

# 11. Assessment of the Shortraker Rockfish stock in the Gulf of Alaska

[2019]

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[NOTE: In accordance with the approved schedule, no assessment was conducted for this stock this year, however, a full stock assessment will be conducted in 2021. Until then, the values generated from the previous stock assessment (below) will be rolled over for 2021 specifications]

## Summary of Results

Quantity	As estimated or specified last year for:		As estimated or recommended this year for:	
	2019	2020	2020	2021
$M$ (natural mortality rate)	0.03	0.03	0.03	0.03
Tier	5	5	5	5
Biomass (t)	38,361	38,361	31,465	31,465
$F_{OFL}$	$F=M=0.03$	$F=M=0.03$	$F=M=0.03$	$F=M=0.03$
$maxF_{ABC}$	$0.75M=0.0225$	$0.75M=0.0225$	$0.75M=0.0225$	$0.75M=0.0225$
$F_{ABC}$	0.0225	0.0225	0.0225	0.0225
OFL (t)	1,151	1,151	<b>944</b>	944
maxABC (t)	863	863	708	708
ABC (t)	863	863	<b>708</b>	708
Status	As determined last year for:		As determined this year for:	
	2017	2018	2018	2019
Overfishing	No	n/a	No	n/a