HoRs
Moku Manu
16 May '67

R F B on top

1 small downy chick
1 5 d c
1 e
int phase

SD egg
egg
SDC
MDC
LDC
Nabed
nests/nn egg

757-60 536 ~ nabed chicks

next page

B Baby

2 eggs in Portland

2 eggs //

eggs //

mailed

S D C

M D C //

L D C

35

RFB

Egg	𝍸 𝍸 𝍸 ||	17
naked	𝍸 𝍸 |||	13
SDC	𝍸	5
MDC	𝍸 𝍸 𝍸 𝍸	20
LDC		
Nest	|	|

Bare	4, 1	(5)
e	48, 17	(65)
Nab -	13, 35	(48)
SDC	15, 5	(20)
MDC	29, 20	(49)
LDC	—	—

Positive rat
smell - looks like
dark pelage rattus rattus
4:30 afternoon

Afternoon Tuesday

light variable winds
2 - 5 knots -
light high overcast
with embedded Cbs
heavy rain most
but not steady
this far out

Sooty terns

no egg float rem

Sooty Terns ~~[illegible]~~ chicks ca. half down & feathered on wings and tail tips

Red-foot almost wholly nesting in Neopodium Coluecens nests low about 1½ feet off ground

Brown Book

Continuous spectrum

Barb

767-5348-01-
767-5398-300

298	F / N Chris
299	M / MDC
300	F / MDC
401	SP NH
402	A SDC
03	SP
04	MD
05	R
06	NH
07	MDC
08	R
09	R
10	R
11	SD
12	MP

13 LDC

14 MD

15

16

17

18

19 LD

20 MD

21 NC

22 MD

23 MD

24 LD

25 MD

26 E

27 LD

28 SD

29 NC

30

NC 44-925-929

31 - E

32 ~~XLO~~ Post

33 Sup Ad

34 N C

35 N C

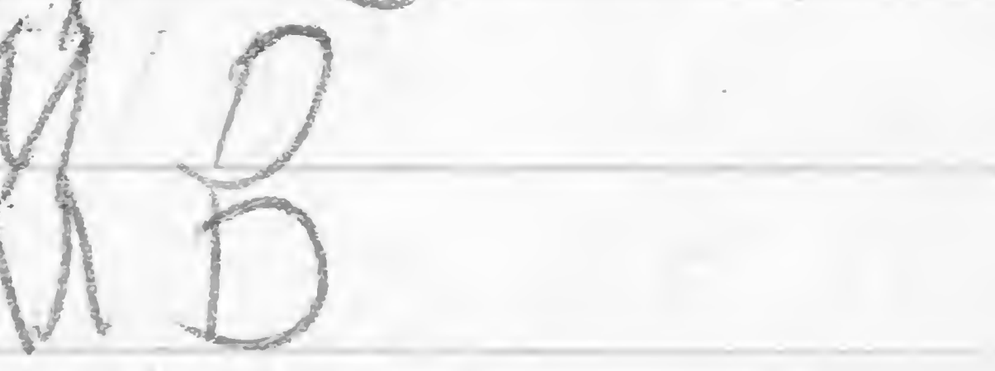
36 N D

37 N D

38 N D

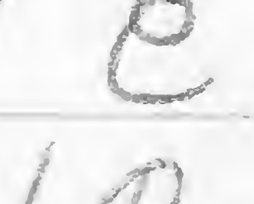
39 N E

40 N C

41  SDC

42 E

43  SD

44  R

45 S N

46 ROOR

47 OE

48 OE

49 NO

50 SD

51 N E
52 N E
53 E
54 N
55 S D C
56 E
57 E
58 S D
59 S D
60 R
61 N
62 O N D
63 R
64 N D
65 N D
66 N D
67 R
68 O E
69 S N E
70 R

71	ND
72	ND
73	R
74	R
75	R
76	SD
77	Sub Adult
78	R
79	R
80	R
81	OE
82	NC
83	SDC
84	OE
85	R
86	R
87	OE
88	OE
89	OE

90 P

91 O E

92 R

93 S D C

94 R

95 R

96 O E

97 S D

98 S N

99 S A O L F

100 R

Frank Smith
Moku Manu
16 May '67

General Notes

Red Footed boobies are nesting ~~[illegible]~~ over the top of the island in Chenopodium Ouhuensis using same as nesting material Nests average about 1 ft off the ground. All birds seen were light phase except one int Phase. The area of greatest density is at N and E ends of island where nests are about 10 ft apart on the average

Sooty Terns

Have suffered severe nesting failure over the entire island. Estimated 100,000 sooty eggs laid survived late among young - no more than 1500 chick (2 to 3 weeks old) are still alive. Estimate of 3000 dead chicks found over island. Estimate of 20,000 adults swirling over island at 1630.

Christmas Island Shearwater

2 nests found each containing 1 egg) Both on rock ledges at north end of island. Undoubtably many more were undiscovered.

Common Noddy Tern

Haw Noo Y Tsan

Red Footed Booby Banding
16 May

767 - 53301

Great Frigatebird

1630 - approx 500 roosting on edges of cliffs around W, N, E ends of island - roosting in Chenopodium Ouhoaensis - the dominant plant on the top. Estimated additional 1000 birds in air over Sooty Tern colony

· Stadel

Moku Manu

16 May 67

Brown Baby

OE	OZE	Ne	Sbe	r
~~00~~	~~0~~	IIII	~~IIII~~ IIII	
IIII	IIII IIII	IIII		
	0 IIII	IIII	II	
5	IIII	13		
	20			

MDC	LPC	Imn	Brd
HH	HH		
HH	6		
5			

RFB →

0E	02	1X	5DC	MDC
1N		1N0	1NN	1NN
2N		2N	2NN	2NN
3N		3N	3NN	3NN
4N		4N	4NN	4NN
5N		5N	5NN	5NN
6N		6N	6NN	6NN
7N		7N	7NN	7NN
8N		8N	8NN	8NN
9N		9N	9NN	9NN
AN		AN	ANN	ANN
BN		BN	BNN	BNN
CN		CN	CNN	CNN
DN		DN	DNN	DNN
EN		EN	ENN	ENN
FN		FN	FNN	FNN
10N		10N	10NN	10NN
11N		11N	11NN	11NN
12N		12N	12NN	12NN
13N		13N	13NN	13NN
14N		14N	14NN	14NN
15N		15N	15NN	15NN
16N		16N	16NN	16NN
17N		17N	17NN	17NN
18N		18N	18NN	18NN
19N		19N	19NN	19NN
1AN		1AN	1ANN	1ANN
1BN		1BN	1BNN	1BNN
1CN		1CN	1CNN	1CNN
1DN		1DN	1DNN	1DNN
1EN		1EN	1ENN	1ENN
1FN		1FN	1FNN	1FNN
20N		20N	20NN	20NN
21N		21N	21NN	21NN
22N		22N	22NN	22NN
23N		23N	23NN	23NN
24N		24N	24NN	24NN
25N		25N	25NN	25NN
26N		26N	26NN	26NN
27N		27N	27NN	27NN
28N		28N	28NN	28NN
29N		29N	29NN	29NN
2AN		2AN	2ANN	2ANN
2BN		2BN	2BNN	2BNN
2CN		2CN	2CNN	2CNN
2DN		2DN	2DNN	2DNN
2EN		2EN	2ENN	2ENN
2FN		2FN	2FNN	2FNN
30N		30N	30NN	30NN
31N		31N	31NN	31NN
32N		32N	32NN	32NN
33N		33N	33NN	33NN
34N		34N	34NN	34NN
35N		35N	35NN	35NN
36N		36N	36NN	36NN
37N		37N	37NN	37NN
38N		38N	38NN	38NN
39N		39N	39NN	39NN
3AN		3AN	3ANN	3ANN
3BN		3BN	3BNN	3BNN
3CN		3CN	3CNN	3CNN
3DN		3DN	3DNN	3DNN
3EN		3EN	3ENN	3ENN
3FN		3FN	3FNN	3FNN
40N		40N	40NN	40NN
41N		41N	41NN	41NN
42N		42N	42NN	42NN
43N		43N	43NN	43NN
44N		44N	44NN	44NN
45N		45N	45NN	45NN
46N		46N	46NN	46NN
47N		47N	47NN	47NN
48N		48N	48NN	48NN
49N		49N	49NN	49NN
4AN		4AN	4ANN	4ANN
4BN		4BN	4BNN	4BNN
4CN		4CN	4CNN	4CNN
4DN		4DN	4DNN	4DNN
4EN		4EN	4ENN	4ENN
4FN		4FN	4FNN	4FNN
50N		50N	50NN	50NN

10

36

40

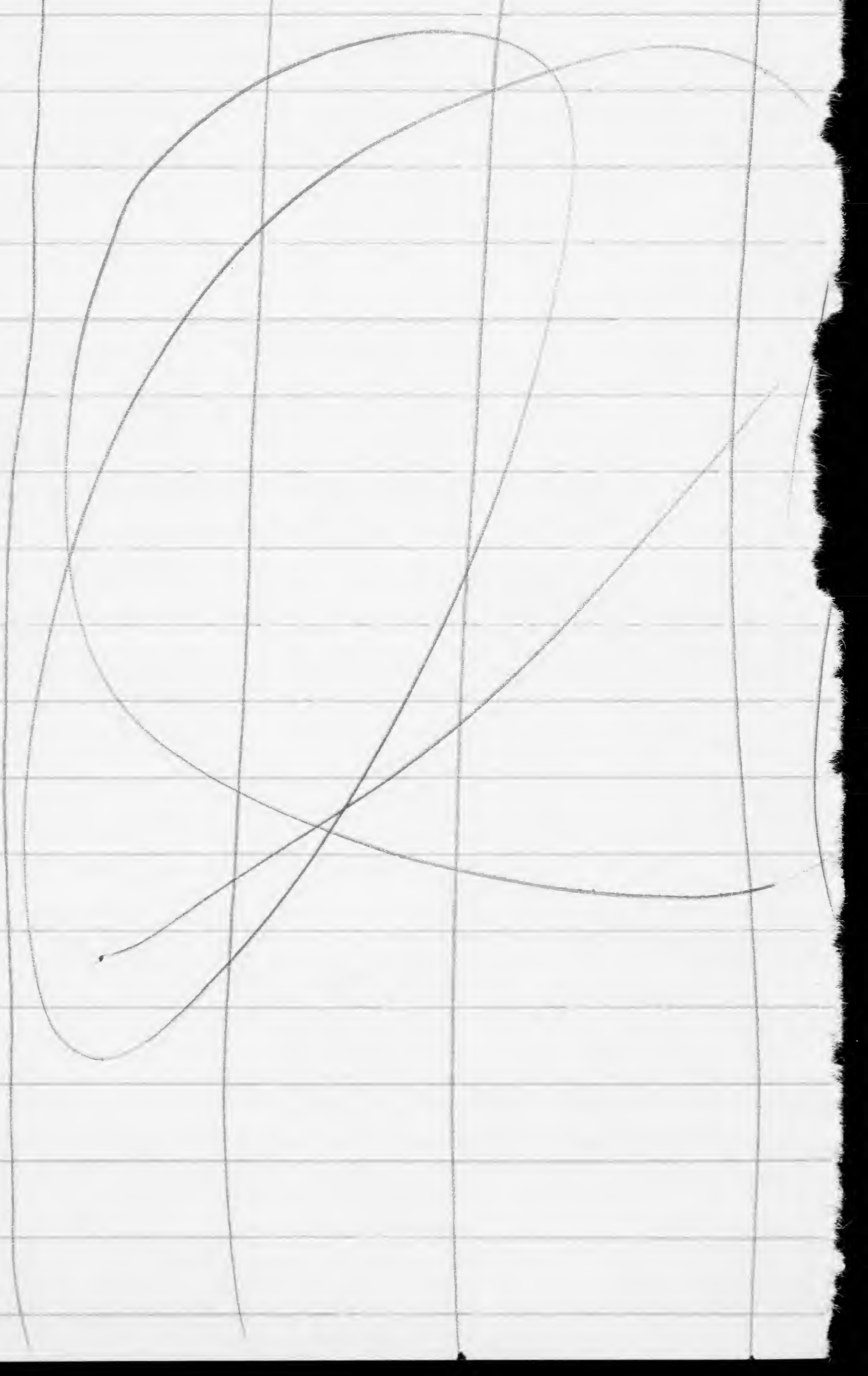
136

→ RFB

LDC	Imm	Birds

Psm 1 E

Ch. 120 | 30 f 40 f



50 | 60 | 70 | 2.90

Soay ♂

Ch. H 36 days
10 1.1.5

10 Chicks

20 - 50,000 Rotten Eggs

GB Tern

Chick 80+ days

10-30-58

100 Nests all Chicks

Blue-face B

02E

RFB Returns

757-[redacted]9648 MDC

Great Frigate

100 Birds No Nests

Wedge tail

No Eggs found
Estimate

F.C. Thompson

16 May 1967

[redacted]

MOKU MANU

Returns

INC	WG	
HHH	1 E Nat	737-4/36 05 AR 10-05
HHH	HH	
HHH	WOC	299
HHH	1	767-350 Splitwk-INC
HHH	6	767-4 8 36 9 INC
HHH		
HHH		
1		
41		

RED

iE	iDC	imDC	yCC
76	60	22	0

INP

DBhre

1

SUA

4

Dm

1111

9 0

15

IWC

11

2

B5

1E	2E	3DC	4MC	1LC
5	6	5	13	4

1

BFB

GADs.

5T

- large scale nest failure
- only about 1000 chicks alive - 150,000 rotten eggs
50,000 Dead chicks

X indicates chick killed for gross serum samp

Species		Status	Sex
1 294	NF B	INC	M
2 95	D	IC	—
3 96		INC	M
9 97		IE	—
5 98		IE	M
6 99		IE	F
7 300		ISD x1	F
8 301		IE	F
9 302	Sm	ISD	M
10 303	M	ISD	M
1 04		INC	M
2 05	Sm	ISD *2x	M
3 06	D	IE	—
4 07	Sm	INC	M
5 08	Sm	INC	F
6 09	M	IE	F
7 10	D	INC	M
8 12	Sm	~~INC~~ IE	M
9 13	Puff	~~IE~~ IDC	F
30 314	D	INC	—

all LP except noted

BOND

767-53201

202

03

04

05

06

07

08

FBI 757-60789

09

10

11

12

767-50399

14 ~~762-53201~~

16

15

18

19

20

INT

	Species	Status	Sex
21	H 314	INC	M
2	H 316	IE	F
3	H 17	IE	F
9	D 18	INC	F
5	H 19	IMC 4x	F
6	H 20	IMC 5x	M
7	S 21	ISD	F
8	H 22	IE	M
9	D 23	INC	F
20	H 324	IE	—
1	D 25	IE	—
2	Gu 26	IDC	F
3	H 27	IE	F
4	D 28	IE	F
5	P 29	INC	F
6	Gu 30	INC	F
7	Gu 31	IDC	F
8	H 32	IE	M
9	S 33	IE	F
40	D 334	ISDC	F

decrease all following sera sample numbers by 1

B&M
-13
-17
-21
-23
-24
-25
-26
737 - 45051
-27
-28
-29
-30
-31
-32
B&M 45015 - 33
↳ 737 - 45015
-34
-35
-36
737-45017

- 7yo without Parents

41	33	M	1 MC	M
2	36	Sm	1 SDC	F
3	37	H	1 E	M
4	38	Sm	1 SDC	M
5	39	H	1 E	M
6	40	D	1 NC	F
7	41	S	1 E	F
8	42	D	1 SDC ~~PE Complement~~	M
9	43	S	1 NC	M
50	344	H	1 SDC	M
1	45	S	1 SDC	F
2	46	~~H~~ S	R	~~F~~ M
3	47	S	1 SDC	M
4	48	D	1 SDC	—
5	49	H	1 SDC	F
6	50	D	1 SDC	F
7	51	D	1 SDC SY	F
8	52	Sm	1 SDC	M
9	53	Sm	1 NC	M
60	354	D	1 NC	F

737-45014

←

- 39
- 38
- 37
- 40
- 41

43
-:47
- 44
- 46
- 48
767 - 47103
- 49
737-45016
- 50
- 51
737 - 45086
- 52
- 53

		MD			
1	35	M	1E		M
2	36	S	1SDC	(9X)	F
3	57	D	1E		
4	58	M	1MC	(10X)	M
5	59	D	1E		F
6	60	S	1MC	(11X)	M
7	61	D	1SDC		M
8	62	S	1SDC		F
9	63	S	1SDC		M
10	364	S	1SDC		M
1	65	D	1E		F
2	66	H	1MC	(12X)	F
3	67	H.	1MC	(13X)	F
4	68	D	1E		F
5	69	S	1SDC	(14X)	F
6	70	S	R		M
7	71	D	1SDC		M
8	72	S	1MC	(15X)	F
9	73	S	1SDC		M
10	374	D	1E		F

-55

737-45029

-57

737-45008 -~~58~~

56

-59

-54

-60

-61

-62

-63

-64

-65

-66

-67

-68

-69

-70

-71

20x 16x Im parents died →

81	3 7 5 D	1E	—
2	1 8 D	1E	M
3	7 8 H	INC	M
4	7 8 S	INC	F
5	7 8 S	IE	M
6	8 0 D	15DC	
7	8 1 S	IE	M
8	8 3 S	15DC	F
9	8 4 D	15DC	F
90	3 4 H	15DC	F
1	8 5 S	15DC	M
2	8 6 S	R	SMA
3	8 7 D	R	SMA
4	8 8 H	IE	M
5	8 9 D	15DC 17x	F
6	9 0 H	IE	—
7	9 1 S	IE	F
8	9 2 D	IE	M
9	9 3 S	15DC 18x	F
100	3 9 4 H	IMC 19x	F

-72
-73
-75
-74
-79
-76
-77
-78
-80
-81
-82
-83
-84
-85
- Red
-87
-86
-88
-89
-90

INT

10	1395	S	BP	P
2	96	a	R	
3	97	d	r	
4	98	d	r	
5	99	s	R	
6	400	D	r	
7	01	S	r	
8	02	D	B	
9	03	S	r	
10	4~~04~~05	S	r	
	1	D	r	
	2	S	B	
	3	D	r	
	4	S	R	
	5	H	R	
	6	S	r	
	7	M	D	
	8	S	B	
	9	S	R	
12	4~~13~~14	D	R	

R

in

		ST	BP	P
12	16	Sm	F	M
2	17	M	B	
3	18	Sm	S	
4	19	D	R	
5	20	Sm	R	
6	20	Sm	F	
7	21	M	F	
8	22	M	F	
9	23	D	F	
1	24	Sm	F	
2	25	Sm	B	
3	26	D	F	
4	27	M	F	
5	28	Sm	F	
6	29	Sm	R	
7	30	Sm	R	
8	31	M	None	
9	32	Sm	R	
10	33	D	R	
11	~~34~~ 33	Sm	B	

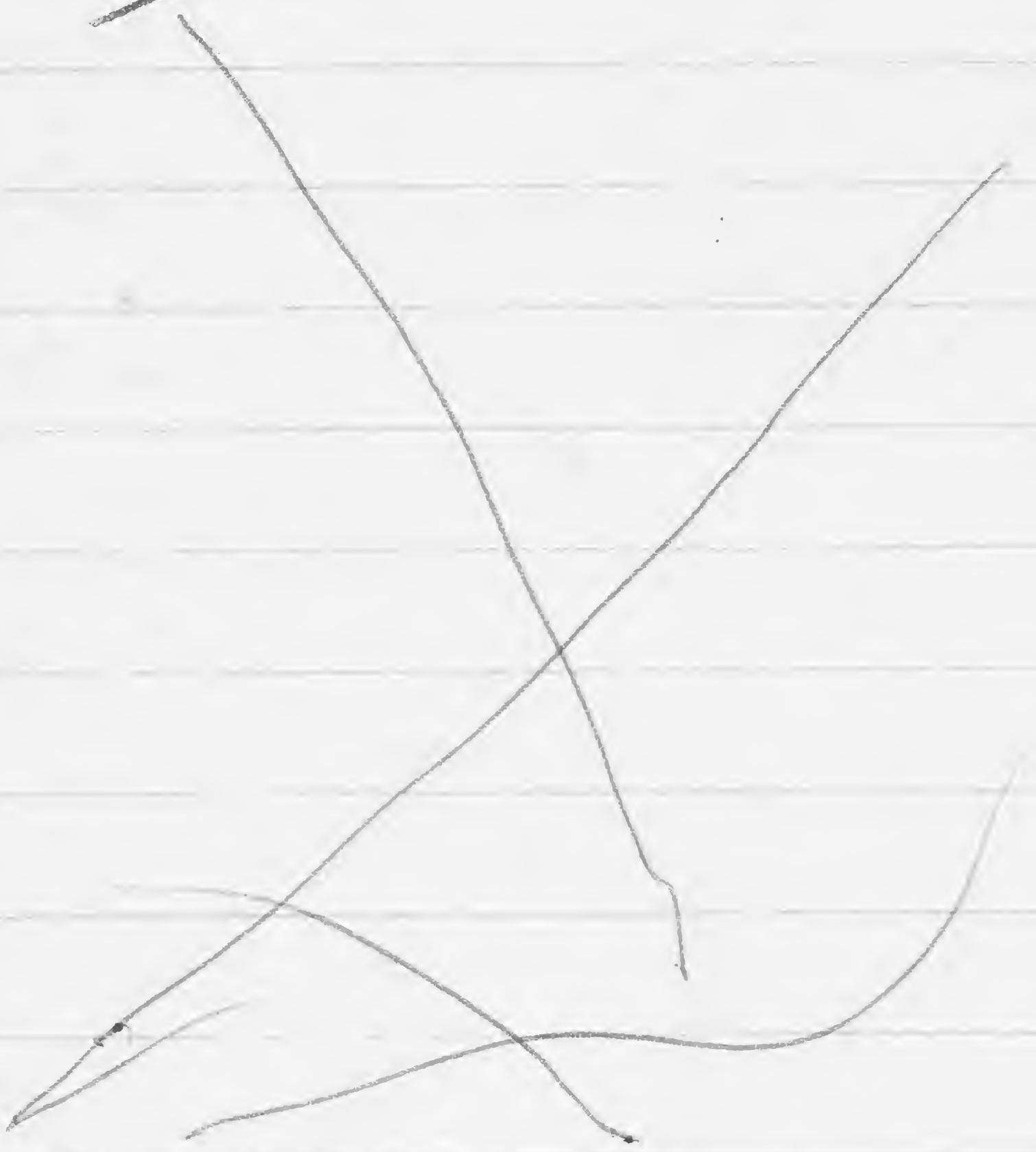
R

n

Great Frigate

				Sep
1	41	3	S	M
2	36	4	H	m
3	37	0	D	M
4	38	5	S	M
5	39	7	D	M
6	40	8	D	M
7	41	9	S	M
8	42	10	H	M
9	43	11	S	M
10	44	12	D	M
1	45	1	D	m
2	46	4	H	m
3	47	5	S	m
4	48	6	S	m
5	49	7	D	m
6	50	8	D	F
7	51	9	H	m
8	52	10	D	m
9	53	11	S	m
10	54	12	D	m

Bladder



181			
2			
3			
4			
5			
6			
7			
8			
9			
190			
1	45	1 LDC	M
2	56	1 SDC	M
3	57	1 MDC	M
4	58		F
5	59	1 MDC	M
6	BB	1 SDC	M F
7	BB	1 E	M F
8	62 BPH	1 1 SDC	M
9	63 BPH	2 1 E	M
200	46 BB	3 2 E	M

Screws

Brown Bobbies

3 pair

- 96
- 97
95
94
- 93
- 92
- 91
- 45
- 42
- 22

X_1

ST returns

773-00245 R

1
2
3
4
5
6
7
8 BKB

737-44/62 $ Rent

737-45073 ✓

45060 ✓ IE

45070 ✓ → Rookery

45096

737 - 94175 ✓

45067 ✓ F-1C

45087 ✓ -F-15DC

45081 ✓ F 15DC

45078 ✓ F 1E

587-80380 R-1 ✓

767 5 3301

1 NC CT
2 1E
3 1E
4 1DC
5 1E
6 1SDC
7 1NC
8 1C
9 ~~1~~ 1SDC
10 1NC
1 1MC
2 1SC
3 1NC
4 1R
5 1E
6 SDC 2 P
7
8 1E
9 1E
10 MDC

21 SPC
2 MC
3 } Austin
4
5
6 INC
7 JMA
8 Austin
9 SDC
30 MDC - M
1 SDC - M
2 SDC - F
3 IE - F
4 INC M
5 IE F
6 Austin F
7 INC F
8 ISDC M
9 IGDC M
40 ISDC - M

737-4462

41 1MTC M
2 1NC M
3 1NC F
4 1NC F
5 Roosting M
6 1NC F
7 1MDC F
8 1C M
9 1NC F
50 1MDC F
1 Roosting M
2 1MC M
3 1SDC F
4 1SDC M
5 1MDC M
6 1MDC M
7 1C F
8 1MDC M
9 Roosting F
60 1MDC M

~~547-80380-R~~

61	Roosting	M
2	"	F
3	"	M
4	LE	- F
5	1 MDC	- F
6	1 MDC	- F
7	1 MDC	- M
8	1 NC	- F
9	1 MDC	- M
70	1 NC	F
1	Roosting	F
2	Roosting	M
3	1 MDC	F
4		
5	1 SDC	F
6	1 NC	F
7	1 MDC	F
8	Roosting	M
9	Roosting	M
80	1 NC	F

78

81	1C	M	
2	(E	F	
3	1E	F	
4	1NC	F	
5	1NC	F	
6			
7	Roosting female		
8	1NC	F	
9	1SDC	F	
90	1SDC	F	
91	1SDC	F	
92	1NC	F	
93	1NC	M	
94	1C	MF	
95	1NC	F	
96	Roosting	Sub	
7	1NC	F	
8	1MDC	F	
9	1SDC	M	
400	1C	M	53400