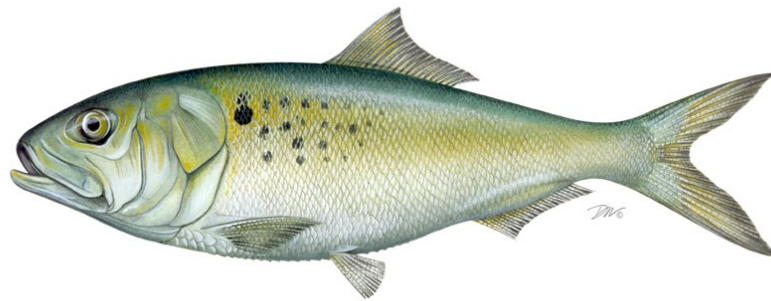


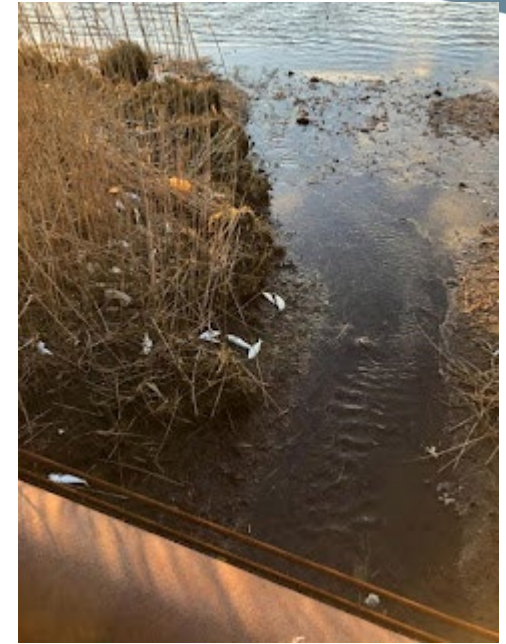
Recent menhaden mortality events



January 27, 2022

Background

- Mass mortality events not uncommon in menhaden
- Large, dense schools
 - Environmental stressors
 - Facilitate transmission of disease



Hypoxia

- Generally summer to early fall
- High water temperature
- High metabolic rate
- Dense school can deplete oxygen



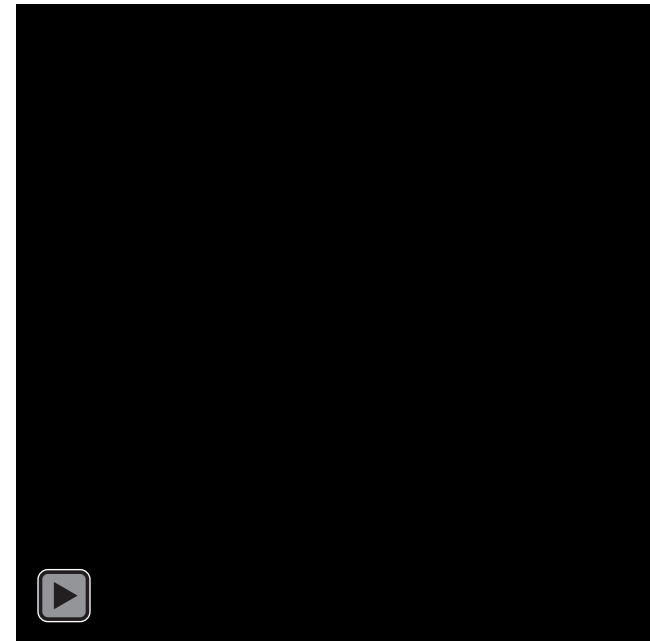
Gas bubble disease

- Generally winter
- Cold water
- Rapid thermal event
- Oxygen supersaturation
- Gas bubbles under the skin and gills



“Spinning disease”

- Common in springtime throughout region
- Erratic swimming behavior; hemorrhage of eyes and fins
- Events from 1970’s in Chesapeake Bay attributed to viral infection
- Small to moderate events reported every year throughout the region



Recent events

- Fish exhibiting signs similar to spinning disease seen annually in NJ
- Generally seen in springtime around Raritan Bay and surrounding rivers
- NJ samples have been **NEGATIVE** for virus associated with spinning disease
 - Sampling since 2015
 - Collaboration with NJ DFW, USGS, SUNY



2020

- Springtime event was “normal” → same region, time of year, geographic extent as recent years
- Beginning in November, states begin receiving calls of “significant” mortality events
- Fish exhibiting classic spinning disease behavior
- Lasted nearly two months (Nov – Dec)
- First reported around Raritan / Hudson, but extended into Long Island Sound and up to Rhode Island



2021

- 2021 spring event larger and more widespread than most years
- First reports in late March (NY, NJ); continue through June
- Other areas
 - Delaware Bay (mid May)
 - Massachusetts (late May)
 - Maine (June)



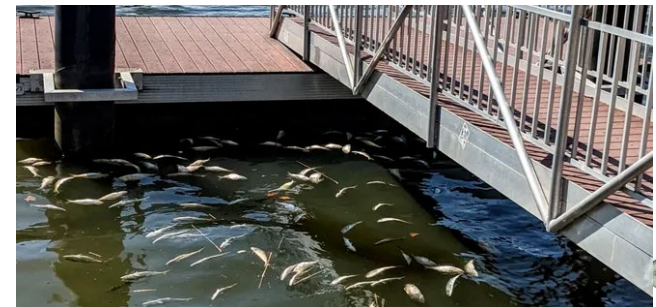
NJ and NY sampling 2020

- Samples collected fall 2020
 - Collaboration with SUNY, USGS, Cornell
- External signs
 - Hemorrhage to eyes and bases of fins
- Internal
 - Necrosis of kidney and spleen
 - Hemorrhage of the brain, some with bacteria present
- Infection
 - Negative for any virus, including that associated with spinning disease
 - Bacteria from brain lesions predominantly *Vibrio anguillarum*



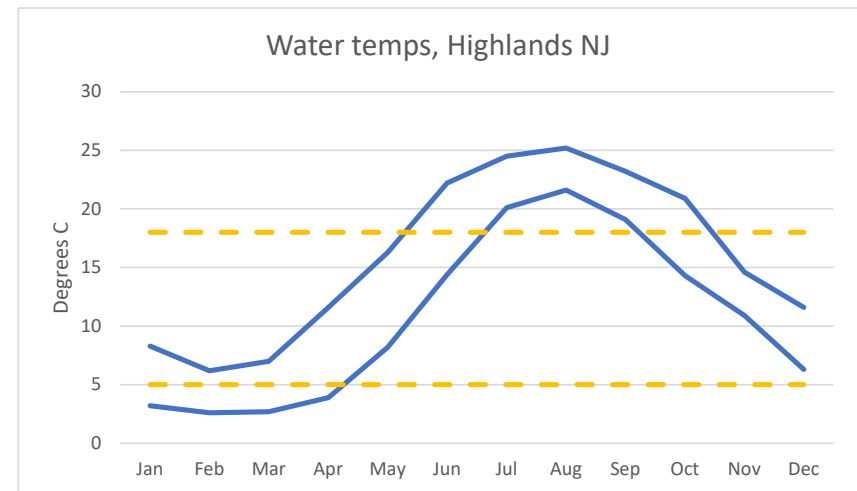
NJ and NY sampling 2021

- Collections early, middle, end of event
- Continue collaboration with USGS, SUNY, Cornell, USDA
- DO and water temps were within “normal” range
- Pathology results consistent with samples collected in 2020
- Consistent results from Delaware Bay, Maine
- Primary suspect *Vibrio anguillarum*
 - Minor secondary infectious agents



Vibrio anguillarum

- Naturally occurring in marine and estuarine areas throughout the world
- Common in marine fish, shellfish, crustaceans
 - Eel, striped bass, salmon
 - Impacts to aquaculture
- Depending on strain, virulent across range of temps
- Generally causes systemic infection, but not typically neurological
 - Highest concentrations in the brain for recent events



Possible causes for outbreak

- Environmental factors?
 - Temperature
- Physiological factors?
 - Body condition
- Population factors?
 - High menhaden abundance
- Distribution?
 - Overwinter in SNE
- New strain of *V. anguillarum*?



Impacts to other species

- No other species were reported as being affected during these events
- No known effect on wildlife predators from eating infected fish
- Historically, very few cases of humans being infected from handling
- Potential concern for aquaculture from *V. anguillarum* as well as secondary infection species



Impacts to menhaden

- Chronic event
 - Prolonged duration
 - Wide geographic area
- Full extent of mortality is unknown
- Individual events have not appeared “excessive” relative to hypoxia event
- Professional opinion is that impact will be minor



Impacts to menhaden



Impacts to menhaden

- Ballpark estimate: several hundred thousand, but no more than a million *observed* throughout the region
- Multiplier for offshore (unseen) events: 5-10(?)
- Max estimated mortality: 10,000,000
- Stock assessment estimate of age 3+: 2.3 billion
- Mortality rate: 0.43%
- In comparison, natural mortality used in stock assessment approx. 53%



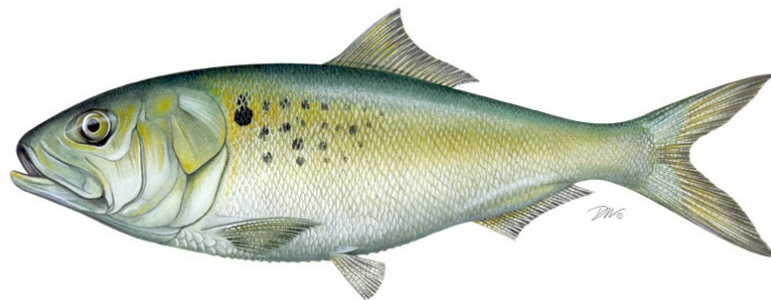
- Thanks to: Jan Lovy (NJ DFW),
John Maniscalco (NYSDEC),
Jesse Hornstein (NYSDEC)

- Questions?





Draft Addendum I to Amendment 3 For Board Review



Atlantic Menhaden Management Board

January 27, 2022

Outline



- Overview and Timeline
- Review Draft Options
 - Commercial Allocation
 - Episodic Event Set-Aside (EESA)
 - Incidental Catch and Small-Scale Fisheries (IC/SSF)
- PDT recommendations
- AP feedback
- **Board action for consideration today:**
 - Remove options from the addendum
 - **Consider approval of Draft Addendum I for public comment**



PDT Members



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



Background



- **May 2021:** Board tasked Work Group (WG) to develop strategies to align commercial allocations with availability, review incidental catch provision, and reduce quota transfers
- **August 2021:** Board initiated addendum off of WG report, tasking PDT to use the report as starting point
- **October 2021:** PDT progress report memo presented and the Board identified key concepts/options to have in addendum



Draft Addendum I Timeline



August 2021	Board initiates development of Addendum I
Aug 2021 – Jan 2022	PDT develops Draft Addendum for Board Review
January 2022	Board Reviews Draft Addendum and considers Its approval for Public Comment
February – March 2022	Public Comment on Draft Addendum
May 2022	Board reviews public comment, selects management options and considers final approval of Addendum
TBD	Provisions of Addendum I are Implemented



Review of Draft Addendum



- Overview of each Section
 - Objective
 - Management Options
 - Take questions
 - PDT Recommendations
 - AP Report
 - **Board actions**
 - Options that are removed by board action ~~will look like~~
~~this~~
- * Indicates an option the PDT recommends removing



3.1 Commercial Allocation



Objective: Allocations should be adjusted to:

- 1) align with recent availability of the resource
- 2) 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 Commercial Allocation



3.1.1 (pg 11-12)

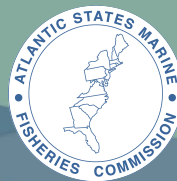
Step 1: Allocation options for addressing minimum allocation

3.1.2 (pg 11-12)

Step 2: Timeframes to base allocating the remaining TAC



Allocation Management Options



Step #1- Fixed Minimum Allocation (3.1.1)

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



Allocation Management Options



Step #2: Timeframe for Allocating Remaining TAC

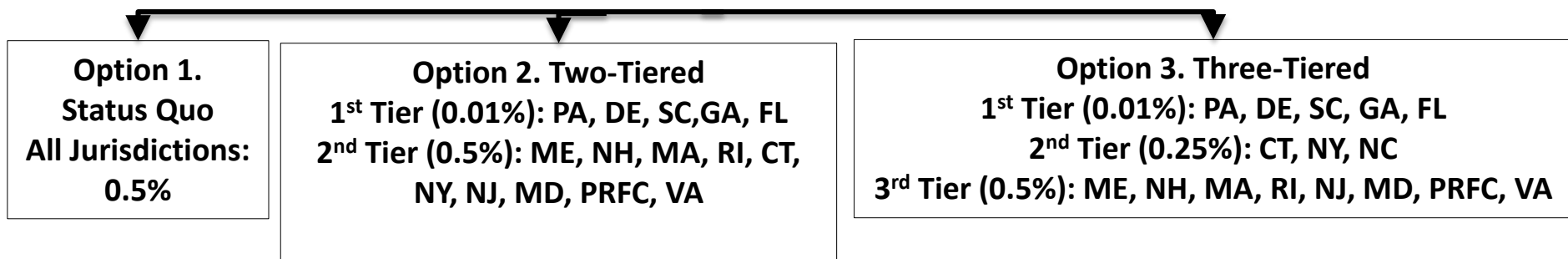
- **Option 1. Status Quo (2009-2011)**
- **Option 2. (2009-2020)***
 - Includes highs and lows, but dilutes recent trends
- **Option 3. (2018-2020)**
 - Reflects recent landings, stock distribution, but not the past
- **Option 4. Second Highest Year***
 - Second highest year less of an outlier than highest year
- **Option 5. Moving Average**
- **Option 6. Weighted Allocation (25/75, 50/50, 75/25)**
 - Option 6A: 2009-2011/2018-2020 (3 sub-options)
 - Option 6B*: 2009-2012/2017-2020 (3 sub-options)



Allocation Decision Tree



Step 1: Minimum Allocation



Step 2: Timeframe to allocate remaining TAC

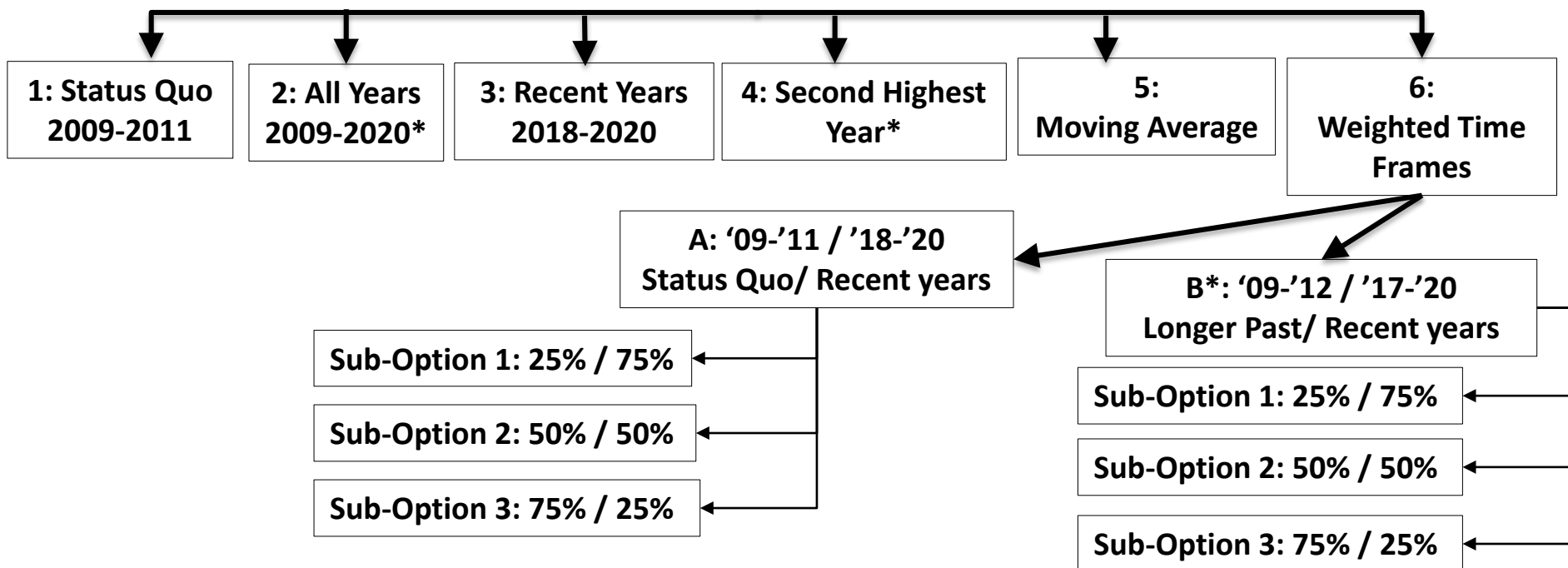


Table 6. A1-4 0.5% + Options 1-4



State	Timeframe			A4 Second Highest Year
	A1 Status Quo 2009-2011	A2 2009-2020	A3 2018-2020	
ME	0.52%	1.90%	5.00%	4.37%
NH	0.50%	0.66%	1.14%	1.21%
MA	1.27%	1.38%	2.04%	1.69%
RI	0.52%	0.61%	0.57%	0.80%
CT	0.52%	0.53%	0.58%	0.53%
NY	0.69%	0.79%	0.92%	0.77%
NJ	10.87%	11.54%	11.25%	13.23%
PA	0.50%	0.50%	0.50%	0.50%
DE	0.51%	0.52%	0.53%	0.53%
MD	1.89%	1.82%	1.15%	1.83%
PRFC	1.07%	1.15%	1.06%	1.07%
VA	78.66%	76.32%	73.07%	71.05%
NC	0.96%	0.73%	0.63%	0.86%
SC	0.50%	0.50%	0.50%	0.50%
GA	0.50%	0.50%	0.50%	0.50%
FL	0.52%	0.55%	0.55%	0.55%

Table 7. A5 0.5% + Three Year Moving Average



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%	0.97%	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%
CT	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. A6 0.5% + Weighted Timeframe



State	2009-2011/2018-2020			2009-2012/2017-2020		
	A6:A-1 25%/75%	A6:A-2 50%/50%	A6:A-3 75%/25%	A6:B-1 25%/75%	A6:B-2 50%/50%	A6:B-3 75%/25%
ME	3.88%	2.76%	1.64%	3.47%	2.48%	1.50%
NH	0.98%	0.82%	0.66%	0.87%	0.74%	0.62%
MA	1.85%	1.66%	1.46%	1.70%	1.52%	1.33%
RI	0.56%	0.54%	0.53%	0.62%	0.58%	0.55%
CT	0.56%	0.55%	0.53%	0.56%	0.54%	0.53%
NY	0.86%	0.81%	0.75%	0.85%	0.79%	0.74%
NJ	11.17%	11.09%	11.01%	11.60%	11.85%	12.10%
PA	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
DE	0.52%	0.52%	0.52%	0.52%	0.52%	0.52%
MD	1.34%	1.53%	1.71%	1.42%	1.68%	1.94%
PRFC	1.06%	1.07%	1.07%	1.09%	1.13%	1.17%
VA	74.46%	75.84%	77.22%	74.56%	75.36%	76.16%
NC	0.71%	0.79%	0.88%	0.70%	0.75%	0.81%
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	0.54%	0.53%	0.53%	0.55%	0.54%	0.53%

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



State	Timeframe			B4 Second Best Year
	B1 2009-2011	B2 2009-2020	B3 2018-2020	
ME	0.52%	1.94%	5.12%	4.48%
NH	0.50%	0.66%	1.15%	1.23%
MA	1.29%	1.40%	2.08%	1.72%
RI	0.52%	0.61%	0.57%	0.81%
CT	0.52%	0.53%	0.58%	0.54%
NY	0.70%	0.80%	0.93%	0.77%
NJ	11.21%	11.84%	11.54%	13.57%
PA	0.01%	0.01%	0.01%	0.01%
DE	0.02%	0.03%	0.04%	0.04%
MD	1.94%	1.85%	1.17%	1.87%
PRFC	1.09%	1.17%	1.08%	1.08%
VA	80.68%	78.34%	75.01%	72.93%
NC	0.97%	0.73%	0.64%	0.87%
SC	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%
FL	0.03%	0.06%	0.06%	0.06%

Table 10. B5 Two-Tiered Min + Moving Average



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%
CT	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

Table 11. B6 Two-Tiered Min + Wt'd Timeframe



State	2009-2011/2018-2020			2009-2012/2017-2020		
	B6:A1 25%/75%	B6:A2 50%/50%	B6:A3 75%/25%	B6:B1 25%/75%	B6:B2 50%/50%	B6:B3 75%/25%
ME	3.97%	2.82%	1.67%	3.55%	2.54%	1.52%
NH	0.99%	0.83%	0.66%	0.88%	0.75%	0.63%
MA	1.88%	1.69%	1.49%	1.74%	1.55%	1.36%
RI	0.56%	0.55%	0.53%	0.62%	0.59%	0.55%
CT	0.57%	0.55%	0.53%	0.56%	0.54%	0.53%
NY	0.87%	0.81%	0.75%	0.86%	0.80%	0.74%
NJ	11.46%	11.37%	11.29%	11.90%	12.15%	12.41%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%
MD	1.36%	1.55%	1.75%	1.45%	1.71%	1.98%
PRFC	1.08%	1.08%	1.09%	1.10%	1.15%	1.19%
VA	76.42%	77.84%	79.26%	76.53%	77.35%	78.18%
NC	0.72%	0.80%	0.89%	0.70%	0.76%	0.82%
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	0.05%	0.05%	0.04%	0.06%	0.05%	0.04%

Table 12. C1-4 Three-Tiered Min + Options 1-4



State	Timeframe			C4 Second Highest Year
	C1 2009-2011	C2 2009-2020	C3 2018-2020	
ME	0.52%	1.95%	5.16%	4.51%
NH	0.50%	0.67%	1.16%	1.23%
MA	1.30%	1.41%	2.09%	1.73%
RI	0.52%	0.61%	0.57%	0.81%
CT	0.27%	0.28%	0.33%	0.29%
NY	0.45%	0.55%	0.68%	0.53%
NJ	11.29%	11.93%	11.63%	13.68%
PA	0.01%	0.01%	0.01%	0.01%
DE	0.02%	0.03%	0.04%	0.04%
MD	1.95%	1.87%	1.17%	1.88%
PRFC	1.09%	1.17%	1.08%	1.09%
VA	81.32%	78.96%	75.60%	73.50%
NC	0.72%	0.49%	0.39%	0.63%
SC	0.01%	0.01%	0.01%	0.01%
GA	0.01%	0.01%	0.01%	0.01%
FL	0.03%	0.06%	0.06%	0.06%

Table 13. C5 Three-Tiered Min + Moving Average



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%	0.99%	1.68%	2.83%	3.97%	5.16%
NH	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.52%	0.86%	1.16%
MA	1.30%	0.92%	0.78%	0.97%	1.11%	1.15%	1.27%	1.49%	1.74%	2.09%
RI	0.52%	0.52%	0.52%	0.55%	0.72%	0.73%	0.83%	0.72%	0.69%	0.57%
CT	0.27%	0.26%	0.26%	0.26%	0.26%	0.26%	0.28%	0.34%	0.34%	0.33%
NY	0.45%	0.42%	0.44%	0.46%	0.53%	0.55%	0.61%	0.53%	0.48%	0.68%
NJ	11.29%	13.90%	14.40%	13.24%	11.02%	11.25%	11.63%	11.79%	11.60%	11.63%
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	1.95%	2.24%	2.40%	2.59%	2.21%	2.07%	1.75%	1.42%	1.21%	1.17%
PRFC	1.09%	1.23%	1.33%	1.45%	1.25%	1.17%	1.08%	1.13%	1.08%	1.08%
VA	81.32%	78.82%	78.19%	78.94%	81.29%	80.74%	79.82%	78.71%	77.51%	75.60%
NC	0.72%	0.59%	0.57%	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	0.03%	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



Table 14. C6 Three-Tiered Min + Wt'd Timeframe

State	2009-2011/2018-2020			2009-2012/2017-2020		
	C6:A1 25%/75%	C6:A2 50%/50%	C6:A3 75%/25%	C6:B1 25%/75%	C6:B2 50%/50%	C6:B3 75%/25%
ME	4.00%	2.84%	1.68%	3.57%	2.55%	1.53%
NH	0.99%	0.83%	0.66%	0.88%	0.75%	0.63%
MA	1.90%	1.70%	1.50%	1.75%	1.55%	1.36%
RI	0.56%	0.55%	0.53%	0.62%	0.59%	0.55%
CT	0.32%	0.30%	0.28%	0.31%	0.29%	0.28%
NY	0.63%	0.57%	0.51%	0.61%	0.55%	0.49%
NJ	11.54%	11.46%	11.37%	11.99%	12.25%	12.50%
PA	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
DE	0.04%	0.03%	0.03%	0.03%	0.03%	0.03%
MD	1.37%	1.56%	1.76%	1.45%	1.72%	1.99%
PRFC	1.08%	1.09%	1.09%	1.11%	1.15%	1.19%
VA	77.03%	78.46%	79.89%	77.13%	77.96%	78.80%
NC	0.47%	0.55%	0.64%	0.46%	0.51%	0.57%
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	0.05%	0.05%	0.04%	0.06%	0.05%	0.04%

*PDT Recommendations



- Remove Options
 - Option 2. 2009-2020
 - Option 4. Second Highest Year
 - Option 6B. Weighted Allocation Timeframe (#2)
 - 2009-2012/2017-2020

AP Report



- Consider adding an explicit option that adds additional quota % from a tiered approach back into state allocations, rather than increasing EESA
- Adjust the statement of the problem to note states that have worked within their quota since 2013
- Consider adding option for Research Set-Aside Quota, similar to EESA
- Concern for the second highest year option



Questions?

3.2 : Episodic Event Set-Aside Program



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



(Pg 22-23) 3.2.1 Increase the Set-Aside

- Option 1. Status Quo (1%)
- Option 2. Increase up to 5%

(Pg 23) 3.2.2 Establish the Set-Aside during Specifications

- Option 1. Status Quo (no change)
- Option 2. Set EESA during Specifications (at an amount between 1-5%)



AP Report



- Consider extending the states that qualify for EESA to be all states (ME-FL)
 - Suggested that states south of NY have episodic events and should be able to access the program
- Consider whether to keep EESA as part of management program



Questions?

3.3 Incidental Catch & Small-Scale Fisheries (IC/SSF)



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.



3.3 IC/SSF Sections



(Pg 24) 3.3.1 Timing of IC/SSF Provision

(Pg 24-25) 3.3.2 Permitted Gear Types of the IC/SSF

(Pg 25) 3.3.3 Trip Limit for Directed Small-Scale Fisheries of IC/SSF

(Pg 26) 3.3.4 Catch Accounting of IC/SSF Provision*

(Pg 27) 3.3.5 Allow access to EESA at <100% state allocation



IC/SSF Management Options



(Pg 23-24) 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



(Pg 24-25) 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



(Pg 25) 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



(Pg 26) 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



(Pg 27) 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 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
- Remove option that allows access to EESA at <100% of state allocation
 - Concern over fairness: 5% is not the same for all qualified states
 - Goal can be achieved through revised allocations

AP Report



- Concern about current language regarding purse seines allowed to be considered 'small-scale'
 - Cited that specifications allow for greater catches than 6,000 lbs
 - Also suggested to include in the addendum a breakdown of state- by state information on seine size limits and regulations



Questions?

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



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



Last



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



Atlantic Menhaden SAS Membership



- Amy Schueller (NOAA, SAS Chair)
- Joey Ballenger (SC)
- Jeff Brust (NJ)
- Matt Cieri (ME)
- Micah Dean (MA)
- Brooke Lowman (VA)
- Jason McNamee (RI)
- Ray Mroch (NOAA)
- Josh Newhard (US FWS, TC Chair)
- Alexei Sharov (MD)
- Chris Swanson (FL)
- ASMFC staff