

## 2021 Landings Data Review for Atlantic Menhaden



## Atlantic Menhaden Management Board May 2022

## **Overview**

• Status of the FMP

 Reminder of Current TAC and Chesapeake Bay Cap

• Status of the fishery



## Status of FMP



- **2021 fishery operated under Amendment 3 (Nov 2017)** Changes from previous years:
- Chesapeake Bay reduction fishery cap returned to 51,000 mt
- Board set TAC for 2021-2022 at 194,400 mt
  - Based on approved ERPs



## Status of the Fishery, 2021

## Total landings: 195,092 mt (430.1 mil pounds)

- 6% increase from 2020
- 0.36% over TAC

## TAC: 194,400 MT (428.6 mil pounds)

- Directed harvest = 189,343 mt (417.4 mil pounds)
  - -6% increase from 2020
  - 3% under the TAC

#### Incidental Catch: 5,750 mt (12.7 million pounds)

- 9% decrease from 2020
- Does not count towards TAC



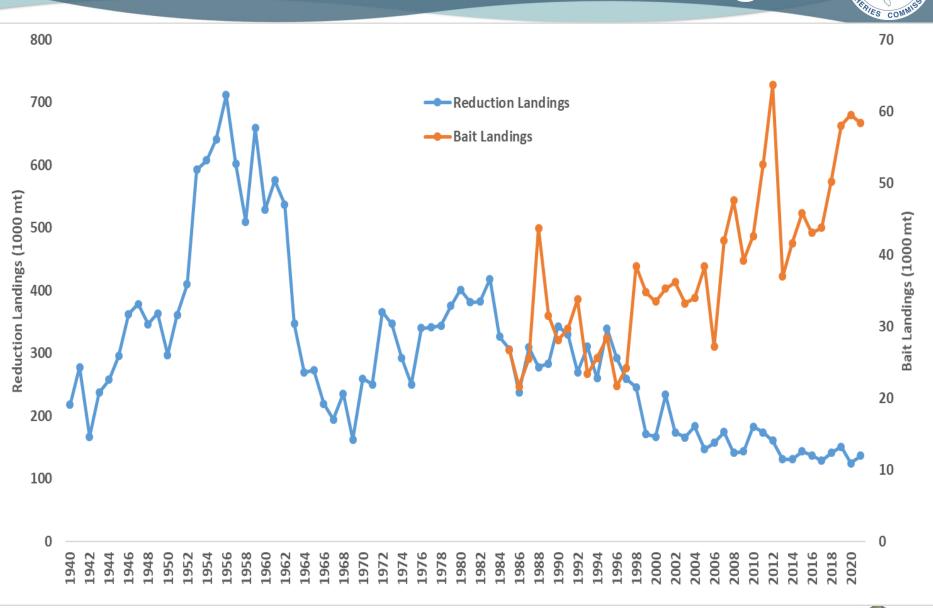
## Status of the Fishery, 2021 (cont.)

#### Reduction fishery: 136,690 mt (301.3 million pounds)

- 10% increase from 2020 (274.7 million pounds)
- <200,000 pounds above the previous 5-year average
- **Chesapeake Bay Reduction Harvest and Cap**
- 2021 Cap = 51,000 mt
- 2020 harvest= ~50,000 mt



## **Atlantic Menhaden Landings**





STATES

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## **2021 Incidental Fishery**

#### Incidental fishery landings, 2013-2021

Year	Landings (pounds)	Trips	Number of States
2013	4,376,741	2,783	6
2014	6,831,462	5,275	8
2015	5,991,612	4,498	9
2016	2,075,127	2,222	9
2017	7,407,441	2,108	7
2018	3,309,666	1,224	3
2019	10,750,929	3,113	1
2020	13,957,206	3,565	4
2021	12,675,882	3,155	6





## **Episodic Events Set Aside**



- 2021 EESA = 2,213 mt (4.88 million pounds)
- 2020 EESA landings = 2,080 mt (4.6 million pounds)
  - ME, MA, RI were the only participating states
  - 223 mt (491,237 pounds) donated in Fall 2021
  - Final overage = 101,013 pounds

Year	States Declared Participation	EESA Quota (1% of TAC) (mt)	Landed (mt)	% EESA Quota Used
2014	RI	1,708	134	7.8%
2015	RI	1,879	854	45.5%
2016	ME, RI, NY	1,879	1,728	92.0%
2017	ME, RI, NY	2,000	2,129	106.5%
2018	ME	2,031	2,103	103.6%
2019	ME	2,160	1,995	92.4%
2020	ME, MA	2,160	2,080	96.3%
2021	ME, MA, RI	1,944	2,213	113.8%

## **Quota Transfers**

 17 quota transfers for 2021 fishing season (excluding donations to EESA)

- Slightly more than 2020 (16)

Transfer Date	ME	NH	MA	RI	СТ	NY	NJ	РА	DE	MD	PRFC	VA	NC	SC	GA	FL
1-Jul	300,000				-300,000											
1-Jul		750,000			-750,000											
6-Jul	675,000													-675,000		
6-Jul	800,000												-800,000			
13-Jul	972,698														-972,698	
14-Jul	600,000							-600,000								
14-Jul	840,000															-840,000
27-Jul				300,000										-300,000		
27-Jul			525,000											-525,000		
27-Jul				243,175											-243,175	
27-Jul			405,291												-405,291	
28-Jul		1,000,000								-1,000,000						
13-Oct		500,000			-500,000											
22-Oct		350,000													-350,000	
27-Oct							275,000							-275,000		
28-Oct	900,000										-900,000					
8-Dec	350,000			-350,000												
Total	5,437,698	2,600,000	930,291	193,175	-1,550,000	0	275,000	-600,000	0	-1,000,000	-900,000	0	-800,000	-1,775,000	-1,971,164	-840,000





## **Questions?**





## Draft Addendum I to Amendment 3 For Board Review



## Atlantic Menhaden Management Board May 2022

## Outline

- Overview and Timeline
- Consider what Years of Data to Include in the Draft
- Review Draft Options with PDT recommendations
  - Commercial Allocation
  - Episodic Event Set-Aside (EESA)
  - Incidental Catch and Small-Scale Fisheries (IC/SSF)
- Board action for consideration today:
  - Determine what years of data to include in the draft
  - Remove options from the addendum
  - Consider approval of Draft Addendum I for public comment

## Draft Addendum I Timeline



August 2021	Board initiates development of Addendum I
Aug 2021-Jan 2022	PDT develops Draft Addendum I for Board review
Jan 2022	Board provides PDT additional guidance
Feb-April 2022	PDT continues edits to Draft
May 2022	Board reviews Draft and considers its approval for public comment
May-July 2022	Public Comment/Hearings
August 2022	Board reviews public comment, selects management options and considers final approval of Addendum I





**Option 1:** Keep the draft as is and use data through 2020. No impact on timeline with possible implementation in 2023

**Option 2:** Allow states to adjust 2020 data. Delay addendum and would likely not implement in 2023

**Option 3:** Remove 2020 data. Delay by 1 meeting cycle with possible implementation in 2023

**Option 4:** Remove 2020 and add 2021. Delay by 1 meeting cycle with possible implementation in 2023



## **Review of Draft Addendum**

- Total options in the Draft Addendum 48
  - 27 Allocation Options
  - 5 EESA Options
  - 16 IC/SSF Options Take questions
- PDT recommends removing some allocation options
- As it stands the draft will be difficult for the public to understand the difference between the options, particularly those considering allocation.





**Objective:** Allocations should be adjusted to:

- 1) Align with recent availability of the resource
- Enable state to maintain current directed fisheries with minimal interruptions during the season
- 3) Reduce the need for quota transfers and;
- 4) Fully use the annual TAC without overage





# 3.1.1 Step 1: Allocation options for addressing minimum allocation (pg 13-14)

# 3.1.2 Step 2: Timeframes to base allocating the remaining TAC (pg 16-25)



## Allocation: Step 1 Fixed Minimum



- Option 1. Status Quo: All states get .50% fixed minimum allocation
- Option 2. Two-tiered Fixed Minimum
  - 1<sup>st</sup> Tier of .01%: PA, SC, GA, FL, DE
  - 2<sup>nd</sup> Tier of .50%: ME, NH, MA, RI, CT, NY, NJ, MD, PRFC, VA, and NC
- Option 3. Three-tiered Fixed Minimum
  - 1<sup>st</sup> Tier of .01%: PA, SC, GA,
  - 2<sup>nd</sup> Tier of .25%: CT, NC, DE, FL
  - 3<sup>rd</sup> Tier of .50%: ME, NH, MA, RI, NY, NJ, MD, PRFC, and VA

Difference between options is now 0.02%

PDT: Restore or Remove option 2 or 3

Allocation: Step 2 Timeframe of Landings



#### Option 1. Status Quo (2009-2011)

#### Option 2. (2018-2020)

Reflects recent landings, stock distribution, but not the past

Option 3. Weighted Allocation (25/75, 50/50, 75/25)

- Option 3A: 2009-2012/2018-2020
  - Sub-Option 1 25% 2009-2011/75%
     2018-2020
  - Sub-Option 2 50% 2009-2011/50%
     2018-2020

- Option 3B: 2009-2012/2017-2020 PDT Removal

• Sub-Option 1 25% 2009-2012/75%

Allocation: Step 2 Timeframe of Landings

## Torthy Es COMMS

#### **Option 4. Moving Average**

- 4A. Use the most recent 3 year moving average to annually adjust allocations as the stock and fishery dynamics change
- 4B. Provisions to limit shifts in the moving average: All landings <= the TAC for the most recent 3 years regardless of source. If the TAC is exceeded then only a portion of the landings will count

 4C: Limit landings used in calculating the moving average: NO EESA or IC/SSF PDT Removal

#### Table 6. A1-3 0.5% + Options 1-3

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	Table 6	5. A1-3	0.5% +	Options	1-3	A THE STATES HAT A
	Time F	rame	2009-2011	/2018-2020	2009-2012,	/2017-2020
State	A1 Status Quo 2009- 2011	A2 2018- 2020	A3: A-1 25%/75%	A3: A-2 50%/50%	A3: B-1 25%/75%	A3: B-2 50%/50%
ME	0.52%	5.00%	3.88%	2.76%	3.47%	2.48%
NH	0.50%	1.14%	0.98%	0.82%	0.87%	0.74%
MA	1.27%	2.04%	1.85%	1.66%	1.70%	1.52%
RI	0.52%	0.57%	0.56%	0.54%	0.62%	0.58%
СТ	0.52%	0.58%	0.56%	0.55%	0.56%	0.54%
NY	0.69%	0.92%	0.86%	0.81%	0.85%	0.79%
NJ	10.87%	11.25%	11.17%	11.09%	11.60%	11.85%
PA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
DE	0.51%	0.53%	0.52%	0.52%	0.52%	0.52%
MD	1.89%	1.15%	1.34%	1.53%	1.42%	1.68%
PRFC	1.07%	1.06%	1.06%	1.07%	1.09%	1.13%
VA	78.66%	73.07%	74.46%	75.84%	74.56%	75.36%
NC	0.96%	0.63%	0.71%	0.79%	0.70%	0.75%
SC	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
GA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
FL	0.52%	0.55%	0.54%	0.53%	0.55%	0.54%

#### Table 7. A4A/A4B 0.5% + Three Year Moving Average



tate	2009- 2011	2010- 2012	2011- 2013	2012- 2014	2013- 2015	2014- 2016	2015- 2017	2016- 2018	2017- 2019	2018- 2020
ME	0.52%	0.51%	0.51%	0.51%	0.51%	0.97%	1.64%	2.76%	3.85%	5.00%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.85%	1.14%
MA	1.27%	0.91%	0.77%	0.95%	1.09%	1.13%	1.24%	1.46%	1.69%	2.04%
RI	0.52%	0.52%	0.52%	0.55%	0.71%	0.72%	0.82%	0.71%	0.69%	0.57%
СТ	0.52%	0.51%	0.51%	0.51%	0.51%	0.51%	0.53%	0.59%	0.59%	0.58%
NY	0.69%	0.67%	0.68%	0.70%	0.77%	0.79%	0.85%	0.77%	0.72%	0.92%
NJ	10.93%	13.45%	13.94%	12.81%	10.67%	10.89%	11.25%	11.41%	11.23%	11.25%
PA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
DE	0.51%	0.52%	0.52%	0.53%	0.53%	0.53%	0.52%	0.52%	0.52%	0.53%
MD	1.90%	2.18%	2.33%	2.52%	2.16%	2.02%	1.71%	1.38%	1.18%	1.15%
PRFC	1.07%	1.20%	1.30%	1.41%	1.23%	1.15%	1.06%	1.11%	1.06%	1.06%
VA	78.60%	76.18%	75.57%	76.30%	78.57%	78.04%	77.15%	76.08%	74.92%	73.07%
NC	0.96%	0.83%	0.80%	0.64%	0.68%	0.67%	0.66%	0.64%	0.65%	0.63%
SC	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
GA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
FL	0.52%	0.52%	0.54%	0.55%	0.57%	0.57%	0.57%	0.56%	0.55%	0.55%
Year in Use	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

#### Table 8. A4C 0.5% + 3 Yr Moving Avg w/o EESA/IC/SSF



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State	2009- 2011	2010- 2012	2011- 2013	2012- 2014	2013- 2015	2014- 2016	2015- 2017	2016- 2018	2017- 2019	2018- 2020
ME	0.52%	0.51%	0.51%	0.51%	0.51%	0.70%	0.73%	1.28%	1.62%	2.15%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.86%	1.16%
MA	1.27%	0.91%	0.77%	0.96%	1.10%	1.14%	1.26%	1.48%	1.73%	2.06%
RI	0.52%	0.52%	0.52%	0.52%	0.52%	0.53%	0.53%	0.58%	0.57%	0.57%
СТ	0.52%	0.51%	0.51%	0.51%	0.51%	0.51%	0.52%	0.58%	0.58%	0.58%
NY	0.69%	0.67%	0.69%	0.68%	0.69%	0.65%	0.65%	0.63%	0.64%	0.91%
NJ	10.93%	13.45%	13.98%	12.88%	10.77%	11.00%	11.46%	11.63%	11.52%	11.60%
PA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
DE	0.51%	0.52%	0.52%	0.52%	0.51%	0.51%	0.51%	0.52%	0.52%	0.53%
MD	1.90%	2.18%	2.15%	2.16%	1.62%	1.65%	1.51%	1.33%	1.20%	1.17%
PRFC	1.07%	1.20%	1.23%	1.26%	1.03%	1.03%	0.98%	1.06%	1.03%	1.08%
VA	78.60%	76.18%	75.80%	76.82%	79.52%	79.08%	78.68%	77.73%	77.04%	75.49%
NC	0.96%	0.83%	0.81%	0.64%	0.68%	0.67%	0.66%	0.65%	0.65%	0.64%
SC	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
GA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
FL	0.52%	0.52%	0.53%	0.53%	0.53%	0.53%	0.52%	0.53%	0.54%	0.55%
Year in Use	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

## Table 9. B1-4 Two-Tiered Min + Options 1-3



	Time I	Frame	2009-2011	/2018-2020	2009-2012	/2017-2020
State	B1 2009-	B2 2018-	B3: A-1	B3: A-2	B3: B-1	B3: B-2
State						
	2011	2020	25%/75%	50%/50%	25%/75%	50%/50%
ME	0.52%	5.12%	3.97%	2.82%	3.55%	2.54%
NH	0.50%	1.15%	0.99%	0.83%	0.88%	0.75%
MA	1.29%	2.08%	1.88%	1.69%	1.74%	1.55%
RI	0.52%	0.57%	0.56%	0.55%	0.62%	0.59%
СТ	0.52%	0.58%	0.57%	0.55%	0.56%	0.54%
NY	0.70%	0.93%	0.87%	0.81%	0.86%	0.80%
NJ	11.21%	11.54%	11.46%	11.37%	11.90%	12.15%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.02%	0.04%	0.04%	0.03%	0.03%	0.03%
MD	1.94%	1.17%	1.36%	1.55%	1.45%	1.71%
PRFC	1.09%	1.08%	1.08%	1.08%	1.10%	1.15%
VA	80.68%	75.01%	76.42%	77.84%	76.53%	77.35%
NC	0.97%	0.64%	0.72%	0.80%	0.70%	0.76%
SC	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FL	0.03%	0.06%	0.05%	0.05%	0.06%	0.05%

#### Table 10. B4A/ B4B Two-Tiered Min + Moving Average



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State	2009- 2011	2010- 2012	2011- 2013	2012- 2014	2013- 2015	2014- 2016	2015- 2017	2016- 2018	2017- 2019	2018- 2020
ME	0.52%	0.51%	0.51%	0.51%	0.51%	0.98%	1.67%	2.82%	3.94%	5.12%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.86%	1.15%
MA	1.29%	0.92%	0.78%	0.97%	1.10%	1.15%	1.26%	1.48%	1.73%	2.08%
RI	0.52%	0.52%	0.52%	0.55%	0.72%	0.73%	0.82%	0.72%	0.69%	0.57%
СТ	0.52%	0.51%	0.51%	0.51%	0.51%	0.51%	0.53%	0.59%	0.59%	0.58%
NY	0.70%	0.67%	0.69%	0.71%	0.78%	0.80%	0.85%	0.77%	0.72%	0.93%
NJ	11.21%	13.80%	14.29%	13.14%	10.94%	11.17%	11.54%	11.70%	11.51%	11.54%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.02%	0.03%	0.03%	0.04%	0.05%	0.04%	0.03%	0.04%	0.03%	0.04%
MD	1.94%	2.23%	2.38%	2.58%	2.20%	2.06%	1.74%	1.41%	1.20%	1.17%
PRFC	1.09%	1.22%	1.33%	1.44%	1.25%	1.16%	1.08%	1.12%	1.08%	1.08%
VA	80.68%	78.20%	77.57%	78.32%	80.65%	80.11%	79.19%	78.09%	76.90%	75.01%
NC	0.97%	0.84%	0.81%	0.64%	0.68%	0.67%	0.66%	0.65%	0.65%	0.64%
SC	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FL	0.03%	0.03%	0.05%	0.06%	0.08%	0.08%	0.08%	0.07%	0.07%	0.06%
Year in Use	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	2013	2014	2015	2010	2017	2010	2015	2020	2021	2022

#### Table 11. B4C Two-Tiered Min + 3 Yr Moving Avg w/o EESA/IC/SSF



State	2009- 2011	2010- 2012	2011- 2013	2012- 2014	2013- 2015	2014- 2016	2015- 2017	2016- 2018	2017- 2019	2018- 2020
ME	0.52%	0.51%	0.51%	0.51%	0.51%	0.71%	0.73%	1.30%	1.65%	2.20%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.87%	1.17%
MA	1.29%	0.92%	0.78%	0.97%	1.11%	1.16%	1.28%	1.50%	1.76%	2.10%
RI	0.52%	0.52%	0.52%	0.52%	0.52%	0.53%	0.53%	0.58%	0.57%	0.58%
СТ	0.52%	0.51%	0.51%	0.51%	0.51%	0.51%	0.52%	0.58%	0.58%	0.59%
NY	0.70%	0.67%	0.69%	0.69%	0.70%	0.66%	0.66%	0.64%	0.65%	0.92%
NJ	11.21%	13.80%	14.34%	13.21%	11.04%	11.28%	11.75%	11.92%	11.81%	11.89%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.02%	0.03%	0.03%	0.03%	0.02%	0.02%	0.02%	0.03%	0.03%	0.04%
MD	1.94%	2.23%	2.19%	2.21%	1.65%	1.68%	1.54%	1.35%	1.22%	1.19%
PRFC	1.09%	1.22%	1.25%	1.28%	1.04%	1.04%	0.99%	1.07%	1.04%	1.10%
VA	80.68%	78.20%	77.80%	78.86%	81.63%	81.17%	80.76%	79.79%	79.08%	77.49%
NC	0.97%	0.84%	0.81%	0.65%	0.69%	0.68%	0.66%	0.65%	0.65%	0.64%
SC	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FL	0.03%	0.03%	0.04%	0.04%	0.04%	0.04%	0.03%	0.04%	0.05%	0.07%
Year in Use	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

#### Table 12. C1-3 Three-Tiered Min + Options 1-3



	Tim	e Frame	2009-2011	/2018-2020	2009-2012	/2017-2020
State	C1 2009-	C2 2018-	C3: A-1	C3: A-2	C3: B-1	C3: B-2
	2011	2020	25%/75%	50%/50%	25%/75%	50%/50%
ME	0.52%	5.12%	3.97%	2.82%	3.55%	2.54%
NH	0.50%	1.15%	0.99%	0.83%	0.88%	0.75%
MA	1.29%	2.08%	1.88%	1.69%	1.74%	1.55%
RI	0.52%	0.57%	0.56%	0.55%	0.62%	0.59%
СТ	0.27%	0.33%	0.32%	0.30%	0.31%	0.29%
NY	0.70%	0.93%	0.87%	0.81%	0.86%	0.80%
NJ	11.21%	11.54%	11.46%	11.38%	11.90%	12.16%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.26%	0.28%	0.28%	0.27%	0.27%	0.27%
MD	1.94%	1.17%	1.36%	1.55%	1.45%	1.71%
PRFC	1.09%	1.08%	1.08%	1.08%	1.10%	1.15%
VA	80.70%	75.02%	76.44%	77.86%	76.54%	77.37%
NC	0.72%	0.39%	0.47%	0.55%	0.45%	0.51%
SC	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FL	0.27%	0.30%	0.29%	0.29%	0.30%	0.29%

#### Table 13. C4A/C4B Three-Tiered Min + Moving Avg



State	2009-	2010-	2011-	2012-	2013-	2014-	2015-	2016-	2017-	2018-
otate	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
ME	0.52%	0.51%	0.51%	0.51%	0.51%	0.98%	1.67%	2.82%	3.94%	5.12%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.86%	1.15%
MA	1.29%	0.92%	0.78%	0.97%	1.10%	1.15%	1.26%	1.48%	1.73%	2.08%
RI	0.52%	0.52%	0.52%	0.55%	0.72%	0.73%	0.82%	0.72%	0.69%	0.57%
СТ	0.27%	0.26%	0.26%	0.26%	0.26%	0.26%	0.28%	0.34%	0.34%	0.33%
NY	0.70%	0.67%	0.69%	0.71%	0.78%	0.80%	0.85%	0.77%	0.72%	0.93%
NJ	11.21%	13.80%	14.30%	13.14%	10.94%	11.17%	11.54%	11.71%	11.52%	11.54%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.26%	0.27%	0.27%	0.28%	0.29%	0.28%	0.27%	0.28%	0.27%	0.28%
MD	1.94%	2.23%	2.38%	2.58%	2.20%	2.06%	1.74%	1.41%	1.20%	1.17%
PRFC	1.09%	1.22%	1.33%	1.44%	1.25%	1.17%	1.08%	1.12%	1.08%	1.08%
VA	80.70%	78.22%	77.59%	78.34%	80.67%	80.12%	79.21%	78.11%	76.91%	75.02%
NC	0.72%	0.59%	0.56%	0.40%	0.43%	0.42%	0.41%	0.40%	0.40%	0.39%
SC	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FL	0.27%	0.27%	0.29%	0.30%	0.32%	0.32%	0.32%	0.31%	0.31%	0.30%
Year in										
Use	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

#### Table 14. C4C Three-Tiered Min + 3 Yr Moving Avg w/o EESA/IC/SSF



State	2009-	2010-	2011-	2012-	2013-	2014-	2015-	2016-	2017-	2018-
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
ME	0.52%	0.51%	0.51%	0.51%	0.51%	0.71%	0.73%	1.30%	1.65%	2.20%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.87%	1.18%
MA	1.29%	0.92%	0.78%	0.97%	1.11%	1.16%	1.28%	1.50%	1.76%	2.10%
RI	0.52%	0.52%	0.52%	0.52%	0.52%	0.53%	0.53%	0.58%	0.57%	0.58%
СТ	0.27%	0.26%	0.26%	0.26%	0.26%	0.26%	0.27%	0.33%	0.33%	0.34%
NY	0.70%	0.67%	0.69%	0.69%	0.70%	0.66%	0.66%	0.64%	0.65%	0.92%
NJ	11.21%	13.80%	14.34%	13.21%	11.05%	11.28%	11.75%	11.92%	11.82%	11.89%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.26%	0.27%	0.27%	0.27%	0.26%	0.26%	0.26%	0.27%	0.27%	0.28%
MD	1.94%	2.23%	2.19%	2.21%	1.65%	1.68%	1.54%	1.35%	1.22%	1.19%
PRFC	1.09%	1.22%	1.25%	1.28%	1.04%	1.04%	0.99%	1.07%	1.04%	1.10%
VA	80.70%	78.22%	77.82%	78.87%	81.64%	81.19%	80.77%	79.81%	79.10%	77.50%
NC	0.72%	0.59%	0.56%	0.40%	0.44%	0.43%	0.41%	0.40%	0.40%	0.39%
SC	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
FL	0.27%	0.27%	0.28%	0.28%	0.28%	0.28%	0.27%	0.28%	0.29%	0.31%
Year in										
Use	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022



## **Questions?**

ANTIC STATES MAN

Objective: Ensure sufficient access to episodic changes in regional availability in order to minimize in-season disruptions and reduce the need for quota transfers and IC/SSF landings.



## **EESA Management Options**

## TRATES COMMENT

#### 3.2.1 Increase the Set-Aside

- Option 1. Status Quo (1%)
- Option 2. Increase up to 5%
  - Sub Option 1. EESA is set as a static amount 1-5%.
  - Sub Option 2. Set EESA between 1-5% during
     Specifications. Can be an annual or multi year spec.





## **Questions?**

THE STATES COMMENDATION

Objective: Sufficiently constrain landings to achieve overall management goals of:

- 1) meeting the needs of existing fisheries,
- 2) reducing discards, and
- 3) indicating when landings can occur and if those landings are part of the directed fishery.



## **IC/SSF Management Options**



**3.3.1 Timing of IC/SSF Provision** Option 1. Status Quo (no change) Option 2. Sector/fishery/gear type allocation met within a state Option 3. Entire state's allocation met Option 4. Full closure when allocation met, no **IC/SSF** provision





#### **3.3.2 Permitted Gear Types of the IC/SSF**

- Option 1. Status Quo (no change)
- Option 2. No purse seines, all other small-scale and non-directed gears maintained
- Option 3. Non-directed gears only





#### **3.3.3 Trip Limit for Directed Small-Scale** Fisheries of IC/SSF

Option 1. Status Quo (no change to trip limit): 6,000 lbs for all eligible gear types

Option 2. 4,500 lbs for directed gear types

Option 3. 3,000 lbs for directed gear types



#### **PDT Recommendations**

- Remove Catch Accounting section in IC/SSF
  - Concern over the timing of when accountability would occur & potential new problems
  - Other Options in IC/SSF section can address aim of accountability- adjusting trip limit, timing, or permitted gear types

## IC/SSF Management Options Cont'd



3.3.4 Catch Accounting of IC/SSF Option 1. Status Quo (no change): landings do not count against state quota or the TAC Option 2. Catch cap equal to 1% of the annual **TAC and 10% exceedance management** trigger Option 3. 1% set-aside of the annual TAC with set-aside payback provision **Option 4. Total landings with payback provision** 



## IC/SSF Management Options Cont'd



### 3.3.5 Allow access to EESA at <100% state allocation\*

- Option 1: Status quo, no change
- Option 2: Qualified states can begin fishing once they've landed 95% of the their quota

#### **PDT Recommends Removal**



## Thank you to the PDT

- Melissa Smith (ME DMR)
- Micah Dean (MA DMF)
- Nicole Lengyel Costa (RI DEM)
- Jeff Brust (NJ DEP)
- Harry Rickabaugh (MD DNR)
- Shanna Madsen (VMRC)
- James Boyle (ASMFC)





## **Questions?**

#### **3.3 IC/SSF Sections**



#### 3.3.4 Catch Accounting of IC/SSF

- Option 2. Catch cap equal to 1% of the annual TAC and 10% exceedance management trigger
- Option 3. 1% set-aside of the annual TAC with set-aside payback provision
- Option 4. Total landings with payback provision

#### 3.3.5 Allow access to EESA at <100% state allocation\*

 Option 2: Qualified states can begin fishing once they've landed 95% of the their quota



#### **3.3 IC/SSF Sections**

#### 3.3.1 Timing of IC/SSF Provision

- Option 2. Sector/fishery/gear type allocation met within a state
- Option 3. Entire state's allocation met
- Option 4. Full closure when allocation met, no IC/SSF provision

#### **3.3.2 Permitted Gear Types of the IC/SSF**

- Option 2. No purse seines, all other small-scale and non-directed gears maintained
- Option 3. Non-directed gears only

#### 3.3.3 Trip Limit for Directed Small-Scale Fisheries of IC/SSF

- Option 2. 4,500 lbs for directed gear types
- Option 3. 3,000 lbs for directed gear types





• Consider approving Addendum I to Amendment 3 as modified today.

