

Southern U.S. Fisheries Affecting Chinook Salmon

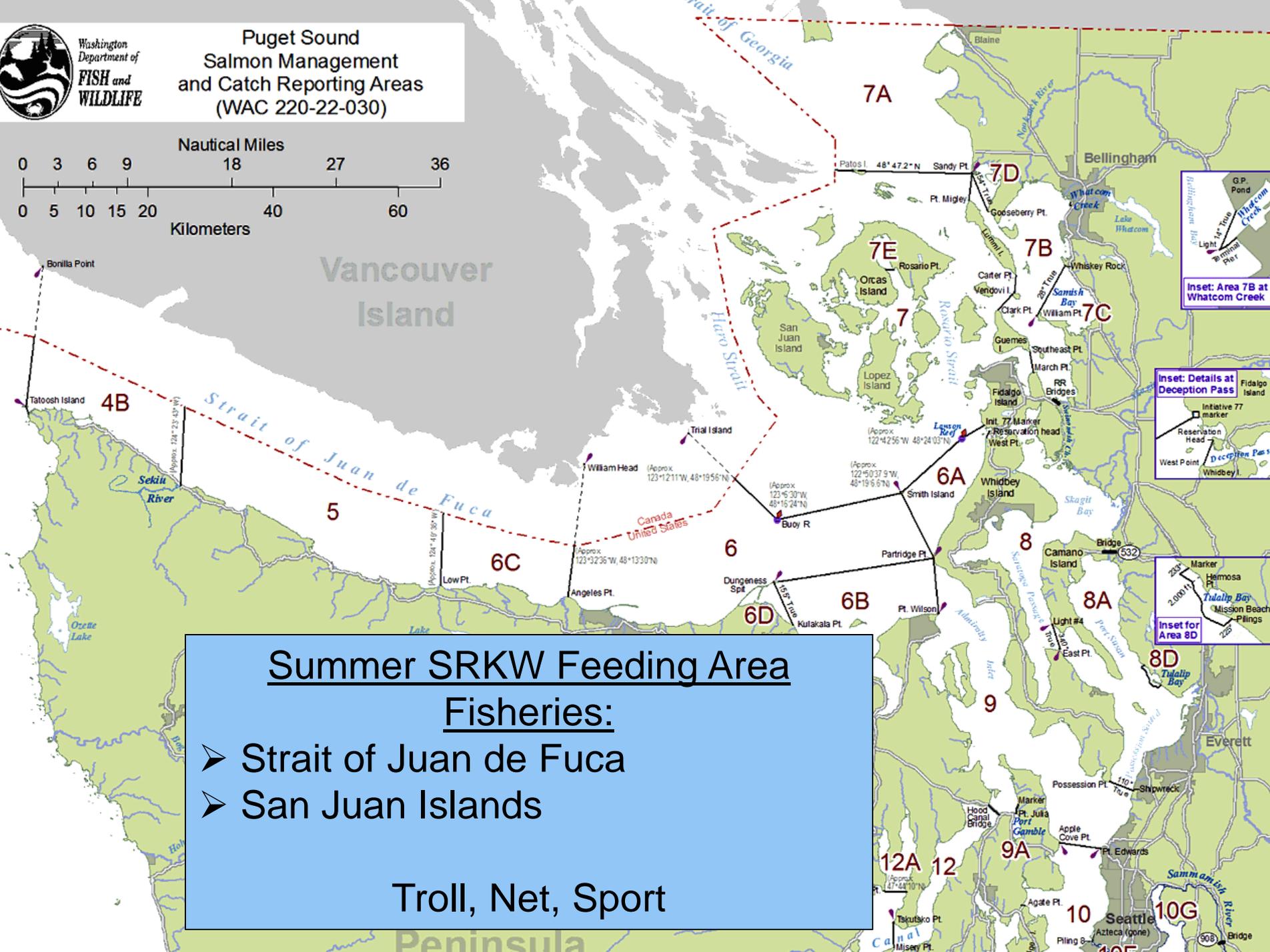
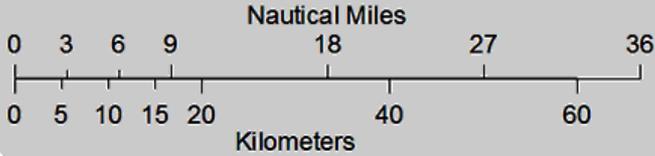


Washington Department of Fish and Wildlife

- 
- Fisheries occurring simultaneous to Summer SRKW feeding time & area
 - Current vs. Historical Chinook
 - Chinook Stocks affected



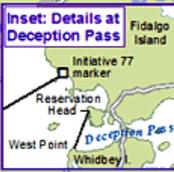
Puget Sound
Salmon Management
and Catch Reporting Areas
(WAC 220-22-030)



Summer SRKW Feeding Area Fisheries:

- Strait of Juan de Fuca
- San Juan Islands

Troll, Net, Sport





Washington
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**FISH and
WILDLIFE**

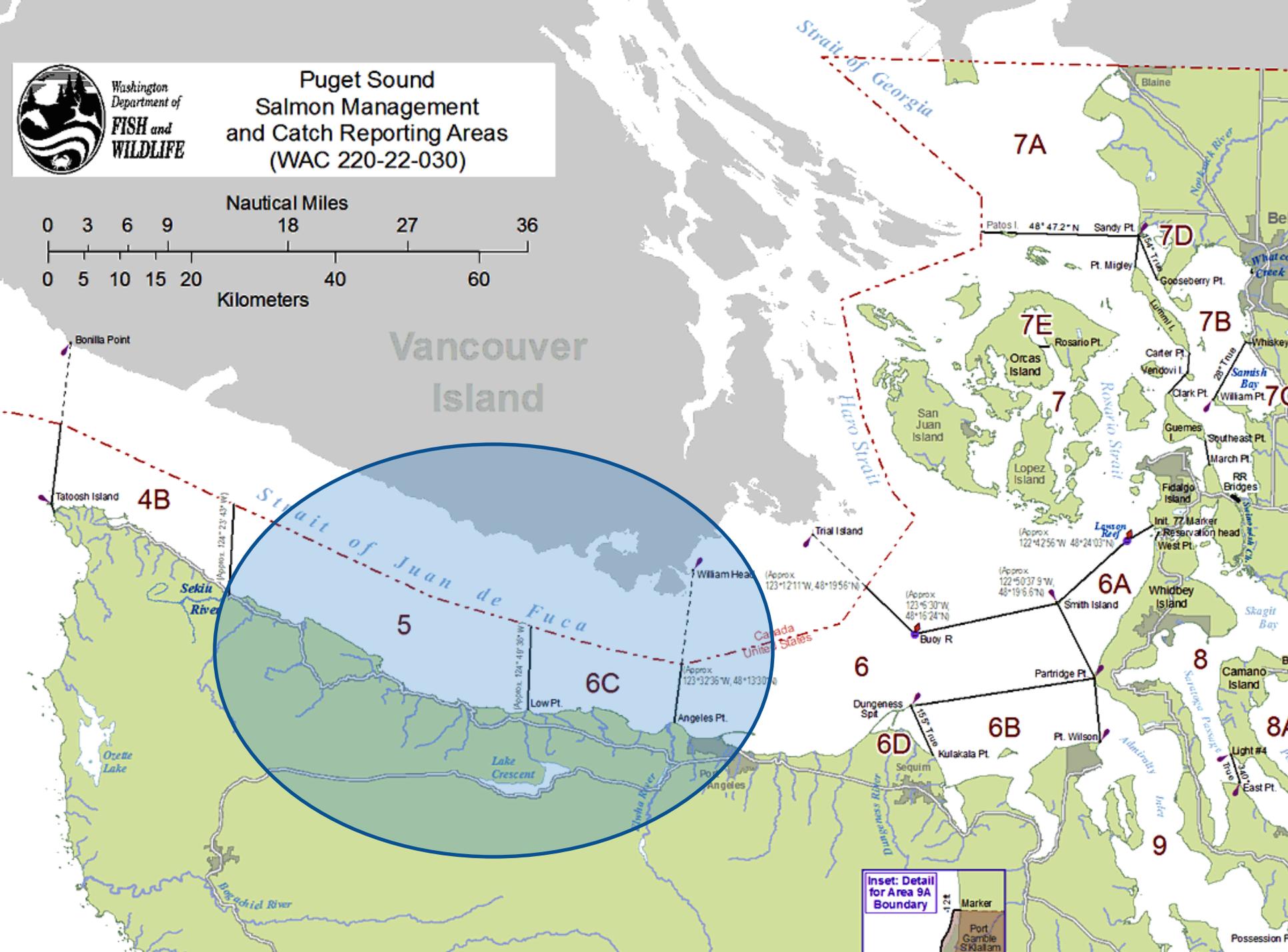
Puget Sound Salmon Management and Catch Reporting Areas (WAC 220-22-030)

Nautical Miles

0 3 6 9 18 27 36

Kilometers

0 5 10 15 20 40 60



**Inset: Detail
for Area 9A
Boundary**





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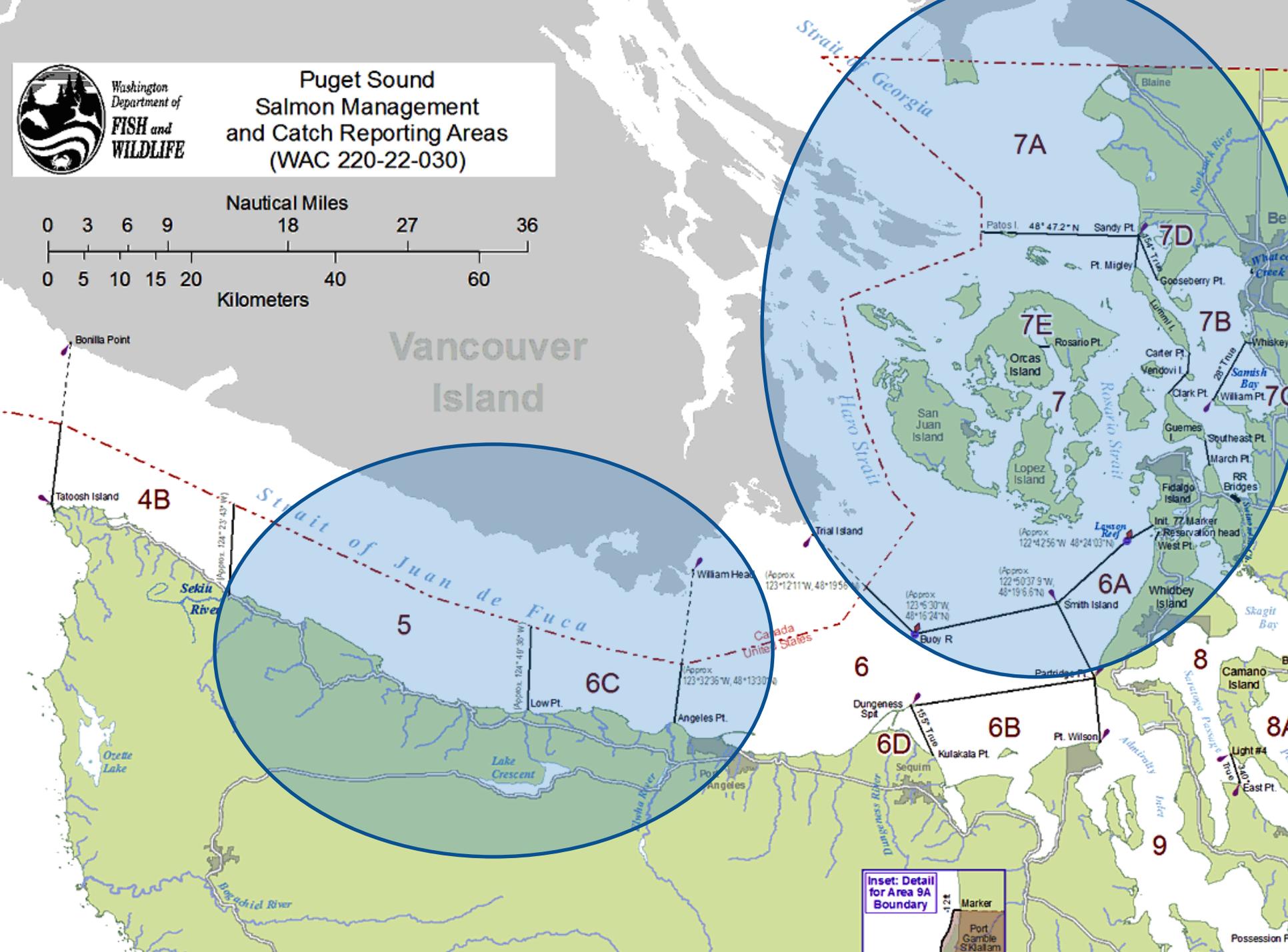
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Possession P

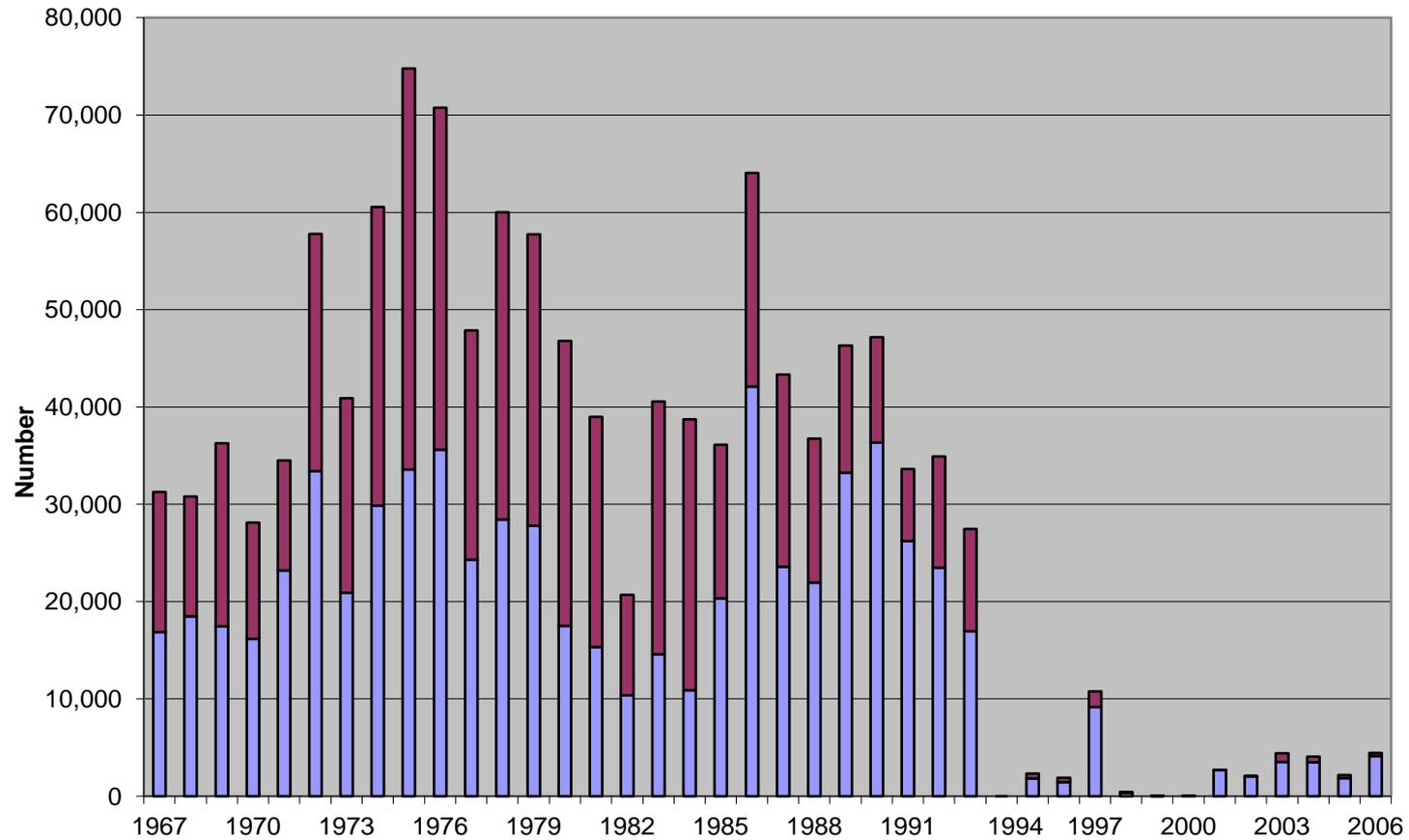
Areas 5&6 Recreational Fishery

1975-1993 Avg.

2001-2008 Avg.

52,737

4,728





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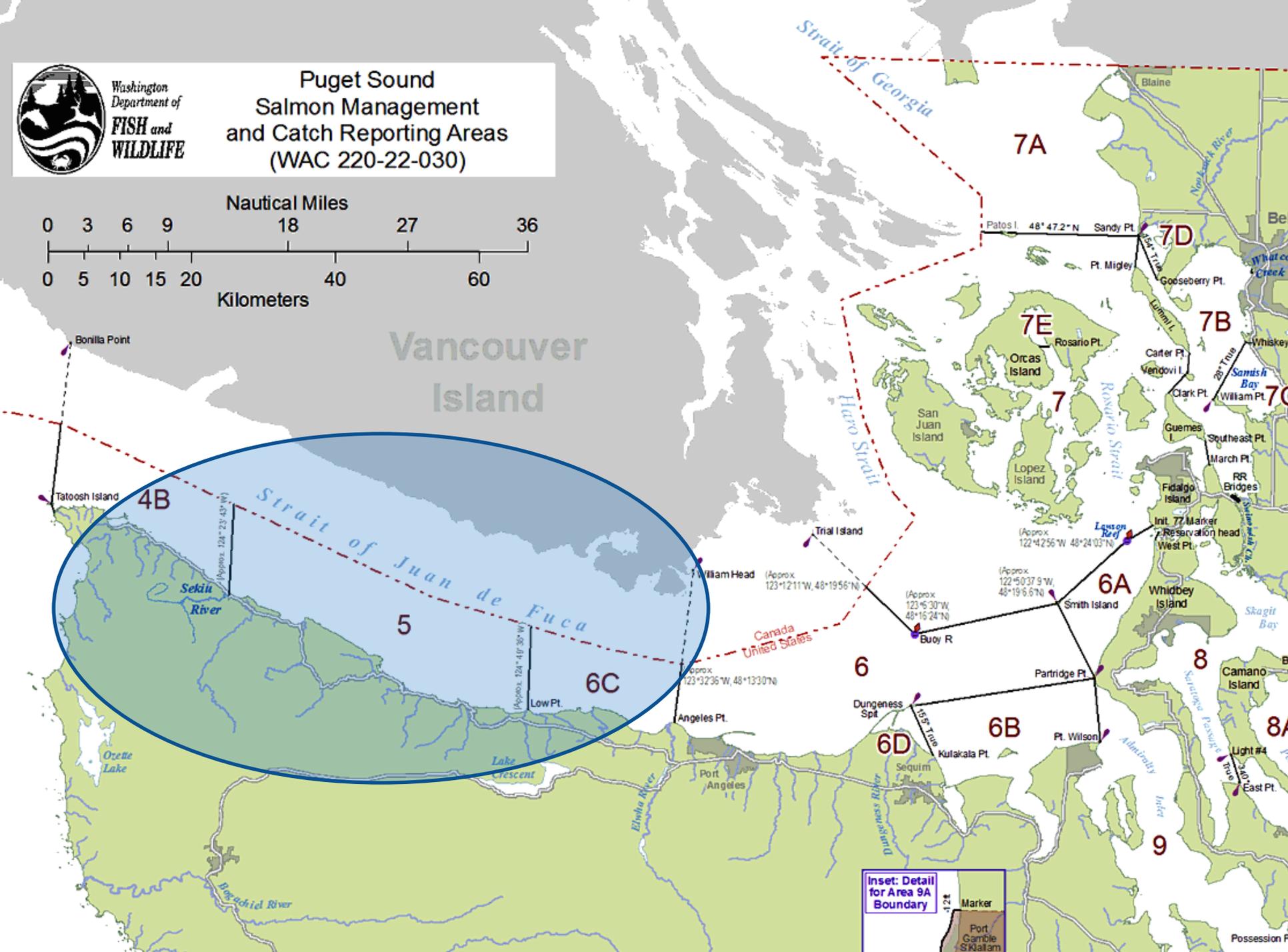
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Nautical Miles

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Kilometers

0 5 10 15 20 40 60



Inset: Detail for Area 9A Boundary

124
Marker
Port Gamble
Skallam

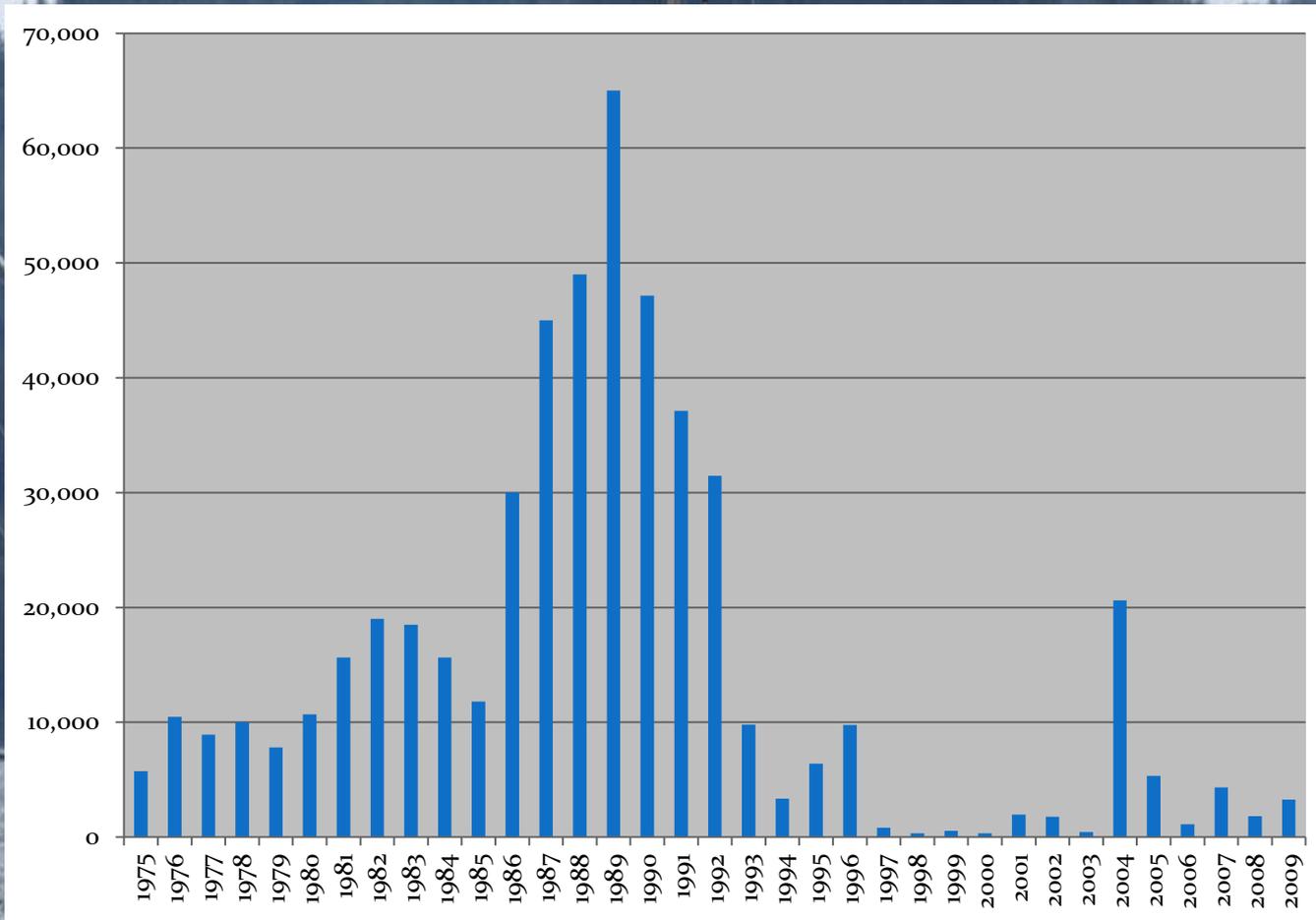
Strait Tribal Troll

1975-1993 Avg.

23,621

2005-2009 Avg.

3,177 (summer < 1,000)





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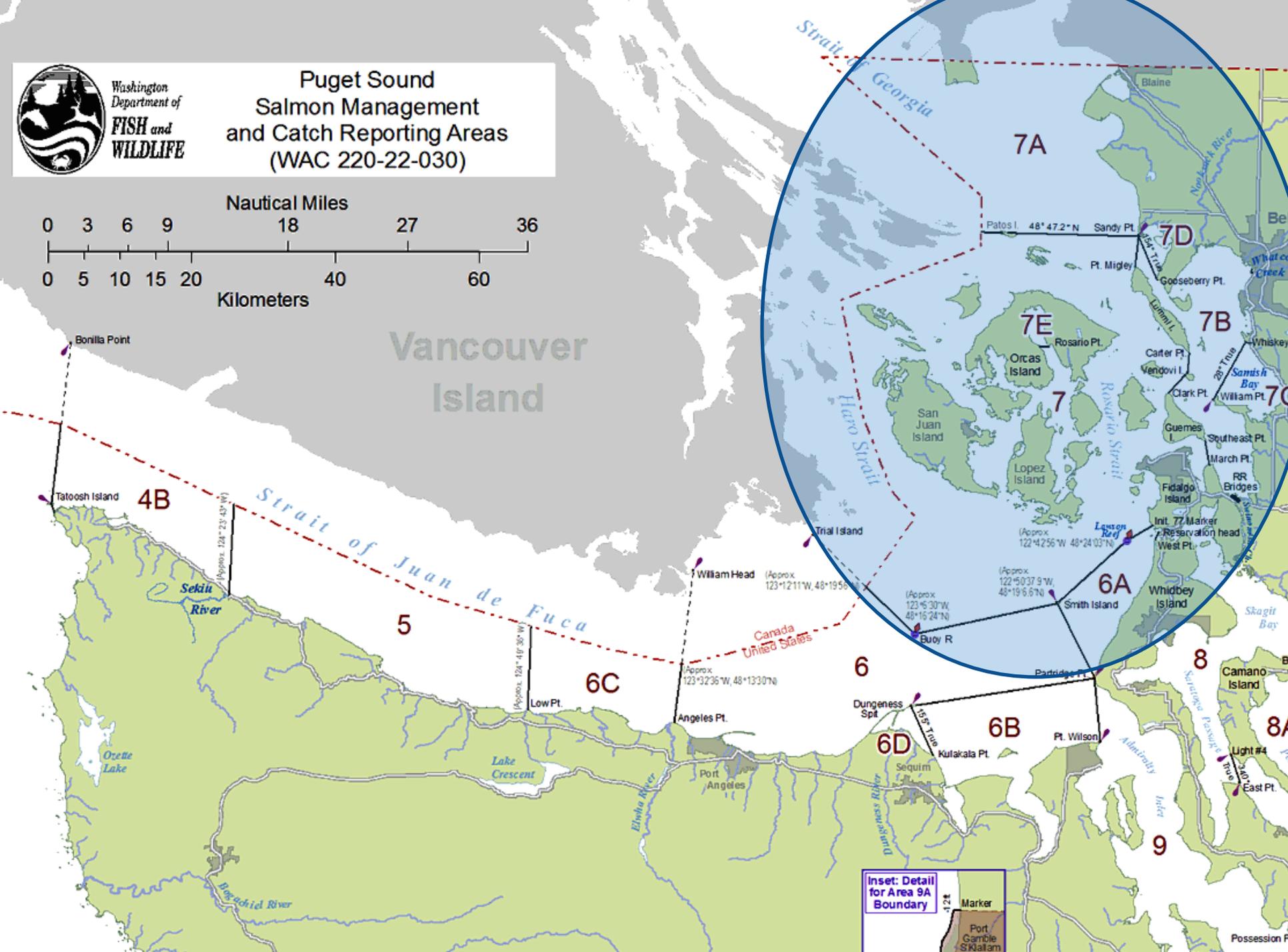
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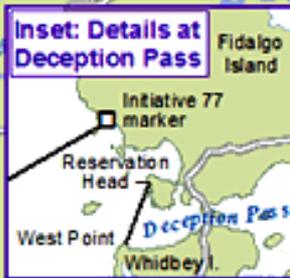
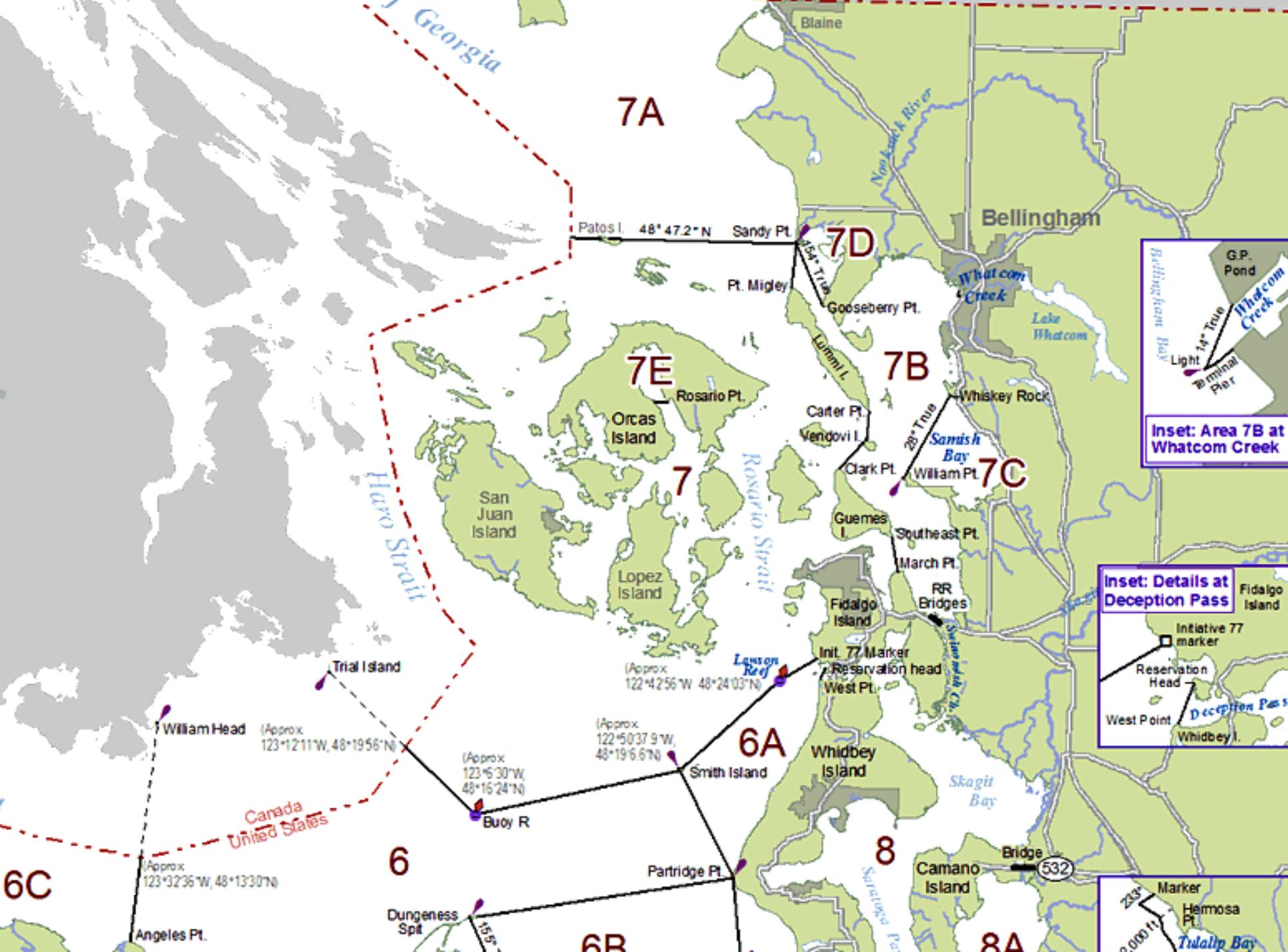
0 5 10 15 20 40 60



**Inset: Detail
for Area 9A
Boundary**

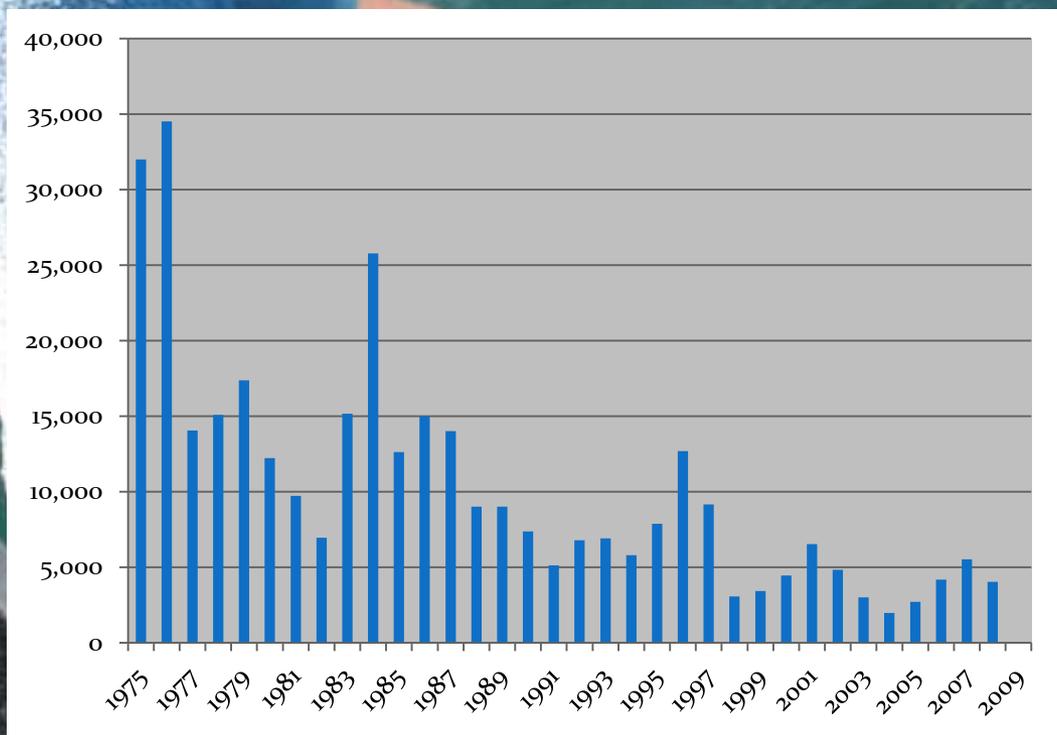


Possession Pt.

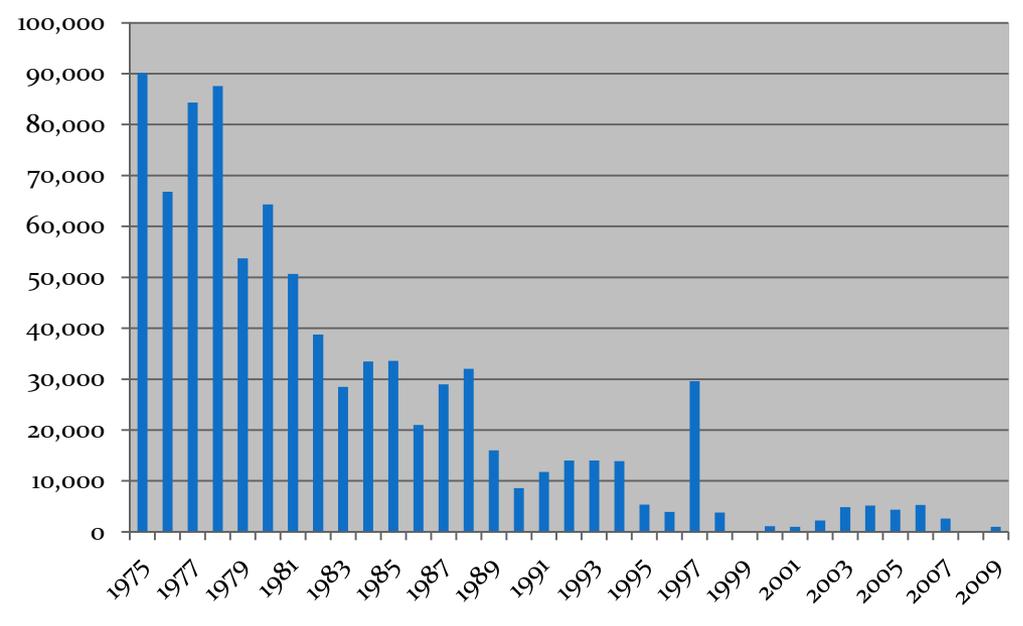


San Juan Island Recreational Fishery

1975-1993 Avg.	2004-2008 Avg.
14,138	3,677



Pink and Sockeye Net Fisheries



1975-1993 Avg.

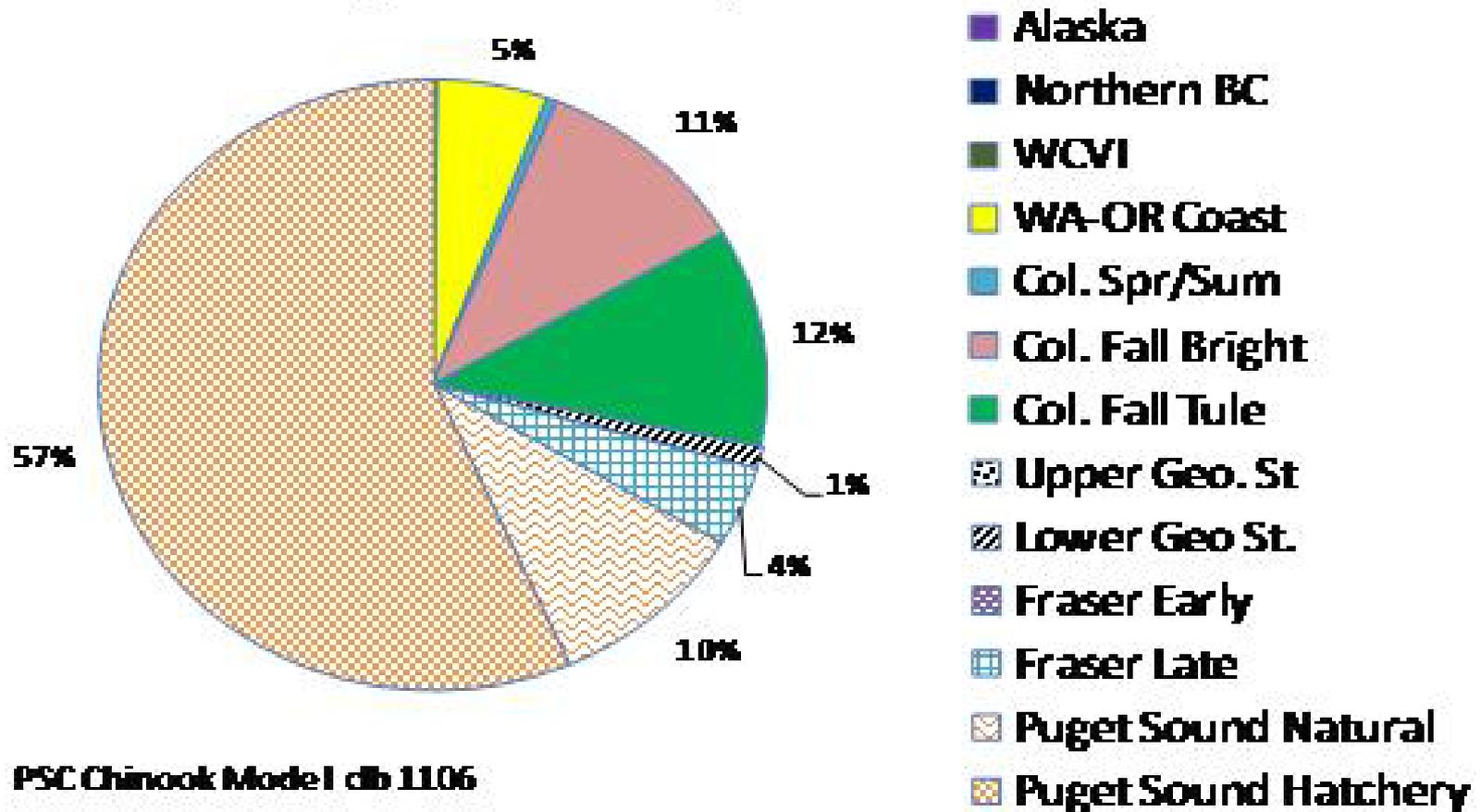
40,960

2005-2009 Avg.

2,664

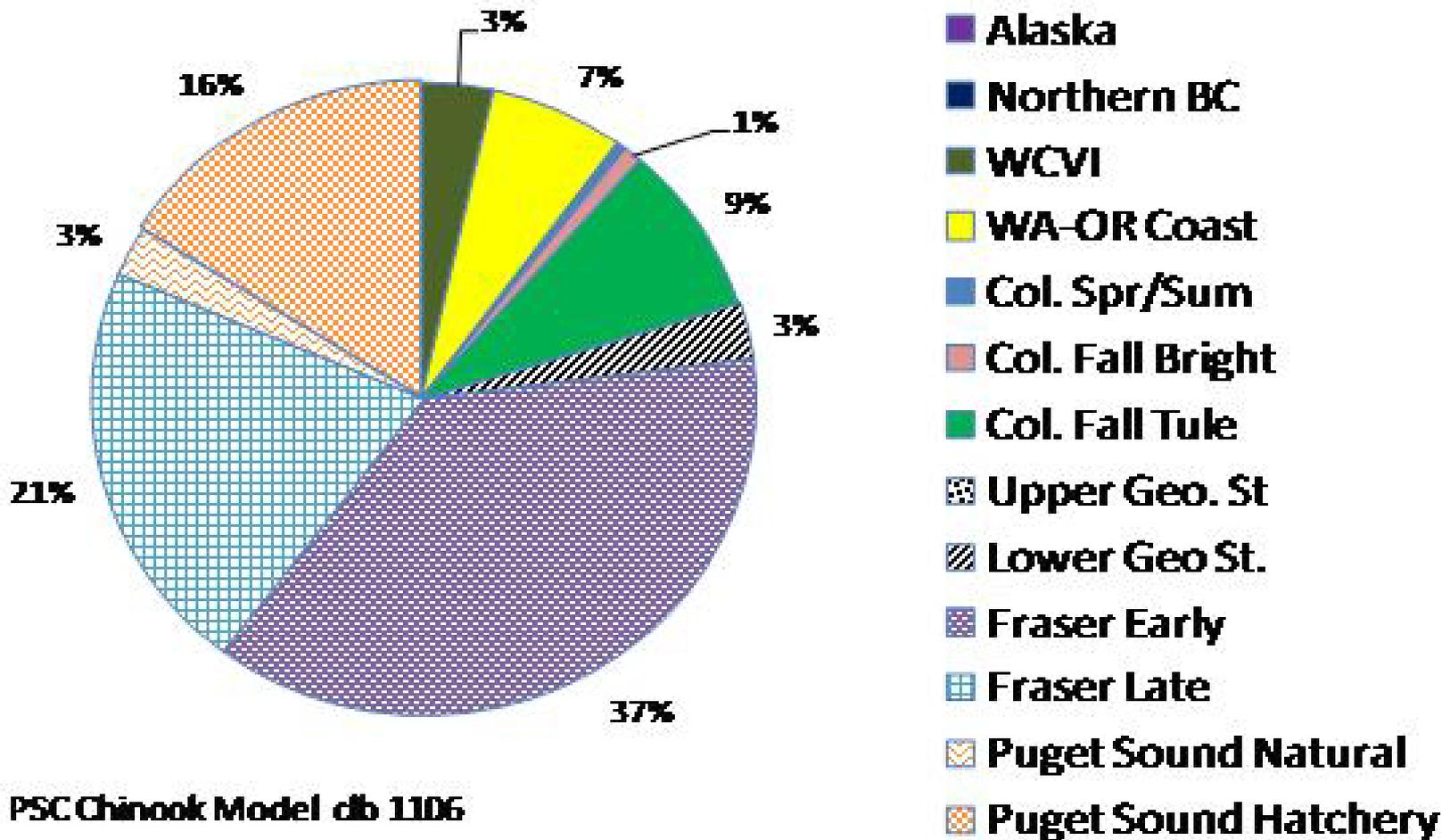
Chinook Stock Comp. (Sport)

Average Stock Composition, 1994-2008



Chinook Stock Comp. (Net)

Average Stock Composition, 1994-2008



PSC Chinook Model db 1106

Take home:

- Chinook impact of fisheries occurring simultaneous to prime SRKW feeding time and area reduced by ~90% from historical levels
 - Due to closure or restrictions as management response to status of wild Puget Sound Chinook stocks
- Pink & Sockeye net fisheries are the only fishery with significant Fraser River Chinook impact
 - Less than 3,000 Chinook per year
 - Sport and Troll target Puget Sound stocks