



Addendum IV Implementation Plans and Conservation Equivalency Proposals for Striped Bass

February 5, 2015

Outline



- Brief review of Addendum IV
- TC established conservation equivalency criteria
- TC review implementation plans and CE proposals
- LEC comments on CE proposals

Addendum IV Overview



- Coastal Recreational
 - 1 fish at 28” with conservation equivalency achieving at least a 25% reduction from 2013
- Coastal Commercial
 - 25% reduction from Amendment 6 quotas
- Chesapeake Bay Recreational and Commercial
 - At least a 20.5% reduction from 2012
 - Fisheries were reduced by 14% in 2013 from 2012 levels



TC Criteria for CE Proposals and General Comments

Criteria for Conservation Equivalency



Recreational Fishery

- Data years: pool three years of data, 2011-2013
- Treatment of sublegal harvest or trips that exceed the bag limit: assume perfect compliance for 2015 but imperfect for 2013
- Post release mortality: use 9% unless other data exist to estimate another mortality rate
- Supplemental data: describe the source (volunteer angler log) and characteristics of the data set (methods, sample size, etc.)

Criteria for Conservation Equivalency



Recreational Fishery

- If treating modes separately (i.e., private vs charter) conduct mode specific analyses
- The total state-wide reduction must achieve at least 25%, but an individual mode may achieve less than 25% reduction
- If treating seasons separately (i.e. spring vs fall) conduct season specific analysis
- Regional proposals can combine data from all states in a region

Criteria for Conservation Equivalency



Commercial Fishery

- If a state would like to maintain a previously approved conservation equivalency proposal, the state must resubmit the proposal using the new Addendum IV quota baseline
- If states with previously approved conservation equivalency choose to increase their minimum size back to 28" there is no analysis needed as this is more conservative
- If states submit a conservation equivalency to increase their commercial quota based on increasing the minimum size, then an estimate of dead discards must be included

General Comments



- The TC still maintains that there is greater certainty in the percent reductions of simple management measures (e.g., changes in bag or size limits) relative to more complex measures (e.g., slot or trophy fish options).
- Changes in angler behavior (e.g., effort, poaching, discards) are not accounted for as they cannot be quantified and may impact the overall calculated percent reductions.

General Comments



- Enforcement of the proposed regulations needs to be considered including, but not limited to, slot limits and how they may be interpreted by states and enforcement officers and the potential to have differing regulations in neighboring states. Due to the latter, the Board may want to consider regional approaches to management for states that are proposing similar management measures.



Implementation Plans And CE Proposals

State Implementation Plans REC



Opt	Mode	Size Limits	Bag	Other	Open Season
Maine					
ME-A	All	28" min	1	B1	1/1 – 12/31
ME-B	All	24 - 26" slot	1	NEW	1/1 – 12/31
New Hampshire					
NH-1	All	28" min	1	B1	1/1 – 12/31

Massachusetts

MA-A	All	28" min	1	B1	1/1 – 12/31
MA-B	PR	28"	1	NEW	1/1 – 12/31
	FH	32"	2		
MA-C	PR	28" min	1	NEW	1/1 – 12/31
	FH	(1) 28-34" slot, (1) ≥ 40"	2		

Rhode Island

RI-A	All	28" min	1	B1	1/1 – 12/31
RI-B	PR	28"	1	NEW	1/1 – 12/31
	FH	32"	2		

Connecticut

CT-1	All	28" min	1	B1	1/1 – 12/31
CT-2	PR	28"	1	NEW (CT & RI)	1/1 – 12/31
	FH	32"	2		

TC Comments



- **Connecticut:** The TC acknowledged that CT did not assume perfect compliance with their recreational bag and size limit analysis (option 2) which results in more conservative reduction estimates than assuming perfect compliance as decided by the TC.



New York Marine

NY-1	All	28" min	1	Option B1 From Add 4	4/15 – 12/15
NY-2	PR	28"	1	NEW	4/15 – 12/15
	FH	32"	2		
NY-3	All	(1) 28-34" slot, (1) \geq 36"	2 (1 + trophy)	Option B7 From Add 4	4/15 – 12/15
NY-4	All	(1) 28-36" slot, (1) \geq 38"	2 (1 + trophy)	Option B8 From Add 4	4/15 – 12/15
NY-5	All	(1) 28-37" slot, (1) \geq 40"	2 (1 + trophy)	Option B9 From Add 4	4/15 – 12/15

New York Delaware River					
NYD-1	All	28" min	1	B1	1/1 – 12/31
New York Hudson River (North River Mile 12)					
NYH-1a	All	18 – 28" slot	1		3/16 – 11/30
NYH-1b	All	18 – 28" slot	1	Circle Hooks Only	3/16 – 11/30
NYH-2a	All	(1) 18-28" slot OR (1) \geq 40"	1		3/16 – 11/30
NYH-2b	All	(1) 18-28" slot OR (1) \geq 40"	1	Circle Hooks Only	3/16 – 11/30
NYH-3a	All	(1) 18-28" slot OR (1) \geq 44"	1		3/16 – 11/30
NYH-3b	All	(1) 18-28" slot OR (1) \geq 44"	1	Circle Hooks Only	3/16 – 11/30

New York Hudson River (North of River Mile 12)

NYH-4a	All	18 – 28” slot	1		Weeks 11–19 (~3/16 – 5/8)
		28” min	1		~5/9 (wk 20) – 11/30
NYH-4b	All	18 – 28” slot	1		Weeks 11–19 (~3/16 – 5/8)
		28” min	1	CH only 5/9- 6/15	~5/9 (wk 20) – 11/30
NYH-5a	All	18 – 28” slot	1		Weeks 11–20 (~3/16 – 5/15)
		28” min	1		~5/16 (wk 21) – 11/30
NYH-5b	All	18 – 28” slot	1		Weeks 11–20 (~3/16 – 5/15)
		28” min	1	CH only 5/16- 6/15	~5/16 (wk 21) – 11/30

TC Comments



- **New York:** The TC noted that all options met the necessary reduction regardless of which release mortality rate (5%, 9% or 16%) was used.

New Jersey

NJ-1	All	(1) 28 to < 43" slot, (1) \geq 43"	2	NEW	1/1 – 12/31
NJ-2	All	(1) 29 to < 36" slot, (1) \geq 36"	2	NEW	1/1 – 12/31

Pennsylvania

PA-1	DE Estuary	21 – 25" slot	2	DE Estuary	4/1 – 5/31
	DE Estuary	28" min	1	DE Estuary	1/1 – 3/31, 6/1 – 12/31
	DE River	28" min	1	DE River	1/1 – 12/31

Opt	Mode	Size Limits	Bag Limits	Other	Season
Delaware					
DE-B5	All	33" min	2	B5	1/1/ - 12/31
DE-B6	All	28 – 34" min	2	B6	1/1/ - 12/31
DE-B7	All	(1) 28 – 34" slot, (1) \geq 36"	2	B7	1/1/ - 12/31
DE-B8	All	(1) 28 – 36" slot, (1) \geq 38"	2	B8	1/1/ - 12/31
DE-B9	All	(1) 28 – 37" slot, (1) \geq 40"	2	B9	1/1/ - 12/31
DE-CE1	All	28" min, no harvest 38 – 43"	2	NEW	1/1/ - 12/31 (catch & release 4/1 – 5/31)
	DE Bay, River and Tributaries	20 – 25" slot	2	NEW	7/1 – 8/31

Maryland					
MD-1a	Coastal	28" min	1	B1	1/1 - 12/31
MD-3a	Trophy	36" min	1	NEW	3 rd Saturday of April - 5/15
MD-3b	Trophy	36" min, *plus 1 fish per charter boat 28 – 36" slot	1* (+1 for charter boat)	NEW	3 rd Saturday of April - 5/15
MD-3c	Ches Bay Summer/Fall	(2) 20 - 28" slot OR (1) 20 – 28" slot, (1) > 28"	2	C4	5/16 - 12/20 (includes 5 day extension)
MD-3d	Ches Bay Summer/Fall	(2) 20 - 28" slot OR (1) 20 – 28" slot, (1) > 28"	2	C4	5/16 – 12/15 (excludes 5 day extension)
District of Columbia					
DC-1	All	(2) 20 – 28" slot OR (1) 20 – 28" slot, (1) > 28"	2	C4	5/16 - 12/31
Potomac River Fisheries Commission					
PRFC-3a	Trophy	36" min	1	NEW	3 rd Saturday of April – 5/15
PRFC-3b	Trophy	36" min, *plus 1 fish per charter boat 28 – 36" slot	1* (+1 for charter boat)	NEW	3 rd Saturday of April – 5/15
PRFC-3c	Summer/Fall	(2) 20" min OR (1) 20 – 28" slot, (1) > 28	2	Option C4 From Add 4	5/16 – 12/31

Option	Mode	Size Limits	Bag Limits	Other	Open Season
Virginia					
VA-A	Coastal	28" min	1	B1	1/1 – 3/31, 5/16 – 12/31
VA-B	Coastal	33" min	2	B5	1/1 – 3/31, 5/16 – 12/31
VA-C	Coastal	(1) 28 – 34" slot, (1) ≥ 36"	2	B7	1/1 – 3/31, 5/16 – 12/31
VA-D	Coastal	(1) 28 – 36" slot, (1) ≥ 38"	2	B8	1/1 – 3/31, 5/16 – 12/31
VA-CB	Chesapeake Bay	(2) 20 – 28" slot OR (1) 20 – 28" slot, (1) > 36"	2	C4	5/16 – 6/15
		(2) 20 – 28" slot OR (1) 20 – 28" slot, (1) > 28"	2	C4	10/4 – 12/31
VA-T	Trophy	36" min	1	NEW	5/1 – 5/15 (Coastal), 5/1 – 6/15 (Chesapeake Bay)
North Carolina					
NC-1	All	28" min	1	Option B1 From Add 4	1/1 – 12/31

State Implementation Plans Commercial



No Commercial Fisheries or Do Not Use Quota

- Maine
- New Hampshire
- District of Columbia
- Pennsylvania

State Implementation Plans Commercial



Massachusetts

- 34" minimum size
- Quota = 869,813
- Season = 6/23-9/1

State Implementation Plans Commercial



Rhode Island

RI-A	General Category	34" min	111,459 lbs	Option B16	6/8 – 8/31; 9/8 – 12/31
	Floating Fish Trap	26" min	70,113 lbs	NEW	4/1 – 12/31
RI-B	General Category	34" min	111,459 lbs	Option B16	6/8 – 8/31; 9/8 – 12/31
	Floating Fish Trap	28" min	71,260 lbs	Option B16	4/1 – 12/31

State Implementation Plans Commercial



Connecticut

- Recreational Bonus Fish Program
- Includes CT River and Marine waters
- 22" minimum (1 voucher/fish)
- 3,018 vouchers representing a 25% reduction
- Open all year

State Implementation Plans Commercial



New York

- 28" minimum = 795,795 pound quota
- 24" minimum = 730,920 pound quota
- Season: 7/1 to 12/15

State Implementation Plans Commercial



New Jersey

- Recreational Bonus Fish Program
- 28" = 241,313 pound quota
- 1 fish 24 to less than 28 or 29" = 215,912 pound quota
- Open all year

Delaware

<p>DE- GN</p>	<p>Gill Net</p>	<p>20" min 28" min</p>	<p>137,831 lbs</p>	<p>DE Bay and River in Spring All other waters, DE Bay and River in Fall</p>	<p>2/15 – 5/31 (2/15 – 3/30 Nanticoke River) 11/15 – 12/31</p>
<p>DE- H/L</p>	<p>Hook & Line</p>	<p>28" min</p>	<p>14,509 lbs</p>		<p>4/1 – 12/31</p>

Option	Mode	Size	Quota	Other	Open
Maryland					
MD-1	Atlantic	24" min	90, 727 lbs	Trawl & Drift Gill Net	1/1 – 3/30, 11/1 – 12/31
MD-4a	Chesapeake Bay	18" – 36" slot	1,471,888 lbs	Drift Gill Net H&L, Haul Seine, Pound Net	1/1 – 2/28, 12/1 – 12/31 6/1 – 11/30
MD-4b	Chesapeake Bay	20" – 36" slot	1,496,631 lbs	Drift Gill Net H&L, Haul Seine, Pound Net	1/1 – 2/28, 12/1 – 12/31 6/1 – 11/30

TC Comments



- **Maryland:** The TC raised concern regarding increased discards due to increased minimum size for their commercial fishery. MD felt that discard mortality would be less of an impact that direct harvest would be on 2011 year class if MD maintained decreased minimum size.

State Implementation Plans Commercial



Option	Mode/Region	Size Limits	Seasonal Quota	Other	Open Season
Potomac River Fisheries Commission					
PRFC-1	Gill Net	18" min 18" – 36" slot	355,810 lbs	Represents	1/1 – 2/14, 11/10 – 12/31 2/15 – 3/25
	Pound Net	18" – 36" slot 18" min	130,090 lbs	20.5% Reduction in	2/15 – 3/25 6/1 – 12/15
	Hook & Line	18" – 36" slot 18" min	84,462 lbs	overall quota split	2/15 – 3/25 6/1 – 12/15
	Miscellaneous	18" – 36" slot 18" min	14,000 lbs	among gear types	2/15 – 3/25 6/1 – 12/15
Virginia					
VA-1	Coastal	28" min	138,640 lbs	Option B16 From Add 4	1/16 – 12/31
VA-2	Chesapeake Bay	18" min 18" – 28" slot	1,064,997 lbs	Represents 20.5% reduction	1/16 – 3/21, 6/16 – 12/31 3/26 – 6/15
North Carolina					
NC-1	All	28" min	360,360 lbs	Option B16 From Add 4	12/1 – 11/30



LEC Comments

LEC Comments



- One size and bag limit for all recreational modes.
- Casual/infrequent recreational angler benefits from regulatory simplicity.
- Filleting on board combined with slot/trophy allowances complicates dockside enforcement.

LEC Comments



- Different regulations for charter vs. private fishing complicate dockside enforcement.
- LEC concerned about further subdivision of recreational regulations.
- Keep regulations as consistent as possible between adjoining states.
- Narrow slot limits are difficult to enforce.
- Circle hook regulations should not be species-specific.

LEC Comments



- Trophy Fish enforcement depends on a well-crafted tag requirement.
- Make Chesapeake Bay regulations consistent for all jurisdictions.
- Some states could share experiences with recreational bonus fish programs.