Michael Link

From: Michael Link
Sent: Saturday, July 9, 2022 7:15 PM
To: Scott Raborn
Cc: Michael Link
Subject: PMTF Catch Update #30, July 9 2022
Attachments: PMTF Catch Update #30 July 9 2022.pdf; PMTF_RawData - July 9 2022.pdf

Attached is tonight's catch update.

Catches picked up today and the distribution of fish across the transect was wider than it has been of late. Station 2 had its biggest index of the season and station 4 its biggest in over two weeks.

The increase in catches today could be caused by an uptick in fish passage and/or a change in the vulnerability of the run to the test fishery. We know that both can contribute to late-season bumps in the index.

As noteworthy an aspect about today's results is that enough fish were caught over yesterday and today to enable the 12th set of stock composition estimates of 2022. Like the prior 11 sets of estimates this season, the set from July 8-9 should paint an accurate picture of where fish passing Port Moller are going to arrive in about a week. This could be the last set for 2022 but we will need to see what the fish passage does over the next couple days to make a final decision.

The crews on the Ocean Cat and Halfmoon Bay did an another amazing job out there today. They have been working long days every day since late May; we are lucky to have such a great team on the water.

PMTF Stock Composition Status: Our collective goal for the 12th set of stock composition estimates for fish caught on July 8-9 is late tomorrow night (Sunday) or by the morning of July 11th (Monday).

Index by Station

S-1: 0 (station minus 1)
S2: 46
S4: 10
S6: 2
S8: 16
S10: 73
S12: 9
S14: 68
S16: 21
S18: 104
S20: 14

Michael and Scott

Port Moller Test Fishery: Catch Update #30, 9 July 2022.

All updates sent by email are also posted online at www.bbsri.org

	Daily Catch Index by Station (Est. catch from the 200 fathom net if it had fished for 1 hr)											Mean Daily Catch Index		Raw catches		Mean Length (mm)	
												Best for comparison w/ prev years	Best for assessing entry pattern this year				
Date	S2	S4	S6	S8	S10	S12	S14	S16	S18	S20	S22	(Stns 2-10)	(Stns 2-22)	4½" mesh	5⅛" mesh	4½" mesh	5⅛" mesh
10-Jun	1	2	5	9	10	2	32	0	2	0	0	5	6	14	5	498	562
11-Jun	1	2	8	0	0	79	2	4	0	2	1	2	9	1	53	501	527
12-Jun	0	2	8	7	0	16	2	0	4	2	0	3	4	8	14	529	528
13-Jun	1	0	87	19	2	44	0	7	2	0	8	22	16	58	91	514	531
14-Jun	2	0	2	52	70	134	38	0	0	0	1	25	27	73	94	514	524
15-Jun	2	0	13	42	0	74	65	0	10	0	1	11	19	49	37	501	521
16-Jun	3	0	0	82	247	100	0	0	4	2	1	66	40	117	143	497	523
17-Jun	3	15	323	118	114	213	75	17	7	3	2	115	81	233	220	513	534
18-Jun	0	3	27	36	156	41	0	0	0	2	4	44	24	45	74	504	518
19-Jun	0	5	0	252	194	24	0	48	4	0	4	90	48	125	148	507	532
20-Jun	5	7	111	16	47	0	3	46	2	11	5	37	23	86	35	505	533
21-Jun	5	40	204	45	120	48	6	63	120	3	6	83	60	149	159	505	534
22-Jun	8	0	50	41	4	26	18	38	84	0	0	20	24	85	28	519	530
23-Jun	30	0	155	62	4	25	31	0	9	125	8	50	41	94	128	520	529
24-Jun	0	0	123	238	16	92	7	75	0	0	7	75	51	109	152	513	535
25-Jun	9	3	81	261	33	25	0	96	46	20	6	77	53	115	120	516	536
26-Jun	3	0	0	8	3	0	3	56	48	19	6	3	13	3	1	488	533
27-Jun	0	0	8	4	4	0	0	82	3	0	5	3	10	23	15	515	526
28-Jun	0	5	3	45	2	4	0	116	90	0	13	11	25	58	69	521	531
29-Jun	0	3	3	0	0	0	0	113	18	0	0	1	12	31	29	528	529
30-Jun	3	8	0	3	16	0	198	198	38	42	6	6	46	111	141	514	534
1-Jul	0	5	31	2	55	0	0	344	3	28	7	19	43	118	130	516	527
2-Jul	8	36	62	0	2	0	25	237	141	17	0	22	48	162	136	524	525
3-Jul	0	3	0	0	0	0	0	170	27	23	9	1	21	82	58	513	531
4-Jul	0	7	18	0	0	0	0	31	131	16	9	5	19	49	54	511	520
5-Jul	4	4	19	0	0	0	0	18	102	50	9	6	19	58	30	514	520
6-Jul	3	0	0	10	0		32	71	68	78	10	3	27	51	89	513	516
7-Jul	3	5	2	12	25	5	32	15	21	0	9	9	12	33	32	515	526
8-Jul	16	8	6	0	13	3	34	4	0	0	7	9	8	24	15	512	531
9-Jul	46	10	2	16	73	9	68	21	104	14	13	29	34	105	100	516	529
10-Jul	-	-	-	-	-	-	-	-	-	-	-						
11-Jul	-	-	-	-	-	-	-	-	-	-	-						
12-Jul	-	-	-	-	-	-	-	-	-	-	-						
Mean Stn Index	5	6	45	46	40	33	22	62	36	15	5		Total =	2269 (49%)	2400 (51%)	513	529

Red index values were estimated with a statistical model built upon the observed pattern across catch indices to date; thus, these values are subject to change as the season progresses.