Date:01-SEP-02   Location:Bogue A   Sight/Scan Record ID:02-244-02
(dd-mon-yy)   (yy-julianday-sighting#scan#)

SEAGRASS/HABITAT SAMPLING

Sample ID: 02-244-AGR38   EW Team: 02-9   Data Recorded By: Terin
(yy-julianday-location code)   (yy-team#)

LOCATION DATA

LOC. CODE**:** AGR38   WAYPOINT: 331

LOCATION NAME: Bogue A

VECTOR TO SAMPLE PLOT:

DEPTH AT CENTER OF PLOT: 6.0m

DEPTH AT NORTH: 5.5 SOUTH: 6.5   EAST: 6.0 WEST: 5.5

Habitat Type: Circle the habitat characteristics of the scan point, NOT where the manatee is! Grass type should be underlined for every scan point.   Resting hole within 100m: **yes no unknown**
<u>Inside Bogues</u>/Outside Bogues/Reef   Channel/Channel edge/<u>Dead-end Bogue</u>/Lagoon/Grassflat
<u>Mud</u>/SMud/MSand/Sand/Coral/Unknown   <u>Turtle</u>/Shoal/Manatee/Mixed/None/Other/Unknown

PHYSICAL DATA

SECCHI READINGS (vertical secchi – take from center of boat. horizontal secchi – take from bow (.5 meter) below the surface; secchi disk should face the sun.)

Name (volunteer who took the data)	Horiz	Vertical	Depth	Comments
Pam		6.5	6.5	
Susan	14			
Krisan	14			

H20 Temp Surface	H20 Temp Bottom	Salinity Surface	Salinity Bottom	Sea State	Swell Height
29.4	29.5	37	37	2	0

Sediment Type (circle sediment type based on biomass cores)**:** mud -- sand/coral -- mix -- other

Comments and other description: mud/silt

BIOLOGICAL DATA

BIOMASS CORES: (Enter zero if core would be empty, enter yes if core was taken, enter N/A if not taken. Take cores from the "a" corner of the small (density) quadrats. If you enter zero, a biomass datasheet must be filled out!!!)

<div align="center">

N: yes S: yes E: yes W: yes

</div>

DENSITY COUNTS

4 samples:
See plot design for sample layout.

At least 2 Replicas: If possible, each replica should be taken by the same person. Please make comments about person who took data. ie - intern, volunteer etc.)

Replica 1: Name (volunteer who took the data): Tami, Intern														
	A Quarter			B Quarter			C Quarter			D Quarter			Total		
	T	S	M	T	S	M	T	S	M	T	S	M	T	S	M
N	5			0			6			6			17		
S	5			0			1			5			11		
E	10			4			0			2			16		
W	4			6			6			6			22		

Replica 2: Name (volunteer who took the data): Mike, Volunteer														
	A Quarter			B Quarter			C Quarter			D Quarter			Total		
	T	S	M	T	S	M	T	S	M	T	S	M	T	S	M
N	4			1			6			6			17		
S	5			0			1			5			11		
E	8			5			0			1			14		
W	6			8			7			8			29		

Replica 3: Name (volunteer who took the data):														
	A Quarter			B Quarter			C Quarter			D Quarter			Total		
	T	S	M	T	S	M	T	S	M	T	S	M	T	S	M
N															
S															
E															
W															

Date:<u>01-SEP-02</u>   Location:<u>Bogue A</u>   Sight/Scan Record ID:<u>02-244-02</u>
(dd-mon-yy)   (yy-julianday-sighting#scan#)

PERCENT COVER (1 x 1 m QUADRAT)

4 samples N,S,E,W: See plot design for sample layout. Each quadrat will be rolled 5 times.

Replica 1: Name (volunteer who took the data): Kevin, Shelly: volunteers

Sample N (grand total is entered into database) (rows 1-10)	Total
38	38
85	85
23	23
40	40
97	97
Grand Total	283

Replica 1: Name (volunteer who took the data): Kevin, Shelly: volunteers

Sample S (grand total is entered into database) (rows 1-10)	Total
47	47
87	87
98	98
98	98
91	91
Grand Total	421

Replica 1: Name (volunteer who took the data): Hannah, intern

Sample E (grand total is entered into database) (rows 1-10)	Total
59	59
60	60
50	50
37	37
97	97
Grand Total	303

Replica 1: Name (volunteer who took the data): Kevin, Shelly: volunteers

Sample W (grand total is entered into database) (rows 1-10)	Total
15	15
28	28
28	28
52	52
45	45
Grand Total	168

Date:<u>01-SEP-02</u>   Location:<u>Bogue A</u>   Sight/Scan Record ID:<u>02-244-02</u>
(dd-mon-yy)   (yy-julianday-sighting#scan#)
Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample N (grand total is entered into database) (rows 1-10)	Total
Grand Total	

Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample S (grand total is entered into database) (rows 1-10)	Total
Grand Total	

Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample E (grand total is entered into database) (rows 1-10)	Total
Grand Total	

Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample W (grand total is entered into database) (rows 1-10)	Total
Grand Total	