

Addendum to: Further 2018 west coast rock lobster assessment and associated biomass projections results

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Summary

This Addendum provides further results for the two-step TAC phase down option, where the distribution of the TAC amongst the Super-areas is changed. The shifts from A8+ are to either or both of A34 and A7. The Results are shown in the Tables and Figures below, and correspond to the “7% recovery” option.

Note that the shift does not result in a change in the final B75m value for the resource as a whole, but there are changes for the individual Super-areas.

Table Add.1: **2 Year Step down** set of annual TAC values for each Super-area for different super-area TAC proportion splits for the 7% recovery option. Results corresponding to a TAC distribution change are shown in **red**.

Management Objective	A12 2018/2019+	A34 2018/2019+	A56 2018/2019+	A7 2018/2019+	A8 2018/2019+
B(2025/2006)=1.07 Current super-area TAC proportions	26/6	128/29	86/19	128/29	717/161
B(2025/2006)=1.07 10% shift from A8+ to A34	26/6	200/45	86/19	128/29	645/145
B(2025/2006)=1.07 10% shift from A8+ to A7	26/6	128/29	86/19	200/45	645/145
B(2025/2006)=1.07 5% shift from A8+ to A34 and 5% shift from A8+ to A7	26/6	164/37	86/19	164/37	645/145
B(2025/2006)=1.07 5% shift from A8+ to A34 and 5% shift from A8+ to A7	26/6	164/37	86/19	164/37	645/145
B(2025/2006)=1.07 10% shift from A8+ to A34 and 10% shift from A8+ to A7	26/6	200/45	86/19	200/45	573/129

Table Add.2: **2 year step** down options – B75m(2025/2006) summary statistics for different super-area TAC proportion splits for the “7% recovery” option. Results corresponding to a TAC distribution change are shown in **red**.

B75m (2025/2006)	B(2025/2006) =1.07 TAC=1084/244 MT Current super-area TAC proportions	B(2025/2006)=1.07 10% shift from A8+ to A34	B(2025/2006)=1.07 10% shift from A8+ to A7	B(2025/2006)=1.07 5% shift from A8+ to A34 and 5% shift from A8+ to A7	B(2025/2006)=1.07 10% shift from A8+ to A34 and 10% shift from A8+ to A7
A1+2	0.925	0.925	0.925	0.925	0.925
A3+4	0.948	0.919	0.948	0.934	0.903
A5+6	2.698	2.698	2.698	2.698	2.698
A7	0.930	0.930	0.879	0.904	0.878
A8	0.873	0.889	0.889	0.889	0.909
Total	1.071	1.071	1.071	1.071	1.067

Figure Add.1: The Super-area B75m trajectories for the 2-step down management target of a “7% recovery” – for different super-area TAC proportion splits.

