation, etc.) BARNACKS
Head length/width 1811_ Bib1 Right front flipper length 181/2/1
Right rear flipper length 1611 Estimated weight 200
Flipper condition (cuts, missing portions, etc.)
Body pit length/width 31/41 Depth to egg chamber 13'
Time of nearest low 1900 or high tide 0200
Distance of nest below or above high tide line ON Tide
Comments:
117 egg 5

Summary of Instructions: Conduct tagging and collection of pertinent nesting data during peak nesting periods beginning approximately two nights prior to each full moon, June through August. Begin survey one-half hour after high tide. Attempt to tag nesting turtles after they have begun depositing eggs in egg chamber. Use lights only sparingly in accomplishing the operation.

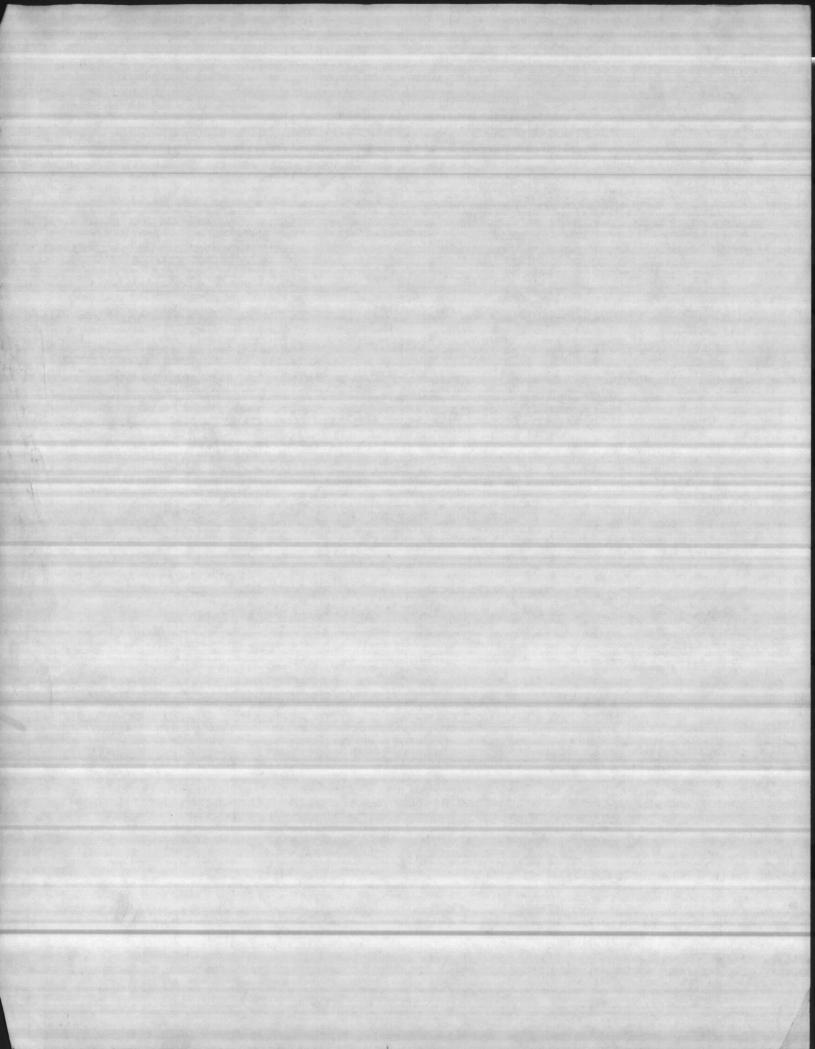
6.8.6

65,71



Marine Corps Base

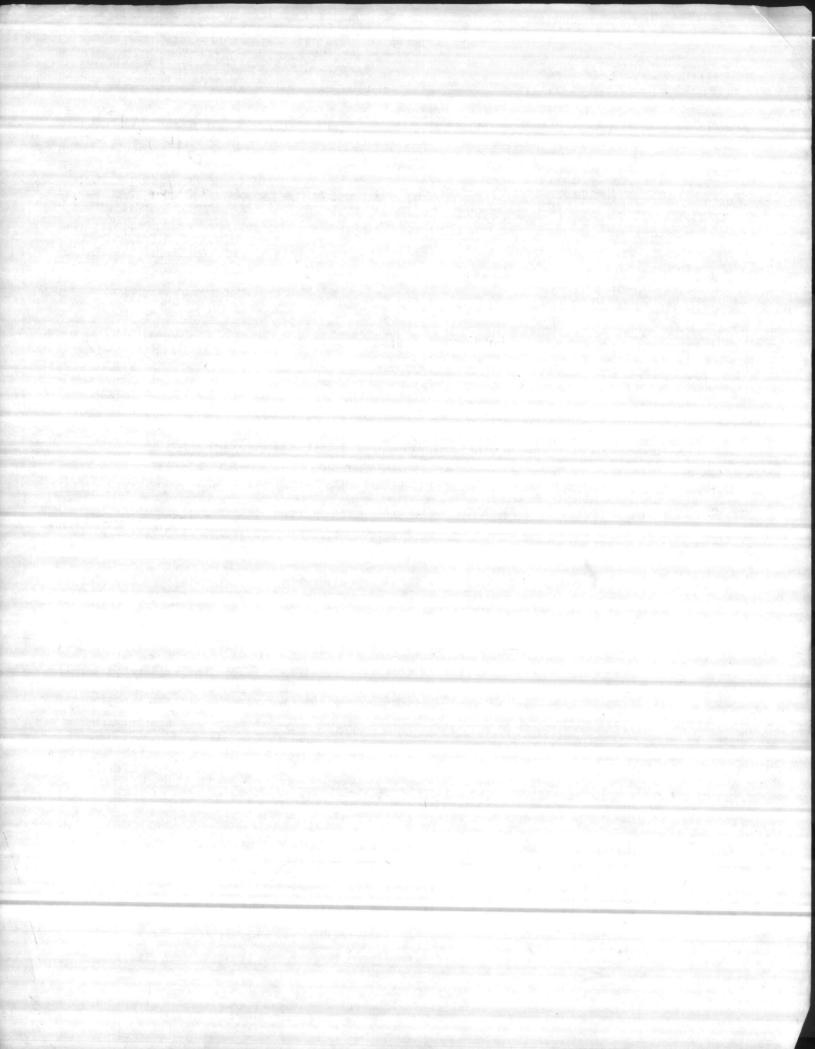
Camp Lejeune, North Carolina Date Female Nested 1-17-83 Nest No. 065 Tag No. Time 550 Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) 0.40 Visibility 6000 Weather Conditions Partly choudy Water Temperature 80 Time Ashore (Known or estimated) 0.3(5 Carapace Length 40 Carapace width 39 Carapace condition (Damages/barnacle infestation, etc.) Head length/width ______ Right front flipper length _______ /6 Right rear flipper length 13 Estimated weight Flipper condition (cuts, missing portions, etc.) Body pit length/width 60 Depth to egg chamber 5 Time of nearest low ______ or high tide _______ 0300 Distance of nest below _____ or above high tide line 35' Comments: 166 enas relocated to dune



Marine Corps Base Camp Lejeune, North Carolina

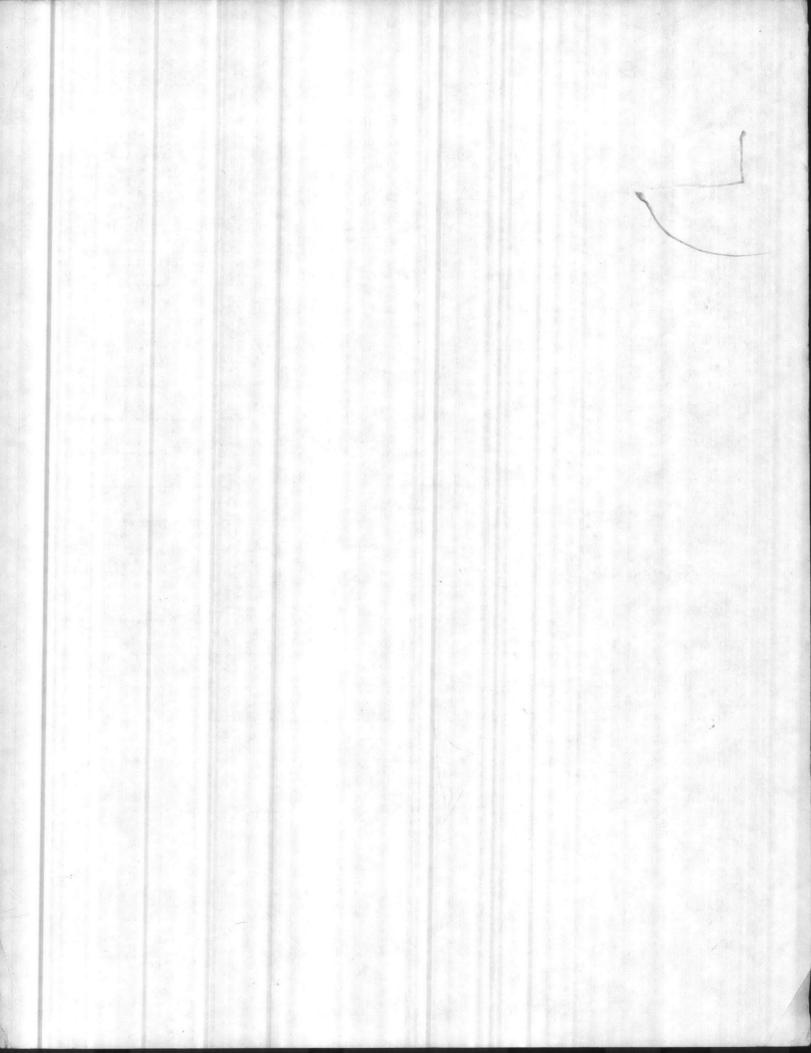
			21	Þ
Ó	16		0.	
0	1	1		
U				

Date Female Nested 1-21-83 Nest No. 067 Tag No. 67607 Sime 246
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility 6001 Weather Conditions Pair
Wind Speed and direction 10-15 Cart S Air Temperature 83 F
Water Temperature 80°F Time Ashore (Known or estimated) 1400
Carapace Length 42 Carapace width 39/7
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width 11 × 8 Right front flipper length 20"
Right rear flipper length 16" Estimated weight 350
Flipper condition (cuts, missing portions, etc.) Missing Right Rear Ph
Body pit length/width Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: C-O: Tagged +us+l-e



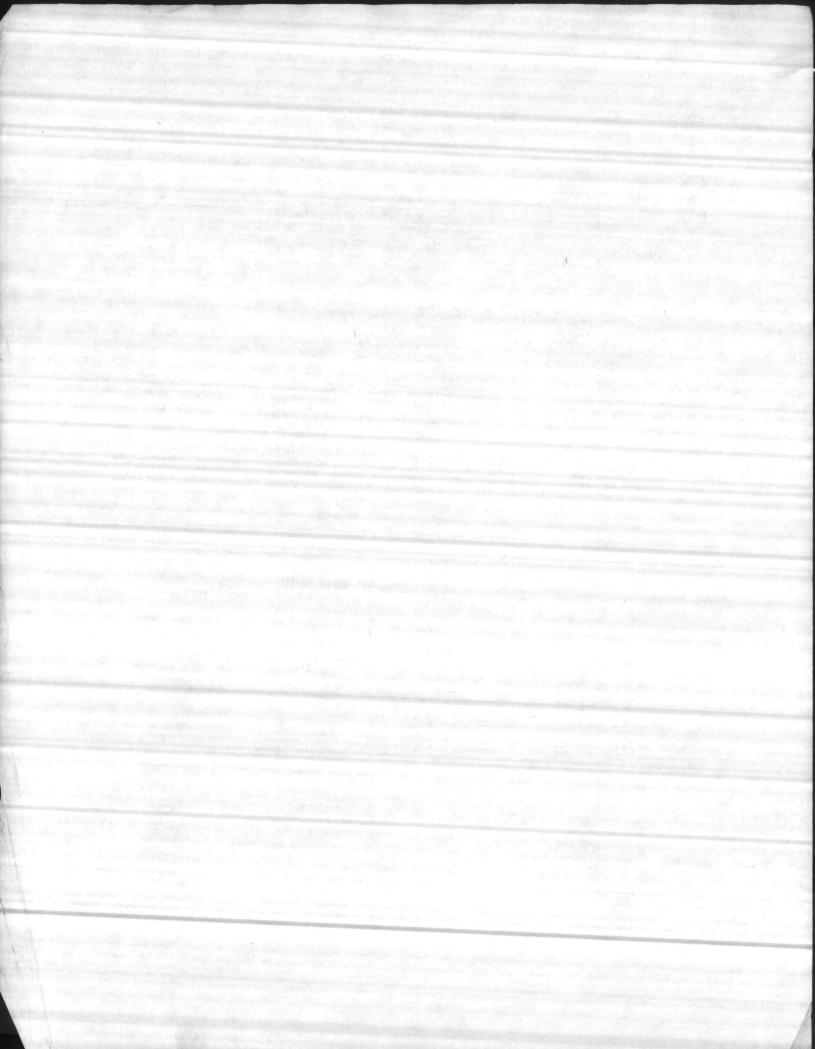
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-27-83 Nest No. 069 Tag No. 080 Time
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility Fax Weather Conditions Party Conf.
Wind Speed and direction 16-15 Kwits F Air Temperature 770 F
Water Temperature 784 Time Ashore (Known or estimated) 2300
Carapace Length 33 Carapace width 32
Carapace condition (Damages/barnacle infestation, etc.)
Head length/width 9/7 Right front flipper length 18
Right rear flipper length Estimated weight
Flipper condition (cuts, missing portions, etc.)
Body pit length/width Depth to egg chamber
Time of nearest low or high tide
Distance of nest below or above high tide line
Comments: Tagget turtle AAR 079 080 - The wind appeared
to bother the time!
(2012년 - 1912년 - 1912년 - 1912년 - 1912



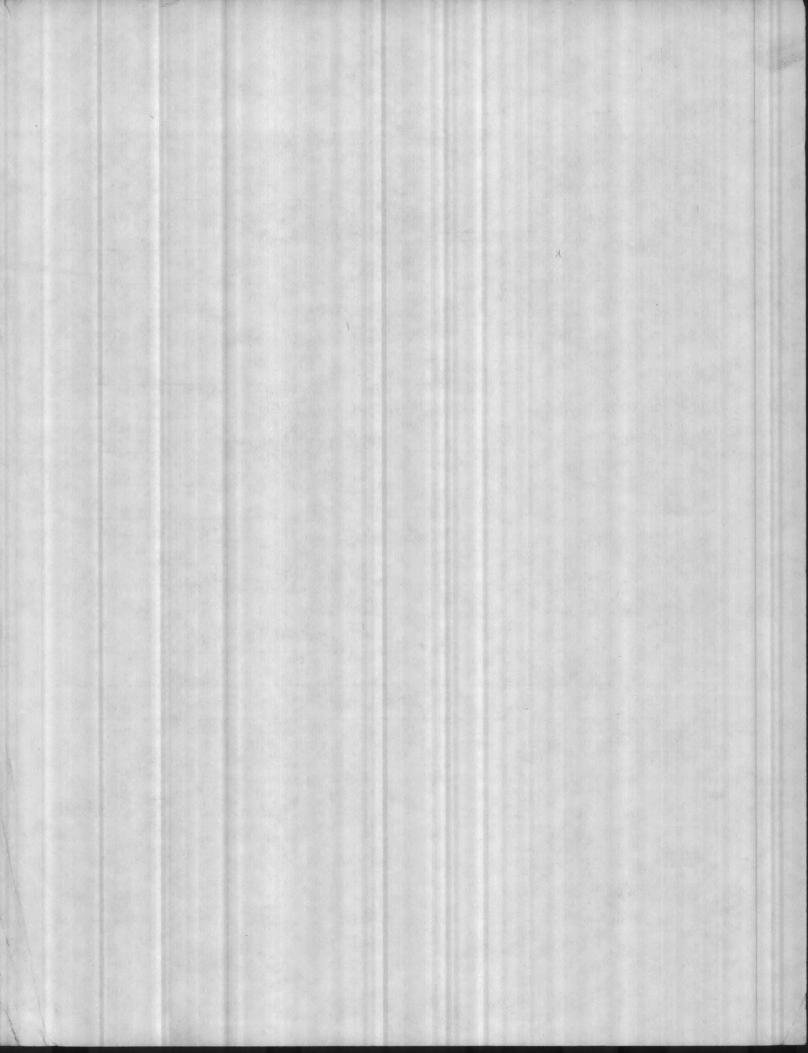
Marine Corps Base

Camp Lejeune, North Carolina Ims 817 Date Female Nested 7-83 Nest No. 072 Tag No. 5000 Time 2205 Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier) 2.3 (N Visibility good Weather Conditions dans Wind Speed and direction 5-16 Kants E Air Temperature Water Temperature 85 Time Ashore (Known or estimated) 2361 Carapace Length ____ Carapace width Carapace condition (Damages/barnacle infestation, etc.) Head length/width _____ Right front flipper length ____ Right rear flipper length _____ Estimated weight Flipper condition (cuts, missing portions, etc.) Body pit length/width 486 Depth to egg chamber Time of nearest low _____ or high tide 2306 Distance of nest below ______ or above high tide line ____ Comments: CU body of A Layer of shells. about 6-8" deep seemed to impose next digging



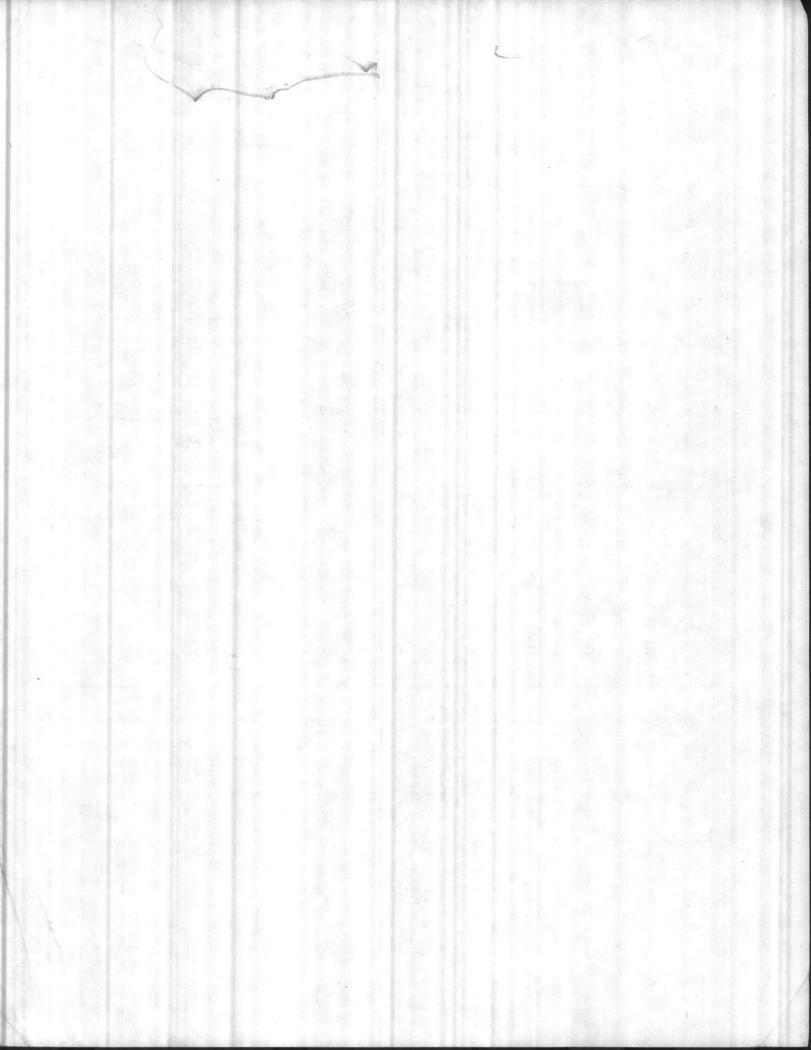
Marine Corps Base Camp Lejeune, North Carolina

	Ims 811
Date Female Nested 7-83 Nes	t No. 072 Tag No. INSOM Time 2215
Date Eggs Hatched Nes	t Location (Miles/tenths from Risley Pier)
Visibility good Weather Condit	ions char
Wind Speed and direction 5-10 Knots E	Air Temperature FOF
Water Temperature 85 T	ime Ashore (Known or estimated) 2301
Carapace LengthC	arapace width
Carapace condition (Damages/barnacle i	nfestation, etc.)
Head length/width	Right front flipper length
Right rear flipper length	Estimated weight
Flipper condition (cuts, missing porti	ons, etc.)
Body pit length/width 4x6	Depth to egg chamber
Time of nearest low	or high tide 2306
Distance of nest below	or above high tide line
Comments: CU 1 bot	y get A layer of shells
about 6-8" deap seemed	HHILLER (2) - [2] [1] 14 [2] (2) 14 [2] (2) (2) (2) (2) (3) (2) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4



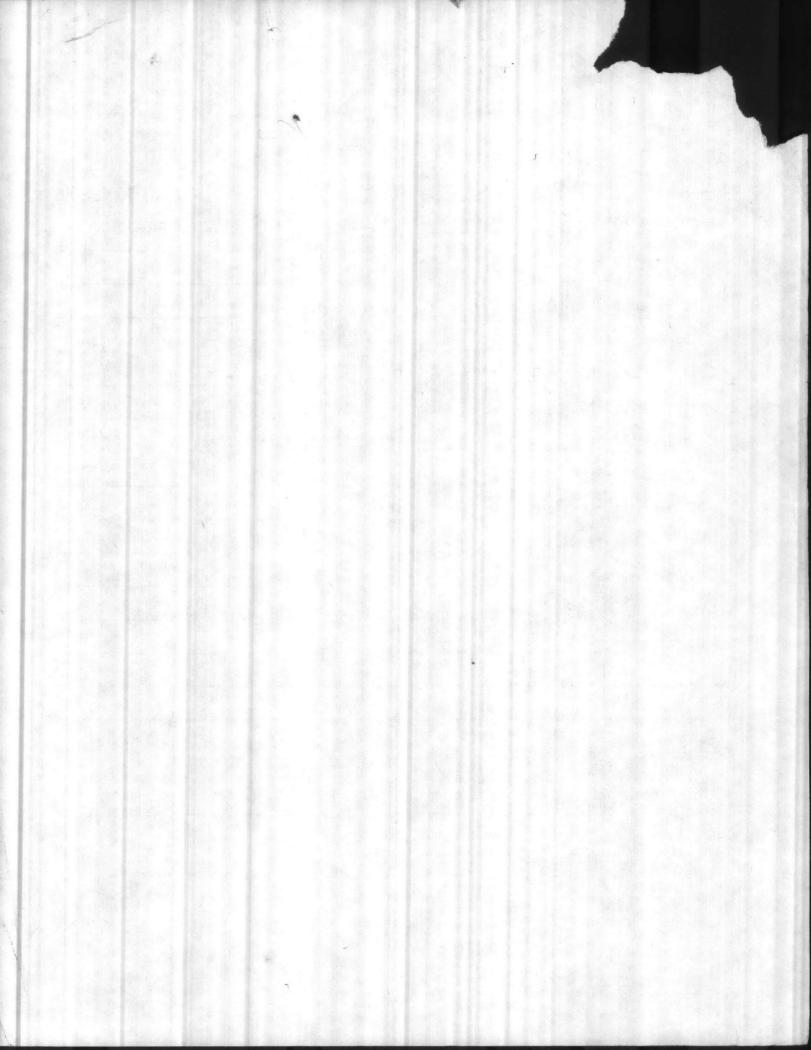
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 7-2983 Nest No. 077 Tag No. 27 Time /28
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility Poo Weather Conditions
Wind Speed and direction Air Temperature
Water Temperature 76° F Time Ashore (Known or estimated) 1.2h
Carapace Length 381 Carapace width 361
Carapace condition (Damages/barnacle infestation, etc.) Barracle
Head length/width 91/2 13/4 Right front flipper length 173/4
Right rear flipper length 12" Estimated weight 30 6"
Flipper condition (cuts, missing portions, etc.) Nove
Body pit length/width 5 / 4 Depth to egg chamber 10
Time of nearest low or high tide 1200
Distance of nest below or above high tide line
Comments:



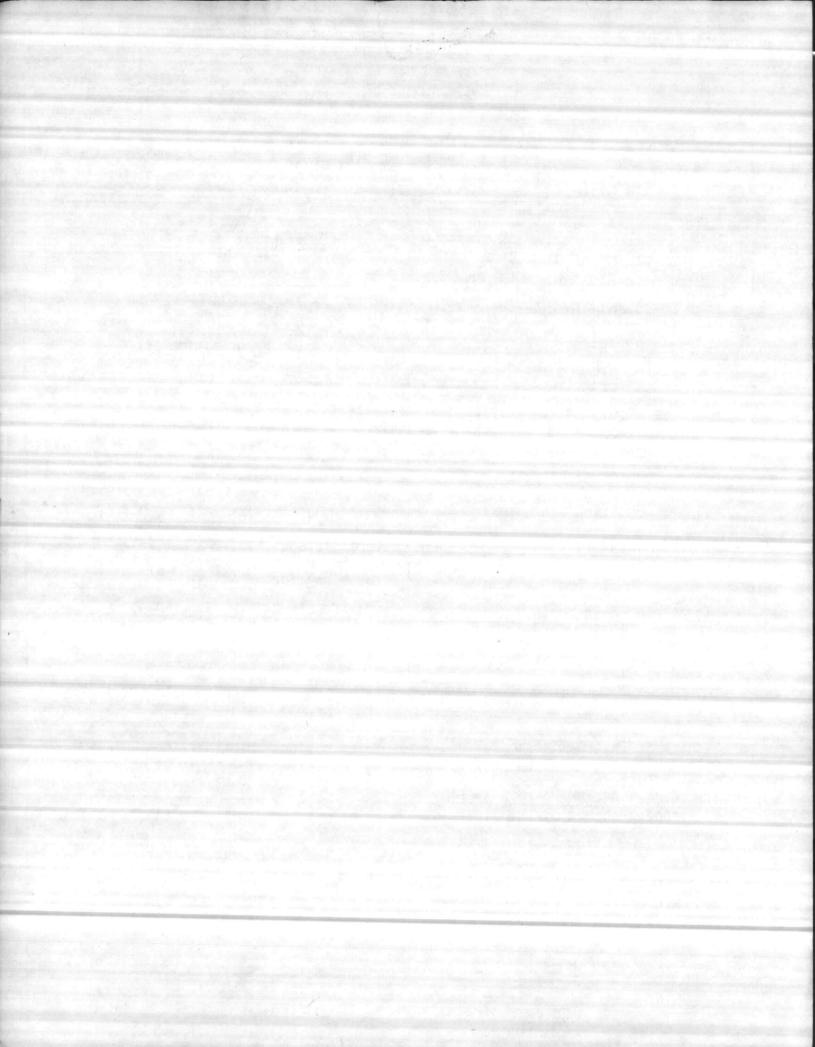
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 1-30-83 Nest No. 080 Tag No 84 Time 230
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility 9004 Weather Conditions Fair
Wind Speed and direction IDK SE Air Temperature 7897
Water Temperature 76 F Time Ashore (Known or estimated) 1 hr
Carapace Length 36 K // Carapace width 28 1/5
Carapace condition (Damages/barnacle infestation, etc.) BOTYACLE
Head length/width 81/51/61/1 Right front flipper length 131/5/
Right rear flipper length 10161 Estimated weight 180265
Flipper condition (cuts, missing portions, etc.)
Body pit length/width $3/2 \times 2/2$ Depth to egg chamber 14
Time of nearest low or high tide 0/00
Distance of nest below or above high tide line
Comments:



Marine Corps Base Camp Lejeune, North Carolina

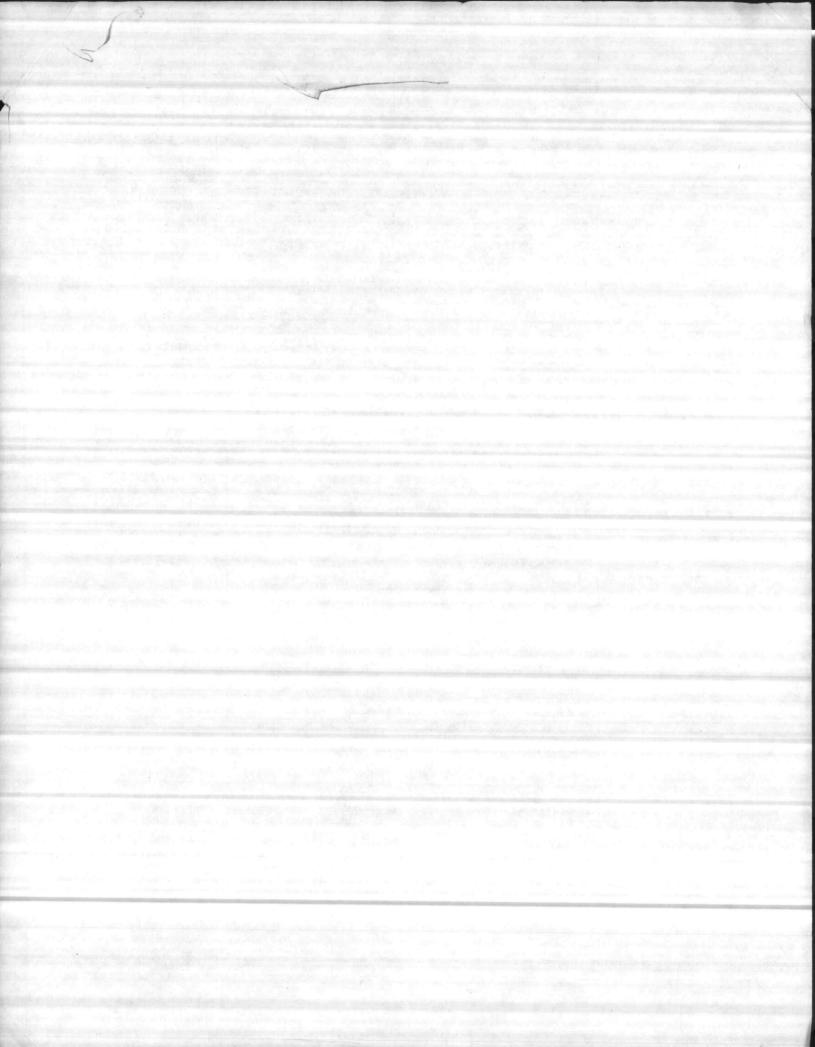
Date Female Nested 8-5-83 Nest No. 084 Tag No. 4 086 Time 22/0
Date Eggs Hatched Nest Location (Miles/tenths from Risley Pier)
Visibility good Weather Conditions cherr
Wind Speed and direction 15-20 KP Air Temperature 80°F
Water Temperature 74°f Time Ashore (Known or estimated)
Carapace Length $391/21$ Carapace width 341
Carapace condition (Damages/barnacle infestation, etc.) good, baryac
Head length/width 91/x 71' Right front flipper length 171/4"
Right rear flipper length 151/41 Estimated weight 270
Flipper condition (cuts, missing portions, etc.)
Body pit length/width 6 x 4 Depth to egg chamber 18'
Time of nearest low 2000 or high tide
Distance of nest below 40 or above high tide line
Comments:



AAR06970 AAR070

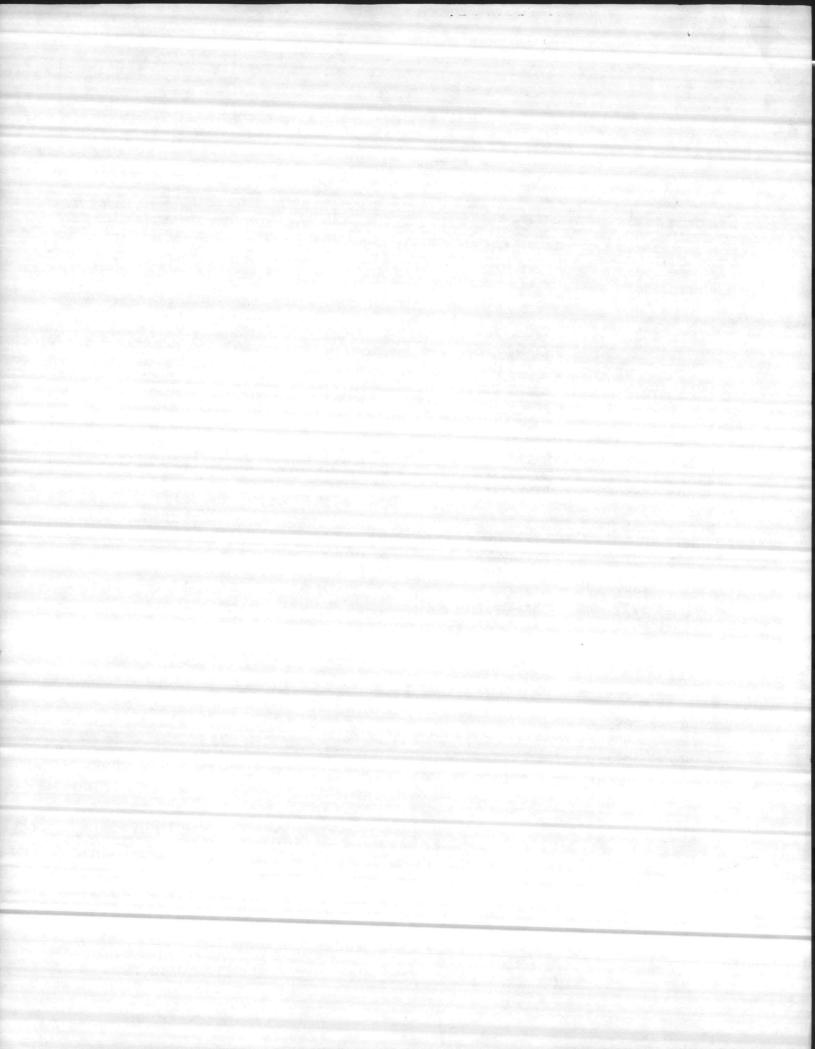
Marine Corps Base Camp Lejeune, North Carolina

Date Female Nested 8-12-83	Nest No. 088 Tag No. Time 0/3
Date Eggs Hatched	Nest Location (Miles/tenths from Risley Pier) 35 N
Visibility Fair Weather Con	ditions Clay
Wind Speed and direction	Air Temperature
Water Temperature	Time Ashore (Known or estimated) 40 min
Carapace Length 3811	Carapace width 34"
Carapace condition (Damages/barnacl	e infestation, etc.) Barunchec
Head length/width /////	Right front flipper length /7//
Right rear flipper length	Estimated weight 240
Flipper condition (cuts, missing po	rtions, etc.) Good
Body pit length/width 4/3	Depth to egg chamber
Time of nearest low	or high tide 0030
Distance of nest below	or above high tide line 50
Comments:	
	•



HUCH PASSINGHAM WORK SCHEDULE

Date	<u>Time</u>	<u>Duty</u>
21 June 1983	1000–1630	Check in, Physical, Driver's License issuance
23 June 1983	2000-0400	Beach Protecting nests and tagging turtles
24 June 1983	2000-0400	
25 June 1983	2000-0400	TI T
30 June 1983	2000-0400	Beach Protecting nests and tagging turtles
1 July 1983	2000-0400	" "
2 July 1983	2000–0400	II II
14 July 1983	2000-0400	Beach Protecting nests and tagging turtles
15 July 1983	2000-0400	
16 July 1983	2000–0400	u u
21 July 1983	2000-0400	Beach Protecting nests and tagging turtles
22 July 1983	2000-0400	"
23 July 1983	2000-0400	u u
28 July 1983	2000-0400	Beach Protecting nests and tagging turtles
29 July 1983	2000-0400	ıı ıı
30 July 1983	2000-0400	ıı ıı ıı
4 August 1983	2000-0400	Beach Protecting nests and tagging turtles
5 August 1983	2000-0400	n n
6 August 1983	2000-0400	11
11 August 1983	2000-0400	Beach Protecting nests and tagging turtles
12 August 1983	2000-0400	11 11
13 August 1983	2000-0400	II II
15 August 1983		Office working on 1983 report
16 August 1983		11 11
17 August 1983		", Check out
II MURUSE 1900		



(HELICOPTER)
NEW RIVER, JACKSONVILLE
NORTH CAROLINA 28545

Hugh

214/JCW/adp 3146 10 DEC 1982

CLIMATOLOGICAL DATA FOR THE MONTH OF JUNE 1983

	IN TOUR TIME TOWN OF STATE 1705
1	TEMPERATURE
•	[전에 보고
	ALL S
	c. real daily minimum temperature.
	u. Extreme maximum temperature recorded for June 101 (1091)
	e. Extreme minimum temperature recorded for June
2.	HUMIDITY
	a. Mean Relative Humidity
	19 (2) 10 (19 1일 19 1일 19 19 19 19 19 19 19 19 19 19 19 19 19
3.	PRECIPITATION
	a. Mean monthly rainfall
	b. Mean no. days with .01" or more
	c. Maximum amount of rainfall recorded for June
	d. Minimum amount of rainfall recorded for June
	e. Maximum amount of rainfall recorded in 24 hours
	1. Land amount of familian recorded in 24 hours
4.	THUNDERSTORMS
•	A. Percentage frequency of hourly occurrence
	하게 없어요요요 하게 되어 보니 아니는 아니는 아니는 아니는 아니는 아니는 아니는 아니는 아니는 아니
5.	FOG
	a. Percentage frequency of hourly occurrence 17 29
	FOG a. Percentage frequency of hourly occurrence
6.	WIND
	a. Prevailing direction
	b. Mean speed
	c. Peak gust recorded for June
	c. Peak gust recorded for June
7.	CLOUD COVER AND VISIBILITY
	a. Mean monthly cloud cover
	b. Percent ceiling greater than 500'
	c. Percent ceiling greater than 1000'
	c. Percent ceiling greater than 1000'
	e. Percent ceiling greater than 5000'
	broader didit Jood
	g. Percent visibility greater than 3 miles
	h. Percent visibility greater than 5 miles
8.	FIELD CONDITIONS
	a. IFR-ceiling less than 1000' and/or visibility below 3 mi7.2%
	b. BELOW MINS-ceiling below 200' and/or visibility below ami 0 37
	The second control of

WEATHER SERVICE DIVISION
OPERATIONS DEPARTMENT
MARINE CORPS AIR STATION
(HELICOPTER)
NEW RIVER, JACKSONVILLE
NORTH CAROLINS 28545

214/JCW/adp 3146 10 DEC 1982

ASTRONOMICAL DATA FOR THE MONTH OF APRIL 1983

DATE	SUNRISE	SUNSET	MOONRISE	MOONSET	PHASE	% OF ILLUM
1	0558	1831	2227	0817		.88
2	0557 0555	1832 1833	2326	0854		.81
4	0554	1834	0024	0935 1020	1/0	.72
5	0552	1834	0116	1110	1/2	.63
6 .	0551	1835	0205	1202		.53 .44
7	0550	1836	0248	1257		.35
8 9	0548	1837	0326	1353	1/4	.26
9	0547	1837	0401	1451		.18
10	0546	1838	· 0432	1549	lich er staden met skiere	.11
11	0544	1839	0501	1648		.06
12	0543	1840	0530	1749	NEW	.02
13.	0542	1841	0559	1851		.00
14	0540	1841	0630	1954		.01
15	0539	1842	0703	2100	1/4	.03
16 17	0538	1843	0742	2207		.08
18	0537 0535	1844	0825	2313		.15
19	0534	1845 1845	0926	0016	1.00	.24
20	0533	1847	1016 1121	0016	1/2	.35
21	0532	1847	1229	0114 0205		.46
22	0530	1848	1338	0251	3/4	.57 .68
23	0529	1849	1446	0329	3/4	.78
24	0528	1849	1553	0404	ar monthly	.87
25 00	0527	1850	1659	0437		.94
26	0526	1851	1804	0508	FULL	.98
27	0525	1852	1908	0540		1.00
28	0524	1853	2011	0613		.99
29	0523	1853	2112	0648	3/4	.97
30	0521	1854	2211	0728		.92

ALL TIMES ARE EASTERN STANDARD TIME

NOTE: FOR BEGINNING OF MORNING CIVIL TWILIGHT, SUBTRACT 27 MINUTES FROM SUNRISE. FOR END OF EVENING CIVIL TWILIGHT, ADD 27 MINUTES TO SUNSET.

MARINE CORPS AIR STATION (HELICOPTER) NEW RIVER, JACKSONVILLE NORTH CAROLINA 28545

214/JOW/adp 3146 10 DEC 1982

CLIMATOLOGICAL DATA FOR THE MONTH OF APRIL 1983

1.	TEMPERATURE
	a. Mean monthly temperature
	b. Mean daily maximum temperature
	c. Mean daily minimum temperature
	e. Extreme maximum temperature recorded for April 93 (1967)
	f. Extreme minimum temperature recorded for April
2	HUMIDITY
	a. Mean Relative Humidity
3.	PRECIPITATION
	a. Mean monthly rainfall
	c. Maximum amount of rainfall recorded for April
	d. Minimum amount of rainfall recorded for April
	e. Maximum precipitation recorded in 24 hours4.33"
4.	THUNDERSTORMS
	a. Percentage frequency of hourly occurrence
5.	FOG
	a. Percentage frequency of hourly occurrence
6	WIND
6.	a. Prevailing direction
	D. Mean speed
	c. Peak gust recorded for April
7.	CLOUD COVER AND VISIBILITY
185	a. Mean monthly cloud cover
	a. Mean monthly cloud cover
	c. Percent ceiling greater than 1000'
	e. Percent ceiling greater than 5000'
	f. Percent visibility greater than 1 mile
	g. Percent visibility greater than 3 miles
	h. Percent visibility greater than 5 miles94.0%
8.	FIELD CONDITIONS
	a. IFR-ceiling less than 1000' and/or visibility below 3 mi4.8%
	b. RELOW MINS- ceiling less than 200' and/or visibility below ami0.2%

OPERATIONS DEPARTMENT MARINE CORPS AIR STATION (HELICOPTER) NEW RIVER, JACKSONVILLE

NORTH CAROLINA 28545

214/JCW/adp 3146 10 DEC 1982

CLIMATOLOGICAL DATA FOR THE MONTH OF MAY 1983

1.	TEMPERATURE	
V ann	a. Mean monthly temperature. b. Mean daily maximum temperature. c. Mean daily minimum temperature d. Extreme maximum temperature recorded for May. e. Extreme minimum temperature recorded for May.	79.6 59.7 98. (1962)
2.	HUMIDITY a. Mean relative humidity	72.6%
3.	PRECIPITATION a. Mean monthly rainfall b. Mean no. days with .01" or more. c. Maximum amount of rainfall recorded for May. d. Minimum amount of rainfall recorded for May. e. Maximum amount of rainfall recorded in 24 hours.	10 days 8.36" (1974) 1 71" (1975)
,4.	a. Percentage frequency of hourly occurrence	
5.	Percentage frequency of hourly occurrence	
·6.	WIND a. Prevailing direction. b. Mean speed. c. Peak gust recorded for May.	5.3 knots
00 00	CLOUD COVER AND VISIBILITY a. Mean monthly cloud cover. b. Percent ceiling greater than 500'. c. Percent ceiling greater than 1000'. d. Percent ceiling greater than 3000'. e. Percent ceiling greater than 5000'. f. Percent visibility greater than 1 mile. g. Percent visibility greater than 3 miles. h. Percent visibility greater than 5 miles.	6.1 tenths 98.1% 95.2% 80.1% 71.3% 98.7%
8.	FIELD CONDITIONS a. IFR-ceiling less than 1000' and/or visibility below 3 mi b. BELOW MINS-ceiling less than 200' and/or visibility belowing	6.5%

WEATHER SERVICES DIVISION
OPERATIONS DEPARTMENT
MARINE CORPS AIR STATION
(HELICOPTER)
NEW RIVER, JACKSONVILLE
NORTH CAROLINA 28545

214/JCV/adp 3146 10 DEC 1982

ASTRONOMICAL DATA FOR THE MONTH OF JUNE 1983

DAT	E SUNRISE	SUNSET	MOONRISE	MOONSET	PHASE	% OF ILLUM
1 · 2 3 4	0458 0458 0458	1918 1919 1919	2359 0032	0931 1028 1125	1/2	.76 .68 .58
5 6 7 8	0458 0457 0457 0457 0457	1920 1920 1921 1921 1922	0102 0131 0158 0227 0258	1222 1319 1418 1521 1625	1/4.	.49 .39 .30 .21
9 10 11 12	0457 0457 0457 0456	1922 1923 1923	0332 0411 0457	1733 1842 1952	NEW	.06 .02 .00
13 14 15	0456 0456 0457 0457	1923 1924 1924 1925 —	0553 0658 0807 0919-	2058 2156 2247	1/4	.01 .05 .11
16 17 18	0457 0457 0457	1925 1925 1926 1926	. 1029 1137 1242	0009 0043	1/2	.20 .30 .41 .52
19 20 21	* 0457 0457 0457	1926 1926 1927	1346 1448 1550	0113 0144 0214	3/4	.63 .73 .82
22 23 24 25	0458 0458 0458	1927 1927 1927 1927	1651 1751 1849	0247 0322 0402	FULL TRANSPORT	.89 .95 .98
26 27 28	4059 0459 • 0459	1927 1927 1927	2034 2119 2158	0535 0628 0723	3/4	1.00
29 30	0500 0500	1927 1927	2233 2303	0819 0916	ing of the contract of the con	.88 .81

ALL TIMES ARE EASTERN STANDARD TIME

NOTE: FOR BEGINNGING OF MORNING CIVIL TWILIGHT, SUBTRACT 27 MINUTES FROM SUNRISE. FOR END OF EVENING CIVIL TWILIGHT, ADD 27 MINUTES TO SUNSET.

WEATHER SERVICES DIVISION OPERATIONS DEPARTMENT MARINE CORPS AIR STATION (HELICOPTER) NEW RIVER, JACKSONVILLE NORTH CAROLINA 18545

214/JW/adp 3146 10 DEC 1982

ASTRONOMICAL DATA FOR THE MONTH OF MAY 1983

DATE	SUNRISE	SUNSET	MOONRISE	MOONSET	PHASE	% OF ILLUM
1	0520	1855	2307	0812		.86
1 2 3 4 5 6 7	0519 0518	1856 1857	2358	0859	1.0	.78
4	0517	1857	0044	0951 1045	1/2	.70 .61
5	0516	1858	0124	1142		.51
7	0515 0514	1859 1900	0200	1239		. 42
8	0513	1901	0232 0302	1336 1434	1/4	.33
8	0513	1901	0330	1534		.24 -
10	0512	1902	3059	1636		.09
11 12	0511 0510	1903	0429	1739	NEW	.04
13	0509	1904 1904	0501 0522	1845 1953		.01
.14	0568	1905	0620	2102		.00
15	0508	1905	0709	2209	1/4	.06
16 17	0507	1907	0808	2309	and the second second	.13
18	0506 0505	1908 1908	· 0912 1021	0003	1/0	.22
19	0505	1909	1130	0051	1/2	.32
20	0504	1910	1238	0131		.55
21	0504	1911	1344	0207	3	.66
22 .	0503 0502	1911 1912	1449 1552	0239	3/4	.76
24	0502	1913	1655	0310 0341		.85 .92
25	0501	1913	1758	0412	FULL	.96
26 27	0501	1914	1900	0523	9610 3.3	.99
28 3.3	0500 0500	1915		0523	2 2.	1.00
29	0459	1916	2151	0651	3/4	.98 .95
30	0459	1917	2249	0742		.90
31 = . 5	0459	1917	2327	0835		. 84

ALL TIMES ARE EASTERN STANDARD TIME

NOIE: FOR BEGINNING OF MORNING CIVIL TWILIGHT, SUBTRACT 27 MINUIES FROM SUNRISE. FOR END OF EVENING CIVIL TWILIGHT, ADD 27 MINUTES TO SUNSET. TE OF LIL

WEATHER SERVICES DIVISION OPERATIONS DEPARTMENT MARINE CORPS AIR STATION NEW RIVER, JACKSONVILLE NORTH CAROLINA 28545

> 214/JCN/adp 3146 10 DEC 1982

MONTH OF APRIL TIDAL DATA FOR NEW RIVER INLET N.C.

DATE	TIME	HT.	TIME	HT.	TIME	HT.	TIME	HT.
1	0413	0.0	1019	2.9	1618	0.0	2244	3.3
1 2 3 4	0501	0.2	1103	2.7	1701	0.2	2331	3.1
3	0552 0019	0.3	1153	2.6	1749	0.4		
	0115	2.9	0646 0745	0.4	1245	2.4	1840	0.5
6	0213	2.7	0842	0.5	1349 1450	2.3	2141	0.5
7	0313	2.7	0938	0.3	1546	2.3	2143	0.4
5 6 7 8	0405	2.7	1026	0.2	1635	2.4	. 2236	0.2
9	0454	2.7	1108	0.0	1720	2.6	2324	-0.0
10	0538	2.7	1147	1	1802	2.7		
11	0006	2.	0619	2.7	1224	2	1835	-2.9
12 13	0048	3	0657	2.8	1259	3	1916	,3.0
14	0128 0207	3 3	0737 0814	2,8	1334	3	1956	3.2
15	0249	2	0853	2.8 2.8	1410	3 2	2034	3.3
16	0334	1	0937	2.8	1531	1	2116 2202	3.4
17	0422	0.1	1026	2.8	1619	0.1	2254	3.4
18	0517	0.2	1119	2.8	1717	0.2	2353	3.3
19	0618	0.31	1224	2.9	1823	0.4		3.3
20	0059	3.3	0725	0.4	1334	2.8	1937	0.4
21 .	0209	3.2	0834	0.4	1447	2.9	2053	0.4
22 23	0318 0423	3.3	0939	0.3	1554	3.1	2201	0.2
24	0520	3.3	1036	0.1	1653 1746	3.3 3.4	2303	0.1
25	9610	3.3	1127	0.0067	1836	3.4	2359	1
26	0049	2	0700	3.2	1301	21.2.2	1923	27 28 3.6
27	0137	7.2	0745	3.2	1343	2	2006	3.6
28	0223	2	0827	3.0	1423	1	2047	3.5
29	0307	1	0909	2.9	1504	0.0	2128	3.4
30	0350	0.0	0951	2.8	1544	0.1	2212	3.2

ALL TIMES ARE IN EASTERN STANDARD TIME

ROUGE IN ET TIMES. SUPERAGE 2 NOTE. BOUGE INLET TIDES: SUBTRACT 3 MIN. FOR HIGH TIDE. SUBTRACT 0.8 FT. FROM HIGH TIDE HT. SUBTRACT 2 MIN. FOR LOW TIDE, NO HT.

CORRECTION FOR LOW TIDE.

NEW TOPSAIL TIDES: ADD 4 MIN. FOR HIGH TIDE. ADD 43 MIN. FOR LOW TIDE. NO HT. CORRECTION FOR HIGH OR LOW TIDE.

WEATHER SERVICES DIVISION OPERATIONS DEPARIMENT MARINE CORPS AIR STATION (HELICOPIER) NEW RIVER, JACKSONVILLE NORTH CAROLINA 28545

214/JOW/adp 3146 10 DEC 1982

MONTH OF MAY TIDAL DATA FOR NEW RIVER INLET N.C.

						•		
DATE	TIME	HT.	TIME	HT.	TIME	HT.	TIME	HT.
1 2 3	0434 0520 0607	0.2 0.3 0.3	1036 1124 1214	2.6 2.5 2.4	1627 1714 1804	0.3 0.4 0.5	2256 2341	3.1 2.9
5	0032 0122 0222	2.8 2.7 2.6	0700 0754 0846	0.4 0.4 0.3	1309 1408 1502	2.4 2.4 2.4	1901 2001 2101	0.5 0.5 0.4
7 8 9	0318 0408 0454	2.6 2.6 2.6	0933 1017 1059	0.2	1552 1637 1722	2.6 2.7 2.9	2156 2246 2332	0.2
10 11 12	0540 0019 0101	2.6	1140 0622 0706	1 2 2.7 2.8	1803 1218 1301	3.0	1835 1928	3.2
13 14 15	0147 0232 0322	3 3 2	0749 0835 0925	2.8 2.8 2.9	1343 1428 1518	3 2 1	2012 2058 2149	3.5 3.5 3.5
16 17 18	0411 0507 0607	0.0 0.1 0.2	1017 1115 1218	2.9 2.9 3.0	1611 1712 1818	9.1 0.2 0.3	2244 2342	3.5
19 20 21	0048 0155	3.3 3.2 3.2	0710 0813	0.3	1327 1435	3.0	2930 2043	0.4
22 23 24 S.E	0229 0401 0458 0549(e)	3.1 3.1 3.0	0914 1009 1101	0.2 0.1 0.0 · 4 10 · 5	1536 1635 1726 00	3.2 3.3 3.40.0 3.5	2149 2249 2342103	0.3 0.1 0.0
25 1.8	202200 20119	1 1	1148 SI 0636 0721	2.9	1815 ² 0 1232 1314	1	1859 1940	3.5 3.4
27 0.1 28 2.5 29 3.5	0204 0246 0326	1 1 1	0804 0845 092-7	2.7 2.6 -2.6	1355 1437 1517	1 0.0 0.1	2024 2104 2143	3.3 3.2 3.1
30 7.2	0408 6 6 6 0451	0.1	1009 1055	2.5	1559 1643	0.2	2226 2308	3.0

ALL TIMES ARE IN EASTERN STANDARD TIMES AND STANDARD TIMES.

BOUGE INLET TIDES: SUBTRACT 3 MIN. FOR HIGH TIDE. SUBTRACT 0.8 FT. FROM HIGH TIDE HT. SUBTRACT 2 MIN. FOR LOW TIDE, NO HT. CORRECTION FOR LOW TIDE.

NEW TOPSAIL TIDES: ADD 4 MIN. FOR HIGH TIDE. ADD 43 MIN. FOR LOW TIDE.
NO HT. CORRECTION FOR HIGH OR LOW TIDE.

WEATHER SERVICES DIVISION OPERATIONS DEPARTMENT MARINE CORPS AIR STATION (HELICOPTER) NEW RIVER, JACKSONVILLE NORTH CAROLINA 28545

> 214/JCW/ado 3146 10 DEC 1982

MONTH OF JUNE TIDAL DATA FOR NEW RIVER INLET N.C.

DATE	TIME	HT.	TIME	HT.	TIME	HT.	TIME	HT.
1 2	0533 · 0617	0.2	1140 1230	2.4	1730 1823	0.4	2332	2.7.
3	0042 0133	2.6	0703 0749	0.2	1322 1414	2.4	1920 2018	0.4
4 5 6 7	0226 0319	2.5	0838 0924	0.1	1503 1552	2.6	2115 - 2207	0.2
7 8	0411	2.5	1011	1 2	1640 1730	3.0 3.1	2258 2350	1 2
9 .	0550 0039	2.6	1143 0639	3 2.7	1816 1232	3.3	1906	3.5
11 12	0126 0217	4 3 3	0729 0820	2.8	1322 1414	-4 3	1955 2046	3.5
13	0307	3 2	0913	3.0	1508 1606	2 1	2138 2234	3.5
15 16	0455 0551	1 0.1	1107 1208	3.1	1707 1810	0.1	2331	3.4
17 18	0032 0134	3.3	0650 0748	0.2	1310 1414	3.2	1919 2026	0.3
19 20	0236 0336	3.0	0846 0940	0.2	1516 1614	3.3	2132 2233	0.3
21 22	0432 0525	2.8	1033 1121	0.1	1704 1752	3.3	2326	0.1
23 0 0 24	2346100	0.0, & 1=.8 1;	0613271	2.60.0	1207	0.0	1837	3.3 3.2 42
25 26	0143	1r 2	0743 01	2.5	1249 II 1331 200 1412 70 1452 80	1 1 1 0.0	2000 00 2039 0 2116 00	25 1.6 3.1 = 5
27 28	0302 0339	2 1 1	0904	2.5	1534 30	0.4	215420	3.0 vs 2.9 ss
29 30	0416 0456	0.0	1023 1105	2.4	1614	0.4	2234230	2.8 es 2.7 es
ALL TIME	ES ARE TN	FASTERN	STANDARD	TIME	₹c0.	0 1	~a 5~	3.

ALL TIMES ARE IN EASTERN STANDARD TIME

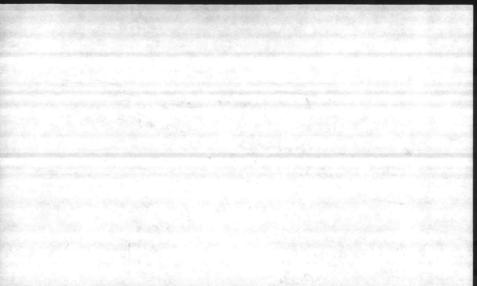
BOUGE INLET TIDES: SUBTRACT 3 MIN. FOR HIGH TIDE. SUBTRACT D. 8 FT. FROM IN HIGH TIDE HI SUBTRACT 2 MIN FOR LOW TIDE, NO HT .- OC.

NEW TOPSAIL TIDES: ADD 4 MIN FOR HIGH TIDEGE ADD 43 MIN. FOR LOW TIDE. NO HT. CORRECTION FOR HIGH OR LOW TIDE.

TT V ST TIMES WITH SIT

AUD A MIN FOR HUGH TOTAL AND TO THE WORLD

First copies originals - consected date At Bopch -2nd copy-Petterson From Log for COOP - Turtre Prosect cooperative movine touthe Tagging cooperative movine touthes)



Statement of - Sam F. Poole, Wildlife Biologist, Civilian GS-7

Nest number 022, was checked for hatching success on 2 September 1983 and no eggs were present. Seventy-one days after the female laid 111 eggs at 1.0(N) of Risley Pier. The final hatching success check was made on 7 September 1983. This final check revealed no eggs in the nest cavity, the pit was dug out and the hole enlarged to approximately 4' x 4'; with still no eggs, turtle egg shells, or young turtles found. A search was conducted at the next dune, and up and down the beach, for egg fragments or young turtles of the season and none were found. The protective wire nest cover had been moved.

> Non Follow Parker 1 22 SAM F. POOLE

Statement of - Sam P' Wool, Whalle Pipionist Civil Tan engl

Is a problem of the considering of the consistent consistent of the consistent consistent of the consistent consistent

topic style

Statement of - Sam F. Poole, Wildlife Biologist, Civilian GS-7

Nest number 022, was checked for hatching success on 2 September 1983 and no eggs were present. Seventy-one days after the female laid 111 eggs at 1.0(N) of Risley Pier. The final hatching success check was made on 7 September 1983. This final check revealed no eggs in the nest cavity, the pit was dug out and the hole enlarged to approximately 4' x 4'; with still no eggs, turtle eggs shells, or young turtles found. A search was conducted at the next dune, and up and down the beach, for egg fragments or young turtles of the season and none were found. The protective wire nest cover had been moved.

SAM F. POOLE 14 Sep 1983 entrovinos atriculares posentos información en la companya de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya del companya de la companya del companya



Statement of Sam F. Poole, Wildlife Biologist, Civilian GS-7. Nest #022, was checked for hatching success 9-7-83. Seventy one days after the female laid 111 eggs at 1.0(N) of Risleys Pier. This female was the taged with return No. IMS 716. The hatching success check reveiled no eggs in the nest cavity on \$183 he pit was dug out and the hole enlarged to approximately 4' x4' with still no eggs located or furtle egg shells. A search was conducted at the next dune and up and down the beach for egg fragments or dead turtles, none were found. This same nest was checked earlier and no eggs were present. (9-2983) The last check was the final check on nest #022 was to determine the percent of hatching success.

SAM F. P

The electron of the second of

CP

9-9-83

Statement of SAM 7. Poole, Wildlife Biologist CIVILIAN 65-7.

Nest # 022, was checked for natching success

(9-7-88.) Seventy and days after the female haid 111

The eggs At 1.0(N) of Risley's Pier. This female

WAS Taged with return NO. I.M.S. 716. The

3 yo Hatching success check reveited NO eggs in

The Nest Cavity on (9-7-83) The pit was Jugout

AND the home extraged To Approximately 4'x4'

With Still NO eggs hocated on A Shells. A Sunch

was conducted at the next done And up

AND down the beach for egg fragments

ON dead turtles, None were found. This

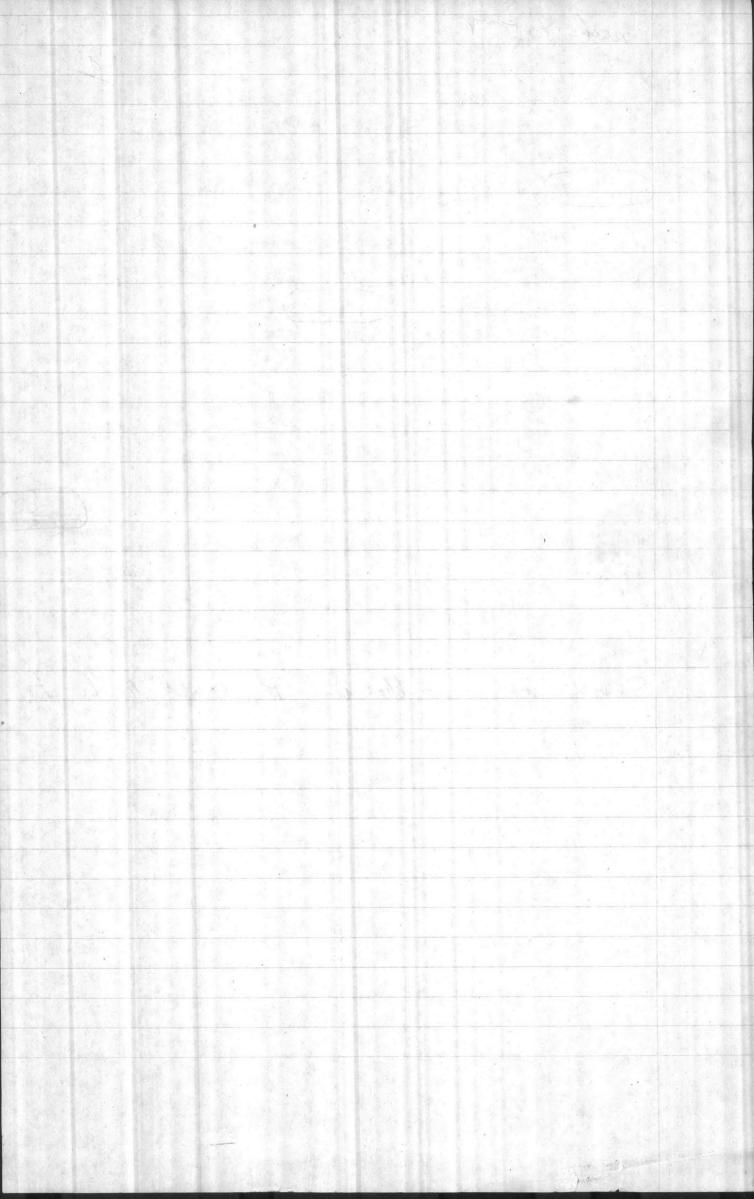
Same pest was checked, 19 2000 This

Same pest was checked, 19 2000 Proceed of the Last Check was The final Hutching

Soccess Check to defermine the pencent

Of hatching success

Seems to me - the lost P should be first



Revised - 4-14-83 P.7P. Soll Phase

Statment of SAM F. Poole, withinfe Biologist, civilian GS.7

Nest # 022, was checked for hatching success

DN 9-2-83 and pooggs were present. Sevenly one

CAYS After The female, Laid Illeggs at 1.0(N)

Of Risleys Pier The first hatching success theck

was made # 009-7-83, This first Check

revented No eggs in the nest chuity, The

Pit was dug out and The hore enlarged To

Aproximately 4'x4, with still no eggs, Turke,

egg shels, or young Turtles found. A sunch

was conducted at the next dure, And up

Andown The beach, for egg fragments or

dead young Turtles of The season, None

were found. The protective wire Nest cover had
been moved.

Signature - Sam f. Poole 9-14-83

