

LOOE = SPUR E OF BOUY 10 APAL PATCH

- 1 BIG MA
- 2 MA FRAG
- 3 MA FRAG
- 4 MCAD
- 5 NASCM MA CHUNK
- 6 SMALL MA FRAG
- 7 TINY MA FRAG
- 8 " " " "
- 9 NASCM MA CHUNK
- 10 SAND COLONY (INTACT?)
- 11 PILES (TINY) - INTACT
- 12 SAND
- 13 SAND (OVERMINED COLONY)
- 14 MA CHUNK
- 15 SID SQ
- 16 "
- 17 SAND INTACT ON ISLE
- 18 MAGNETIC UNDER ISLE
- 19 OA CHUNK
- 20 SMALL MA AV
- 21 BIG MA AV
- 22 PASS
- 23 MCAD
- 24 SAND
- 25 SAND (SMALL)
- 26 " (NASCM)
- 27 PASS INTACT
- 28 SAND INTACT
- 29 SCAM PLANT
- 30 SCAM PLANT
- 31 SAND INTACT
- 32 235 SAND'S (TINY)

35 ALGERIA 1000 1000
36 APRIL
37 5510 (11111)
38 5510
39 5510
40 1000 1000 1000
41 1000 1000 5510
42 1000
43 1000 5510
44 1000
45 1000
46 1000
47 1000
48 1000
49 1000 1000 1000
50 1000 1000

51 SS OA CHINKS
56 PAIR
57 2700M CHAIR
68 PAIR
59 MYLETO

60 ml mixture of DA
w/ only small isolate



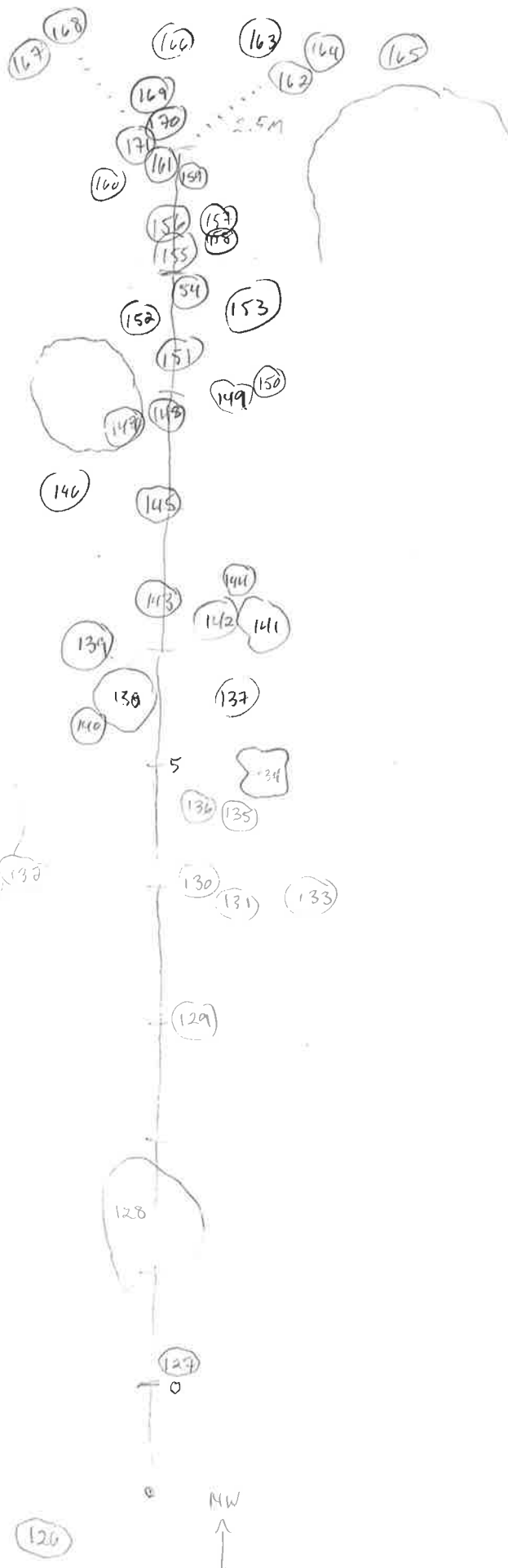
- 61 SMALL CHUNK OA
- 62
- 63 HUGE OFAV W/ SE FACE
CIRCLED OFF
- 64 PAST - INTACT
- 65/66 SMALL OA CHUNKS
- 67 OFAV "PLATE" FRAGMENT
- 68 OA W/ 4-5 LOBES
- 69 " " 12-15 " ALL SIDE
- 70 SMALL INTACT PAST
- 71 OA W/ 7-8 LOBES
- 72 LARGE OFAV
- 73 PAST (INTACT)
- 74 OA CHUNK
- 75 SMALL MCAV (INTACT)
- 76 SMALL INTACT SSID
- 77/78 " "
- 79 MCAV - INTACT
- 80 OFAV
- 81 OA - LOW, W/ BIG LOBES
(INTACT?)
- 82 OA FRAG
- 83 PAST - INTACT
- 84 SSID - INTACT
- 85 BIG DOUBLE LOBF OFAV
- 86 >30cm DSTR - INTACT
- 87-89 SMALL SSID - INTACT
- 90 SMALL PAST - INTACT
- 91 ~20cm DSTR FRAG
- 92 SMALL AGARICIA - INTACT
- 93 PAST - INTACT
- 94 BIG (>30cm) PAST - INTACT
- 95-97 SMALL INTACT SSID
- 98 DLAB - INTACT
- 99 SSID - INTACT
- 100 TINY PAST - INTACT
- 101 " AGARICIA - "
- 102 " " "
- 103 INTACT OFAV
- 104 BIG 2IM OFAV
- 105 PAST - INTACT
- 106 MCAV - INTACT
- 107 SSID "
- 108 BIG OA
- 109 OA FRAG
- 110 "
- 111 "
- 112 "
- 113 "
- 114 "
- 115 "
- 116 TINY "
- 117 OA FRAG
- 118 -> 123 "

Love

JUST W OF
Box #6

- 126 DANN FRAG
- 127 MCAV FRAG
- 128 BLK OFAV COLONY ON SIDE
- 129 MCAV - DISLODGED
- 130 OA FRAG
- 131 "
- 132 MCAV - INTACT
- 133 SBOU
- 134 MCAV - ROUGHED UP
- 135 -1144 SBOU - INTACT
- 136 SMALL PAST - SCRAPED!
- 137 SINT - INTACT
- 138 SMALL MCAV - INTACT (NUM 130)
- 139 " W/ BALD TOP
- 140 MCAV
- 141 GANN
- 142 MCAV
- 143 DANN FRAG ON SIDE
- 144 SMALL PAST (ON 142)
- 145 DLAB
- 146 SMALL PAST
- 147 OFAV ISOLATE & ISIL
DLAD HEAD
- 148 DANN FRAG
- 149 MCAV
- 150 SMALL SBOU
- 151 MCAV
- 152 DLAB
- 153 MCAV
- 154 PAST
- 155 MCAV
- 156 OFAV FRAG
- 157 MCAV ISOLATE
- 158 PAST
- 159 MCAV ISOLATE
- 160 DANN FRAG
- 161 MCAV

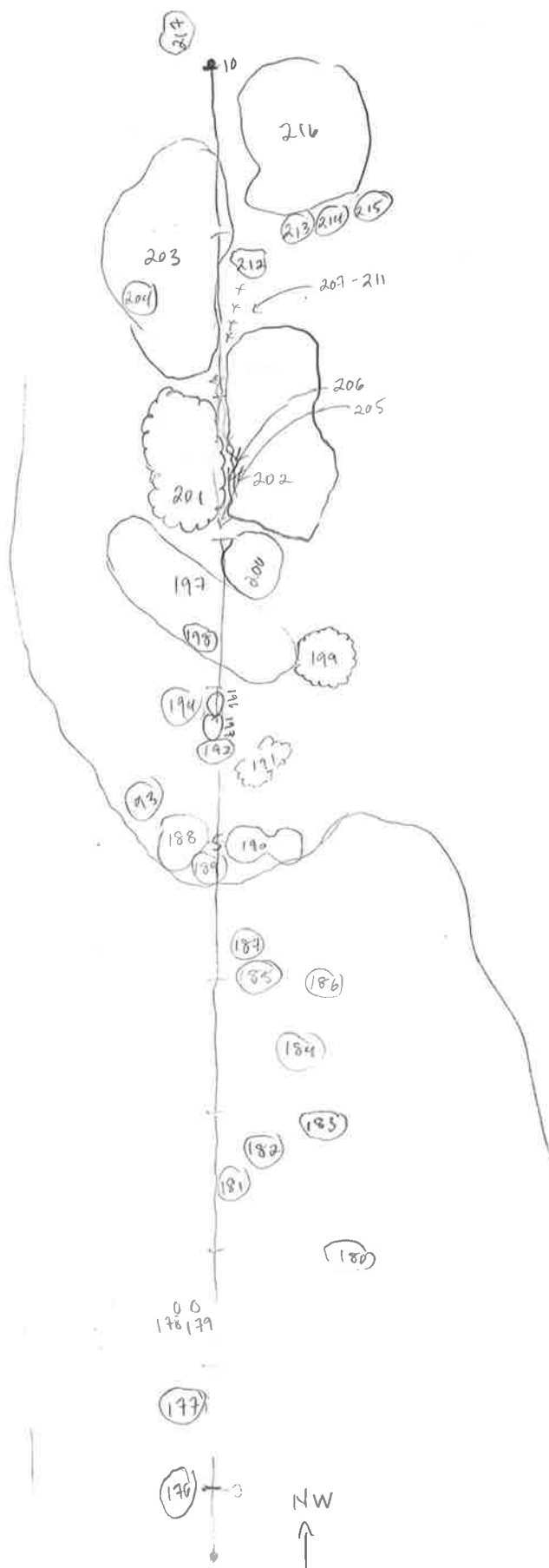
- 162 OAKEN KNAG
163
164 MEAU FILAR
165 GANN FIBERAL
4-5 LICES
166 GANN FILAR
167 "
168 "
169 " IN HOLE
170 OAKV INTACT
(SARILL)



10/24/17

LOOE - BOUY #12

- 176
 226 BIG OA FRAG ON SIDE
 227 SMALL PAST
 228/229 TINY OA FRAGS
 180 LARGE OA FRAG
 181 ~~TINY LOOSE PASTE~~ OA FRAG?
 182 OA FRAG
 183 BIG OA CHUNK w/ SMALL ISOLATES
 184 PAST
 185 OA FRAG
 186 SMALL PAST
 187 TINY PAST
 188 LARGE OFAV
 189 SMALL OFAV AT BASE OF 188
 190 BIG DOUBLE LOBED OFAV
 191 PILE OF PEAR BITS
 192 OANN ON SIDE
 193 PAST
 194 LARGE OFAV
 195 OFAV FRAG
 196 OFAV FRAG
 197 MASSIVE >2M OFAV
 198 PAST
 199 LARGE CHAT
 200 " OFAV
 201 " CHAT
 202 " OANN
 203 " OFAV
 204 SMALL ~20M OFAV ON
 LARGER 203
 205 PAST
 206 CHAT
 207 PAST
 208 CHAT
 209 OFAV
 210 OANN FRAG
 211 ALARICIA (INTACT COLONY)
 212 MOAV
 213 "
 214 "
 215 "
 216 LARGE OANN
 217



Looe Key east buoy 10 23 Oct 17 IRMA

NAME:		FRPP CODE:		LATITUDE:		TRANSECT (1/2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y/N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS -	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL	Acropora cervicornis	ACER	
1	Oann	100	55	85	-	10*			All		Acropora palmata	APAL	
2	Oann	25	10	80					All		Diadema antillarum	DANT	
3	Oann	33	25	70					All		Dendogyra cylindrus	DCYL	
4	Mcau	32	20	30					Broken		Colpophyllia natans	CNAT	
5	Oann	40	19	80					All		Agaricia lamarcki	ALAM	
6	Oann	22	17	75					All		Dichocoenia stokesi	DSTO	
7	Oann	18	7	85					Broken		Diploria labyrinthiformis	DLAB	
8	Oann	17	9	90					All		Eusmilia fastigiata	EFAS	
9	Oann	32	20	50					All		Favia fragum	FFRA	
10	10 Ssd	8	3	-							Helioseris cucullata	HCUC	
11	Ppar	5	3	-							Isophyllia spp	ISOP	
12	Ssd	10	4	-							Madracis decactis	MDEC	
13	Alab	55	22	30					All		Madracis formosa	MFOR	
14	Oann	41	23	80		4			All		Madracis auretenra	MAUR	
15	Ssd	3	2	-							Manicina areolata	MARE	
16	Ssd	3	2	-							Meandrina meandrites	MMEA	
17	Ssd	16	7	-							Millepora alcicornis	MALC	
18	Agau	25	5	10							Millepora complanata	MCOM	
19	Oann	23	10	10					All		Montastraea cavernosa	MCAV	
20	Mcau	20	10	70		2					Mussa angulosa	MANG	
21	Mcau	55	45	10							Mycetophyllia spp	MYCE	
22	Past	21	13	10							Oculina sp.	OCUL	
23	Mcau	25	16	5				P			Orbicella annularis	OANN	
24	Sint	11	3	10							Orbicella faveolata	OFAV	
25	Ssd	8	4	-							Orbicella franksi	OFRA	
26	Ssd	25	5	50						Poly	Porites astreoides	PAST	
27	Past	10	7	-							Porites branneri	PBRA	
28	Past	6	3	-							Porites divaricata	PDIV	
29	Mcau	41	2	-							Porites furcata	PFUR	
30	30 Sint	2	3	-					Dislodged after collect		Porites porites	PPOR	
31	Ssd	7	3	-							Pseudodiploria clivosa	PCLI	
32	Ssd	7	3	10						Poly	Pseudodiploria strigosa	PSTR	
33	Ssd	3	2	-							Scolymia spp.	SCOL	
34	Ssd	6	2	-							Siderastrea radians	SRAD	
35	Ssd	3	2	-							Siderastrea siderea	SSID	
36	Ppar	5	3	-							Solenastrea bournoni	SBOU	
37	Agau	3	1	-					Broken		Solenastrea hyades	SHYA	
38	Ssd	4	1	-							Stephanocoenia intersepta	SINT	
39	Ssd	3	1	-							Undaria agaricites	UAGA	
END:	40 Mcau	2	1	-							Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y/N)

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - Local or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME:		FRRP CODE:					LATITUDE:			TRANSECT (1 / 2)			
DATE:		DAY #:					LONGITUDE:			SHARED TRANSECT (Y / N)			
TIME DOWN:		SITE #:					ZONE/STRATUM:			DIVE BUDDY:			
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL	<i>Acropora cervicornis</i>	ACER	
41	SSJ	3	1	-					-		<i>Acropora palmata</i>	APAL	
42	SSJ	3	1	-					-		<i>Diadema antillarum</i>	DANT	
43	SSJ	2	1	-					-		<i>Dendogyra cylindrus</i>	DCYL	
45	SSJ	5	1						-		<i>Colpophyllia natans</i>	CNAT	
46	SSJ	9	3	50		3			-		<i>Agaricia lamarcki</i>	ALAM	
47	SSJ	7	2	-					-		<i>Dichocoenia stokesi</i>	DSTO	
48	D-Fav	120	155	30					-		<i>Diploria labyrinthiformis</i>	DLAB	
49	Past	100	95	95		15			-		<i>Eusmilia fastigiata</i>	EFAS	
50	Dann	30	17	90		-			0, B		<i>Favia fragum</i>	FFRA	
51	10 Dann	35	10	95		-			0, B		<i>Helioseris cucullata</i>	HCUC	
52	Dann	35	20	50		-			0, B		<i>Isophyllia spp</i>	ISOP	
53	Dann	9	4	20		-			0, B		<i>Madracis decactis</i>	MDEC	
54	Dann	28	12	50		-			0, B		<i>Madracis formosa</i>	MFOR	
55	Dann	38	17	50		-			0, B		<i>Madracis auretenra</i>	MAUR	
56	Past	7	3	-		-			1		<i>Manicina areolata</i>	MARE	
57	Croat	55	30						-		<i>Meandrina meandrites</i>	MMEA	
58	Past	11	3	10		-			-		<i>Millepora alcicornis</i>	MALC	
59	Myt	12	5	60		-			-		<i>Millepora complanata</i>	MCOM	
60	Dann	55	40	50		3			0, B		<i>Montastraea cavernosa</i>	MCAV	
61	20 Dann	10	10	10					0, B		<i>Mussa angulosa</i>	MANG	
62	Dann	10	8	20					-		<i>Mycetophyllia spp</i>	MYCE	
63	D-Fav	250	175	25		4			-		<i>Oculina sp.</i>	OCUL	
64	Past	10	8	5					-		<i>Orbicella annularis</i>	OANN	
65	Dann	20	15	20					0, B		<i>Orbicella faveolata</i>	OFAV	
66	Dann	15	15	10					0, B		<i>Orbicella franksi</i>	OFRA	
67	D-Fav	25	10						0, B		<i>Porites astreoides</i>	PAST	
68	Dann	31	25	50					-		<i>Porites branneri</i>	PBRA	
69	Dann	55	40	65					0, B		<i>Porites divaricata</i>	PDIV	
70	Past	11	4	-					-		<i>Porites furcata</i>	PFUR	
71	30 Dann	33	45	80					-		<i>Porites porites</i>	PPOR	
72	D-Fav	120	100	20					-		<i>Pseudodiploria clivosa</i>	PCLI	
73	Past	17	9	10					-		<i>Pseudodiploria strigosa</i>	PSTR	
74	Dann	31	20	50					0, B		<i>Scolymia spp.</i>	SCOL	
75	Past	10	5	-					-		<i>Siderastrea radians</i>	SRAD	
76	SSJ	13	6	-					-		<i>Siderastrea siderea</i>	SSID	
77	SSJ	5	3	-					-		<i>Solenastrea bournoni</i>	SBOU	
78	SSJ	11	2						-		<i>Solenastrea hyades</i>	SHYA	
79	Past	33	30	10				P	-		<i>Stephanocoenia intersepta</i>	SINT	
80	D-Fav	80	80	70		10			-		<i>Undaria agaricites</i>	UAGA	
END:	40 Dann	100	45	70		10 +			-		Unidentified coral	UNHC	

81 Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

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NAME: SL		FRRP CODE:		LATITUDE:		TRANSECT (1/2)							
DATE: 8/24		DAY #: 1/2		LONGITUDE:		SHARED TRANSECT (Y/N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL	Acropora cervicornis	ACER	
60	Dann	25	10	20					0.8		Acropora palmata	APAL	
63	Past	10	5					P			Diadema antillarum	DANT	
64	Ssp	10	5	5					A		Dendogyra cylindrus	DCYL	
65	OFav	200	100	20		5			A		Colphophyllia natans	CNAT	
66	Pst	40	30	10					A		Agaricia lamarcki	ALAM	
67	Ssp	6	1					P			Dichocoenia stokesi	DSTO	
68	Sad	10	1								Diploria labyrinthiformis	DLAB	
69	Ssp	7	3					P			Eusmilia fastigiata	EFAS	
70	Past	10	5	10							Favia fragum	FFRA	
71	10 Pst	23	2	10							Helioseris cucullata	HCUC	
72	Agar	10	7	10		2					Isophyllia spp	ISOP	
73	Past	15	10	30		2					Madracis decactis	MDEC	
74	Past	33	30	40		4					Madracis formosa	MFOR	
75	Ssp	8	1								Madracis auretenra	MAJR	
76	Ssp	5	1								Manicina areolata	MARE	
77	Sad	5	1								Meandrina meundrites	MMEA	
78	Alab	19	9								Millepora alcicornis	MALC	
79	Sad	11	2					P			Millepora complanata	MCOM	
80	Past	3	2								Montastraea cavernosa	MLAV	
81	20 Agar	5	2								Mussa angulosa	MANG	
82	Agar	10	5					P			Mycetophyllia spp	MYCE	
83	Pst	45	40	50		5			A		Orbicella annularis	OANN	
84	Pst	200	130	20		3			A		Orbicella faveolata	OFAV	
85	Pst	20	17	50							Orbicella franksi	OFRA	
86	M. ann	74	20	10							Porites astreoides	PAST	
87	Ssp	11	3	10						Paly	Porites branneri	PBRA	
88	OFav	200	100	75		10					Porites divaricata	PDIV	
109	OANN	20	8	60					ALL		Porites furcata	PFUR	
110	OANN	20	10	10					ALL		Porites porites	PPOR	
111	30 11			90		3			ALL		Pseudodiploria clivosa	PCLI	
112	"	10	5	45					ALL		Pseudodiploria strigosa	PSTI	
113	OFAV	18	15	55					ALL		Scolymia spp.	SCOL	
114	OANN	13	10	85					ALL		Siderastrea radians	SRAD	
115	"	25	22	85					ALL		Siderastrea siderea	SSID	
116	"	19	11	97		2			ALL		Solenastrea bournoni	SBOU	
117	OFAV	20	20	70					A		Solenastrea hyades	SHYA	
118	OFAV	15	12	50					A		Stephanocoenia intersepta	SINT	
119	"	22	12	35					A		Undaria agarites	UAGA	
120	"	30	21	70		10			A		Unidentified coral	UNHC	
END:	40	18	8	20					A				

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y/N)

122 11 25 13 20
123 OFANN 50 45 96
124 11 15 10 80

A
A
A

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DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL			
	SSID	10	4								Acropora cervicornis	ACER	
	SSID	2	1								Acropora palmata	APAL	
	"	8	1								Diadema antillarum	DANT	
											Dendogyra cylindrus	DCYL	
126	OANN	28	12	35					All		Colpophyllia natans	CNAT	
127	MCAV	38	35	35					All		Agaricia lamarcki	ALAM	
	SSID	3	1								Dichocoenia stokesi	DSTO	
128	OFAY	130	100	30					All		Diploria labyrinthiformis	DLAB	
	SSID	6	1								Eusmilia fastigiata	EFAS	
	"	11	2								Favia fragum	FFRA	
129	10 MCAV	45	40	50				P	All		Helioseris cucullata	HCUC	
130	OANN	25	40	90					All		Isophyllia spp	ISOP	
131	"	12	30	50					All		Madracis decactis	MDEC	
	SSID	12	3								Madracis formosa	MFOR	
	"	12	4								Madracis auretenra	MAUR	
133	SSID	8	5								Manicina areolata	MARE	
132	MCAV	50	20	20							Meandrina meandrites	MMEA	
	"	80	75	50		10					Millepora alcicornis	MALC	
135	"	4	2						A		Millepora complanata	MCOM	
	SINT	1						P	A		Montastraea cavernosa	MCAV	
137	20 SSINI	8	1					P			Mussa angulosa	MANG	
	SSID	2	1								Mycetophyllia spp	MYCE	
138	MCAV	70	60	55				P	A		Oculina sp.	OCUL	
139	"	65	87	40		2			A		Orbicella annularis	OANN	
140	MCAV	40	25	25					A		Orbicella faveolata	OFAY	
141	OANN	70	60	35				P	A		Orbicella franksi	OFRA	
142	MCAV	90	45	50				P	All		Porites astreoides	PAST	
143	OANN	40	40	60					All		Porites branneri	PBRA	
144	PAST	10	10	40					A		Porites divaricata	PDIV	
145	DIAP	70	60	70		2		P	All		Porites furcata	PFUR	
146	30 PAST	8	6					P	A		Porites porites	PPOR	
	SSID	10	5								Pseudodiploria clivosa	PCLI	
147	OFAY	150	90	95		3					Pseudodiploria strigosa	PSTR	
148	OANN	30	40	50					All		Scolymia spp.	SCOL	
149	MCAV	95	70	85		2			All		Siderastrea radians	SRAD	
150	SSID	2	1								Siderastrea siderea	SSID	
	SSID	6	3								Solenastrea bournoni	SBOU	
	SSID	8	1								Solenastrea hyades	SHYA	
	"	22	12								Stephanocoenia intersepta	SINT	
151	MCAV	100	70	75		3			A		Undaria agaricitis	UAGA	
END:	40 DIAB	22	15	30							Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - focal or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME:		FRRP CODE:		LATITUDE:		TRANSECT (1/2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y/N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS -	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL			
153	MCAV	105	45	70		3		P	A		<i>Acropora cervicornis</i>	ACER	
154	PAST	15	3						-		<i>Acropora palmata</i>	APAL	
155	MCAV	110	40	40		2			A		<i>Diadema antillarum</i>	DANT	
	SSID	2	1						-		<i>Dendogrya cylindrus</i>	DCYL	
156	MCAV	55	15	45					All		<i>Colpophyllia natans</i>	CNAT	
157	MCAV	20	12	75					-		<i>Agaricia lamarcki</i>	ALAM	
158	SINT	4	1					P	SEP		<i>Dichocoenia stokesi</i>	DSTO	
159	MCAV	40	25								<i>Diploria labyrinthiformis</i>	DLAB	
	SSID	12	8								<i>Eusmilia fastigiata</i>	EFAS	
160	10 OFAV	18	20	70					All		<i>Favia fragum</i>	FFRA	
161	MCAV	70	40	75		2		P	A/sep		<i>Helioseris cucullata</i>	HCUC	
162	OFAV	5	15	90					all		<i>Isophyllia spp</i>	ISOP	
163	OFAV	25	10	50					all		<i>Madracis decactis</i>	MDEC	
164	OFAV	30	10	70				P	all		<i>Madracis formosa</i>	MFOR	
165	OFAV	30	50	55		2			all		<i>Madracis auretenra</i>	MAUR	
166	OANN	30	22	40					all		<i>Manicina areolata</i>	MARE	
167		30	20	40					all		<i>Meandrina meandrites</i>	MMEA	
168		10	20	50					all		<i>Millepora alcicornis</i>	MALC	
169	OANN	30	20	40					all		<i>Millepora complanata</i>	MCOM	
170	20 OFAV	12	2						-		<i>Millepora complanata</i>	MCOM	
171	OFAV	30	20	5					-		<i>Montastraea cavernosa</i>	MCAV	
											<i>Mussa angulosa</i>	MANG	
											<i>Mycetophyllia spp</i>	MYCE	
											<i>Oculina sp.</i>	OCUL	
											<i>Orbicella annularis</i>	OANN	
											<i>Orbicella faveolata</i>	OFAV	
											<i>Orbicella franksi</i>	OFRA	
											<i>Porites astreoides</i>	PAST	
											<i>Porites branneri</i>	PBRA	
											<i>Porites divaricata</i>	PDIV	
											<i>Porites furcata</i>	PFUR	
30											<i>Porites porites</i>	PPOR	
											<i>Pseudodiploria clivosa</i>	PCLI	
											<i>Pseudodiploria strigosa</i>	PSTR	
											<i>Scolymia spp.</i>	SCOL	
											<i>Siderastrea radians</i>	SRAD	
											<i>Siderastrea siderea</i>	SSID	
											<i>Solenastrea bournoni</i>	SBOU	
											<i>Solenastrea hyades</i>	SHYA	
											<i>Stephanocoenia intersepta</i>	SINT	
											<i>Undaria agaricites</i>	UAGA	
END:	40										Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y/N)

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - Local or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME:		FRP CODE:		LATITUDE:		TRANSECT (1 / 2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
		3 BVDY12											
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL	<i>Acropora cervicornis</i>	ACER	
176	01AV	80	85	100					all		<i>Acropora palmata</i>	APAL	
177		7	1					P	all		<i>Diadema antillarum</i>	DANT	
		1	1								<i>Dendogyra cylindrus</i>	DCYL	
178		20	7	75					all		<i>Colpophyllia natans</i>	CNAT	
	SSID	4	2								<i>Agaricia lamarcki</i>	ALAM	
179	01ANN	12	2	80					all		<i>Dichocoenia stokesi</i>	DSTO	
180	01AV	60	22	15					all		<i>Diploria labyrinthiformis</i>	DLAB	
181	PPOX	5	8	35				P	all		<i>Eusmilia fastigiata</i>	EFAS	
182	01AV	22	25	60					all		<i>Favia fragum</i>	FFRA	
	10-3-30	10	2								<i>Helioseris cucullata</i>	HCUC	
	011	6	1								<i>Isophyllia spp</i>	ISOP	
			1								<i>Madracis decactis</i>	MDEC	
183	01AV	30	30	75				P	all		<i>Madracis formosa</i>	MFOR	
184	PAST	20	2								<i>Madracis auretenra</i>	MAUR	
185	01AV	25	13	10				P	all		<i>Manicina areolata</i>	MARE	
186	PAST	6	2								<i>Meandrina meandrites</i>	MMEA	
187	PAST	2	1								<i>Millepora alcicornis</i>	MALC	
											<i>Millepora complanata</i>	MCOM	
188	01AV	100	80	15					-		<i>Montastraea cavernosa</i>	MCAV	
189	20 11	20	22	5					-		<i>Mussa angulosa</i>	MANG	
190	11	180	90	75		6		P	-		<i>Mycetophyllia spp</i>	MYCE	
191	PPOX	40	15	10	20				all		<i>Oculina sp.</i>	OCUL	
192	01ANN	60	35	80							<i>Orbicella annularis</i>	OANN	
193	PAST	10	30	40		2			-		<i>Orbicella faveolata</i>	OFAV	
194	01AV	100	105	30		3			-		<i>Orbicella franksi</i>	OFRA	
195	11	22	8								<i>Porites astreoides</i>	PAST	
196	11	20	2						-		<i>Porites branneri</i>	PBRA	
197	11	210	130	30				P	-		<i>Porites divaricata</i>	PDIV	
198	PAST	20	10	5					-		<i>Porites furcata</i>	PFUR	
199	30 CNAT	85	90	10					-		<i>Porites porites</i>	PPOR	
200	01AV	115	105	30					-		<i>Pseudodiploria clivosa</i>	PCLI	
201	CNAT	105	85	10				P	-		<i>Pseudodiploria strigosa</i>	PSTR	
202	01ANN	190	110	30							<i>Scolymia spp.</i>	SCOL	
203	01AV	205	105	15							<i>Siderastrea radians</i>	SRAD	
204	01AV	30	10	35							<i>Siderastrea siderea</i>	SSID	
205	PAST	20	2								<i>Solenastrea bournoni</i>	SBOU	
	CNAT	110	10								<i>Solenastrea hyades</i>	SHYA	
	PAST	15	3								<i>Sephanocoenia intersepta</i>	SINT	
206	CNAT	35	15	60					-		<i>Undaria agaricitis</i>	UAGA	
End:	40										Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

sease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - focal or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME:		FRRP CODE:		LATITUDE:		TRANSECT (1 / 2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS -	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL	<i>Acropora cervicornis</i>	ACER	
207	PAST	10	10								<i>Acropora palmata</i>	APAL	
208	CNAT	18	10							POSSIBLE 150% OF 206 25	<i>Diadema antillarum</i>	DANT	
209	OFAV	25	12								<i>Dendogyra cylindrus</i>	DCYL	
210	OAHN	15	10	80		2			FRAG		<i>Colpophyllia natans</i>	CNAT	
211	AGARICIA	25	10								<i>Agaricia lamarcki</i>	ALAM	
212	MCAV	27	12								<i>Dichocoenia stokesi</i>	DSTO	
213	MCAV	43	18	10							<i>Diploria labyrinthiformis</i>	DLAB	
214	MCAV	52	29								<i>Eusmilia fastigiata</i>	EFAS	
215	MCAV	29	15								<i>Favia fragum</i>	FFRA	
216	10 OAHN	105	105	35							<i>Helioseris cucullata</i>	HCUC	
217	OAHN	45	55	15							<i>Isophyllia spp</i>	ISOP	
											<i>Madracis decactis</i>	MDEC	
											<i>Madracis formosa</i>	MFOR	
											<i>Madracis auretenra</i>	MAUR	
											<i>Manicina areolata</i>	MARE	
											<i>Meandrina meandrites</i>	MMEA	
											<i>Millepora alcicornis</i>	MALC	
											<i>Millepora complanata</i>	MCOM	
											<i>Montastraea cavernosa</i>	MCAV	
20											<i>Mussa angulosa</i>	MANG	
											<i>Mycetophyllia spp</i>	MYCE	
											<i>Oculina sp.</i>	OCUL	
											<i>Orbicella annularis</i>	OANN	
											<i>Orbicella faveolata</i>	OFAV	
											<i>Orbicella franksi</i>	OFRA	
											<i>Porites astreoides</i>	PAST	
											<i>Porites branneri</i>	PBRA	
											<i>Porites divaricata</i>	PDIV	
											<i>Porites furcata</i>	PFUR	
30											<i>Porites porites</i>	PPOR	
											<i>Pseudodiploria clivosa</i>	PCLI	
											<i>Pseudodiploria strigosa</i>	PSTR	
											<i>Scolymia spp.</i>	SCOL	
											<i>Siderastrea radians</i>	SRAD	
											<i>Siderastrea siderea</i>	SSID	
											<i>Solenastrea bournoni</i>	SBOU	
											<i>Solenastrea hyades</i>	SHYA	
											<i>Stephanocoenia intersepta</i>	SINT	
											<i>Undaria agaricites</i>	UAGA	
END:	40										Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

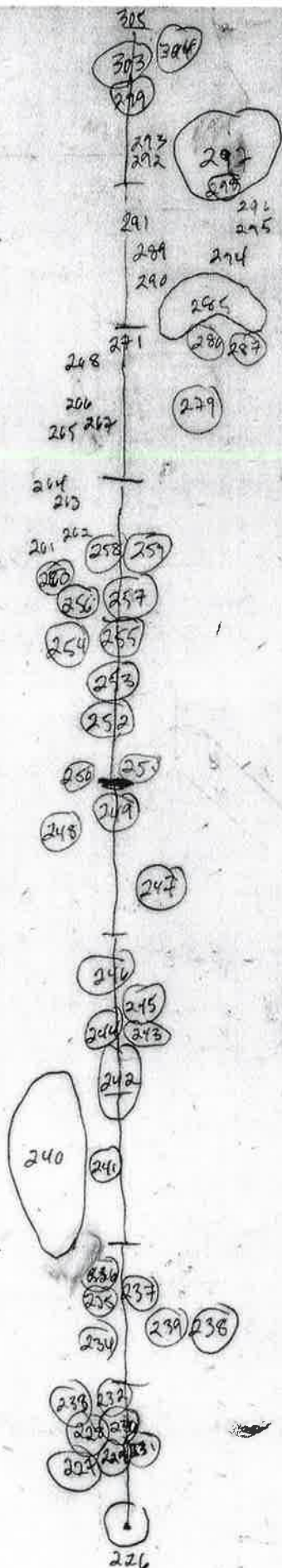
Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - Local or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

10/26/17

(58)

JAPP

TRANSECT #1



22

CAMERA DEAD SRAD!
SS10

COMPASS!

SPONGE

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10/26/17

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JAPP

TRANSECT #1

NAME: <u>58</u>		FRPP CODE:		LATITUDE:		TRANSECT (1/2)							
DATE: <u>10/26/17</u>		DAY #:		LONGITUDE:		SHARED TRANSECT (Y/N)							
TIME DOWN:		SITE #: <u>JAPP #1</u>		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS -	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL			
226	OFAV	75	55	65		5			A		<i>Acropora cervicornis</i>	ACER	
227	OAHN	80	50	45		15			B/D		<i>Acropora palmata</i>	APAL	
228	OFAV	40	32	60							<i>Diadema antillarum</i>	DANT	
229	OFAV	37	39	75					B/D		<i>Dendogyra cylindrus</i>	DCYL	
230	OFAV	57	25	65					B/D		<i>Colophyllia natans</i>	CNAT	
231	PPAR	20	12	100					INTACT		<i>Agaricia lamarcki</i>	ALAM	
232	OAHN	45	39	40%		2					<i>Dichocoenia stokesi</i>	DSTO	
233	OFAV	85	55	85%		15					<i>Diploria labyrinthiformis</i>	DLAB	
234	PAST	25	18	65							<i>Eusmilia fastigiata</i>	EFAS	
235	10 PAST	20	20	30					LOOSE		<i>Favia fragum</i>	FFRA	
236	PAST	10	10						LOOSE		<i>Helioseris cucullata</i>	HCUC	
237	PAST	30	20								<i>Isophyllia spp</i>	ISOP	
238	OAHN	120	50						D/A		<i>Madracis decactis</i>	MDEC	
239	SINT	18	5						INTACT		<i>Madracis formosa</i>	MFOR	
240	OFAV	160	145	80		25			INTACT		<i>Madracis auretenra</i>	MAUR	
241	PAST	15	15						INTACT		<i>Manicina areolata</i>	MARE	
242	PCLI	90	15	30					INTACT		<i>Meandrina meandrites</i>	MMEA	
243	DSTO	12	8	60					"		<i>Millepora alcicornis</i>	MALC	
244	MCAV	50	22	10%					"		<i>Millepora complanata</i>	MCOM	
245	20 MCAV	40	15	45					"		<i>Montastraea cavernosa</i>	MCAV	
246	OAHN	28	12	50					B/D		<i>Mussa angulosa</i>	MANG	
247	MCAV	45	22	10					INTACT		<i>Mycetophyllia spp</i>	MYCE	
248	PAST	50	20						INTACT		<i>Oculina sp.</i>	OCUL	
249	DLAB	12	8					P	INTACT		<i>Orbicella annularis</i>	OANN	
250	PAST	6	6						"		<i>Orbicella faveolata</i>	OFAV	
251	PAST	12	8						"		<i>Orbicella franksi</i>	OFRA	
252	SRAD	10	3						"		<i>Porites astreoides</i>	PAST	
253	PAST	22	10	15					A		<i>Porites branneri</i>	PBRA	
254	PAST	45	21	30					D		<i>Porites divaricata</i>	PDIV	
255	30 PAST	40	25								<i>Porites furcata</i>	PFUR	
256	DGTD	15	10	25					D		<i>Porites porites</i>	PPOR	
257	PAST	20	12	15					INTACT		<i>Pseudodiploria clivosa</i>	PCLI	
258	OFAV	55	40	70					D		<i>Pseudodiploria strigosa</i>	PSTR	
259	PAST	10	10								<i>Scolymia spp.</i>	SCOL	
260	PAST	20	10						D		<i>Siderastrea radians</i>	SRAD	
261	PAST	20	10	15					D		<i>Siderastrea siderea</i>	SSID	
262	MCAV	19	10	30		2			D		<i>Solenastrea bournoni</i>	SBOU	
263	OFAV	10	12	50					D		<i>Solenastrea hyades</i>	SHYA	
264	PAST	15	15						D		<i>Stephanocoenia intersepta</i>	SINT	
END: 265	40 SINT	30	15						D		<i>Undaria agaricites</i>	UAGA	
									D		Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y/N)

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NAME: (133)		FRRP CODE:		LATITUDE:		TRANSECT (1 / 2)							
DATE: 10/26/17		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #: JAPP #1		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL	Acropora cervicornis	ACER	
266	MCAV	15	8	70	10	2			D/A		Acropora palmata	APAL	
267	OFAV	8	3		70				D/B		Diadema antillarum	DANT	
268	OANH	42	25	85		2			LOOSE		Dendogyra cylindrus	DCYL	
269	OANH	10	10					P	LOOSE		Colophyllia natans	CNAT	
270	PAST	10	10		35						Agaricia lamarcki	ALAM	
271	PAST	18	8	60					INTACT		Dichocoenia stokesi	DSTO	
272	PAST	12	12		50				LOOSE		Diploria labyrinthiformis	DLAB	
273	PAST	20	15	60	20						Eusmilia fastigiata	EFAS	
274	OFAV	20	20						D		Favia fragum	FFRA	
275	10 OFAV	10	10						D		Helioseris cucullata	HCUC	
276	OANH	12	8						D		Isophyllia spp	ISOP	
277	PAST	8	8						D		Madracis decactis	MDEC	
278	PAST	10	10						D		Madracis formosa	MFOR	
279	OANH	20	10	90					D		Madracis auretenra	MAUR	
280	OANH	10	20	85					D		Manicina areolata	MARE	
281	OANH	35	25						D		Meandrina meandrites	MMEA	
282	OANH	13	10	30					D		Millepora alcicornis	MALC	
283	OANH	20	12	20	30			C	D		Millepora complanata	MCOM	
284	PAST	18	15	20	10			P	D		Montastraea cavernosa	MCAV	
285	20 OFAV	70	35	50	5	3			A	INTACT	Mussa angulosa	MANG	
286	PAST	20	10						INTACT		Mycetophyllia spp	MYCE	
287	PAST	12	5						"		Oculina sp.	OCUL	
288	PAST	15	10						"		Orbicella annularis	OANN	
289	PAST	40	18						INTACT		Orbicella faveolata	OFAV	
290	PAST	35	15						"		Orbicella franki	OFRA	
291	PAST	30	15						"		Porites astreoides	PAST	
292	SRAD	12	3						INTACT		Porites branneri	PBRA	
293	"	8	2								Porites divaricata	PDIV	
294	"	5	2								Porites furcata	PFUR	
295	30 OFAV	18	5		15			P	D		Porites porites	PPOR	
296	OFAV	40	25						INTACT		Pseudodiploria clivosa	PCLI	
297	PPAR	15	15						D		Pseudodiploria strigosa	PSTR	
298	OFAV	100	100	80		12			INTACT		Scolymia spp.	SCOL	
299	PAST	25	20						"		Siderastrea radians	SRAD	
300	MCAV	10	10	50					D		Siderastrea siderea	SSID	
301	PAST	18	5								Solenastrea bournoni	SBOU	
302	OF.E	42	15	80%							Solenastrea hyades	SHYA	
											Stephanocoenia intersepta	SINT	
											Undaria agaricites	UAGA	
END:	40										Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

sease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - cal or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME: <u>B8</u>		FRRP CODE:		LATITUDE:		TRANSECT (1 / 2)							
DATE: <u>10/26/12</u>		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #: <u>CAPP #1</u>		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL			
303	OFAY	95	55	85		10			INTACT		<i>Acropora cervicornis</i>	ACER	
304	OANN	18	12	35				P	D		<i>Acropora palmata</i>	APAL	
305	OANN	15	10	50				P	D		<i>Diadema antillarum</i>	DANT	
306	OANN	30	18	60		6			D		<i>Dendogyra cylindrus</i>	DCYL	
307	OANN	30	30	50		2			D		<i>Colpophyllia natans</i>	CNAT	
308	OFAY	35	20	65		2			D		<i>Agaricia lamarcki</i>	ALAM	
309	OANN	28	20	50		4			D		<i>Dichocoenia stokesi</i>	DSTO	
310	"	12	8	65		2			D		<i>Diploria labyrinthiformis</i>	DLAB	
311	CHAT	35	12	85		4			D		<i>Eusmilia fastigiata</i>	EFAS	
312	10 PAST	25	20	90		2			D		<i>Favia fragum</i>	FFRA	
313	PAST	35	18	60		3			INTACT		<i>Helioseris cucullata</i>	HCUC	
314	OFAY	100	45	80		15			"		<i>Isophyllia spp</i>	ISOP	
315	PAST	10	10						INTACT		<i>Madracis decactis</i>	MDEC	
316	PAST	15	8						"		<i>Madracis formosa</i>	MFOR	
317	PAST	12	12	10					"		<i>Madracis auretenra</i>	MAUR	
											<i>Manicina areolata</i>	MARE	
											<i>Meandrina meandrites</i>	MMEA	
											<i>Millepora alicornis</i>	MALC	
											<i>Millepora complanata</i>	MCOM	
											<i>Montastraea cavernosa</i>	MCAV	
20											<i>Mussa angulosa</i>	MANG	
											<i>Mycetophyllia spp</i>	MYCE	
											<i>Oculina sp.</i>	OCUL	
											<i>Orbicella annularis</i>	OANN	
											<i>Orbicella faveolata</i>	OFAY	
											<i>Orbicella franksi</i>	OFRA	
											<i>Porites astreoides</i>	PAST	
											<i>Porites branneri</i>	PBRA	
											<i>Porites divaricata</i>	PDIV	
											<i>Porites furcata</i>	PFUR	
30											<i>Porites porites</i>	PPOR	
											<i>Pseudodiploria clivosa</i>	PCLI	
											<i>Pseudodiploria strigosa</i>	PSTR	
											<i>Scolymia spp.</i>	SCOL	
											<i>Siderastrea radians</i>	SRAD	
											<i>Siderastrea siderea</i>	SSID	
											<i>Solenastrea bournoni</i>	SBOU	
											<i>Solenastrea hyades</i>	SHYA	
											<i>Stephanocoenia intersepta</i>	SINT	
											<i>Undaria agaricitis</i>	UAGA	
END:	40										Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - focal or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata; Multifocal subacute TISSUE LOSS

NAME:		FRRP CODE:		LATITUDE:		TRANSECT (1 / 2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN: 12:15		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	M/LC	NB		P			PB			BL			
0-1	25 ft	11	7	-						on LG Rock - 11/2	Acropora cervicornis	ACER	
319	5 ft	3	3	-							Acropora palmata	APAL	
320	Past	12	7	10							Diadema antillarum	DANT	
321	Past	100	10	5							Dendogyra cylindrus	DCYL	
322	Oann	22	38	30					D		Colpophyllia natans	CNAT	
323	Oann	55	20	50		5			D		Agaricia lamarcki	ALAM	
324	Oann	42	35								Dichocoenia stokesi	DSTO	
325	Past	21	9	5					D	Both on	Diploria labyrinthiformis	DLAB	
326	Past	35	10	5					D	movable rock	Eusmilia fastigiata	EFAS	
327	10 Meau	32	12	25		4			D		Favia fragum	FFRA	
328	Meau	41	15	10					-		Helioseris cucullata	HCUC	
329	Oann	40	35	60		3			-		Isophyllia spp	ISOP	
330	Meau	20	7	10					D		Madracis decactis	MDEC	
331	DLab	32	7	10					D		Madracis formosa	MFOR	
332	DLab	35	12	10					D		Madracis auretenra	MAUR	
333	Oann	38	12	50					D, B		Manicina areolata	MARE	
334	Oann	23	8	20					D, B		Meandrina meandrites	MMEA	
335	Pper	8	5	20		2			D, B		Millepora alcicornis	MALC	
336	Pper	7	3	10					D, B		Millepora complanata	MCOM	
337	20 Past	18	7	10					D, B		Montastraea cavernosa	MCAV	
338	Past	9	5	20					D, B		Mussa angulosa	MANG	
339	Oann	20	15	50					D, B		Mycetophyllia spp	MYCE	
340	Past	25	14	20					D, B		Oculina sp.	OCUL	
341	Oann	55	20	80		7			-		Orbicella annularis	OANN	
342	Oann	25	18	20		5			O, B		Orbicella faveolata	OFAV	
343	Past	11	7	-					D	on same	Orbicella franksi	OFRA	
344	Past	15	7	-					D	Dislodged	Porites astreoides	PAST	
345	Oann	23	10	50		3			-		Porites branneri	PBRA	
346	Oann	20	7	-					D, B	Broke entire piece	Porites divaricata	PDIV	
347	30 Oann	50	18	80	5	10			-	mortality from scatter	Porites furcata	PFUR	
348	Poli	10	7	40					D, B		Porites porites	PPOR	
349	Shou	15	9	10					D		Pseudodiploria clivosa	PCLI	
350	Past	6	7	50					O, B		Pseudodiploria strigosa	PSTR	
351	Oann	12	7	5					-		Scolymia spp.	SCOL	
352	Oann	23	12	70		2			D		Siderastrea radians	SRAD	
353	Oann	48	25	40					D		Siderastrea siderea	SSID	
354	Oann	48	25	30		5			-		Solenastrea bournoni	SBOU	
355	Past	18	9	-					-		Solenastrea hyades	SHYA	
356	Past	12	7	30					-		Stephanocoenia intersepta	SINT	
END:	40 Past	10	5						-		Undaria agaricitis	UAGA	
									-		Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y/N)

+ S - on old dead gorg

+ Went S → N on transect

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - Local or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME:		FRP CODE:		LATITUDE:		TRANSECT (1/2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (m)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
ST. RT:	MALC	NB	P				PB			BL			
358	Dann	9	7	80		2					Acropora cervicornis	ACER	
359	Dann	175	90	50		10+					Acropora palmata	APAL	
360	Past	12	7	5				P			Diadema antillarum	DANT	
361	Past	18	7	5	5				0		Dendogyra cylindrus	DCYL	
362	Past	22	7	5					0		Colpophyllia natans	CNAT	
363	Dann	25	8	90		2			0, P		Agaricia lamarcki	ALAM	
364	Dann	40	15	50					0, P		Dichocoenia stokesi	DSTO	
365	Ofav?	58	38	20					0, P		Diploria labyrinthiformis	DLAB	
366	Past	14	7	30					0		Eusmilia fastigiata	EFAS	
367	10 Past	10	3	20					0, B		Favia fragum	FFRA	
368	Dann	18	7		5				0	upside down	Helioseris cucullata	HCUC	
369	Mcur	9	4	20					0, B		Isophyllia spp	ISOP	
370	Past	9	3	20					0		Madracis decactis	MDEC	
371	Dann	35	7	47		5					Madracis formosa	MFOR	
372	Dann	15	9	10					0, B		Madracis auretenra	MAUR	
373	Ofav	58	40	40							Manicina areolata	MARE	
374	Dann	90	75	30		10					Meandrina meandrites	MMEA	
375	Dann	100	75	100		10+					Millepora alcicornis	MALC	
376	Past	25	18	100					0		Millepora complanata	MCOM	
377	20 Dann	50	50	60		10+					Montastraea cavernosa	MCAV	
378	Ofav	18	12	30					0		Mussa angulosa	MANG	
379	Past	17	7	50					0		Mycetophyllia spp	MYCE	
380	Ofav	45	40	60							Oculina sp.	OCUL	
381	Ofav	35	20	30		2			0		Orbicella annularis	OANN	
382	Dann	18	7	50					0, B		Orbicella faveolata	OFAV	
383	Past	32	9	20							Orbicella franksi	OFRA	
384	Dann	78	25	80		10+					Porites astreoides	PAST	
385	Past	23	9								Porites branneri	PBRA	
386	Ofav	50	50	70							Porites divisa	PDIV	
387	30 Dann	22	8	80					0, B		Porites furcata	PFUR	
388	Ofav	45	21	30							Porites porites	PPOR	
389	Ofav	40	30	50					0, B		Pseudodiploria clivosa	PCLI	
390	Past	35	15	20							Pseudodiploria strigosa	PSTR	
391	Dann	45	35	50		10+					Scolymia spp.	SCOL	
392	Dann	25	12	60					0, B		Siderastrea radians	SRAD	
393	Ofav	45	45								Siderastrea siderea	SSID	
394	Ofav	50	50	30							Solenastrea bournoni	SBOU	
395	Dann	40	40	20					0, B		Solenastrea hyades	SHYA	
396	Ofav	45	35								Stephanocoenia intersepta	SINT	
END:	40										Unaria agaricites	UAGA	
											Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y/N)

Ssid 35 15

Ssid 20 10

Ssid 10 2

Ssid 5 2

Ssid 5 2

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a black/red mentous band; YB - Yellow Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - Local or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS

NAME:		FRRP CODE:		LATITUDE:		TRANSECT (1/2)							
DATE: 10/22/17		DAY #:		LONGITUDE:		SHARED TRANSECT (Y/N)							
TIME DOWN: 9:50		SITE #:		ZONE/STRATUM: T-00 Reef		DIVE BUDDY:							
WATER DEPTH (units)	Site Coral Spp. Code (>4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			EL			
0-1 401	Sand	8	3					P			Acropora cervicornis	ACER	
402	Disto	23	20	5					9		Acropora palmata	APAL	
403	Past	9	5	10							Diadema antillarum	DANT	
404	Sand	32	13	30							Dendogyra cylindrus	DCYL	
2-3 405	Disto	11	6								Colpophyllia natans	CNAT	
406	Sand	7	3	10							Agaricia lemaneiformis	ALAM	
	Sand	42	13	50		3					Dichocoenia stokesi	DSTO	
407	Sand	32	13	40							Diploria labyrinthiformis	DLAB	
2-3 408	Poor	11	5	60		3			0-Frag		Eusmilia fastigiata	EFAS	
409	10 Dist	37	15	70		4			0		Favia fragum	FFRA	
410	Sand	5	2						0	on rock	Helioseris cucullata	HCUC	
411	Disto	35	15	30		3			0		Isophyllia spp	ISOP	
412	Disto	12	7	25					0-Frag		Madracis decactis	MDEC	
413	Past	18	7								Madracis formosa	MFOR	
414	Past	12	5						0	on Rock	Madracis auretenra	MAUR	
415	Disto	50	17	80		3			0		Manicina areolata	MARE	
416	Disto	45	40	30							Meandrina meandrites	MMEA	
3-4 417	Past	13	7	20					0	Portion	Millepora alcicornis	MALC	
418	Past	18	6	20					0	same Rock	Millepora complanata	MCOM	
	20 Sand	23	10	50							Montastraea cavernosa	MCAV	
419	Sand	17	15	10					0		Mussa angulosa	MANG	
	Sand	16	7	40					Sed		Mycetophyllia spp	MYCE	
420	Disto	10	7	50					0-Frag		Oculina sp.	OCUL	
421	Past	9	4								Orbicella annularis	OANN	
422	Past	13	7								Orbicella faveolata	OFAV	
423	Disto	23	12	20							Orbicella franksi	OFRA	
424	Disto	120	80	30							Porites astreoides	PAST	
425	Disto	130	100	20							Porites browni	PBRO	
426	Past	13	10	20		5					Porites varicata	PDIV	
427	30 MCAV	25	10								Porites furcata	PFUR	
428	Past	12	10	20							Porites porites	PPOR	
429	MCAV	15	7						0		Pseudodiploria clivosa	PCLI	
430	Past	23	10	5							Pseudodiploria strigosa	PSTR	
431	Disto	15	7	30					0-Frag		Scolymia spp.	SCOL	
432	Past	20	7								Siderastrea radians	SRAD	
433	Past	18	7								Siderastrea siderea	SSID	
434	Disto	10	3								Solenastrea bournoni	SBOU	
435	Past	7	4								Solenastrea hyades	SHYA	
436	Past	20	9								Stephanocoenia intersepta	SINT	
END:	40 Dist	130	120	80		5					Undaria agaricitis	UAGA	
											Undifferentiated coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algae overgrowth. Photos? (Y/N)

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NAME:		FRFP CODE:		LATITUDE:		TRANSECT (1 / 2)							
DATE:		DAY #:		LONGITUDE:		SHARED TRANSECT (Y / N)							
TIME DOWN:		SITE #:		ZONE/STRATUM:		DIVE BUDDY:							
WATER DEPTH (units)	Coral Spp. Code (>=4 cm)	Colony max diam (cm)	Colony Height (cm)	% old mort	% recent mort	# of tissue isolates	Dis- UK, DS, BB, RB, YB, WB, WP, WS	Bleach - P, PB, BL	IMPACTS Abrasion, Dislodged, Broken, Sed Cvr	Comments (major overgrowths, other causes of mortality, UK disease, causes of impacts, debris)	Scientific name	Species Code	Present in site?
START:	MALC	NB		P			PB			BL			
5-6 436	Diag	15	9								Acropora cervicornis	ACER	
439	Past	22	10								Acropora palmata	APAL	
440	Ofav	100	90	20							Diadema antillarum	DANT	
441	Ofav	35	17	10							Dendogyra cylindrus	DCYL	
442	Sint	20	5	5						0-frag	Colpophyllia natans	CNAT	
443	Oann?	20	7	40		4				0-frag	Agaricia lamarcki	ALAM	
	Ss'd	25	5	10				P			Dichocoenia stokesi	DSTO	
444	Past	15	4	5							Diploria labyrinthiformis	DLAB	
445	Menn	7	3								Eusmilia fastigiata	EFAS	
446	10 Per	22	7								Favia fragum	FFRA	
7-8 497	Past	9	7								Helioseris cucullata	HCUC	
498	Past	20	7								Isophyllia spp	ISOP	
499	Past	23	15								Madracis decactis	MDEC	
450	Past	20	15								Madracis formosa	MFOR	
451	Ofav	60	40	20							Madracis auretenra	MAUR	
452	Ofav	23	18	20							Manicina areolata	MARE	
453	Ofav	100	100	50		5				0-frag	Meandrina meandrites	MMEA	
454	Past	20	15	5							Millepora alcicornis	MALC	
455	Past	28	20	10							Millepora complanata	MCOM	
8-9 456	20 Past	10	9								Montastraea cavernosa	MCAV	
457	Past	5	5								Mussa angulosa	MANG	
458	Past	35	10	75							Mycetophyllia spp	MYCE	
459	Past	15	7								Oculina sp.	OCUL	
460	Past	11	7								Orbicella annularis	OANN	
461	Ofav	110	120	75		10					Orbicella faveolata	OFAV	
462	Per	8	5	10							Orbicella franksi	OFRA	
463	Ofav	100	10	50		5					Porites astreoides	PAST	
9-10 464	Ofav	210	120	80		20					Porites branneri	PBRA	
465	Ofav	20	9	50						0-frag	Porites divaricata	PDIV	
466	30 Ofav	28	9	50						0-frag	Porites furcata	PFUR	
	Ss'd	10	10								Porites porites	PPOR	
10-11 467	Ofav	120	100	70							Pseudodiploria clivosa	PCLI	
468	Ofav	9	5								Pseudodiploria strigosa	PSTR	
469	Past	12	7								Scolymia spp.	SCOL	
470	Canat	10	5								Siderastrea radians	SRAD	
471	Past	22	7								Siderastrea siderea	SSID	
472	Ofav	170	120	50		5					Solenastrea bournoni	SBOU	
473	Oann?	100	60	50		10					Solenastrea hyades	SHYA	
474	Ofav	30	45	50						0-frag	Stephanocoenia intersepta	SINT	
END: 475	40 Ofav	20	10							0-frag	Undaria agaricites	UAGA	
											Unidentified coral	UNHC	

Please note any observations of disease outside of your transect (#, species, type of disease) as well as the presence of heavy algal overgrowth. Photos? (Y / N)

476 Oann 45 20 90 2 0-frag

477 Canat 20 10

Disease Definitions: UK - Unknown disease - Please describe in notes section; DS - Dark Spot - Focal or multifocal areas of dark discolored tissue; BB/RB - Black or Red Band - Chronic TISSUE LOSS following a narrow band of yellow tissue; WB - White Band - Acropora sp. - Subacute TISSUE LOSS - Wide band of white coral skeleton; WP - White Plague - Local or multifocal areas of acute TISSUE LOSS (multi sp.); WS - White Spot/Pox or Patchy Necrosis - Acropora palmata - Multifocal subacute TISSUE LOSS