

DATA REPORT ON THE RECOVERIES OF TAGGED SEA SCALLOPS

FROM GEORGES BANK 1957 - 1962

J. A. POSGAY

National Marine Fisheries Service  
Northeast Fisheries Center  
Woods Hole Laboratory  
Woods Hole, Massachusetts 02543

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Signature	<i>J. A. Posgay</i>
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This data report gives the locations at which the tagged sea scallops were released (Table 1), the locations at which they were reported recaptured (Table 2), and a list of all recoveries that were reported recaptured more than 10 miles from the point of release (Table 3). Table 4 gives an annual summary of the recaptures by distance from the point of release and Table 5 gives an annual summary by the direction of apparent movement. Figure 1 shows the locations at which the tagged sea scallops were released and Figure 2 is a reproduction of the reward poster showing the type of tag and its location on the shell. Figures 3 - 6 show the locations at which the tag returns were reported recaptured relative to the points at which they were released.

The reported locations of recapture are those given by the fishermen who turned in the shells and collected the rewards. They can be in error because of faulty navigation, lapses of memory, and in some cases, deliberate deception. Taking them at face value, however, it is apparent that very few (16 percent) were reported more than 10 miles from their point of release (Table 3). Table 5 shows that most of the tagged scallops moved toward the southeast ( $091^{\circ}$ - $180^{\circ}$ ) and the northwest ( $271^{\circ}$ - $360^{\circ}$ ). Navigation charts of the area show that the tidal currents run strongest in these directions.

It is concluded that the swimming movement of individual scallops are most probably random and that any net movement is the result of the tidal currents.

Table 1. List of drop numbers, dates, locations and number of tagged sea scallops released.

<u>Drop No.</u>	<u>Date</u>	<u>No. Released</u>	<u>Location</u>
16	9/22/57	498	41° 52' N 66° 20' W
20	9/23/57	575	41° 51' N 66° 21' W
21	9/23/57	790	41° 51' N 66° 22' W
25	6/23/58	676	41° 56' N 66° 46' W
26	6/22/58	538	42° 07' N 66° 56' W
27	6/23/58	285	42° 09' N 66° 52' W
28	6/23/58	581	42° 07' N 66° 52' W
29	6/23/58	452	42° 08' N 66° 52' W
30	6/21/58	999	41° 43' N 66° 14' W
31	6/23/58	500	41° 26' N 66° 22' W
32	6/23/58	500	41° 28' N 66° 26' W
33	6/24/58	800	41° 30' N 66° 16' W
34	6/23/58	500	41° 33' N 66° 18' W
35	6/23/58	600	41° 26' N 66° 23' W
36	6/23/58	608	41° 30' N 66° 27' W

Table 2. List of individual returns of tagged sea scallops.

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
20	F4954	4151 6621	4156 6626	19.7	7.05	323
20	F4716	4151 6621	4156 6626	19.7	7.05	323
20	F4841	4151 6621	4156 6626	19.7	7.05	323
16	F3108	4152 6620	4150 6619	19.7	1.56	170
16	F3092	4152 6620	4150 6619	19.7	1.56	170
16	F2975	4152 6620	4150 6619	19.7	1.56	170
16	F3295	4152 6620	4150 6619	19.7	1.56	170
16	F3196	4152 6620	4150 6619	19.7	1.56	170
16	F3205	4152 6620	4150 6619	19.7	1.56	170
16	F3085	4152 6620	4150 6619	19.7	1.56	170
16	F3079	4152 6620	4150 6619	19.7	1.56	170
16	F3265	4152 6620	4150 6619	19.7	1.56	170
16	F2978	4152 6620	4150 6619	19.7	1.56	170
16	F3035	4152 6620	4150 6619	19.7	1.56	170
20	F5275	4151 6621	4150 6622	20.0	1.09	257
20	F5095	4151 6621	4150 6622	20.0	1.09	257
20	F4890	4151 6621	4150 6622	20.0	1.09	257
20	F4852	4151 6621	4150 6622	20.0	1.09	257
20	F4742	4151 6621	4150 6622	20.0	1.09	257
20	F4893	4151 6621	4150 6622	20.0	1.09	257
20	F5101	4151 6621	4150 6622	20.0	1.09	257
20	F4732	4151 6621	4150 6622	20.0	1.09	257
20	F4975	4151 6621	4150 6622	20.0	1.09	257
20	F4991	4151 6621	4150 6622	20.0	1.09	257
21	F6536	4151 6622	4150 6622	20.0	.39	234
21	F5638	4151 6622	4150 6622	20.0	.39	234
21	F5619	4151 6622	4150 6622	20.0	.39	234
21	F6040	4151 6622	4150 6622	20.0	.39	234
21	F5639	4151 6622	4150 6622	20.0	.39	234
21	F6553	4151 6622	4150 6622	20.0	.39	234
21	F5406	4151 6622	4150 6622	20.0	.39	234
21	F5355	4151 6622	4150 6622	20.0	.39	234
21	F5368	4151 6622	4150 6622	20.0	.39	234
21	F5325	4151 6622	4150 6622	20.0	.39	234
21	F6417	4151 6622	4150 6622	20.0	.39	234
21	F5312	4151 6622	4150 6622	20.0	.39	234
21	F5472	4151 6622	4150 6622	20.0	.39	234
21	F5670	4151 6622	4150 6622	20.0	.39	234
21	F5428	4151 6622	4150 6622	20.0	.39	234
21	F5475	4151 6622	4150 6622	20.0	.39	234
21	F5301	4151 6622	4150 6622	20.0	.39	234
21	F5388	4151 6622	4150 6622	20.0	.39	234
21	F5563	4151 6622	4150 6622	20.0	.39	234
21	F5557	4151 6622	4150 6622	20.0	.39	234
21	F5453	4151 6622	4150 6622	20.0	.39	234
21	F5601	4151 6622	4150 6622	20.0	.39	234
21	F5336	4151 6622	4150 6622	20.0	.39	234
21	F6170	4151 6622	4150 6622	20.0	.39	234
21	F5326	4151 6622	4150 6622	20.0	.39	234
21	F6179	4151 6622	4150 6622	20.0	.39	234
21	F6490	4151 6622	4150 6622	20.0	.39	234

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
21	F5668	4151 6622	4150 6622	20.0	.39	234
21	F5451	4151 6622	4150 6622	20.0	.39	234
21	F5364	4151 6622	4150 6622	20.0	.39	234
21	F5681	4151 6622	4150 6622	20.0	.39	234
21	D5530	4151 6622	4150 6622	20.0	.39	234
21	F5382	4151 6622	4150 6622	20.0	.39	234
21	F5519	4151 6622	4150 6622	20.0	.39	234
21	F5458	4151 6622	4150 6622	20.0	.39	234
21	F5539	4151 6622	4150 6622	20.0	.39	234
21	F6294	4151 6622	4150 6622	20.0	.39	234
21	F5392	4151 6622	4150 6622	20.0	.39	234
21	F5345	4151 6622	4150 6622	20.0	.39	234
21	F5412	4151 6622	4150 6622	20.0	.39	234
21	F5589	4151 6622	4150 6622	20.0	.39	234
21	F5614	4151 6622	4150 6622	20.0	.39	234
21	F5566	4151 6622	4150 6622	20.0	.39	234
21	F5372	4151 6622	4150 6622	20.0	.39	234
16	F3006	4152 6620	4150 6622	20.0	2.19	235
16	F3124	4152 6620	4150 6622	20.0	2.19	235
16	F3066	4152 6620	4150 6622	20.0	2.19	235
16	F3024	4152 6620	4150 6622	20.0	2.19	235
16	F2946	4152 6620	4150 6622	20.0	2.19	235
16	F3285	4152 6620	4150 6622	20.0	2.19	235
16	F2917	4152 6620	4150 6622	20.0	2.19	235
16	F3180	4152 6620	4150 6622	20.0	2.19	235
30	S 772	4143 6614	4138 6615	20.1	5.04	195
30	S 787	4143 6614	4138 6615	20.1	5.04	195
30	S 235	4143 6614	4138 6615	20.1	5.04	195
30	S 411	4143 6614	4138 6615	20.1	5.04	195
21	F6549	4151 6622	4154 6622	20.3	3.27	355
21	F6292	4151 6622	4154 6622	20.3	3.27	355
21	F6563	4151 6622	4154 6622	20.3	3.27	355
21	F6415	4151 6622	4154 6622	20.3	3.27	355
21	F6529	4151 6622	4154 6622	20.3	3.27	355
21	F6214	4151 6622	4154 6622	20.3	3.27	355
21	F6266	4151 6622	4154 6622	20.3	3.27	355
21	F6521	4151 6622	4154 6622	20.3	3.27	355
29	F9643	42 8 6652	42 7 6650	20.3	1.23	131
29	F9746	42 8 6652	42 7 6650	20.3	1.23	131
29	F9713	42 8 6652	42 7 6650	20.3	1.23	131
29	F9571	42 8 6652	42 7 6650	20.3	1.23	131
29	F9444	42 8 6652	42 7 6650	20.3	1.23	131
29	F9759	42 8 6652	42 7 6650	20.3	1.23	131
29	F9636	42 8 6652	42 7 6650	20.3	1.23	131
26	F8441	42 7 6656	42 3 6656	20.7	3.30	186
20	F4934	4151 6621	4150 6619	21.0	1.13	118
20	F4800	4151 6621	4150 6619	21.0	1.13	118
20	F4978	4151 6621	4150 6619	21.0	1.13	118
20	F4711	4151 6621	4150 6619	21.0	1.13	118
20	F4809	4151 6621	4150 6619	21.0	1.13	118
20	F5269	4151 6621	4150 6619	21.0	1.13	118

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
20	F5097	4151 6621	4150 6619	21.0	1.13	118
20	F5028	4151 6621	4150 6619	21.0	1.13	118
20	F4787	4151 6621	4150 6619	21.0	1.13	118
20	F5038	4151 6621	4150 6619	21.0	1.13	118
20	F4916	4151 6621	4150 6619	21.0	1.13	118
20	F5257	4151 6621	4150 6619	21.0	1.13	118
20	F5118	4151 6621	4150 6619	21.0	1.13	118
21	F5597	4151 6622	4151 6622	22.7	.87	357
21	F5663	4151 6622	4151 6622	22.7	.87	357
21	F5340	4151 6622	4151 6622	22.7	.87	357
21	F5354	4151 6622	4151 6622	22.7	.87	357
30	S 230	4143 6614	4143 6613	23.0	.89	4
21	F6574	4151 6622	4151 6622	23.0	.18	343
21	F5474	4151 6622	4151 6622	23.0	.18	343
21	F5357	4151 6622	4151 6622	23.0	.18	343
21	F5492	4151 6622	4151 6622	23.0	.18	343
21	F5648	4151 6622	4151 6622	23.0	.18	343
21	F5341	4151 6622	4151 6622	23.0	.18	343
21	F5324	4151 6622	4151 6622	23.0	.18	343
21	F5516	4151 6622	4151 6622	23.0	.18	343
21	F5680	4151 6622	4151 6622	23.0	.18	343
21	F5630	4151 6622	4151 6622	23.0	.18	343
21	F6103	4151 6622	4151 6622	23.0	.18	343
21	F5674	4151 6622	4151 6622	23.0	.18	343
21	F5417	4151 6622	4151 6622	23.0	.18	343
21	F5447	4151 6622	4151 6622	23.0	.18	343
21	F5532	4151 6622	4151 6622	23.0	.18	343
21	F5544	4151 6622	4151 6622	23.0	.18	343
21	F6127	4151 6622	4151 6622	23.0	.18	343
21	F6400	4151 6622	4151 6622	23.0	.18	343
21	F5337	4151 6622	4151 6622	23.0	.18	343
21	F5379	4151 6622	4151 6622	23.0	.18	343
21	F5452	4151 6622	4151 6622	23.0	.18	343
21	F5421	4151 6622	4151 6622	23.0	.18	343
21	F6234	4151 6622	4151 6622	23.0	.18	343
21	F5548	4151 6622	4151 6622	23.0	.18	343
21	F5442	4151 6622	4151 6622	23.0	.18	343
21	F5374	4151 6622	4151 6622	23.0	.18	343
21	F6406	4151 6622	4151 6622	23.0	.18	343
21	F5419	4151 6622	4151 6622	23.0	.18	343
21	F5375	4151 6622	4151 6622	23.0	.18	343
21	F4678	4151 6622	4151 6622	23.0	.18	343
21	F5444	4151 6622	4151 6622	23.0	.18	343
21	F5662	4151 6622	4151 6622	23.0	.18	343
21	F6473	4151 6622	4151 6622	23.0	.18	343
21	F5564	4151 6622	4151 6622	23.0	.18	343
21	F6402	4151 6622	4151 6622	23.0	.18	343
21	F5538	4151 6622	4151 6622	23.0	.18	343
21	F5449	4151 6622	4151 6622	23.0	.18	343
21	F5360	4151 6622	4151 6622	23.0	.18	343
21	F5627	4151 6622	4149 6620	23.0	1.99	151

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
21	F6185	4151 6622	4149 6620	23.0	1.99	151
21	F5655	4151 6622	4149 6620	23.0	1.99	151
21	F6479	4151 6622	4149 6620	23.0	1.99	151
21	F6528	4151 6622	4149 6620	23.0	1.99	151
21	F5536	4151 6622	4149 6620	23.0	1.99	151
21	F6181	4151 6622	4149 6620	23.0	1.99	151
21	F5473	4151 6622	4149 6620	23.0	1.99	151
21	F5311	4151 6622	4149 6620	23.0	1.99	151
21	F6254	4151 6622	4149 6620	23.0	1.99	151
21	F5643	4151 6622	4149 6620	23.0	1.99	151
21	F5463	4151 6622	4149 6620	23.0	1.99	151
21	F6161	4151 6622	4149 6620	23.0	1.99	151
21	F5629	4151 6622	4149 6620	23.0	1.99	151
21	F5443	4151 6622	4149 6620	23.0	1.99	151
21	F5582	4151 6622	4149 6620	23.0	1.99	151
21	F5632	4151 6622	4149 6620	23.0	1.99	151
21	F5413	4151 6622	4149 6620	23.0	1.99	151
21	F6257	4151 6622	4149 6620	23.0	1.99	151
21	F5647	4151 6622	4149 6620	23.0	1.99	151
21	F5687	4151 6622	4149 6620	23.0	1.99	151
21	F5537	4151 6622	4149 6620	23.0	1.99	151
21	F6459	4151 6622	4149 6620	23.0	1.99	151
21	F5644	4151 6622	4149 6620	23.0	1.99	151
21	F5432	4151 6622	4149 6620	23.0	1.99	151
21	F5592	4151 6622	4151 6622	23.0	.18	343
21	F5435	4151 6622	4151 6622	23.0	.18	343
21	F5571	4151 6622	4149 6620	23.0	1.99	151
21	F5615	4151 6622	4151 6622	23.0	.18	343
21	F5657	4151 6622	4151 6622	23.0	.18	343
21	F5320	4151 6622	4149 6620	23.0	1.99	151
21	F6146	4151 6622	4149 6620	23.0	1.99	151
21	F6102	4151 6622	4149 6620	23.0	1.99	151
21	F5596	4151 6622	4149 6620	23.0	1.99	151
21	F5402	4151 6622	4149 6620	23.0	1.99	151
21	F5391	4151 6622	4151 6622	23.0	.18	343
21	F5477	4151 6622	4151 6622	23.0	.18	343
21	F6403	4151 6622	4149 6620	23.0	1.99	151
21	F5550	4151 6622	4149 6620	23.0	1.99	151
21	F5302	4151 6622	4151 6622	23.0	.18	343
16	F3064	4152 6620	4149 6620	23.0	2.80	191
16	F3036	4152 6620	4149 6620	23.0	2.80	191
16	F3208	4152 6620	4149 6620	23.0	2.80	191
16	F2909	4152 6620	4149 6620	23.0	2.80	191
16	F2976	4152 6620	4149 6620	23.0	2.80	191
16	F2949	4152 6620	4149 6620	23.0	2.80	191
16	F3275	4152 6620	4149 6620	23.0	2.80	191
16	F3172	4152 6620	4149 6620	23.0	2.80	191
16	F3269	4152 6620	4149 6620	23.0	2.80	191
16	F2984	4152 6620	4149 6620	23.0	2.80	191
16	F3299	4152 6620	4149 6620	23.0	2.80	191
16	F3012	4152 6620	4149 6620	23.0	2.80	191

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
16	F3204	4152 6620	4149 6620	23.0	2.80	191
16	F2993	4152 6620	4149 6620	23.0	2.80	191
16	F3050	4152 6620	4149 6620	23.0	2.80	191
28	F9993	42 7 6652	42 5 6650	23.4	1.83	143
28	F9205	42 7 6652	42 5 6650	23.4	1.83	143
28	F9247	42 7 6652	42 5 6650	23.4	1.95	155
29	F9477	42 8 6652	42 5 6650	23.4	2.70	156
25	D5614	4156 6646	4156 6647	23.6	.86	288
25	D5629	4156 6646	4156 6647	23.6	.86	288
25	D5604	4156 6646	4156 6647	23.6	.86	288
25	D5963	4156 6646	4156 6647	23.6	.86	288
25	S4821	4156 6646	4156 6647	23.6	.86	288
25	D5978	4156 6646	4156 6647	23.6	.86	288
25	D5684	4156 6646	4156 6647	23.6	.86	288
25	D5850	4156 6646	4156 6647	23.6	.86	288
25	S4829	4156 6646	4156 6647	23.6	.86	288
25	D5699	4156 6646	4156 6647	23.6	.86	288
25	D5656	4156 6646	4156 6647	23.6	.86	288
25	D5811	4156 6646	4156 6647	23.6	.86	288
25	D5648	4156 6646	4156 6647	23.6	.86	288
25	D5738	4156 6646	4156 6647	23.6	.86	288
25	D5853	4156 6646	4156 6647	23.6	.86	288
25	D5686	4156 6646	4156 6647	23.6	.86	288
25	D5785	4156 6646	4156 6647	23.6	.86	288
25	D5875	4156 6646	4156 6647	23.6	.86	288
25	D5822	4156 6646	4156 6647	23.6	.86	288
25	S4867	4156 6646	4156 6647	23.6	.86	288
25	D5899	4156 6646	4156 6647	23.6	.86	288
25	S 975	4156 6646	4156 6646	23.7	.80	300
25	D5966	4156 6646	4156 6646	23.7	.80	300
25	D5958	4156 6646	4156 6646	23.7	.80	300
25	D5991	4156 6646	4156 6646	23.7	.80	300
25	D5861	4156 6646	4156 6646	23.7	.80	300
25	S 954	4156 6646	4156 6646	23.7	.80	300
25	D5824	4156 6646	4156 6646	23.7	.80	300
25	D5622	4156 6646	4156 6646	23.7	.80	300
25	S 965	4156 6646	4156 6646	23.7	.80	300
25	S 944	4156 6646	4156 6651	23.7	4.30	277
28	F9175	42 7 6652	42 5 6651	23.7	1.58	175
28	F9135	42 7 6652	42 5 6651	23.7	1.58	175
28	F9224	42 7 6652	42 5 6651	23.7	1.58	175
28	F9141	42 7 6652	42 5 6651	23.7	1.58	175
28	F9958	42 7 6652	42 5 6651	23.7	1.58	175
28	F9167	42 7 6652	42 5 6651	23.7	1.58	175
28	F9343	42 7 6652	42 5 6651	23.7	1.58	175
25	S4726	4156 6646	4155 6646	23.9	.64	194
28	F9962	42 7 6652	42 6 6651	24.0	1.19	143
28	F9941	42 7 6652	42 6 6651	24.0	1.19	143
30	S 95	4143 6614	4151 6618	24.4	9.05	335
30	S 366	4143 6614	4151 6618	24.4	9.05	335
28	F9289	42 7 6652	42 5 6651	24.4	1.58	175

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
28	F9913	42 7 6652	42 5 6651	24.4	1.58	175
21	F5371	4151 6622	4150 6622	24.7	.86	223
21	F5487	4151 6622	4150 6622	24.7	.86	223
21	F5572	4151 6622	4150 6622	24.7	.86	223
21	F5640	4151 6622	4150 6622	24.7	.86	223
30	S 337	4143 6614	4150 6612	24.8	7.35	6
28	F9241	42 7 6652	42 4 6649	25.3	3.70	143
28	F9942	42 7 6652	42 2 6650	25.3	4.94	163
28	F9239	42 7 6652	42 7 6653	25.3	.83	294
28	F9306	42 7 6652	42 7 6653	25.3	.83	294
28	F9911	42 7 6652	42 7 6653	25.3	.83	294
28	F9137	42 7 6652	42 7 6653	25.3	.83	294
28	F9225	42 7 6652	42 7 6653	25.3	.83	294
28	F9353	42 7 6652	42 7 6653	25.3	.83	294
28	F9173	42 7 6652	42 7 6653	25.3	.83	294
28	F9957	42 7 6652	42 7 6653	25.3	.83	294
28	F9901	42 7 6652	42 7 6653	25.3	.83	294
28	F9362	42 7 6652	42 7 6653	25.3	.83	294
28	F9358	42 7 6652	42 7 6653	25.3	.83	294
28	F9950	42 7 6652	42 7 6653	25.3	.83	294
28	F9222	42 7 6652	42 7 6653	25.3	.83	294
28	F9327	42 7 6652	42 7 6653	25.3	.83	294
28	F9258	42 7 6652	42 7 6653	25.3	.83	294
28	F9370	42 7 6652	42 7 6653	25.3	.83	294
28	F9973	42 7 6652	42 8 6654	25.3	2.14	313
28	F9235	42 7 6652	42 7 6653	25.3	.83	294
25	S4786	4156 6646	4156 6644	25.6	1.22	81
25	D5872	4156 6646	4159 6647	25.6	3.33	337
25	S4825	4156 6646	42 5 6639	25.6	10.70	24
25	S4734	4156 6646	4159 6647	25.6	3.33	337
25	S4803	4156 6646	4155 6647	26.0	1.31	257
25	S4748	4156 6646	4155 6647	26.0	1.31	257
25	D5927	4156 6646	4155 6647	26.0	1.31	257
25	D5971	4156 6646	4155 6647	26.0	1.31	257
25	D5703	4156 6646	4155 6647	26.0	1.31	257
25	D5925	4156 6646	4155 6647	26.0	1.31	257
25	S 917	4156 6646	4155 6647	26.0	1.31	257
25	S 995	4156 6646	4155 6647	26.0	1.31	257
25	S4827	4156 6646	4155 6647	26.0	1.31	257
25	S 935	4156 6646	4155 6647	26.0	1.31	257
25	S4747	4156 6646	4155 6647	26.0	1.31	257
25	D5657	4156 6646	4155 6647	26.0	1.31	257
25	S4818	4156 6646	4154 6644	26.1	1.84	131
25	S 957	4156 6646	4154 6644	26.1	1.84	131
25	D5746	4156 6646	4154 6644	26.1	1.84	131
25	S4777	4156 6646	4154 6644	26.1	1.84	131
25	S4778	4156 6646	4154 6644	26.1	1.84	131
25	D5939	4156 6646	4154 6644	26.1	1.84	131
25	S4799	4156 6646	4156 6647	27.1	.86	288
25	S4714	4156 6646	4156 6647	27.1	.86	288
25	D5617	4156 6646	4156 6647	27.1	.86	288

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
25	S4742	4156 6646	4156 6647	27.1	.86	288
21	F5427	4151 6622	4153 6623	29.0	2.61	342
21	F5420	4151 6622	4153 6623	29.0	2.61	342
21	F5499	4151 6622	4153 6623	29.0	2.61	342
21	F5433	4151 6622	4153 6623	29.0	2.61	342
16	F2999	4152 6620	4153 6623	29.0	2.72	303
26	F8343	42 7 6656	42 7 6655	29.3	.33	39
26	F8310	42 7 6656	42 7 6655	29.3	.33	39
26	F8565	42 7 6656	42 7 6655	29.3	.33	39
26	S 818	42 7 6656	42 4 6653	29.3	3.41	145
26	F8384	42 7 6656	42 4 6653	29.3	3.41	145
26	F8505	42 7 6656	42 8 6657	29.4	1.51	329
26	F8414	42 7 6656	42 8 6657	29.4	1.51	329
26	F7152	42 7 6656	42 8 6657	29.4	1.51	329
26	F8515	42 7 6656	42 8 6657	29.4	1.51	329
26	F8417	42 7 6656	42 8 6657	29.4	1.51	329
26	F8482	42 7 6656	42 8 6657	29.4	1.51	329
26	F7117	42 7 6656	42 8 6657	29.4	1.51	329
26	S 870	42 7 6656	42 8 6657	29.4	1.51	329
26	F7142	42 7 6656	42 8 6657	29.4	1.51	329
26	F8529	42 7 6656	42 8 6657	29.4	1.51	329
26	F8434	42 7 6656	42 8 6654	29.4	1.60	43
26	S 841	42 7 6656	42 8 6654	29.4	1.60	43
26	F7172	42 7 6656	42 8 6654	29.4	1.60	43
26	F8509	42 7 6656	42 8 6657	29.4	1.51	329
26	F8322	42 7 6656	42 8 6657	29.4	1.51	329
26	F8382	42 7 6656	42 8 6657	29.4	1.51	329
26	F7129	42 7 6656	42 8 6657	29.4	1.51	329
26	F8599	42 7 6656	42 8 6657	29.4	1.51	329
26	F8312	42 7 6656	42 8 6657	29.4	1.51	329
26	F8585	42 7 6656	42 8 6657	29.4	1.51	329
26	F8439	42 7 6656	42 8 6657	29.4	1.51	329
26	F8306	42 7 6656	42 8 6657	29.4	1.51	329
26	F7113	42 7 6656	42 8 6657	29.4	1.51	329
26	F7164	42 7 6656	42 8 6657	29.4	1.51	329
26	F8346	42 7 6656	42 8 6657	29.4	1.51	329
26	F8476	42 7 6656	42 8 6657	29.4	1.51	329
26	S 386	42 7 6656	42 7 6656	29.4	.79	335
26	F8407	42 7 6656	42 8 6657	29.4	1.51	329
26	F8511	42 7 6656	42 8 6657	29.4	1.51	329
26	F7191	42 7 6656	42 8 6657	29.4	1.51	329
26	F7177	42 7 6656	42 8 6657	29.4	1.51	329
26	F8437	42 7 6656	42 8 6657	29.4	1.51	329
26	F8380	42 7 6656	42 8 6657	29.4	1.51	329
26	F8490	42 7 6656	42 8 6657	29.4	1.51	329
26	S 803	42 7 6656	42 8 6657	29.4	1.51	329
26	F8435	42 7 6656	42 8 6657	29.4	1.51	329
26	F8570	42 7 6656	42 8 6657	29.4	1.51	329
26	F8389	42 7 6656	42 8 6657	29.4	1.51	329
26	F8366	42 7 6656	42 6 6654	29.4	1.39	120
26	S 805	42 7 6656	42 6 6654	29.4	1.39	120

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
29	F9734	42 8 6652	42 6 6654	29.4	2.45	226
30	E4943	4143 6614	4144 6614	29.6	1.88	355
30	S 159	4143 6614	4153 6619	29.6	10.79	339
30	E4807	4143 6614	4153 6619	29.6	10.79	339
30	E4978	4143 6614	4153 6619	29.6	10.79	339
30	S 557	4143 6614	4153 6619	29.6	10.79	339
30	S 561	4143 6614	4153 6619	29.6	10.79	339
30	S 623	4143 6614	4153 6619	29.6	10.79	339
30	S 348	4143 6614	4153 6619	29.6	10.79	339
30	E4872	4143 6614	4153 6619	29.6	10.79	339
30	S 239	4143 6614	4153 6619	29.6	10.79	339
30	S 603	4143 6614	4153 6619	29.6	10.79	339
30	S 577	4143 6614	4153 6619	29.6	10.79	339
16	F3119	4152 6620	4150 6619	30.1	1.56	170
26	S 826	42 7 6656	42 4 6653	30.1	3.41	145
26	F8443	42 7 6656	42 4 6653	30.1	3.41	145
26	F8537	42 7 6656	42 3 6652	30.6	4.70	145
26	F8301	42 7 6656	42 3 6652	30.6	4.70	145
26	F8495	42 7 6656	42 3 6652	30.6	4.70	145
25	D5608	4156 6646	4158 6647	30.7	2.60	331
25	D5688	4156 6646	4158 6647	30.7	2.60	331
26	F7163	42 7 6656	4156 6642	30.7	14.72	137
30	S 760	4143 6614	4144 6613	31.7	1.36	13
30	S 400	4143 6614	4144 6614	31.7	1.88	355
30	S 438	4143 6614	4144 6614	31.7	1.88	355
30	S 581	4143 6614	4144 6614	31.7	1.88	355
30	E4822	4143 6614	4144 6614	31.7	1.88	355
30	S 627	4143 6614	4144 6614	31.7	1.88	355
30	S 272	4143 6614	4144 6614	31.7	1.88	355
30	S 505	4143 6614	4144 6614	31.7	1.88	355
30	S 47	4143 6614	4144 6614	31.7	1.88	355
30	S 790	4143 6614	4144 6614	31.7	1.88	355
30	S 473	4143 6614	4144 6614	31.7	1.88	355
30	E4834	4143 6614	4144 6614	31.7	1.88	355
30	S 199	4143 6614	4144 6614	31.7	1.88	355
30	S 277	4143 6614	4144 6614	31.7	1.88	355
30	S 296	4143 6614	4144 6614	31.7	1.88	355
30	S 792	4143 6614	4144 6614	31.7	1.88	355
30	S 710	4143 6614	4144 6614	31.7	1.88	355
30	E4817	4143 6614	4144 6614	31.7	1.88	355
30	S 364	4143 6614	4144 6614	31.7	1.88	355
30	S 491	4143 6614	4144 6614	31.7	1.88	355
30	S 600	4143 6614	4144 6614	31.7	1.88	355
30	S 698	4143 6614	4144 6614	31.7	1.88	355
30	S 751	4143 6614	4144 6614	31.7	1.88	355
30	S 137	4143 6614	4144 6614	31.7	1.88	355
30	S 407	4143 6614	4144 6614	31.7	1.88	355
30	S 150	4143 6614	4144 6614	31.7	1.88	355
30	S 378	4143 6614	4144 6614	31.7	1.88	355
30	S 215	4143 6614	4144 6614	31.7	1.88	355
30	S 228	4143 6614	4144 6614	31.7	1.88	355

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
30	E4939	4143 6614	4144 6614	31.7	1.88	355
30	S 466	4143 6614	4144 6614	31.7	1.88	355
30	E4967	4143 6614	4144 6614	31.7	1.88	355
30	S 361	4143 6614	4144 6613	32.6	1.65	16
30	E4997	4143 6614	4144 6613	32.6	1.65	16
30	S 144	4143 6614	4144 6613	32.6	1.65	16
30	S 103	4143 6614	4144 6613	32.6	1.65	16
30	S 271	4143 6614	4144 6613	32.6	1.65	16
30	S 209	4143 6614	4144 6613	32.6	1.65	16
30	S 458	4143 6614	4144 6613	32.6	1.65	16
30	S 474	4143 6614	4144 6613	32.6	1.65	16
30	S 356	4143 6614	4144 6613	32.6	1.65	16
30	S 33	4143 6614	4144 6613	32.6	1.65	16
30	E4892	4143 6614	4144 6613	32.6	1.65	16
30	E4911	4143 6614	4144 6613	32.6	1.65	16
30	S 7	4143 6614	4144 6613	32.6	1.65	16
30	S 111	4143 6614	4144 6613	32.6	1.65	16
30	S 711	4143 6614	4144 6613	32.6	1.65	16
30	E4901	4143 6614	4144 6613	32.6	1.65	16
30	E4988	4143 6614	4144 6613	32.6	1.65	16
30	S 168	4143 6614	4144 6613	32.6	1.65	16
30	S 113	4143 6614	4144 6613	32.6	1.65	16
30	S 140	4143 6614	4144 6613	32.6	1.65	16
30	S 196	4143 6614	4144 6613	32.6	1.36	13
30	S 685	4143 6614	4144 6613	32.6	1.65	16
30	S 797	4143 6614	4144 6613	32.6	1.65	16
30	S 598	4143 6614	4145 6614	32.6	2.88	352
30	S 38	4143 6614	4145 6614	32.6	2.88	352
30	S 425	4143 6614	4144 6614	32.7	1.88	355
26	F8486	42 7 6656	42 3 6629	34.1	19.64	98
26	F8377	42 7 6656	42 3 6629	34.1	19.64	98
26	F8470	42 7 6656	42 3 6629	34.1	19.64	98
16	F3253	4152 6620	4149 6620	37.1	2.37	186
16	F3096	4152 6620	4149 6620	37.1	2.37	186
16	F3158	4152 6620	4149 6620	37.1	2.37	186
16	F2951	4152 6620	4149 6620	37.1	2.37	186
16	F3129	4152 6620	4149 6620	37.1	2.37	186
16	F3178	4152 6620	4149 6620	37.1	2.37	186
25	S4823	4156 6646	4158 6653	37.4	5.69	291
20	F4966	4151 6621	4148 6618	44.7	3.00	132
20	F5018	4151 6621	4148 6618	44.7	3.00	132
20	F5019	4151 6621	4148 6618	44.7	3.00	132
21	F6081	4151 6622	4148 6618	44.7	3.59	124
21	F6069	4151 6622	4148 6618	44.7	3.59	124
21	F6035	4151 6622	4148 6618	44.7	3.59	124
21	F6183	4151 6622	4148 6618	44.7	3.59	124
21	F6199	4151 6622	4148 6618	44.7	3.59	124
16	F3046	4152 6620	4148 6618	44.7	3.36	153
35	S4045	4126 6623	4137 6620	45.1	11.94	8
35	S3666	4126 6623	4137 6620	45.1	11.94	8
30	S 752	4143 6614	4140 6622	45.4	7.23	245

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
26	F7144	42 7 6656	42 2 6655	47.4	4.69	178
26	F8453	42 7 6656	42 2 6655	47.4	4.69	178
30	S 477	4143 6614	4145 6616	48.1	3.19	327
28	F9966	42 7 6652	42 1 6621	48.1	23.14	103
36	S4220	4130 6627	4144 6614	49.0	17.20	32
30	S 658	4143 6614	4144 6614	49.0	1.50	344
30	S 301	4143 6614	4144 6614	49.0	1.50	344
30	S 382	4143 6614	4144 6614	49.0	1.50	344
36	S4137	4130 6627	4132 6626	49.4	2.56	13
36	S4406	4130 6627	4132 6626	49.4	2.56	13
20	F5277	4151 6621	4150 6620	49.6	.81	143
20	F5149	4151 6621	4150 6620	49.6	.81	143
20	F5122	4151 6621	4150 6620	49.6	.81	143
20	F5070	4151 6621	4150 6620	49.6	.81	143
20	F5059	4151 6621	4150 6620	49.6	.81	143
20	F5025	4151 6621	4150 6620	49.6	.81	143
20	F5004	4151 6621	4150 6620	49.6	.81	143
20	F4931	4151 6621	4150 6620	49.6	.81	143
20	F4901	4151 6621	4150 6620	49.6	.81	143
20	F4887	4151 6621	4150 6620	49.6	.81	143
20	F4875	4151 6621	4150 6620	49.6	.81	143
20	F4840	4151 6621	4150 6620	49.6	.81	143
20	F4799	4151 6621	4150 6620	49.6	.81	143
20	F4771	4151 6621	4150 6620	49.6	.81	143
20	F4753	4151 6621	4150 6620	49.6	.81	143
20	F4737	4151 6621	4150 6620	49.6	.81	143
20	F4724	4151 6621	4150 6620	49.6	.81	143
20	F4720	4151 6621	4150 6620	49.6	.81	143
20	F4717	4151 6621	4150 6620	49.6	.81	143
20	F4708	4151 6621	4150 6620	49.6	.81	143
20	F4706	4151 6621	4150 6620	49.6	.81	143
33	S2498	4130 6616	4146 6613	50.6	16.35	6
33	S2057	4130 6616	4146 6613	50.6	16.35	6
33	S2874	4130 6616	4146 6613	50.6	16.35	6
33	S2585	4130 6616	4146 6613	50.6	16.35	6
33	S2633	4130 6616	4146 6613	50.6	16.35	6
34	S3457	4133 6618	4146 6613	50.6	13.65	13
34	S3387	4133 6618	4146 6613	50.6	13.65	13
34	S3388	4133 6618	4146 6613	50.6	13.65	13
34	S3419	4133 6618	4146 6613	50.6	13.65	13
34	S3310	4133 6618	4146 6613	50.6	13.65	13
34	S3093	4133 6618	4146 6613	50.6	13.65	13
34	S3433	4133 6618	4146 6613	50.6	13.65	13
34	S3215	4133 6618	4146 6613	50.6	13.65	13
34	S3129	4133 6618	4146 6613	50.6	13.65	13
30	E4961	4143 6614	4138 6558	50.6	12.54	112
33	S2862	4130 6616	4132 6618	50.7	2.99	328
33	S2331	4130 6616	4132 6618	50.7	2.99	328
33	S2632	4130 6616	4132 6618	50.7	2.99	328
33	S2078	4130 6616	4130 6619	50.7	2.74	285
33	S2619	4130 6616	4132 6618	50.7	2.99	328

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
33	S2879	4130 6616	4132 6618	50.7	2.99	328
34	S3141	4133 6618	4132 6618	50.7	.97	200
34	S3160	4133 6618	4132 6618	50.7	.97	200
34	S3160	4133 6618	4132 6618	50.7	.97	200
34	S3089	4133 6618	4132 6618	50.7	.97	200
34	S3249	4133 6618	4132 6618	50.7	.46	188
34	S3462	4133 6618	4132 6618	50.7	.46	188
34	S3334	4133 6618	4132 6618	50.7	.46	188
33	S2935	4130 6616	4146 6622	50.8	17.55	344
33	S2945	4130 6616	4146 6622	50.8	17.55	344
33	S2022	4130 6616	4146 6622	50.8	17.55	344
33	S2796	4130 6616	4146 6622	50.8	17.55	344
33	S2663	4130 6616	4146 6622	50.8	17.55	344
33	S2415	4130 6616	4146 6622	50.8	17.55	344
33	S2309	4130 6616	4146 6622	50.8	17.55	344
34	S3143	4133 6618	4132 6617	51.6	.77	167
34	S3381	4133 6618	4132 6617	51.6	.77	167
34	S3094	4133 6618	4132 6617	51.6	.77	167
34	S3252	4133 6618	4132 6617	51.6	.77	167
34	S3025	4133 6618	4135 6621	52.1	3.47	307
34	S3176	4133 6618	4135 6621	52.1	3.47	307
30	S3108	4143 6614	4135 6621	52.1	9.74	216
34	S3355	4133 6618	4130 6619	52.4	2.71	199
34	S3321	4133 6618	4130 6619	52.4	2.71	199
30	S 643	4143 6614	42 7 6649	53.4	35.91	312
30	E4836	4143 6614	42 7 6649	53.4	35.91	312
36	S4602	4130 6627	4132 6629	53.7	3.00	324
36	S4671	4130 6627	4132 6629	53.7	3.00	324
36	S4495	4130 6627	4132 6629	53.7	3.00	324
36	S4456	4130 6627	4132 6629	53.7	3.00	324
36	S4407	4130 6627	4132 6629	53.7	3.00	324
36	S4190	4130 6627	4132 6629	53.7	3.00	324
36	S4188	4130 6627	4132 6629	53.7	3.00	324
20	F5285	4151 6621	4150 6619	54.0	1.17	138
20	F4969	4151 6621	4149 6620	54.3	1.42	161
20	F4850	4151 6621	4149 6620	54.3	1.42	161
20	F5107	4151 6621	4148 6621	54.3	2.15	182
20	F4795	4151 6621	4149 6620	54.3	1.42	161
20	F4999	4151 6621	4149 6620	54.3	1.42	161
20	F5135	4151 6621	4149 6620	54.3	1.42	161
20	F4739	4151 6621	4149 6620	54.3	1.42	161
25	S4865	4156 6646	4154 6645	54.4	1.06	171
25	S4808	4156 6646	4154 6645	54.4	1.06	171
25	D5800	4156 6646	4154 6645	54.4	1.06	171
25	D5647	4156 6646	4154 6645	54.4	1.06	171
25	S4873	4156 6646	4154 6645	54.4	1.06	171
25	D5874	4156 6646	4154 6645	54.4	1.06	171
25	D5711	4156 6646	4154 6645	54.4	1.06	171
34	S3294	4133 6618	4143 6614	55.9	10.35	14
30	S 233	4143 6614	4143 6613	55.9	.89	4
30	S 37	4143 6614	4143 6614	55.9	.46	274

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
30	S 15	4143 6614	4143 6614	55.9	.46	274
30	S 716	4143 6614	4143 6614	55.9	.46	274
30	S 43	4143 6614	4143 6614	55.9	.46	274
30	S 408	4143 6614	4143 6614	55.9	.46	274
30	S 61	4143 6614	4143 6614	55.9	.46	274
33	S2806	4130 6616	4141 6610	56.0	11.81	19
30	S 194	4143 6614	4143 6615	56.0	1.10	302
30	S 176	4143 6614	4143 6615	56.0	1.10	302
30	S 562	4143 6614	4143 6615	56.0	1.10	302
30	S 503	4143 6614	4143 6615	56.0	1.10	302
30	E4853	4143 6614	4143 6615	56.0	1.10	302
30	E4906	4143 6614	4143 6615	56.0	1.10	302
30	E4934	4143 6614	4143 6615	56.0	1.10	302
30	S 48	4143 6614	4143 6615	56.0	1.10	302
30	S 26	4143 6614	4143 6615	56.0	1.10	302
30	S 32	4143 6614	4143 6615	56.0	1.10	302
30	S 487	4143 6614	4143 6615	56.0	1.10	302
30	S 542	4143 6614	4143 6615	56.0	1.10	302
30	S 510	4143 6614	4143 6615	56.0	1.10	302
30	S 602	4143 6614	4143 6615	56.0	1.10	302
30	S 763	4143 6614	4143 6615	56.0	1.10	302
30	S 742	4143 6614	4143 6615	56.0	1.10	302
30	S 707	4143 6614	4143 6615	56.0	1.10	302
30	S 654	4143 6614	4143 6615	56.0	1.10	302
30	E4887	4143 6614	4143 6615	56.0	1.10	302
30	S 58	4143 6614	4143 6615	56.0	1.10	302
30	S 293	4143 6614	4143 6615	56.0	1.10	302
25	D5682	4156 6646	4154 6622	56.0	17.76	95
25	S4761	4156 6646	4154 6645	56.5	1.06	171
25	S 976	4156 6646	4154 6645	56.5	1.06	171
25	D5611	4156 6646	4154 6645	56.5	1.06	171
20	F4791	4151 6621	4149 6620	56.6	1.42	161
20	F5138	4151 6621	4149 6620	56.6	1.42	161
20	F4748	4151 6621	4149 6620	56.6	1.42	161
28	F9361	42 7 6652	42 9 6636	57.0	12.15	76
21	F5565	4151 6622	4154 6620	57.1	3.53	13
16	F3056	4152 6620	4154 6620	57.1	2.53	344
16	F3268	4152 6620	4154 6620	57.1	2.53	344
16	F3001	4152 6620	4154 6620	57.1	2.53	344
16	F3201	4152 6620	4154 6620	57.1	2.53	344
26	S 848	42 7 6656	42 7 6649	57.3	4.89	86
26	F8390	42 7 6656	42 4 6650	58.0	4.66	124
16	F3250	4152 6620	4153 6621	58.1	2.06	323
25	D5676	4156 6646	4154 6645	58.2	1.06	171
25	D5773	4156 6646	4154 6645	58.2	1.06	171
25	S 903	4156 6646	4154 6645	58.2	1.06	171
25	D5607	4156 6646	4154 6645	58.2	1.06	171
25	D5804	4156 6646	4154 6645	58.2	1.06	171
25	S4760	4156 6646	4154 6645	58.2	1.06	171
26	F8404	42 7 6656	42 4 6650	58.2	4.66	124
26	F8558	42 7 6656	42 4 6650	58.2	4.66	124

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
26	F8485	42 7 6656	42 4 6650	58.2	4.66	124
26	F7138	42 7 6656	42 4 6650	58.2	4.66	124
26	F7102	42 7 6656	42 4 6650	58.2	4.66	124
26	F8426	42 7 6656	42 4 6650	58.2	4.66	124
20	F5062	4151 6621	4148 6621	58.4	2.86	181
20	F4959	4151 6621	4148 6621	58.4	2.86	181
20	F4940	4151 6621	4148 6621	58.4	2.86	181
20	F4874	4151 6621	4148 6621	58.4	2.86	181
20	F5072	4151 6621	4148 6621	58.4	2.86	181
20	F5259	4151 6621	4148 6621	58.4	2.86	181
20	F5105	4151 6621	4148 6621	58.4	2.86	181
20	F4973	4151 6621	4148 6621	58.4	2.86	181
20	F5205	4151 6621	4148 6621	58.4	2.86	181
20	F5024	4151 6621	4148 6621	58.4	2.86	181
20	F4943	4151 6621	4148 6621	58.4	2.86	181
20	F4861	4151 6621	4148 6621	58.4	2.86	181
20	F4938	4151 6621	4149 6620	58.7	1.42	161
20	F5276	4151 6621	4149 6620	58.7	1.42	161
20	F4920	4151 6621	4149 6620	58.7	1.42	161
30	E4900	4143 6614	4154 6621	59.4	12.45	335
30	S 777	4143 6614	4154 6621	59.4	12.45	335
30	E4812	4143 6614	4154 6621	59.4	12.45	335
30	S 314	4143 6614	4154 6621	59.4	12.45	335
30	S 282	4143 6614	4154 6621	59.4	12.45	335
30	S 513	4143 6614	4154 6621	59.4	12.45	335
30	S 712	4143 6614	4154 6621	59.4	12.45	335
30	S 55	4143 6614	4154 6621	59.4	12.45	335
30	S 680	4143 6614	4154 6621	59.4	12.45	335
30	S 782	4143 6614	4154 6621	59.4	12.45	335
30	S 528	4143 6614	4154 6621	59.4	12.45	335
26	F8371	42 7 6656	42 5 6655	60.1	1.51	161
26	F8339	42 7 6656	42 5 6655	60.1	1.51	161
26	F7132	42 7 6656	42 5 6655	60.1	1.51	161
26	F7104	42 7 6656	42 5 6655	60.1	1.51	161
26	F8447	42 7 6656	42 5 6655	60.1	1.51	161
26	F7101	42 7 6656	42 5 6655	60.1	1.51	161
26	F7181	42 7 6656	42 5 6655	60.1	1.51	161
26	F7169	42 7 6656	42 5 6655	60.1	1.51	161
26	F7103	42 7 6656	42 5 6655	60.1	1.51	161
26	S 889	42 7 6656	42 5 6655	60.1	1.51	161
26	F7182	42 7 6656	42 5 6655	60.1	1.51	161
26	S 887	42 7 6656	4148 6627	60.4	28.00	130
26	F8494	42 7 6656	4148 6627	60.4	28.00	130
20	F4836	4151 6621	4148 6621	60.7	2.86	181
20	F5134	4151 6621	4148 6621	60.7	2.86	181
20	F4880	4151 6621	4148 6621	60.7	2.86	181
20	F4952	4151 6621	4148 6621	60.7	2.86	181
20	F4873	4151 6621	4148 6621	60.7	2.86	181
20	F4741	4151 6621	4148 6621	60.7	2.86	181
20	F4899	4151 6621	4148 6621	60.7	2.86	181
20	F4714	4151 6621	4148 6621	60.7	2.86	181

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
20	F4712	4151 6621	4148 6621	60.7	2.86	181
20	F4763	4151 6621	4148 6621	60.7	2.86	181
20	F5020	4151 6621	4148 6621	60.7	2.86	181
20	F5279	4151 6621	4148 6621	60.7	2.86	181
20	F4903	4151 6621	4148 6621	60.7	2.86	181
26	F8311	42 7 6656	42 5 6655	61.0	1.51	161
26	S 849	42 7 6656	42 5 6655	61.0	1.51	161
16	F3222	4152 6620	4151 6621	61.3	1.01	267
16	F3225	4152 6620	4151 6621	61.3	1.01	267
26	F8324	42 7 6656	4159 6649	62.2	8.98	144
26	F7193	42 7 6656	42 0 6649	63.1	8.38	144
26	S 871	42 7 6656	42 0 6649	63.1	8.38	144
26	F8518	42 7 6656	42 0 6649	63.1	8.38	144
26	F8517	42 7 6656	42 0 6649	63.1	8.38	144
20	F4751	4151 6621	4151 6618	63.4	1.55	80
16	F2991	4152 6620	4151 6618	63.4	1.08	133
16	F3278	4152 6620	4151 6618	63.4	1.08	133
16	F3252	4152 6620	4151 6618	63.4	1.08	133
16	F3242	4152 6620	4151 6618	63.4	1.08	133
16	F2923	4152 6620	4151 6618	63.4	1.08	133
16	F2931	4152 6620	4151 6618	63.4	1.08	133
16	F3071	4152 6620	4151 6618	63.4	1.08	133
16	F3223	4152 6620	4151 6618	63.4	1.08	133
16	F3047	4152 6620	4151 6618	63.4	1.08	133
16	F2919	4152 6620	4151 6618	63.4	1.08	133
16	F2983	4152 6620	4151 6618	63.4	1.08	133
16	F3089	4152 6620	4151 6618	63.4	1.08	133
16	F3018	4152 6620	4151 6618	63.4	1.08	133
16	F3054	4152 6620	4151 6618	63.4	1.08	133
16	F3140	4152 6620	4151 6618	63.4	1.08	133
16	F3151	4152 6620	4151 6618	63.4	1.08	133
16	F2903	4152 6620	4151 6618	63.4	1.08	133
16	F3083	4152 6620	4151 6618	63.4	1.08	133
16	F3110	4152 6620	4151 6618	63.4	1.08	133
16	F3161	4152 6620	4151 6618	63.4	1.08	133
21	F6513	4151 6622	4150 6621	64.4	1.03	136
21	F6282	4151 6622	4150 6621	64.4	1.03	136
21	F6440	4151 6622	4150 6621	64.4	1.03	136
21	F6203	4151 6622	4150 6621	64.4	1.03	136
21	F6551	4151 6622	4150 6621	64.4	1.03	136
21	F6507	4151 6622	4150 6621	64.4	1.03	136
21	F6412	4151 6622	4150 6621	64.4	1.03	136
21	F6118	4151 6622	4150 6621	64.4	1.03	136
21	F5327	4151 6622	4150 6621	64.4	1.03	136
21	F6151	4151 6622	4150 6621	64.4	1.03	136
21	F6443	4151 6622	4150 6621	64.4	1.03	136
21	F5385	4151 6622	4150 6621	64.4	1.03	136
21	F6132	4151 6622	4150 6621	64.4	1.03	136
21	F5585	4151 6622	4150 6621	64.4	1.03	136
21	F6485	4151 6622	4150 6621	64.4	1.03	136
21	F6418	4151 6622	4150 6621	64.4	1.03	136

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
21	F6547	4151 6622	4150 6621	64.4	1.03	136
21	F5517	4151 6622	4150 6621	64.4	1.03	136
21	F6007	4151 6622	4150 6621	64.4	1.03	136
21	F6462	4151 6622	4150 6621	64.4	1.03	136
16	F3217	4152 6620	4150 6612	64.4	5.53	107
16	F3244	4152 6620	4150 6612	64.4	5.53	107
16	F3176	4152 6620	4150 6612	64.4	5.53	107
16	F3289	4152 6620	4150 6612	64.4	5.53	107
16	F3039	4152 6620	4150 6612	64.4	5.53	107
16	F2961	4152 6620	4150 6612	64.4	5.53	107
16	F2950	4152 6620	4150 6621	64.4	1.92	204
16	F3105	4152 6620	4150 6621	64.4	1.92	204
16	F3144	4152 6620	4156 6644	64.7	18.73	282
20	F4793	4151 6621	4149 6620	65.3	1.42	161
20	F5194	4151 6621	4149 6620	65.3	1.42	161
20	F5164	4151 6621	4149 6620	65.3	1.42	161
20	F4958	4151 6621	4149 6620	65.3	1.42	161
20	F4784	4151 6621	4149 6620	65.3	1.42	161
20	F5037	4151 6621	4149 6620	65.3	1.42	161
20	F5281	4151 6621	4149 6620	65.3	1.42	161
20	F4833	4151 6621	4149 6620	65.3	1.42	161
20	F4745	4151 6621	4149 6620	65.3	1.42	161
20	F4747	4151 6621	4149 6620	65.3	1.42	161
21	F6219	4151 6622	4155 6625	65.3	5.21	326
21	F5465	4151 6622	4155 6625	65.3	5.21	326
21	F6557	4151 6622	4155 6625	65.3	5.21	326
21	F6569	4151 6622	4155 6625	65.3	5.21	326
21	F6144	4151 6622	4155 6625	65.3	5.21	326
21	F5511	4151 6622	4155 6625	65.3	5.21	326
16	F3077	4152 6620	4149 6620	65.3	2.37	186
16	F3009	4152 6620	4149 6620	65.3	2.37	186
16	F2900	4152 6620	4149 6620	65.3	2.37	186
16	F3115	4152 6620	4149 6620	65.3	2.37	186
21	F5656	4151 6622	42 3 6652	66.0	25.73	298
16	F2714	4152 6620	42 3 6652	66.0	26.62	294
16	F2728	4152 6620	42 3 6652	66.0	26.62	294
20	F5182	4151 6621	4149 6620	66.3	1.42	161
20	F4983	4151 6621	4149 6620	66.3	1.42	161
21	F5568	4151 6622	4154 6621	67.3	3.65	0
21	F5526	4151 6622	4154 6621	67.3	3.65	0
21	F5328	4151 6622	4154 6621	67.3	3.65	0
16	F2914	4152 6620	4154 6621	67.3	3.03	331
16	F2987	4152 6620	4154 6621	67.3	3.03	331
16	F2928	4152 6620	4154 6621	67.3	3.03	331
20	F4820	4151 6621	4151 6620	67.7	.64	70
21	F6268	4151 6622	4158 6628	68.3	8.77	327
21	F6174	4151 6622	4158 6628	68.3	8.77	327
21	F6124	4151 6622	4158 6628	68.3	8.77	327
21	F6531	4151 6622	4158 6628	68.3	8.77	327
20	F4740	4151 6621	4144 6613	71.4	8.59	138
20	F5262	4151 6621	4144 6613	71.4	8.59	138

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
20	F5139	4151 6621	4144 6613	71.4	8.59	138
20	F4762	4151 6621	4144 6613	71.4	8.59	138
20	F4713	4151 6621	4144 6613	71.4	8.59	138
20	F4917	4151 6621	4144 6613	71.4	8.59	138
20	F4876	4151 6621	4144 6613	71.4	8.59	138
20	F4730	4151 6621	4144 6613	71.4	8.59	138
16	F3277	4152 6620	4144 6613	71.4	8.93	146
16	F3288	4152 6620	4144 6613	71.4	8.93	146
16	F2973	4152 6620	4144 6613	71.4	8.93	146
21	F6119	4151 6622	4150 6620	73.3	1.04	109
21	F6121	4151 6622	4150 6620	73.3	1.04	109
21	F6520	4151 6622	4150 6620	73.3	1.04	109
16	F2990	4152 6620	4150 6620	73.3	1.44	200
16	F3152	4152 6620	4150 6620	73.3	1.44	200
16	F2910	4152 6620	4150 6620	73.3	1.44	200
16	F3298	4152 6620	4150 6620	73.3	1.44	200
16	F3088	4152 6620	4150 6620	73.3	1.44	200
16	F3276	4152 6620	4150 6620	73.3	1.44	200
16	F3167	4152 6620	4150 6620	73.3	1.44	200
16	F3169	4152 6620	4150 6620	73.3	1.44	200
16	F3146	4152 6620	4150 6620	73.3	1.44	200
30	S4842	4143 6614	4157 6650	77.8	30.84	299
20	F5157	4151 6621	4150 6619	78.0	1.13	118
16	F3120	4152 6620	4150 6619	78.0	1.56	170
16	F2905	4152 6620	4150 6619	78.0	1.56	170
16	F3078	4152 6620	4150 6619	78.0	1.56	170
25	D5934	4156 6646	4154 6645	80.6	1.06	171
25	S4852	4156 6646	4154 6645	80.6	1.06	171
25	D5707	4156 6646	4154 6646	80.8	1.79	193
25	S4804	4156 6646	4154 6646	80.8	1.79	193
25	D5651	4156 6646	4154 6646	80.8	1.79	193
25	D5898	4156 6646	4157 6650	80.8	3.62	301
25	D5619	4156 6646	4154 6645	81.3	1.06	171
20	F4804	4151 6621	4137 6623	83.0	13.13	187
20	F5094	4151 6621	4137 6623	83.0	13.13	187
20	F4807	4151 6621	4137 6623	83.0	13.13	187
25	D5640	4156 6646	4158 6649	83.0	3.57	315
25	D5687	4156 6646	4158 6649	83.0	3.57	315
25	D5809	4156 6646	4157 6650	83.4	3.62	301
28	F9975	42 7 6652	42 6 67 7	85.4	11.75	265
25	S4795	4156 6646	42 0 6646	89.0	4.59	350
25	D5639	4156 6646	42 0 6646	89.1	4.59	350
20	F4984	4151 6621	4154 6615	90.0	5.95	47
20	F5162	4151 6621	4146 6622	90.0	4.17	192
20	F5075	4151 6621	4154 6615	90.0	5.95	47
21	F5691	4151 6622	4150 6622	90.0	.86	223
26	F8528	42 7 6656	42 5 6651	91.1	3.78	105
26	F8348	42 7 6656	42 5 6649	91.3	5.22	104
20	F5242	4151 6621	4150 6619	92.3	1.13	118
21	F6123	4151 6622	4150 6619	92.3	1.82	107
21	F6056	4151 6622	4150 6619	92.3	1.82	107

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
16	F2964	4152 6620	4150 6619	92.3	1.56	170
26	S 840	42 7 6656	42 6 6654	92.5	.92	91
21	F6264	4151 6622	4138 6621	93.0	12.51	177
21	F6016	4151 6622	4138 6621	93.0	12.51	177
21	F6244	4151 6622	4138 6621	93.0	12.51	177
21	F6201	4151 6622	4138 6621	93.0	12.51	177
21	F6509	4151 6622	4138 6621	93.0	12.51	177
21	F6044	4151 6622	4138 6621	93.0	12.51	177
21	F6249	4151 6622	4138 6621	93.0	12.51	177
21	F6542	4151 6622	4138 6621	93.0	12.51	177
16	F3081	4152 6620	4138 6621	93.0	13.52	183
16	F3163	4152 6620	4138 6621	93.0	13.52	183
21	F6011	4151 6622	4147 6617	94.4	4.88	139
21	F6518	4151 6622	4147 6617	94.4	4.88	139
21	F6420	4151 6622	4150 6619	94.4	1.82	107
21	F6095	4151 6622	4148 6613	94.4	6.84	115
21	F6178	4151 6622	4147 6614	94.4	6.80	119
16	F2902	4152 6620	4150 6619	94.4	1.56	170
21	F6083	4151 6622	42 6 6650	95.0	26.25	306
21	F6066	4151 6622	42 6 6650	95.0	26.25	306
21	F6122	4151 6622	42 6 6650	95.0	26.25	306
21	F6024	4151 6622	42 6 6650	95.0	26.25	306
20	F4812	4151 6621	4152 6622	95.9	1.74	334
20	F4913	4151 6621	4152 6622	95.9	1.74	334
20	F4905	4151 6621	4152 6622	95.9	1.74	334
21	F6051	4151 6622	4149 6619	95.9	2.49	121
21	F6218	4151 6622	4149 6619	95.9	2.49	121
21	F6028	4151 6622	4149 6619	95.9	2.52	132
21	F6226	4151 6622	4149 6619	95.9	2.52	132
21	F6277	4151 6622	4149 6619	95.9	2.52	132
21	F6207	4151 6622	4149 6619	95.9	2.52	132
21	F6576	4151 6622	4149 6619	95.9	2.13	118
21	F6197	4151 6622	4149 6619	95.9	2.13	118
21	F6131	4151 6622	4149 6619	95.9	2.13	118
21	F6059	4151 6622	4154 6625	95.9	4.38	327
16	F2969	4152 6620	4154 6625	95.9	4.70	305
16	F3022	4152 6620	4150 6619	95.9	1.56	170
16	F3005	4152 6620	4150 6619	95.9	1.56	170
16	F2968	4152 6620	4149 6619	95.9	2.73	172
16	F3052	4152 6620	4150 6619	95.9	1.56	170
16	F2965	4152 6620	4149 6619	95.9	2.73	172
16	F3037	4152 6620	4149 6619	95.9	2.73	172
16	F3097	4152 6620	4149 6619	95.9	2.73	172
16	F2963	4152 6620	4149 6619	95.9	2.73	172
16	F3060	4152 6620	4150 6619	95.9	1.56	170
16	F2997	4152 6620	4150 6619	95.9	1.56	170
16	F2982	4152 6620	4149 6619	95.9	2.11	170
16	F3137	4152 6620	4149 6616	95.9	3.60	126
16	F2952	4152 6620	4149 6616	95.9	3.60	126
16	F3181	4152 6620	4149 6616	95.9	3.60	126
16	F3238	4152 6620	4149 6616	95.9	3.60	126

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
16	F3256	4152 6620	4149 6619	95.9	2.11	170
16	F2996	4152 6620	4154 6625	95.9	4.70	305
16	F3190	4152 6620	4154 6625	95.9	4.70	305
16	F3132	4152 6620	4149 6619	95.9	2.11	170
16	F3251	4152 6620	4149 6619	95.9	2.11	170
16	F2918	4152 6620	4149 6619	95.9	2.11	170
16	F3160	4152 6620	4149 6619	95.9	2.11	170
16	F3062	4152 6620	4149 6619	95.9	2.11	170
16	F3273	4152 6620	4149 6619	95.9	2.11	170
26	F7157	42 7 6656	42 6 67 9	96.7	10.21	264
20	F5142	4151 6621	4149 6619	97.0	2.03	146
20	F4816	4151 6621	4149 6619	97.0	2.03	146
21	F6142	4151 6622	4149 6619	97.0	2.52	132
21	F5611	4151 6622	4149 6620	99.3	1.81	138
21	F5559	4151 6622	4149 6620	99.3	1.81	138
21	F5633	4151 6622	4149 6620	99.3	1.81	138
26	F8388	42 7 6656	42 4 6653	100.3	2.75	146
21	F6597	4151 6622	4147 6621	104.0	3.67	178
21	F6089	4151 6622	4147 6621	104.0	3.98	174
21	F6446	4151 6622	4147 6621	104.0	3.67	178
21	F6290	4151 6622	4147 6621	104.0	3.67	178
16	F3153	4152 6620	4147 6621	104.0	4.86	196
26	F8337	42 7 6656	42 4 6654	105.1	2.21	158
16	F3041	4152 6620	42 8 6649	106.8	27.87	307
16	F3206	4152 6620	42 8 6649	106.8	27.87	307
36	S4215	4130 6627	4131 6630	108.4	2.83	294
36	S4531	4130 6627	4131 6630	108.4	2.83	294
36	S4164	4130 6627	4131 6630	108.4	2.83	294
36	S4481	4130 6627	4131 6630	108.4	2.83	294
36	S4493	4130 6627	4131 6630	108.4	2.83	294
25	D5770	4156 6646	4158 6649	112.1	3.57	315
25	D5764	4156 6646	4152 6649	112.3	4.55	209
36	S4486	4130 6627	4158 6649	113.0	33.08	329
25	S4845	4156 6646	4158 6649	113.0	3.57	315
25	S4853	4156 6646	4158 6649	113.0	3.57	315
36	S4541	4130 6627	4129 6628	117.4	1.39	230
30	S 243	4143 6614	4142 6613	121.1	.29	108
30	S 428	4143 6614	4142 6613	121.1	.29	108
30	S 287	4143 6614	4143 6614	125.5	.46	274
21	F6152	4151 6622	4153 6616	127.4	4.70	55
21	F6228	4151 6622	4153 6616	127.4	4.70	55
21	F6464	4151 6622	4153 6616	127.4	4.70	55
21	F6213	4151 6622	4153 6616	127.4	4.70	55
21	F6270	4151 6622	4153 6616	127.4	4.70	55
21	F6516	4151 6622	4153 6616	127.4	4.70	55
16	F3187	4152 6620	4153 6616	127.4	2.90	54
16	F3069	4152 6620	4153 6616	127.4	2.90	54
16	F3015	4152 6620	4153 6616	127.4	2.90	54
16	F3070	4152 6620	4153 6616	127.4	2.90	54
16	F3192	4152 6620	4153 6616	127.4	2.90	54
16	F2939	4152 6620	4153 6616	127.4	2.90	54

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N. MILES)	BEARING
16	F3072	4152 6620	4153 6616	127.4	2.90	54
29	F9699	42 8 6652	42 6 6649	127.7	2.51	127
29	F9406	42 8 6652	42 6 6649	127.7	2.51	127
29	F9771	42 8 6652	42 6 6649	127.7	2.51	127
29	F9603	42 8 6652	42 6 6649	127.7	2.51	127
29	F9829	42 8 6652	42 6 6649	127.7	2.51	127
29	F9506	42 8 6652	42 6 6649	127.7	2.51	127
29	F9715	42 8 6652	42 6 6649	127.7	2.51	127
36	S4440	4130 6627	4129 6628	128.0	1.43	247
36	S4424	4130 6627	4129 6628	128.0	1.43	247
36	S4422	4130 6627	4129 6628	128.0	1.43	247
28	F9125	42 7 6652	42 2 6646	128.2	5.96	132
28	F9363	42 7 6652	42 2 6646	128.2	5.96	132
29	F9667	42 8 6652	42 2 6646	128.2	6.72	141
29	F9803	42 8 6652	42 2 6646	128.2	6.72	141
29	F9755	42 8 6652	42 2 6646	128.2	6.72	141
29	F9797	42 8 6652	42 2 6646	128.2	6.72	141
29	F9417	42 8 6652	42 2 6646	128.2	6.72	141
29	F9525	42 8 6652	42 2 6646	128.2	6.72	141
29	F9455	42 8 6652	42 2 6646	128.2	6.72	141
29	F9848	42 8 6652	42 2 6646	128.2	6.72	141
29	F9560	42 8 6652	42 2 6646	128.2	6.72	141
29	F9568	42 8 6652	42 2 6646	128.2	6.72	141
21	F6582	4151 6622	4151 6619	128.7	1.77	85
16	F3290	4152 6620	4151 6620	128.7	.98	194
16	F3264	4152 6620	4151 6620	128.7	.98	194
29	F9883	42 8 6652	42 6 6650	128.7	1.87	135
29	F9522	42 8 6652	42 6 6650	128.7	1.87	135
29	F9405	42 8 6652	42 6 6650	128.7	1.87	135
29	F9610	42 8 6652	42 6 6650	128.7	1.87	135
28	F9314	42 7 6652	42 0 6637	129.0	12.52	118
25	D4765	4156 6646	4159 6648	129.4	3.74	329
25	D5630	4156 6646	4152 6647	130.0	4.10	193
35	S3609	4126 6623	4123 6624	130.2	3.19	207
21	F6071	4151 6622	4150 6620	130.8	1.51	99
21	F6276	4151 6622	4150 6620	130.8	1.51	99
21	F6097	4151 6622	4150 6620	130.8	1.51	99
21	F6581	4151 6622	4150 6620	130.8	1.51	99
21	F6571	4151 6622	4150 6620	130.8	1.51	99
21	F6539	4151 6622	4150 6620	130.8	1.51	99
16	F3257	4152 6620	4151 6620	130.8	.98	194
16	F2945	4152 6620	4151 6620	130.8	.98	194
16	F3162	4152 6620	4151 6620	130.8	.98	194
16	F3296	4152 6620	4151 6620	130.8	.98	194
16	F3104	4152 6620	4151 6620	130.8	.98	194
16	F2920	4152 6620	4151 6620	130.8	.98	194
16	F3107	4152 6620	4151 6620	130.8	.98	194
16	F3004	4152 6620	4151 6620	130.8	.98	194
16	F3272	4152 6620	4151 6620	130.8	.98	194
28	F9154	42 7 6652	42 5 6650	135.2	1.87	148
25	D5709	4156 6646	4152 6644	137.7	3.45	163

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
28	F9979	42 7 6652	42 8 6642	138.2	7.44	77
35	S3554	4126 6623	4135 6626	141.8	10.15	345
35	S3729	4126 6623	4135 6626	141.8	10.15	345
36	S4332	4130 6627	4131 6628	144.4	2.16	324
36	S4278	4130 6627	4131 6628	144.4	2.16	324
29	F9839	42 8 6652	42 0 6656	152.0	8.25	205
20	F5284	4151 6621	4150 6617	153.2	2.35	105
20	F5040	4151 6621	4150 6617	153.2	2.35	105
20	F4914	4151 6621	4150 6617	153.2	2.35	105
20	F4755	4151 6621	4149 6620	155.5	1.42	161
25	D5757	4156 6646	4158 6718	157.6	24.39	276
26	F8340	42 7 6656	42 3 6653	157.6	3.52	152
32	S1998	4128 6626	4124 6623	158.4	3.55	147
16	F3002	4152 6620	42 0 6629	158.5	11.31	321
32	S1531	4128 6626	4130 6624	158.6	3.08	20
30	S 175	4143 6614	4127 6624	158.7	17.86	206
30	E4927	4143 6614	4143 6613	159.0	.89	4
32	S1965	4128 6626	4130 6624	159.1	3.08	20
32	S1757	4128 6626	4130 6624	159.1	3.08	20
21	F5335	4151 6622	4158 6630	159.1	9.90	322
35	S4223	4126 6623	4125 6623	159.4	.56	189
35	S4073	4126 6623	4125 6623	159.4	.56	189
35	S4243	4126 6623	4125 6623	159.4	.56	189
32	S1820	4128 6626	4125 6622	159.7	3.21	130
35	S3618	4126 6623	4125 6622	159.9	.20	117
32	S1622	4128 6626	4125 6622	159.9	3.21	130
20	F5265	4151 6621	4142 6613	160.4	9.79	145
20	F4786	4151 6621	42 0 6639	160.8	16.78	304
34	S3235	4133 6618	4132 6620	165.1	1.56	264
34	S3287	4133 6618	4132 6614	165.7	2.44	99
35	S3986	4126 6623	4128 6623	168.9	2.45	348
28	F9101	42 7 6652	4151 6610	169.0	34.68	116
28	F9949	42 7 6652	4151 6610	169.0	34.68	116
28	F9180	42 7 6652	4151 6610	169.0	34.68	116
28	F9274	42 7 6652	4152 6646	172.9	15.13	165
28	F9157	42 7 6652	4152 6646	172.9	15.13	165
33	S2599	4130 6616	4132 6617	174.7	2.61	329
32	S1990	4128 6626	4129 6627	175.1	1.43	318
35	S3565	4126 6623	4126 6625	176.6	2.05	297
28	F9260	42 7 6652	42 7 6651	180.9	.40	26
28	F9178	42 7 6652	42 9 6652	182.1	2.05	359
32	S1739	4128 6626	4120 6628	186.6	7.56	192
27	F8806	42 9 6652	42 1 6650	193.0	7.69	169
32	S1684	4128 6626	42 5 67 5	197.4	47.65	321
31	S1208	4126 6622	4117 6629	202.4	10.11	215
35	S3679	4126 6623	4117 6629	202.4	9.70	211
34	S 31	4133 6618	4130 6617	205.1	2.25	177
31	S1176	4126 6622	4127 6623	205.3	1.67	322
31	S1090	4126 6622	4115 6630	205.3	12.22	212
34	S2000	4133 6618	4115 6630	205.3	19.77	209
33	S2866	4130 6616	4130 6616	205.9	.79	348

DROP #	TAG #	DROP LOCATION	REC LOCATION	WEEKS OUT	DISTANCE (N.MILES)	BEARING
25	D5914	4156 6646	4154 6645	206.0	1.06	171
31	S1116	4126 6622	4126 6622	208.0	.82	357
32	S1635	4128 6626	4119 6627	208.0	8.64	189
32	S1875	4128 6626	4129 6622	208.2	2.64	60
32	S1988	4128 6626	4129 6622	208.2	2.64	60
36	S 900	4130 6627	4133 6627	208.7	3.48	357
36	S4634	4130 6627	4133 6627	208.7	3.48	357
36	S4578	4130 6627	4133 6627	208.7	3.48	357
36	S4113	4130 6627	4133 6627	208.7	3.48	357
36	S4172	4130 6627	4130 6630	208.9	2.95	284
35	S3747	4126 6623	4128 6629	209.6	5.59	292
36	S4503	4130 6627	4134 6624	209.6	4.54	21
36	S4444	4130 6627	4132 6626	209.6	2.56	13
36	S4226	4130 6627	4128 6629	209.6	2.83	229
36	S4276	4130 6627	4128 6629	209.6	2.83	229
36	S4557	4130 6627	4128 6629	209.6	2.83	229
35	S3932	4126 6623	4127 6627	210.6	3.58	296
32	S1648	4128 6626	4127 6622	210.6	2.55	102
31	S1469	4126 6622	4125 6623	211.4	1.01	236
36	S4542	4130 6627	4132 6629	225.0	2.86	314
36	S4612	4130 6627	4130 6628	252.0	1.22	303
33	S2470	4130 6616	4132 6617	259.0	2.61	329
34	S3244	4133 6618	4132 6617	259.0	.77	167
34	S3292	4133 6618	4132 6617	259.0	.77	167
34	S3082	4133 6618	4132 6617	259.0	.77	167

Table 3 . List of tagged sea scallop recoveries that were reported recaptured more than 10 miles from the point of release.

Drop No.	Tag No.	Weeks Out	Distance	Bearing	Drop No.	Tag No.	Weeks Out	Distance	Bearing
25	S4825	25.6	10.7	024	20	F4804+	83.0	13.1	187
30	S 159+	29.6	10.8	339	28	F9975	85.4	11.7	265
26	F7163	30.7	14.7	137	21	F6264	93.0	12.5	177
26	F8486+	34.1	19.6	098	16	F3081	93.0	13.5	183
35	S4045+	45.1	11.9	008	21	F6083+	95.0	26.2	306
28	F9966	48.1	23.1	103	26	F7157	96.7	10.2	264
36	S4220	49.0	17.2	032	16	F3041+	106.8	27.9	307
33	S2498+	50.6	16.3	006	36	S4486	113.0	33.1	329
34	S3457+	50.6	13.6	013	28	F9314	129.0	12.5	118
30	E4961	50.6	12.5	112	35	S3554+	141.8	10.2	345
33	S2415+	50.8	17.5	344	25	D5757	157.6	24.4	276
30	S 643+	53.4	35.9	312	16	F3002	158.5	11.3	321
34	S3294	55.9	10.3	014	30	S 175	158.7	17.9	206
33	S2806	56.0	11.8	019	20	F4786	160.8	16.8	304
25	D5682	56.0	17.8	095	28	F9101+	169.0	34.7	116
28	F9361	57.0	12.1	076	28	F9274	172.9	15.1	165
30	E4900+	59.4	12.4	335	25	D5766	188.6	16.4	294
26	S 887+	60.4	28.0	130	32	S1684	197.4	47.6	321
16	F3144	64.7	18.7	282	31	S1208	202.4	10.1	215
16	F2714	66.0	26.6	294	34	S2000	205.3	19.8	209
21	F5656	66.0	25.7	298	31	S1090	205.3	12.2	212
30	S4842	77.8	30.8	299					

Table 4. Number of recaptures by yearly intervals and percent returns by distance between release point and reported recapture point.

Distance (miles)	0-2	2-5	5-10	>10	
Time out (years)					Number
< 1	47.6	33.3	6.0	13.1	84
1-2	37.2	34.3	11.8	16.7	102
2-3	33.3	44.4	11.1	11.1	36
3-4	25.6	30.8	15.4	28.2	39
4-5	20.0	66.7	13.3	00.0	15
Totals	37.3	36.6	10.5	15.6	276

Table 5. Direction of movement of tagged sea scallops away from point of release by quadrant and years at large.

Quadrant	001-090	091-180	181-270	271-360	001-360
Years					
< 1	14	29	13	28	84
1-2	9	52	17	24	102
2-3	4	12	10	10	36
3-4	4	12	9	14	39
4-5	3	2	3	7	15
Totals	34	109	52	83	276

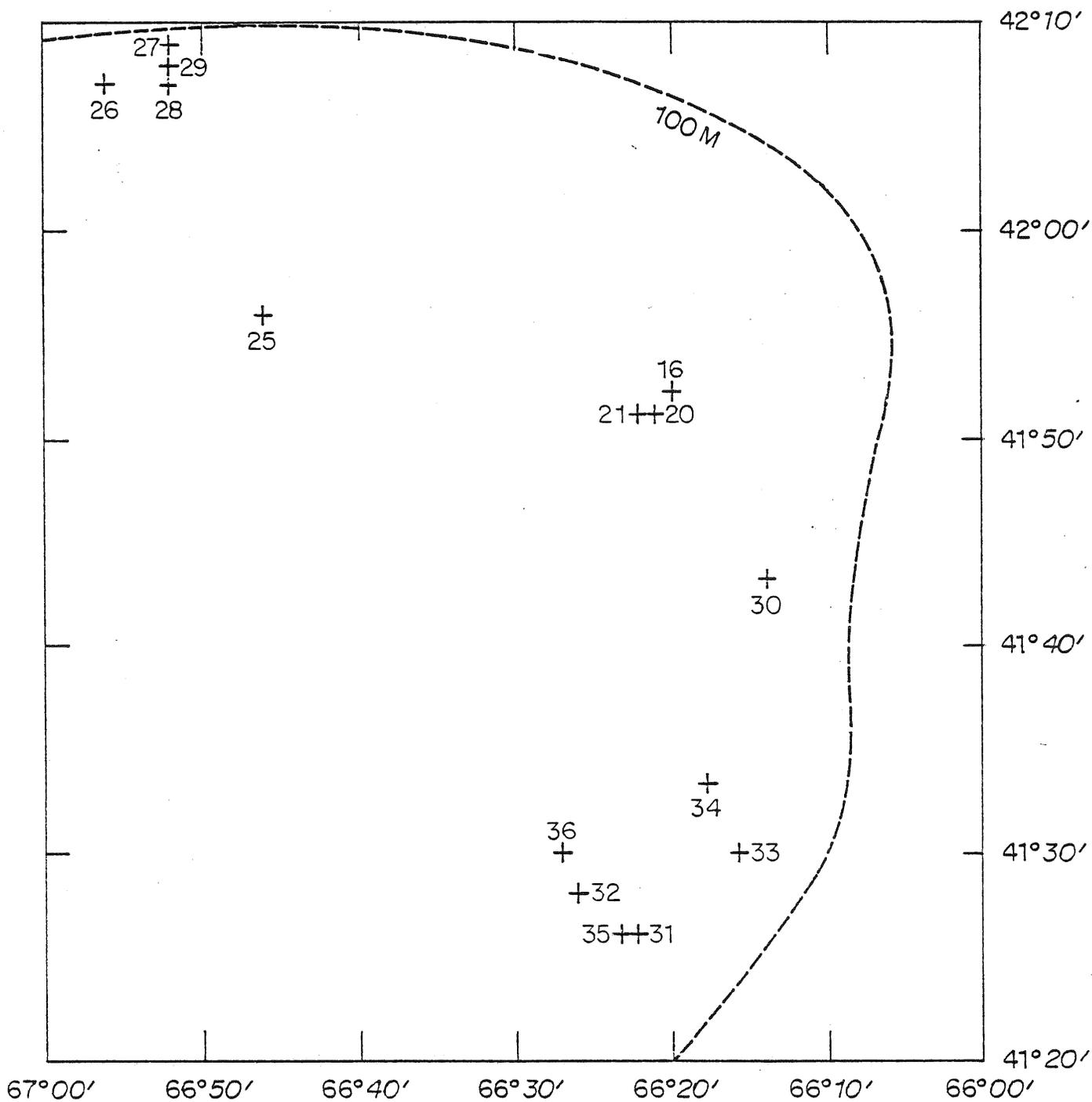
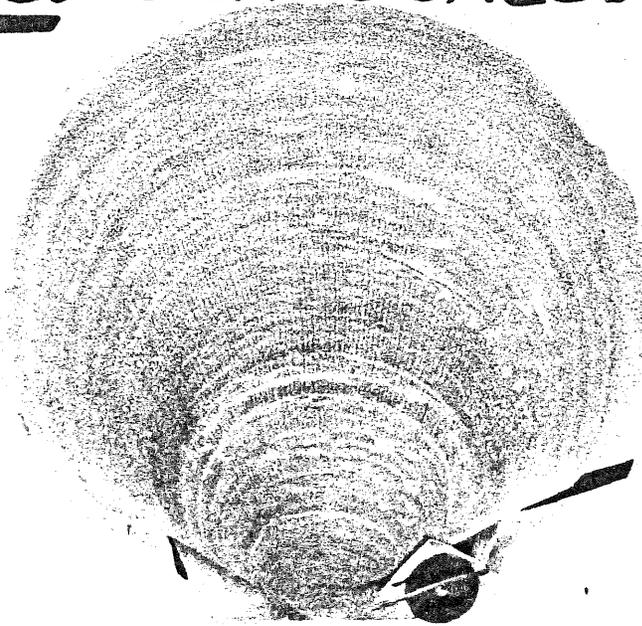


FIGURE 1. Locations and drop numbers of the releases of tagged sea scallops on eastern Georges Bank.

\$ 1.00

# "REWARD"

FOR EACH  
TAGGED SEA SCALLOP SHELL



NA  
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24848  
A  
-TAG-

GIVE SHELL, DATE <sup>and</sup> PLACE OF CAPTURE TO ANY  
REPRESENTATIVE <sup>of the</sup>  
U.S. FISH <sup>and</sup> WILDLIFE SERVICE

FIGURE 2. Reward poster used to publicize the sea scallop tagging experiment.

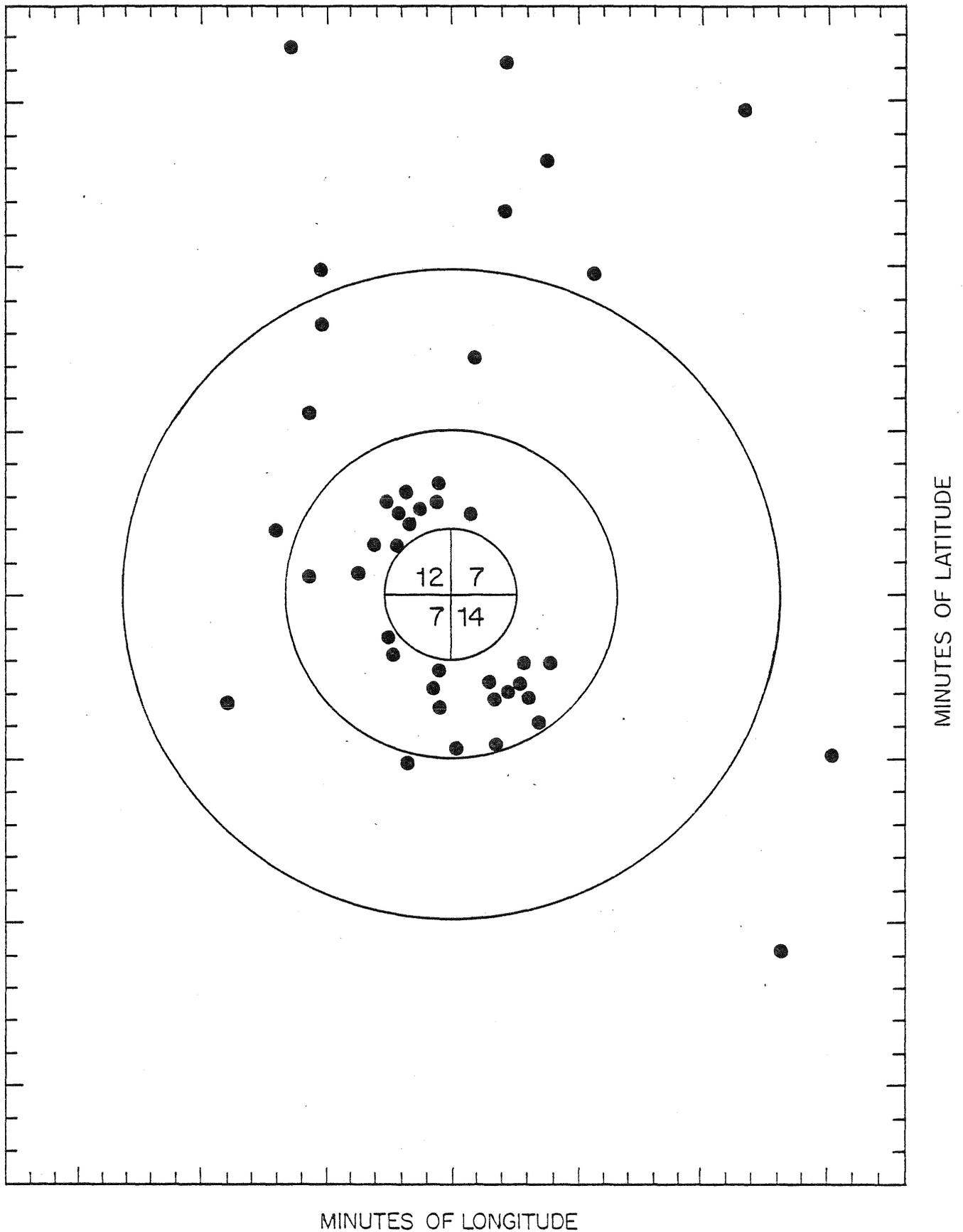


FIGURE 3. Locations at which tagged sea scallops were reported recaptured during the first year after release relative to the location at which they were released. The figures inside the 2 mile circle give the number of recoveries in each quadrant.

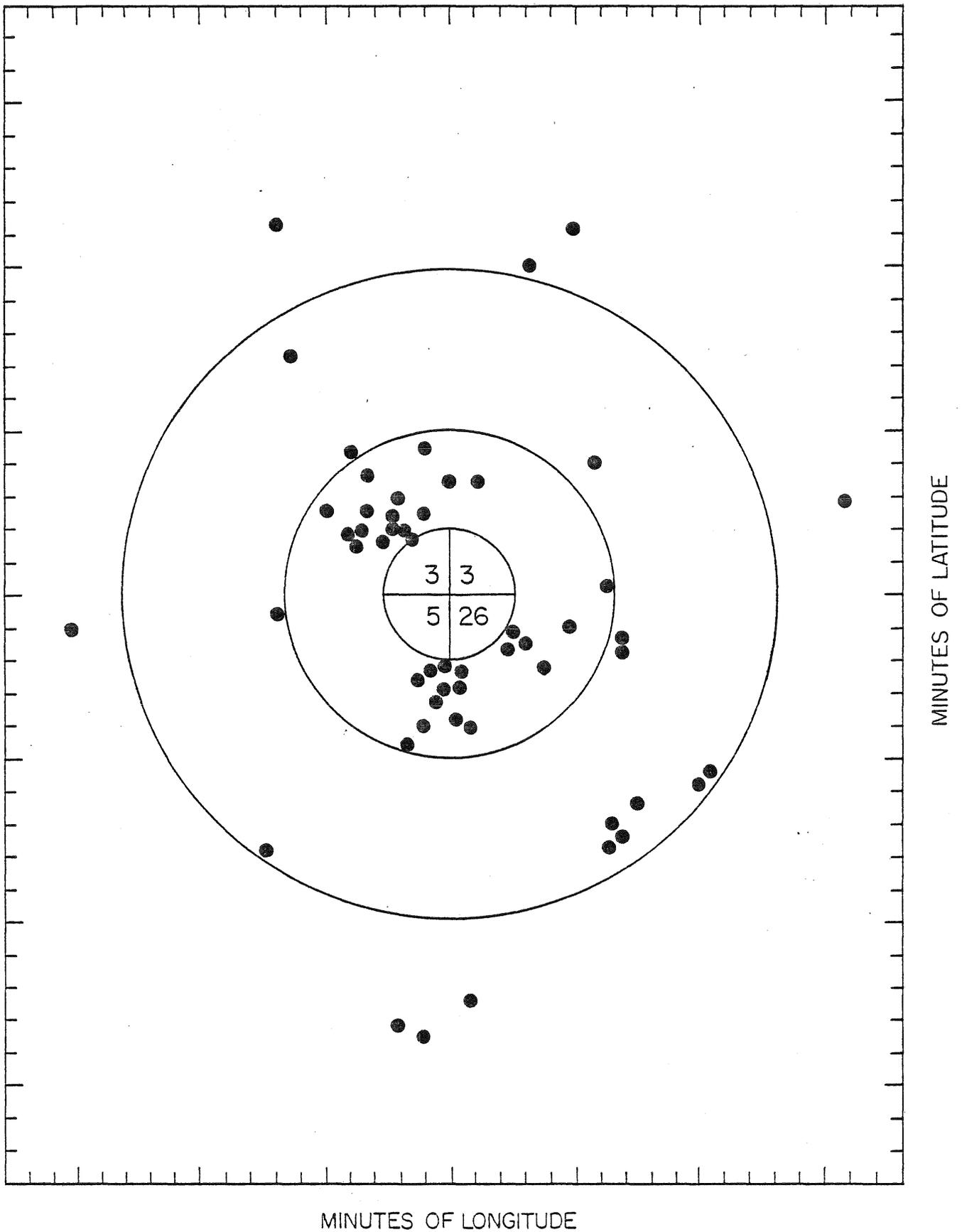


FIGURE 4. Locations at which tagged sea scallops were reported recaptured during the second year after release relative to the location at which they were released. The figures inside the 2 mile circle give the number of recoveries in each quadrant.

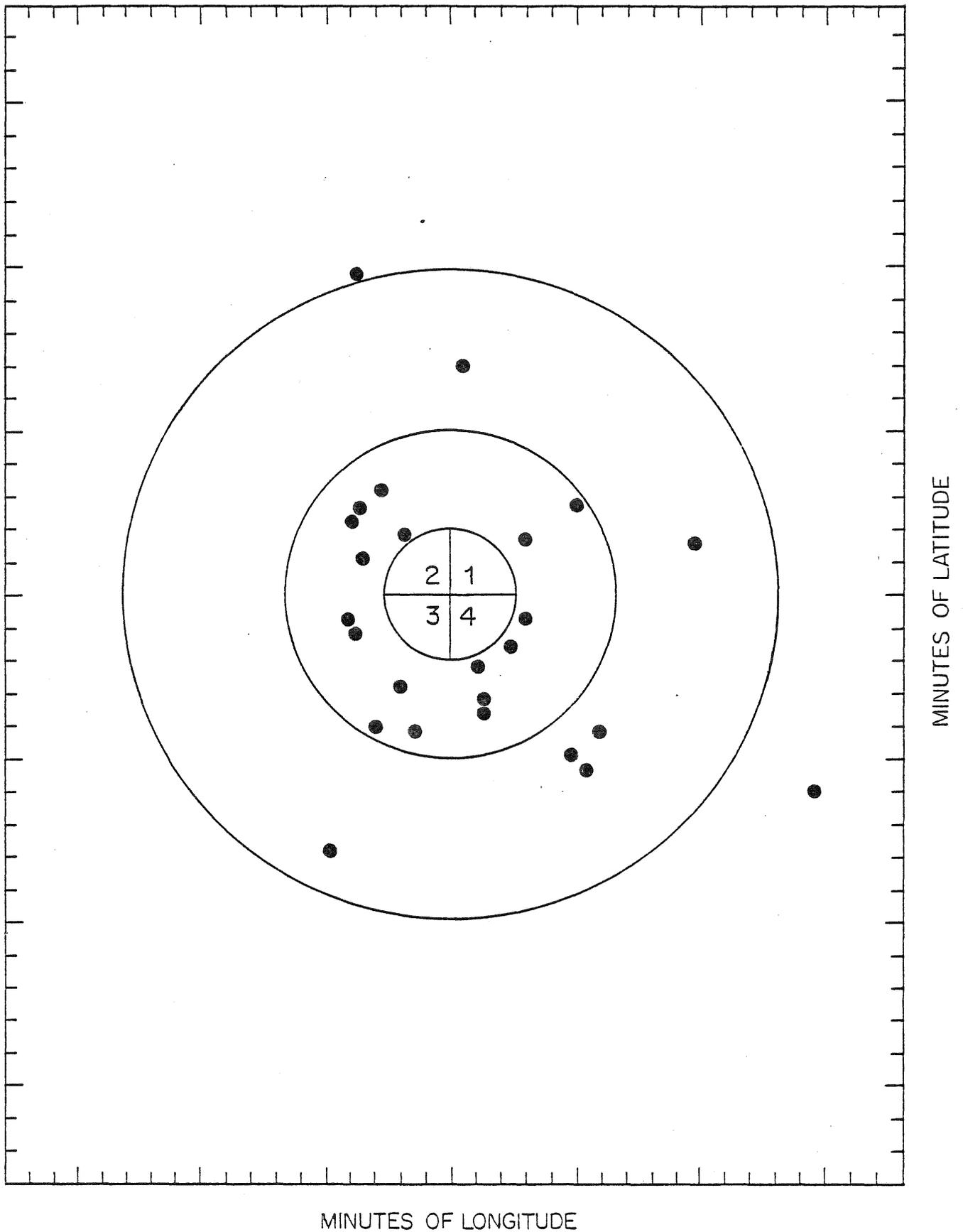


FIGURE 5. Locations at which tagged sea scallops were reported recaptured during the third year after release relative to the location at which they were released. The figures inside the 2 mile circle give the number of recoveries in each quadrant.

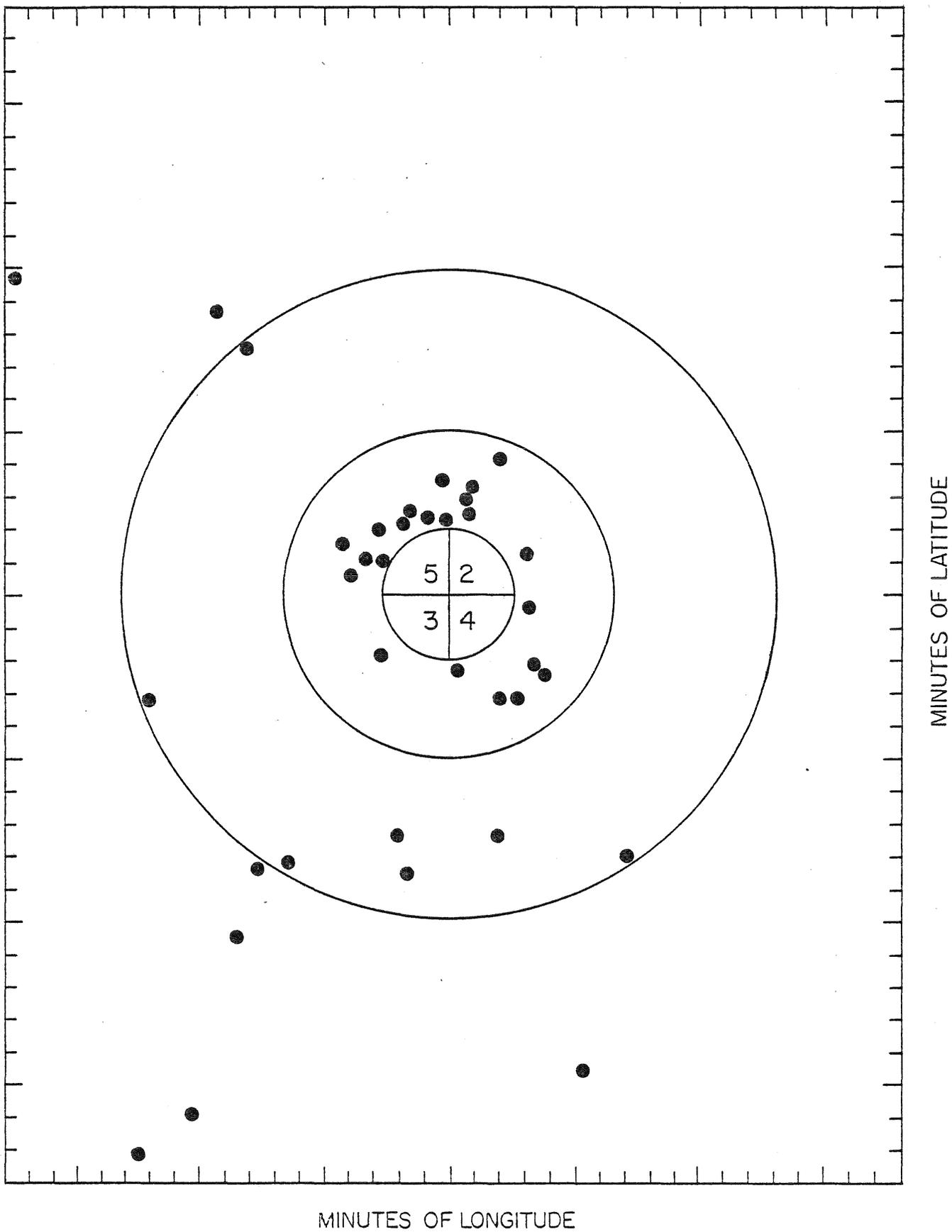


FIGURE 6. Locations at which tagged sea scallops were reported recaptured during the fourth and fifth year after release relative to the location at which they were released. The figures inside the 2 mile circle give the number of recoveries in each quadrant.