

14: Puget Sound Shrimp Policy Review –(Policy Decision)

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“GREEN SHEET”

Meeting dates: December 15, 2012, Commission Meeting

Agenda item 14: Commission Action: Puget Sound Shrimp Fishery Policy and Spot Shrimp fishery design – (Policy Decision)

Staff Contact: Rich Childers

Presenter/s: Rich Childers, Puget Sound Shellfish Manager (Fish Program)

Background:

In January 1997, the Fish and Wildlife Commission (Commission) adopted a shrimp fishery policy (C-3608) exclusively for the waters of Hood Canal and in February of 2003 adopted a shrimp fishery policy (C-3610) for Puget Sound waters outside hood Canal. These policies provide guidance for the Washington Department of Fish and Wildlife’s management and fisheries for pink shrimp (*Pandalus eous*), dock shrimp (*Pandalus danae*), coonstripe shrimp (*Pandalus hypsinotus*), and spot shrimp (*Pandalus platyceros*).

In June 2012, the Commission initiated a shrimp policy review and public input process that was completed in November 2012 and included five Commission briefings where public input was provided. The review process included policy C-3608 and C-3610. The purpose and intent for reviewing and updating these policies was to address the changing demographics and shrimp utilization patterns in state-managed fisheries and provide resource conservation guidelines and provisions for effectively managing the state commercial and recreational fisheries.

The review process included an evaluation of six management options for allocating spot shrimp between the state commercial and recreational fisheries. Both the commercial and recreational advisory groups submitted a management recommendation for spot shrimp allocation that was included in the six options being considered. In addition language from policy C-3608 and C-3610 was revised and consolidated into a single policy for Commission adoption at the completion of the review process.

Policy issue(s) you are bringing to the Commission for consideration:

The department is soliciting Commission action on the draft Puget Sound shrimp fishery policy language and the selection of a spot shrimp fishery management option to be incorporated into the revised policy.

Public involvement process used and what you learned:

Five public hearings were held between June and November 2012 to review draft policy language and management options for the spot shrimp fishery. Staff met with the Puget Sound commercial and recreational shrimp advisory groups to solicit input on management options for the spot shrimp fishery.

Commercial advisors and industry representatives recommend a spot shrimp allocation that would provide 40 percent of the state spot shrimp quota for commercial harvest. Recreations Advisors and constituents recommend a spot shrimp allocation that would provide 25 percent of the state spot shrimp quota for commercial harvest.

Action requested (identify the specific Commission decisions you are seeking):

Requesting the adoption of the draft Puget Sound Shrimp Fishery Policy C-3610 and decision on a spot shrimp management option to be included in the adopted policy.

Draft motion language:

1. I move to adopt the Puget Sound Shrimp Fishery Policy C-3610 as written.
 2. I move to adopt and incorporate into policy C-3610 the spot shrimp management option that provides X% of the state spot shrimp quota to the recreational fishery.
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Justification for Commission action:

Communication Plan:

Agency web site and news releases, commercial and recreational advisory boards, recreational fishing groups and organizations, sport fishing pamphlet.

FISH AND WILDLIFE COMMISSION

POLICY DECISION (DRAFT 11-26-12)

POLICY TITLE: Puget Sound Shrimp Fishery **POLICY NUMBER: C-3610**

Supersedes: C-3610, effective 2-10-2003
C-3008, effective 1-4-1997

Effective Date: _____, 201X

Termination Date: (if applicable)

See Also:

Approved: _____

Washington Fish and Wildlife Commission

Purpose

The purpose of this policy is to provide the Washington Department of Fish and Wildlife (Department) policy direction in meeting the dual mission of preserving, protecting, and enhancing fish and wildlife and their habitats while providing fish and wildlife related recreational and commercial opportunities as it relates to the Puget Sound shrimp resource.

Definition and Intent

This policy provides guidance for state managed fisheries for spot shrimp (*Pandalus platyceros*), coonstripe shrimp (*Pandalus hypsinotus*), dock shrimp (*Pandalus danae*), and pink shrimp (*Pandalus eous*) in Washington State waters east of the Bonilla-Tatoosh line (shrimp management regions 1-6 WAC 220-52-051). In establishing this policy direction for Puget Sound, the Fish and Wildlife Commission considered the state-wide harvest of shrimp from the perspective of meeting the needs of the consumer, the commercial harvesters, and the recreational fishers of Washington.

General Policy Statement

The Department shall promote a healthy and sustainable population of pandalid shrimp in Puget Sound and work cooperatively with the Tribal Co-Managers in structuring management measures to ensure a healthy and sustainable resource and achieves a fair sharing of the harvestable resource.

The Department shall provide an annual summary report and briefing describing for each management region the performance and harvest of both commercial and recreational fisheries.

Policy Guidelines

- Preserve, protect, and perpetuate Puget Sound pandalid shrimp resources and associated habitat.

- Provide for shrimp trawl and shrimp pot fisheries in a manner that is consistent with resource conservation goals.
- Allocate the harvest opportunity between state and treaty Indian fisheries consistent with applicable federal court orders.
- Monitor all non-Indian recreational and commercial shrimp harvests for accurate catch accounting.
- Manage Puget Sound shrimp fisheries conservatively until fishery impacts to localized populations and stock abundance are better understood.
- Obtain biological and stock assessment information to improve the Department's understanding of the effectiveness of the current harvest management strategy and quotas.
- Work with stakeholders to develop legislation that implements a voluntary program that allows for converting commercial trawl licenses to pot fishery licenses specific for the harvest of non-spot shrimp *Pandalus hypsinotus* and *Pandalus danae*.
- Work with stakeholders to develop legislation that implements a industry funded commercial pot fishery license buy-back program with an objective of reducing the number of licenses.
- Pursue communication, education, and enforcement strategies to enhance compliance with regulations and reduce gear loss.
- Provide easily accessible information to the public regarding recreational fishery rules including website information, and pages in the sport pamphlet devoted to information regarding the rules that govern this fishery.
- Adopt provisions of this policy for a minimum of five years,

Regional Management Strategies for the Spot Shrimp Pot Fishery

The management intent is to provide for meaningful and stable recreational and commercial fisheries and to focus the commercial fishery in the areas that are less accessible to recreational fishers. Shrimp

Four spot shrimp fishery management options are being considered by the commission

Management Strategy for the Non-Spot Shrimp Pot Fishery

The Puget Sound recreational non-spot shrimp pot fishery will be managed to take up to 20% of the state quota. The commercial non-spot pot fishery will be managed for the remaining state quota of non-spot shrimp.

Management Strategy for the Non-Spot Shrimp Trawl Fishery

The shrimp trawl fishery will be managed for the exclusive benefit of the commercial fishery and will be restricted to Regions 1 and 3. The trawl fishery will be designed and regulated to harvest non-spot pandalid shrimp only.

Option 1. November 26, 2012. (Option 1 represents the current policy management strategy with an overall general allocation objective included)

Spot Shrimp Harvest Management and Allocation Objectives

General Allocation Objective

The Puget Sound recreational spot shrimp fishery will be managed for an annual harvest allocation of 50% of the combined state spot shrimp quota for all management regions. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remaining 50% of the state's overall quota.

Regional Allocation Guidelines

Recreational fisheries will be designed to take a percentage of the state's spot shrimp quota from each management region. To achieve the general 50%-50% allocation objective, recreational harvest greater or less than the regional percentage can occur.

Region 1 - Managed to provide commercial and recreational harvest opportunity. The recreational fishery will be structured to harvest 15% of the state quota annually.

Region 2 - Managed to provide commercial and recreational harvest opportunity. The recreational fishery will be structured to harvest 60% of the state quota annually.

Region 3 - Managed to provide commercial and recreational harvest opportunity. The recreational fishery will be structured to harvest 15% of the state quota annually. The state shrimp fishery in the Discovery Bay Shrimp District will be managed for the exclusive benefit of the recreational fishery.

Region 4 - Managed to provide commercial and recreational harvest opportunity. The recreational fishery will be structured to harvest 60% of the state quota annually.

Region 5 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state quota annually.

Region 6 - Managed to provide commercial and recreational harvest opportunity. The recreational fishery will be structured to harvest 40% of the state quota annually.

Option 1 Final: Commercial and recreational harvest allocation based on 2012 spot shrimp quota								
Management Region	Total Quota	State Share	Recreational Harvest	Commercial Harvest	Total Harvest	Percent Recreational	Percent Commercial	Estimated Days Recreational
Region 1	92,000	46,000	6,900	39,100	46,000	15%	85%	6
Region 3	176,000	88,000	13,200	74,800	88,000	15%	85%	68
Region 3 Discovery Bay SD	4,000	2,000	2,000	0	2,000	100%	0%	4
Region 1 & 3 Total	272,000	136,000	22,100	113,900	136,000			
percentage			16%	84%				
Region 2	51,000	25,500	15,300	10,200	25,500	60%	40%	2
Region 4	20,000	10,000	6,000	4,000	10,000	60%	40%	2
Region 5	170,000	85,000	85,000	0	85,000	100%	0%	4
Region 6	8,000	4,000	1,600	2,400	4,000	40%	60%	2
Region 2,4,5 & 6 Total	249,000	124,500	107,900	16,600	124,500			
percentage			100%	0%				
Grand Total	521,000	260,500	130,000	130,500	260,500			
percentage			50%	50%				

Option 2 – November 26, 2012

Spot Shrimp Harvest Management and Allocation Objectives

General Allocation Objective

The Puget Sound recreational spot shrimp fishery will be managed for an annual harvest allocation of 65% of the combined state spot shrimp quota for all management regions. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remaining 35% of the state’s overall quota.

Regional Allocation Guidelines

Recreational fisheries will be designed to take a percentage of the state’s spot shrimp quota from each management region. To achieve the 65%-35% general allocation objective, recreational harvest greater or less than the regional percentage can occur. Commercial and recreational allocation within Regions 1 and 3 will be adjusted (annually or in season) by equal percentage points to ensure the Puget Sound general allocation objective of 65%-35% is attained.

Region 1 - Managed to provide recreational and commercial and harvest opportunity. The recreational fishery will be structured to harvest 65% of the state quota. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remainder of the state quota.

Region 2 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state’s quota. Commercial harvest openings can occur in Region 2 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 3 - Managed for the primary benefit of the commercial fishery. The recreational fishery will be structured to harvest 15% of the state quota. The state shrimp fishery in the Discovery Bay shrimp district will be managed for the exclusive benefit of the recreational fishery.

Region 4 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state’s quota. Commercial harvest openings can occur in Region 4 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 5 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State’s quota. Commercial harvest openings can occur in Region 5 after the recreational season is completed, with a maximum harvest of 5% of the state quota.

Region 6 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State’s quota. Commercial harvest openings can occur in Region 6 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Option 2: Commerical and recreational harvest allocation based on 2012 spot shrimp quota								
Management Region	Total Quota	State Share	Recreational Harvest	Commercial Harvest	Total Harvest	Percent Recreational	Percent Commercial	Estimated Days Recreational
Region 1	92,000	46,000	29,900	16,100	46,000	65%	35%	26
Region 3	176,000	88,000	13,200	74,800	88,000	15%	85%	68
Region 3 Discovery Bay SD	4,000	2,000	2,000	0	2,000	100%	0%	4
Region 1 & 3 Total	272,000	136,000	45,100	90,900	136,000			
percentage			33%	67%				
Region 2	51,000	25,500	25,500	0	25,500	100%	0%	3
Region 4	20,000	10,000	10,000	0	10,000	100%	0%	4
Region 5	170,000	85,000	85,000	0	85,000	100%	0%	4
Region 6	8,000	4,000	4,000	0	4,000	100%	0%	5
Region 2,4,5 & 6 Total	249,000	124,500	124,500	0	124,500			
percentage			100%	0%				
Grand Total	521,000	260,500	169,600	90,900	260,500			
percentage			65%	35%				

Option 3. November 26, 2012

Spot Shrimp Harvest Management and Allocation Objectives

General Allocation Objective

The Puget Sound recreational spot shrimp fishery will be managed for an annual harvest allocation of 70% of the combined state spot shrimp quota for all management regions. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remaining 30% of the state's overall quota.

Regional Allocation Guidelines

Recreational fisheries will be designed to take a percentage of the state's spot shrimp quota from each management region. To achieve the 70%-30% general allocation objective, recreational harvest greater or less than the regional percentage can occur. Commercial and recreational allocation within Regions 1 and 3 will be adjusted (annually or in-season) by equal percentage points to ensure the Puget Sound general allocation objective of 70%-30% is attained.

Region 1 - Managed to provide recreational and commercial and harvest opportunity. The recreational fishery will be structured to harvest 80% of the state quota. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remainder of the state quota.

Region 2 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state's quota. Commercial harvest openings can occur in Region 2 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 3 - Managed for the primary benefit of the commercial fishery. The recreational fishery will be structured to harvest 22% of the state quota. The state shrimp fishery in the Discovery Bay shrimp district will be managed for the exclusive benefit of the recreational fishery.

Region 4 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state's quota. Commercial harvest openings can occur in Region 4 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 5 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State's quota. Commercial harvest openings can occur in Region 5 after the recreational season is completed, with a maximum harvest of 5% of the state quota.

Region 6 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State's quota. Commercial harvest openings can occur in Region 6 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Option 3: Commerical and recreational harvest allocation based on 2012 spot shrimp quota								
Management Region	Total Quota	State Share	Recreational Harvest	Commercial Harvest	Total Harvest	Percent Recreational	Percent Commercial	Estimated Days Recreational
Region 1	92,000	46,000	36,800	9,200	46,000	80%	20%	32
Region 3	176,000	88,000	19,360	68,640	88,000	22%	78%	99
Region 3 Discovery Bay SD	4,000	2,000	2,000	0	2,000	100%	0%	4
Region 1 & 3 Total	272,000	136,000	58,160	77,840	136,000			
percentage			43%	57%				
Region 2	51,000	25,500	25,500	0	25,500	100%	0%	3
Region 4	20,000	10,000	10,000	0	10,000	100%	0%	4
Region 5	170,000	85,000	85,000	0	85,000	100%	0%	4
Region 6	8,000	4,000	4,000	0	4,000	100%	0%	5
Region 2,4,5 & 6 Total	249,000	124,500	124,500	0	124,500			
percentage			100%	0%				
Grand Total	521,000	260,500	182,660	77,840	260,500			
percentage			70%	30%				

Option 3 Example 2 (Additional 20,000 pound quota added to Region 3)

Option 3: Harvest allocation based on 2012 spot shrimp quota with additional 20,000 lb increase in Region 3								
Management Region	Total Quota	State Share	Recreational Harvest	Commercial Harvest	Total Harvest	Percent Recreational	Percent Commercial	Estimated Days Recreational
Region 1	92,000	46,000	38,180	7,820	46,000	83%	17%	33
Region 3	196,000	98,000	24,500	73,500	98,000	25%	75%	126
Region 3 Discovery Bay S	2,000	2,000	2,000	0	2,000	100%	0%	4
Region 1 & 3 Total	292,000	146,000	64,680	81,320	146,000			
percentage			44%	56%				
Region 2	51,000	25,500	25,500	0	25,500	100%	0%	3
Region 4	20,000	10,000	10,000	0	10,000	100%	0%	4
Region 5	170,000	85,000	85,000	0	85,000	100%	0%	4
Region 6	8,000	4,000	4,000	0	4,000	100%	0%	5
Region 2,4,5 & 6 Total	249,000	124,500	124,500	0	124,500			
percentage			100%	0%				
Grand Total	541,000	270,500	189,180	81,320	270,500			
percentage			70%	30%				

Commercial Advisor Group Spot Shrimp Allocation Recommendation. November 26, 2012

Regional Allocation Guidelines

Recreational fisheries will be designed to take a percentage of the state’s spot shrimp quota from each management region.

Region 1 - Managed to provide recreational and commercial and harvest opportunity. The recreational fishery will be structured to harvest 38% of the state quota. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remainder of the state quota.

Region 2 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state’s quota. Commercial harvest openings can occur in Region 2 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 3 - Managed for the primary benefit of the commercial fishery. The recreational fishery will be structured to harvest 15% of the state quota. The state shrimp fishery in the Discovery Bay shrimp district will be managed for the exclusive benefit of the recreational fishery.

Region 4 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state’s quota. Commercial harvest openings can occur in Region 4 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 5 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State’s quota. Commercial harvest openings can occur in Region 5 after the recreational season is completed, with a maximum harvest of 5% of the state quota.

Region 6 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State’s quota. Commercial harvest openings can occur in Region 6 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Com Adv Option: Commercial and recreational harvest allocation based on 2012 spot shrimp quota								
Management Region	Total Quota	State Share	Recreational Harvest	Commercial Harvest	Total Harvest	Percent Recreational	Percent Commercial	Estimated Days Recreational
Region 1	92,000	46,000	17,480	28,520	46,000	38%	62%	15
Region 3	176,000	88,000	13,200	74,800	88,000	15%	85%	68
Region 3 Discovery Bay SD	4,000	2,000	2,000	0	2,000	100%	0%	4
Region 1 & 3 Total	272,000	136,000	32,680	103,320	136,000			
percentage			24%	76%				
Region 2	51,000	25,500	25,500	0	25,500	100%	0%	3
Region 4	20,000	10,000	10,000	0	10,000	100%	0%	4
Region 5	170,000	85,000	85,000	0	85,000	100%	0%	4
Region 6	8,000	4,000	4,000	0	4,000	100%	0%	5
Region 2,4,5 & 6 Total	249,000	124,500	124,500	0	124,500			
percentage			100%	0%				
Grand Total	521,000	260,500	157,180	103,320	260,500			
percentage			60%	40%				

Recreational Advisor Group Spot Shrimp Allocation Recommendation. November 26, 2012

Spot Shrimp Harvest Management and Allocation Objectives

General Allocation Objective

The Puget Sound recreational spot shrimp fishery will be managed for an annual harvest allocation of 75% of the combined state spot shrimp quota for all management regions. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remaining 25% of the state's overall quota.

Regional Allocation Guidelines

Recreational fisheries will be designed to take a percentage of the state's spot shrimp quota from each management region. To achieve the 75%-25% general allocation objective, recreational harvest greater or less than the regional percentage can occur. Commercial and recreational allocation within Regions 1 and 3 will be adjusted (annually or in-season) by equal percentage points to ensure the Puget Sound general allocation objective of 75%-25% is attained.

Region 1 - Managed to provide recreational and commercial and harvest opportunity. The recreational fishery will be structured to harvest 90% of the state quota. The state commercial spot shrimp fishery shall be provided harvest opportunity for the remainder of the state quota.

Region 2 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state's quota. Commercial harvest openings can occur in Region 2 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 3 - Managed for the primary benefit of the commercial fishery. The recreational fishery will be structured to harvest 30% of the state quota. The state shrimp fishery in the Discovery Bay shrimp district will be managed for the exclusive benefit of the recreational fishery.

Region 4 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the state's quota. Commercial harvest openings can occur in Region 4 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Region 5 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State's quota. Commercial harvest openings can occur in Region 5 after the recreational season is completed, with a maximum harvest of 5% of the state quota.

Region 6 - Managed for the primary benefit of the recreational fishery. The recreational fishery will be structured to take 100% of the State's quota. Commercial harvest openings can occur in Region 6 after the recreational season is completed, with a maximum harvest of 10% of the state quota.

Recreational Advisors Recommendation Final:								
Commercial and recreational harvest allocation based on 2012 spot shrimp quota								
Management Region	Total Quota	State Share	Recreational Harvest	Commercial Harvest	Total Harvest	Percent Recreational	Percent Commercial	Estimated Days Recreational
Region 1	92,000	46,000	41,400	4,600	46,000	90%	10%	36
Region 3	176,000	88,000	26,400	61,600	88,000	30%	70%	136
Region 3 Discovery Bay SD	4,000	2,000	2,000	0	2,000	100%	0%	4
Region 1 & 3 Total	272,000	136,000	69,800	66,200	136,000			
percentage			51%	49%				
Region 2	51,000	25,500	25,500	0	25,500	100%	0%	3
Region 4	20,000	10,000	10,000	0	10,000	100%	0%	4
Region 5	170,000	85,000	85,000	0	85,000	100%	0%	4
Region 6	8,000	4,000	4,000	0	4,000	100%	0%	5
Region 2,4,5 & 6 Total	249,000	124,500	124,500	0	124,500			
percentage			100%	0%				
Grand Total	521,000	260,500	194,300	66,200	260,500			
percentage			75%	25%				