

# Tanner Crab 2022 Assessment Appendix G: Management Performance Tables–All Models

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Table 1: Management performance for 22.01 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	17.69	63.56	0.50	0.49	0.78	27.17	21.74
2022/23	NA	48.68	NA	NA	NA	33.55	25.16

Table 2: Management performance for 22.01 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	39.00	140.14	1.10	1.09	1.72	59.89	47.91
2022/23	NA	107.32	NA	NA	NA	73.96	55.47

Table 3: Basis for the OFL for Model 22.01 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	35.38	48.68	1.38	1.15	1982-2021	0.23

Table 4: Basis for the OFL fir Model 22.01 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	78.00	107.32	1.38	1.15	1982-2021	0.23

Table 5: Management performance for 22.07 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	17.71	61.73	0.50	0.49	0.78	27.17	21.74
2022/23	NA	47.24	NA	NA	NA	32.81	24.61

Table 6: Management performance for 22.07 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	39.04	136.09	1.10	1.09	1.73	59.89	47.91
2022/23	NA	104.15	NA	NA	NA	72.34	54.26

Table 7: Basis for the OFL for Model 22.07 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	35.42	47.24	1.33	1.24	1982-2021	0.23

Table 8: Basis for the OFL fir Model 22.07 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	78.09	104.15	1.33	1.24	1982-2021	0.23

Table 9: Management performance for 22.08 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	20.15	73.24	0.50	0.49	0.79	27.17	21.74
2022/23	NA	56.07	NA	NA	NA	39.68	29.76

Table 10: Management performance for 22.08 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	44.41	161.46	1.10	1.09	1.73	59.89	47.91
2022/23	NA	123.61	NA	NA	NA	87.48	65.61

Table 11: Basis for the OFL for Model 22.08 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	40.29	56.07	1.39	1.29	1982-2021	0.23

Table 12: Basis for the OFL fir Model 22.08 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	88.83	123.61	1.39	1.29	1982-2021	0.23

Table 13: Management performance for 22.09 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	17.69	63.58	0.50	0.49	0.79	27.17	21.74
2022/23	NA	48.68	NA	NA	NA	33.52	25.14

Table 14: Management performance for 22.09 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	39.00	140.17	1.10	1.09	1.74	59.89	47.91
2022/23	NA	107.33	NA	NA	NA	73.90	55.42

Table 15: Basis for the OFL for Model 22.09 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	35.38	48.68	1.38	1.12	1982-2021	0.23

Table 16: Basis for the OFL fir Model 22.09 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	78.00	107.33	1.38	1.12	1982-2021	0.23

Table 17: Management performance for 22.10 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	17.37	62.07	0.50	0.49	0.73	27.17	21.74
2022/23	NA	47.59	NA	NA	NA	32.78	24.59

Table 18: Management performance for 22.10 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	38.29	136.84	1.10	1.09	1.61	59.89	47.91
2022/23	NA	104.92	NA	NA	NA	72.27	54.20

Table 19: Basis for the OFL for Model 22.10 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	34.73	47.59	1.37	1.12	1982-2021	0.23

Table 20: Basis for the OFL fir Model 22.10 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	76.57	104.92	1.37	1.12	1982-2021	0.23

Table 21: Management performance for 22.11 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	17.71	61.75	0.50	0.49	0.73	27.17	21.74
2022/23	NA	47.24	NA	NA	NA	32.80	24.60

Table 22: Management performance for 22.11 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	39.04	136.14	1.10	1.09	1.60	59.89	47.91
2022/23	NA	104.14	NA	NA	NA	72.32	54.24

Table 23: Basis for the OFL for Model 22.11 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	35.42	47.24	1.33	1.19	1982-2021	0.23

Table 24: Basis for the OFL fir Model 22.11 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	78.08	104.14	1.33	1.19	1982-2021	0.23

Table 25: Management performance for 22.03 (in 1000's t). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	15.15	64.09	1.13	1.13	2.37	25.42	20.33
2018/19	20.54	82.61	1.11	1.11	1.90	20.87	16.70
2019/20	18.31	56.15	0.00	0.00	0.54	28.86	23.09
2020/21	17.97	56.34	1.07	0.66	0.96	21.13	16.90
2021/22	17.37	62.05	0.50	0.49	0.73	27.17	21.74
2022/23	NA	47.58	NA	NA	NA	32.81	24.61

Table 26: Management performance for 22.03 (in millions of pounds). TAC is summed across ADFG management areas.

Year	MSST	Biomass (MMB)	TAC	Retained Catch	Total Catch	OFL	ABC
2017/18	33.40	95.49	2.50	2.50	5.22	56.03	44.83
2018/19	45.27	182.09	2.44	2.44	4.18	46.01	36.82
2019/20	40.36	123.77	0.00	0.00	1.20	63.62	50.89
2020/21	39.61	124.19	2.35	1.44	2.11	46.58	37.26
2021/22	38.29	136.79	1.10	1.09	1.60	59.89	47.91
2022/23	NA	104.88	NA	NA	NA	72.34	54.25

Table 27: Basis for the OFL for Model 22.03 (in 1,000's t).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	29.17	47.04	1.49	0.75	1982-2017	0.23
2018/19	3a	21.87	23.53	1.08	0.93	1982-2018	0.23
2019/20	3b	41.07	39.55	0.96	1.08	1982-2019	0.23
2020/21	3b	36.62	35.31	0.96	0.93	1982-2019	0.23
2021/22	3a	35.94	42.57	1.18	1.17	1982-2020	0.23
2022/23	3a	34.73	47.58	1.37	1.17	1982-2021	0.23

Table 28: Basis for the OFL fir Model 22.03 (in millions of pounds).

Year	Tier	Bmsy	Projected MMB	B/Bmsy	Fofl	Years to Define Bmsy	Natural Mortality
2017/18	3a	64.30	103.70	1.49	0.75	1982-2017	0.23
2018/19	3a	48.21	51.87	1.08	0.93	1982-2018	0.23
2019/20	3b	90.53	87.18	0.96	1.08	1982-2019	0.23
2020/21	3b	80.72	77.84	0.96	0.93	1982-2019	0.23
2021/22	3a	79.23	93.85	1.18	1.17	1982-2020	0.23
2022/23	3a	76.57	104.88	1.37	1.17	1982-2021	0.23