Table 1. Required placement of Florida Fish Excluders (FFE).

Functional	Maximum	Functional	Maximum
Tailbag	FFE	Tailbag	FFE
Length*	Placement**	Length*	Placement**
105 meshes or			
greater	68 meshes	82	53
104	68	81	53
103	67	80	52
102	66	79	51
101	66	78	51
100	65	77	50
99	64	76	49
98	64	75	49
97	63	74	48
96	62	73	47
95	62	72	47
94	61	71	46
93	60	70	46
92	60	69	45
91	59	68	44
90	59	67	44
89	58	66	43
88	57	65	42
87	57	64	42
86	56		
85	55		
84	55		
83	54		

^{*}Functional Tailbag Length – That length of the tailbag of a trawl beginning at the tailbag tie-off and extending forward for a maximum of 105 meshes or to the point where the straight extension ends and the trawl body taper begins, whichever is less. Trawls utilizing short tailbags may include those meshes of the TED extension that are behind the TED grid and are in-line with the center of the FFE escape opening.

^{**}If your tailbag is not included in this Table, you can figure the maximum placement for your net by following the formula: (mesh count multiplied by 65, divided by 100, using a 50 mesh tailbag as an example: (50*65)/100=32.5).

Table 2. Required placement of "SEA EAGLE" Excluders.

Functional	Maximum	Functional	Maximum
Tailbag	"SEA EAGLE"	Tailbag	"SEA EAGLE"
Length*	Placement**	Length*	Placement**
105 meshes or			
greater	40 meshes	82	31
104	40	81	31
103	39	80	30
102	39	79	30
101	38	78	30
100	38	77	29
99	38	76	29
98	37	75	29
97	37	74	28
96	36	73	28
95	36	72	27
94	36	71	27
93	35	70	27
92	35	69	26
91	35	68	26
90	34	67	25
89	34	66	25
88	33	65	25
87	33	64	24
86	33		
85	32		
84	32		
83	32		

^{*}Functional Tailbag Length – That length of the tailbag of a trawl beginning at the tailbag tie-off and extending forward for a maximum of 105 meshes or to the point where the straight extension ends and the trawl body taper begins, whichever is less. Trawls utilizing short tailbags may include those meshes of the TED extension that are behind the TED grid and are in-line with the center of the "SEA EAGLE" escape opening.

^{**}If your tailbag is not included in this Table, you can figure the maximum placement for your net by following the formula: (mesh count multiplied by 38, divided by 100, using a 50 mesh tailbag as an example: (50*38)/100=19).

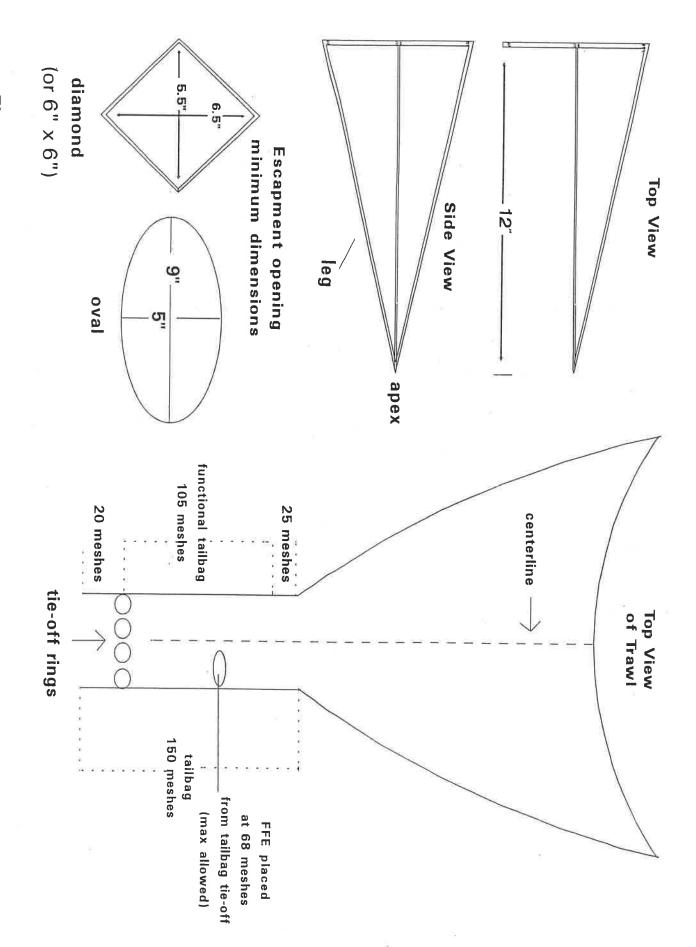
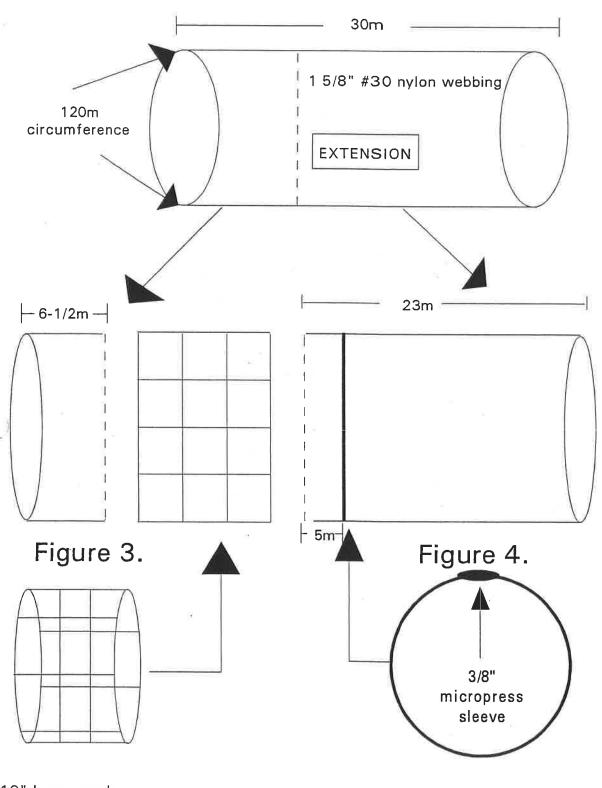


Figure 1. Diagram of Florida Fish Excluder (FFE).

Figure 2.



10" Large mesh

19 meshes (95") by 3 meshes (15")

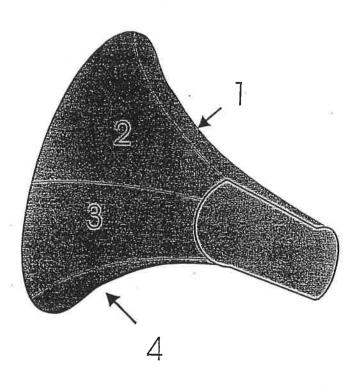
8" Large mesh

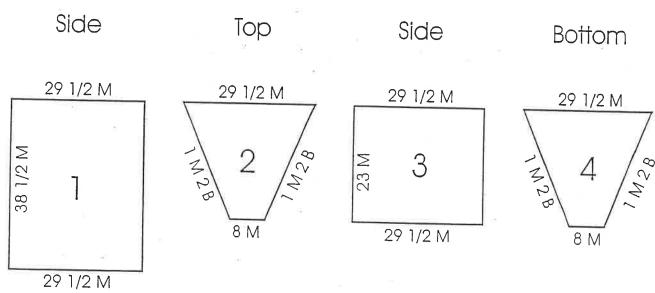
23 meshes (95") by 4 meshes (15")

1/2" plastic coated cable ring circumference 94-1/4"

Figure 5.

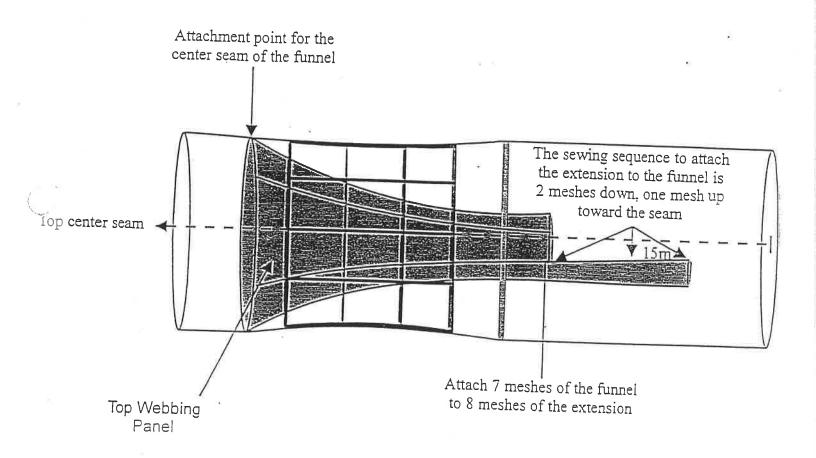
Funnel





Webbing Panels

Top View



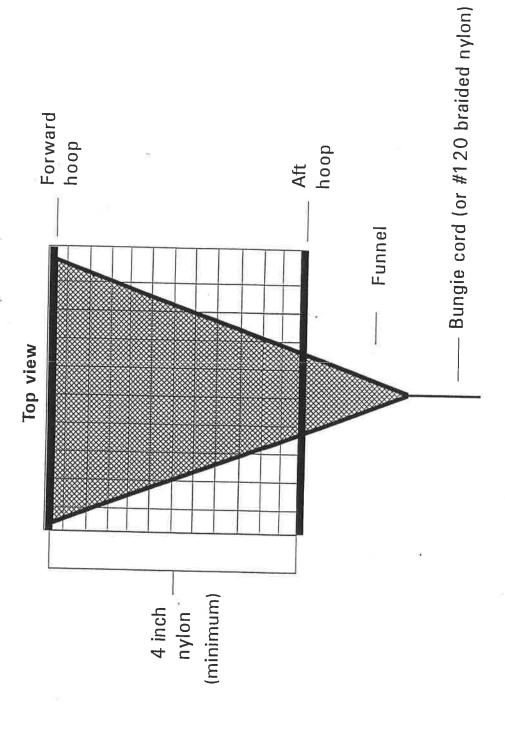


Diagram of the modified large mesh funnel excluder (LMFE). Figure 7.

Figure 8. Various funnel patterns

Figure 8a. NMFS funnel design for large mesh extended funnel excluder.

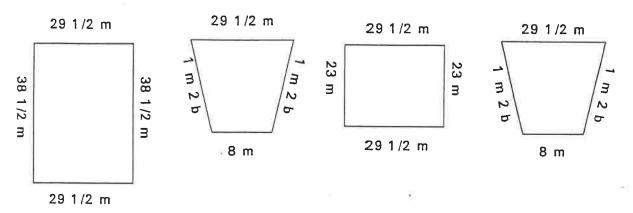
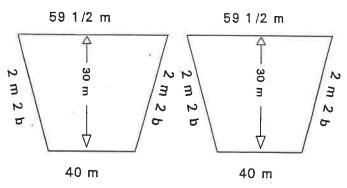
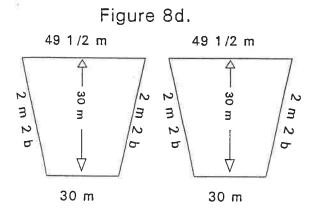


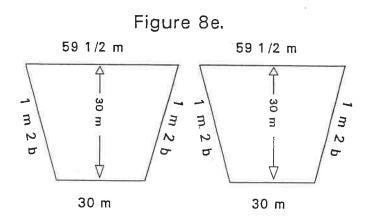
Figure 8b-8e. NCDMF funnel design* for large mesh funnel excluders.

Figure 8b.

Figure 8c.







^{*} one of these four patterns may be used to construct the funnel for the large mesh funnel excluder.