

**Table A. Summary of Stock Status for FSSI Stocks**

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Atlantic Sea Scallop	Atlantic Sea Scallop	NEFMC	No	No	No	N/A	N/A
Northeast Multispecies	Cod - Gulf of Maine	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	4/10-year plan
Northeast Multispecies	Cod - Georges Bank	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	4/22-year plan
Northeast Multispecies	Haddock - Gulf of Maine	NEFMC	No	Yes	N/A	continue rebuilding	4/10-year plan
Northeast Multispecies	Haddock - Georges Bank	NEFMC	No	Yes	N/A	continue rebuilding	4/10-year plan
Northeast Multispecies	American Plaice	NEFMC	No	Yes	N/A	continue rebuilding	4/10-year plan
Northeast Multispecies	Redfish	NEFMC	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	4/47-year plan
Northeast Multispecies	Witch Flounder	NEFMC	No	No	No	N/A	N/A
Northeast Multispecies	Yellowtail Flounder - Georges Bank	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	2/8-year plan
Northeast Multispecies	Yellowtail Flounder - Southern New England/Middle Atlantic	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	4/10-year plan
Northeast Multispecies	Yellowtail Flounder - Cape Cod / Gulf of Maine	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	4/19-year plan
Northeast Multispecies	White Hake	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	4/10-year plan
Northeast Multispecies	Pollock	NEFMC	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	4/10-year plan
Northeast Multispecies	Windowpane Flounder - Gulf of Maine / Georges Bank	NEFMC	No	No	No	N/A	N/A

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Northeast Multispecies	Windowpane Flounder - Southern New England / Middle Atlantic	NEFMC	No	Yes	N/A	continue rebuilding	4/10-year plan
Northeast Multispecies	Winter Flounder - Gulf of Maine	NEFMC	No	No	No	N/A	N/A
Northeast Multispecies	Winter Flounder - Georges Bank	NEFMC	Yes	No	No	reduce mortality	N/A
Northeast Multispecies	Winter Flounder - Southern New England / Middle Atlantic	NEFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	4/10-year plan
Northeast Multispecies	Silver Hake - Gulf of Maine / Northern Georges Bank	NEFMC	No	No	No	N/A	N/A
Northeast Multispecies	Silver Hake - Southern Georges Bank / Middle Atlantic	NEFMC	No	No	No	N/A	Rebuilt
Northeast Multispecies	Red Hake - Gulf of Maine / Northern Georges Bank	NEFMC	Unknown	No	No	N/A	N/A
Northeast Multispecies	Red Hake - Southern Georges Bank / Middle Atlantic	NEFMC	Undefined	No	Unknown <sup>2</sup>	N/A	N/A
Northeast Multispecies	Ocean Pout	NEFMC	No	Yes	N/A	continue rebuilding	4/10-year plan
Northeast Multispecies	Atlantic Halibut	NEFMC	Unknown	Yes	N/A	continue rebuilding	undetermined <sup>3</sup>
Northeast Multispecies	Offshore Hake	NEFMC	Undefined	No	Unknown <sup>2</sup>	N/A	N/A
Northeast Skate Complex	Little Skate	NEFMC	No	No	No	N/A	N/A
Northeast Skate Complex	Winter Skate	NEFMC	No	Yes	N/A	rebuilding program <sup>4</sup>	to be developed <sup>4</sup>
Northeast Skate Complex	Barndoor Skate	NEFMC	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	year 5 of plan <sup>5</sup>
Northeast Skate Complex	Thorny Skate	NEFMC	No	Yes	N/A	continue rebuilding	year 5 of plan <sup>5</sup>
Northeast Skate Complex	Clearnose Skate	NEFMC	No	No	No	N/A	N/A
Northeast Skate Complex	Rosette Skate	NEFMC	No	No	No	N/A	N/A

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Northeast Skate Complex	Smooth Skate	NEFMC	No	No	Unknown <sup>2</sup>	N/A	N/A
Atlantic Herring	Atlantic Herring	NEFMC	No	No	No	N/A	N/A
Deep-Sea Red Crab	Deep-Sea Red Crab	NEFMC	No <sup>6</sup>	Unknown	Unknown	N/A	N/A
Monkfish	Monkfish - North	NEFMC/MAFMC	No	Yes <sup>7</sup>	N/A	continue rebuilding	8/10-year plan
Monkfish	Monkfish - South	NEFMC/MAFMC	No	Yes <sup>7</sup>	N/A	continue rebuilding	8/10-year plan
Spiny Dogfish	Spiny Dogfish	NEFMC/MAFMC	No	No - rebuilding <sup>8</sup>	N/A	continue rebuilding	8/5-year plan <sup>9</sup>
Summer Flounder, Scup and Black Sea Bass	Summer Flounder	MAFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	8/13-year plan
Summer Flounder, Scup and Black Sea Bass	Scup	MAFMC	Yes <sup>10</sup>	Yes	N/A	reduce mortality continue rebuilding	Approved for 1/1/08 implementation
Summer Flounder, Scup and Black Sea Bass	Black Sea Bass	MAFMC	No <sup>11</sup>	No - rebuilding <sup>11</sup>	No	continue rebuilding <sup>1</sup>	8/10-year plan
Bluefish	Bluefish (except Gulf of Mexico)	MAFMC	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	7/9-year plan
Atlantic Surfclam and Ocean Quahog	Atlantic Surfclam	MAFMC	No	No	No	N/A	N/A
Atlantic Surfclam and Ocean Quahog	Ocean Quahog	MAFMC	No	No	No	N/A	N/A
Atlantic Mackerel, Squid and Butterfish	Squid - Illex	MAFMC	No <sup>12</sup>	Unknown	Unknown	N/A	N/A
Atlantic Mackerel, Squid and Butterfish	Squid - Loligo	MAFMC	No	No	No	N/A	N/A
Atlantic Mackerel, Squid and Butterfish	Atlantic Mackerel	MAFMC	No	No	No	N/A	N/A
Atlantic Mackerel, Squid and Butterfish	Butterfish (Atlantic)	MAFMC	No	Yes	N/A	rebuilding program	not submitted
Tilefish	Golden Tilefish (except South Atlantic and Gulf of Mexico)	MAFMC	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	7/10-year plan
Shrimp Fishery of the South Atlantic Region	White Shrimp	SAFMC	No	No	No	N/A	N/A
Shrimp Fishery of the South Atlantic Region	Rock Shrimp	SAFMC	No	No	No	N/A	N/A

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Shrimp Fishery of the South Atlantic Region	Brown Shrimp	SAFMC	No	No	No	N/A	N/A
Shrimp Fishery of the South Atlantic Region	Pink Shrimp	SAFMC	No	Yes <sup>13</sup>	N/A	N/A <sup>13</sup>	N/A <sup>13</sup>
Snapper-Grouper Fishery of the South Atlantic Region	Vermilion Snapper	SAFMC	Yes <sup>14</sup>	Unknown <sup>15</sup>	Unknown	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Red Snapper	SAFMC	Yes <sup>16</sup>	Unknown	Unknown	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Snowy Grouper	SAFMC	Yes <sup>17</sup>	Yes	N/A	reduce mortality continue rebuilding	15/15-year plan <sup>*18</sup>
Snapper-Grouper Fishery of the South Atlantic Region	Tilefish	SAFMC	Yes <sup>19</sup>	No	No	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Red Grouper	SAFMC	Yes <sup>20</sup>	Unknown	Unknown	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black Sea Bass	SAFMC	Yes <sup>17</sup>	Yes	N/A	reduce mortality continue rebuilding	7/10-year plan <sup>18</sup>
Snapper-Grouper Fishery of the South Atlantic Region	Gag	SAFMC	Yes <sup>21</sup>	No	Yes	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Greater Amberjack	SAFMC	No <sup>22</sup>	No	No	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Scamp	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	White Grunt	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black Grouper	SAFMC	Yes <sup>20</sup>	Unknown	Unknown	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Gray Triggerfish	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Hogfish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Red Porgy	SAFMC	No	Yes	N/A	continue rebuilding	9/18-year plan
Snapper-Grouper Fishery of the South Atlantic Region	Speckled Hind	SAFMC	Yes <sup>23</sup>	Unknown	Unknown	reduce mortality	N/A

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Snapper-Grouper Fishery of the South Atlantic Region	Warsaw Grouper	SAFMC	Yes <sup>23</sup>	Unknown	Unknown	reduce mortality	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Wreckfish	SAFMC	No	Unknown <sup>24</sup>	Unknown	N/A	N/A
South Atlantic Snapper-Grouper and Reef Fish Resources of the Gulf of Mexico	Goliath Grouper	SAFMC/GMFMC	No <sup>25</sup>	Unknown <sup>26</sup>	N/A	N/A	N/A
Dolphin and Wahoo Fishery of the Atlantic / Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Dolphin	SAFMC/GMFMC	No	No	No	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King Mackerel - Gulf Group	SAFMC/GMFMC	No <sup>27</sup>	No - rebuilding	No	continue rebuilding <sup>1</sup>	year 20 of plan**
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	King Mackerel - Atlantic Group	SAFMC/GMFMC	No <sup>27</sup>	No	No	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish Mackerel - Gulf Group	SAFMC/GMFMC	No	No	No	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Spanish Mackerel - Atlantic Group	SAFMC/GMFMC	No <sup>28</sup>	No	No	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Little Tunny	SAFMC/GMFMC	No	Unknown <sup>29</sup>	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cobia	SAFMC/GMFMC	No	No	No	N/A	N/A
South Atlantic Snapper-Grouper / Reef Fish Resources of the Gulf of Mexico	Yellowtail Snapper	SAFMC/GMFMC	No <sup>30</sup>	No <sup>30</sup>	No	N/A	N/A
Spiny Lobster in the Gulf of Mexico and South Atlantic	Spiny Lobster	SAFMC/GMFMC	No	Unknown	Unknown	N/A	N/A
Stone Crab Fishery of the Gulf of Mexico	Stone Crab	GMFMC	No	Undefined	Unknown	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Brown Shrimp	GMFMC	No	No	No	N/A	N/A

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Shrimp Fishery of the Gulf of Mexico	Pink Shrimp	GMFMC	No	No	No	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	White Shrimp	GMFMC	No	No	No	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Royal Red Shrimp	GMFMC	No	Unknown	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Red Snapper	GMFMC	Yes <sup>31</sup>	Yes <sup>31</sup>	N/A	reduce mortality continue rebuilding	7/31-year plan
Reef Fish Resources of the Gulf of Mexico	Red Grouper	GMFMC	No <sup>32</sup>	No	No	N/A	Rebuilt
Reef Fish Resources of the Gulf of Mexico	Greater Amberjack	GMFMC	Yes <sup>33</sup>	Yes <sup>33</sup>	N/A	reduce mortality continue rebuilding	5/10-year plan <sup>34</sup>
Reef Fish Resources of the Gulf of Mexico	Vermilion Snapper	GMFMC	No	No	No	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Gag	GMFMC	Yes <sup>32</sup>	Undefined <sup>35</sup>	Unknown	reduce mortality	N/A
Reef Fish Resources of the Gulf of Mexico	Gray Triggerfish	GMFMC	Yes <sup>33</sup>	Undefined <sup>36</sup>	Unknown	reduce mortality	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowedge Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Snowy Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Black Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Hogfish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Nassau Grouper	GMFMC	No <sup>37</sup>	Undefined	Unknown	N/A	N/A
Red Drum Fishery of the Gulf of Mexico	Red Drum	GMFMC	No	Undefined	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 1 <sup>38</sup>	CFMC	Yes	No	Yes <sup>39</sup>	reduce mortality	N/A

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Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 4 <sup>40</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 1 <sup>41</sup>	CFMC	Yes <sup>42</sup>	Yes	N/A	continue rebuilding	3/25-year plan
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 2 <sup>43</sup>	CFMC	No <sup>44</sup>	Yes	N/A	continue rebuilding	3/30-year plan
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 3 <sup>45</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 4 <sup>46</sup>	CFMC	Yes	Yes	N/A	reduce mortality continue rebuilding	3/10-year plan
Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands	Spiny Lobster	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Queen Conch Resources of Puerto Rico and the U.S. Virgin Islands	Queen Conch	CFMC	Yes <sup>47</sup>	Yes	N/A	reduce mortality continue rebuilding	3/30-year plan
Pacific Coast Groundfish	Pacific Ocean Perch	PFMC	No <sup>48</sup>	No-rebuilding	N/A	continue rebuilding <sup>1</sup>	8/18-year rebuilding plan <sup>49</sup>
Pacific Coast Groundfish	Bocaccio	PFMC	No <sup>48</sup>	Yes	N/A	continue rebuilding	8/27-year rebuilding plan <sup>49</sup>
Pacific Coast Groundfish	Canary Rockfish	PFMC	No <sup>48</sup>	No - rebuilding	No	continue rebuilding <sup>1</sup>	7/63-year rebuilding plan <sup>49</sup>
Pacific Coast Groundfish	Darkblotched Rockfish	PFMC	No <sup>48</sup>	Yes	N/A	continue rebuilding	6/10-year rebuilding plan <sup>49</sup>
Pacific Coast Groundfish	Cowcod	PFMC	No <sup>48</sup>	Yes	N/A	continue rebuilding	7/39-year rebuilding plan <sup>49</sup>
Pacific Coast Groundfish	Yelloweye Rockfish	PFMC	No <sup>48</sup>	Yes	N/A	continue rebuilding	5/82-year rebuilding plan <sup>49</sup>

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Pacific Coast Groundfish	Lingcod	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Widow Rockfish	PFMC	No <sup>48</sup>	No - rebuilding	No	continue rebuilding <sup>1</sup>	6/14-year rebuilding plan <sup>49</sup>
Pacific Coast Groundfish	Shortspine Thornyhead	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Black Rockfish - North <sup>50</sup>	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Pacific Whiting	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Bank Rockfish	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Longspine Thornyhead	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Yellowtail Rockfish	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Sablefish	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Dover Sole	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	English Sole	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Petrale Sole	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Chilipepper Rockfish	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Arrowtooth Flounder	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Cabazon - South	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Pacific Cod	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rex Sole	PFMC	Unknown	Unknown	Unknown	N/A	N/A



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Pacific Coast Groundfish	Sand Sole	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Starry Flounder	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Blackgill Rockfish	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Pacific Coast Groundfish	Blue Rockfish	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Brown Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Gopher Rockfish	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Splitnose Rockfish	PFMC	No <sup>48</sup>	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Vermilion Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Spiny Dogfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	California Scorpionfish	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Kelp Greenling - Oregon	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Longnose Skate	PFMC	Unknown	No	No	N/A	N/A
Pacific Coast Groundfish	Pacific Rattail	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pacific Sanddab	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rougheye Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Shortbelly Rockfish	PFMC	No <sup>48</sup>	No	No	N/A	N/A
Coastal Pelagic Species	Pacific (Chub) Mackerel	PFMC	No	No	No	N/A	N/A

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Coastal Pelagic Species	Pacific Sardine	PFMC	No	No	No	N/A	N/A
Coastal Pelagic Species	Jack Mackerel	PFMC	No	Undefined	Unknown	N/A	N/A
Coastal Pelagic Species	Northern Anchovy - Central Subpopulation	PFMC	No	Undefined	Unknown	N/A	N/A
Coastal Pelagic Species	Market Squid	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Coastal Pelagic Species	Northern Anchovy - Northern Subpopulation	PFMC	Undefined	Undefined	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species	Skipjack Tuna - Eastern Pacific <sup>51</sup>	PFMC	No	No	No	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species	Yellowfin Tuna - Eastern Pacific <sup>52</sup>	PFMC	Yes	No	No	reduce mortality	N/A
U. S. West Coast Fisheries for Highly Migratory Species	Striped Marlin - Eastern Pacific <sup>53</sup>	PFMC	No	No	No	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species / Pelagic Fisheries of the Western Pacific Region	Bigeye Tuna - Pacific <sup>54</sup>	PFMC/WPFC	Yes	No	Unknown	reduce mortality	N/A
U. S. West Coast Fisheries for Highly Migratory Species / Pelagic Fisheries of the Western Pacific Region	Bluefin Tuna - Pacific	PFMC/WPFC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species / Pelagic Fisheries of the Western Pacific Region	Albacore - North Pacific <sup>55</sup>	PFMC/WPFC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species / Pelagic Fisheries of the Western Pacific Region	Swordfish - North Pacific	PFMC/WPFC	No	No	No	N/A	N/A

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U. S. West Coast Fisheries for Highly Migratory Species / Pelagic Fisheries of the Western Pacific Region	Dolphinfish (Dorado or Mahimahi) - Pacific	PFMC/WPFMC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species / Pelagic Fisheries of the Western Pacific Region	Blue Shark - North Pacific	PFMC/WPFMC	No	No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Skipjack Tuna - Central Western Pacific <sup>51</sup>	WPFMC	No	No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Yellowfin Tuna - Central Western Pacific <sup>52</sup>	WPFMC	No	No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Striped Marlin - Central Western Pacific <sup>53</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Albacore - South Pacific	WPFMC	No	No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Indo-Pacific Blue Marlin - Pacific	WPFMC	No	No	No	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Shortbill Spearfish - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Wahoo - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Moonfish (Opah) - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Kawakawa - Tropical Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - Hawaiian Archipelago <sup>55</sup>	WPFMC	Yes	No	No	reduce mortality	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - American Samoa <sup>56</sup>	WPFMC	No	No	No	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - Guam <sup>56</sup>	WPFMC	No	No	No	N/A	N/A

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<b>Fishery Management Plan</b>	<b>Stock</b>	<b>Jurisdiction</b>	<b>Overfishing? (Is Fishing Mortality above Threshold?)</b>	<b>Overfished? (Is Biomass below Threshold?)</b>	<b>Approaching Overfished Condition?</b>	<b>Management Action Required</b>	<b>Rebuilding Program Progress</b>
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Seamount Groundfish Complex - Hancock Seamount <sup>57</sup>	WPFMC	Unknown	***Yes <sup>58</sup>	N/A	continue rebuilding	in progress <sup>59</sup>
Coral Reef Ecosystem of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Hawaiian Archipelago <sup>60</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral Reef Ecosystem of the Western Pacific Region	Bigeye Sead - Hawaiian Archipelago <sup>61</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral Reef Ecosystem of the Western Pacific Region	Mackerel Sead - Hawaiian Archipelago <sup>61</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Walleye Pollock - Western/Central	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Pacific Cod	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Arrowtooth Flounder	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Pacific Ocean Perch (Includes Western, Central And Eastern) <sup>62</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Northern Rockfish - Western / Central	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Flathead Sole	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Dusky Rockfish (Indicator Species For Pelagic Shelf Rockfish Complex) <sup>63</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Dover Sole (Indicator Species For Deepwater Flatfish Complex) <sup>64</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Rex Sole	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Shortspine Thornyhead (Indicator Species For Thornyhead Rockfish Complex) <sup>65</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A

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<b>Fishery Management Plan</b>	<b>Stock</b>	<b>Jurisdiction</b>	<b>Overfishing? (Is Fishing Mortality above Threshold?)</b>	<b>Overfished? (Is Biomass below Threshold?)</b>	<b>Approaching Overfished Condition?</b>	<b>Management Action Required</b>	<b>Rebuilding Program Progress</b>
Groundfish of the Gulf of Alaska	Yelloweye Rockfish (Indicator Species For Demersal Shelf Rockfish Complex) <sup>66</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Rougheye Rockfish <sup>67</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye Pollock - Eastern Bering Sea	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye Pollock - Aleutian Islands	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific Cod	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Yellowfin Sole	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Greenland Turbot	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Arrowtooth Flounder <sup>68</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Rock Sole <sup>69</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Flathead Sole <sup>70</sup>	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Pacific Ocean Perch	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Atka Mackerel	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Alaska Plaice	NPFMC	No	No	No	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Groundfish of the Bering Sea and Aleutian Islands Management Area	Northern Rockfish	NPFMC	No	No	No	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Rougeye Rockfish <sup>67</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area / Groundfish of the Gulf of Alaska	Sablefish <sup>71</sup>	NPFMC	No	No	No	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue King Crab - Pribilof Islands	NPFMC	No <sup>72</sup>	Yes	N/A	continue rebuilding	4/10-year plan
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue King Crab - Saint Matthews Island	NPFMC	No <sup>72</sup>	No - rebuilding	N/A	continue rebuilding <sup>1</sup>	8/10-year plan
Bering Sea/Aleutian Islands King and Tanner Crabs	Golden King Crab - Aleutian Islands	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Red King Crab - Aleutian Islands, Adak	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Red King Crab - Bristol Bay	NPFMC	No	No	No	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Red King Crab - Norton Sound	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Red King Crab - Pribilof Islands	NPFMC	No <sup>72</sup>	No	Unknown2	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Snow Crab - Bering Sea	NPFMC	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	8/10-year plan
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Bering Sea	NPFMC	No	No	No	N/A	Rebuilt
Consolidated Atlantic Highly Migratory Species	Blue Marlin - Atlantic	HMS	Yes	Yes	N/A	reduce mortality rebuilding program	Phase I implemented <sup>73</sup>

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Consolidated Atlantic Highly Migratory Species	White Marlin - Atlantic	HMS	Yes	Yes	N/A	reduce mortality rebuilding program	Phase I implemented <sup>73</sup>
Consolidated Atlantic Highly Migratory Species	Sailfish - West Atlantic	HMS	Yes	Yes	N/A	reduce mortality rebuilding program	not internationally implemented <sup>74</sup>
Consolidated Atlantic Highly Migratory Species	Bigeye Tuna - Atlantic	HMS	No	No - rebuilding	No	continue rebuilding <sup>1</sup>	not internationally implemented <sup>75</sup>
Consolidated Atlantic Highly Migratory Species	Albacore - North Atlantic	HMS	Yes	Yes	N/A	reduce mortality rebuilding program	not internationally implemented <sup>76</sup>
Consolidated Atlantic Highly Migratory Species	Bluefin Tuna - West Atlantic	HMS	Yes	Yes	N/A	reduce mortality continue rebuilding	10/20-year plan <sup>77</sup>
Consolidated Atlantic Highly Migratory Species	Yellowfin Tuna - Atlantic	HMS	No	No	Yes	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Swordfish - North Atlantic	HMS	No	No - rebuilding	N/A	continue rebuilding	8/10-year plan <sup>78</sup>
Consolidated Atlantic Highly Migratory Species	Sandbar Shark <sup>79</sup>	HMS	Yes	Yes	N/A	reduce mortality continue rebuilding	4/26-year plan <sup>80</sup>
Consolidated Atlantic Highly Migratory Species	Gulf of Mexico Blacktip Shark <sup>79</sup>	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Atlantic Blacktip Shark <sup>79</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Large Coastal Shark Complex <sup>81</sup>	HMS	Unknown <sup>82</sup>	Unknown <sup>82</sup>	Unknown	reduce mortality continue rebuilding <sup>83</sup>	4/26-year plan <sup>83</sup>
Consolidated Atlantic Highly Migratory Species	Finetooth Shark <sup>84</sup>	HMS	Yes	No	No	reduce mortality	N/A
Consolidated Atlantic Highly Migratory Species	Atlantic Sharpnose Shark <sup>84</sup>	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Blacknose Shark <sup>84</sup>	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Bonnethead Shark <sup>84</sup>	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Small Coastal Shark Complex <sup>85</sup>	HMS	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Shortfin Mako Shark <sup>86</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A

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<b>Fishery Management Plan</b>	<b>Stock</b>	<b>Jurisdiction</b>	<b>Overfishing? (Is Fishing Mortality above Threshold?)</b>	<b>Overfished? (Is Biomass below Threshold?)</b>	<b>Approaching Overfished Condition?</b>	<b>Management Action Required</b>	<b>Rebuilding Program Progress</b>
Consolidated Atlantic Highly Migratory Species	Porbeagle Shark <sup>86</sup>	HMS	No	Yes	N/A	rebuilding program	to be developed <sup>87</sup>
Consolidated Atlantic Highly Migratory Species	Blue Shark <sup>86</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Dusky Shark	HMS	Yes	Yes	N/A	reduce mortality rebuilding program	to be developed <sup>88</sup>



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\* Pre-SFA Rebuilding Plan with a timeline defined.

\*\*Pre-SFA Rebuilding Plan with no timeline defined.

\*\*\*The overfished definition for this stock is pre-SFA.

1. This stock is currently above the minimum stock size threshold; however, it was previously below this level and rebuilding must continue until the stock is at a level consistent with MSY.
2. While the biomass level is known, determining whether the stock is approaching an overfished condition requires an additional level of analysis which has not been done.
3. There is currently not enough information available to develop a rebuilding plan.
4. The New England Fishery Management Council (NEFMC) was notified by the Northeast Regional Office on February 20, 2007 that this stock is overfished. The NEFMC has one year from this date to develop a rebuilding plan for winter skate.
5. Exact rebuilding time period unspecified in the FMP. Rebuilding may take decades, based on the long-lived, late maturing, and low fecundity nature of this species.
6. Although the red crab stock is currently listed as no overfishing and unknown for overfished, the most recent assessment (SAW 43) concluded that overfishing and overfished status were both unknown, that reference points were uncertain and unreliable, and they should be revisited in a future assessment. Nevertheless, the status of this stock with respect to fishing mortality rate and biomass level was not changed in this report.
7. Based on the biomass reference points in the FMP as of December 31, 2007, the stock is considered overfished. However, the stock assessment conducted in July 2007 recommended revised biomass reference points. These revised reference points were recently incorporated into the Monkfish FMP on May 1, 2008, through a recent action (Framework Adjustment 5). As a result, both stocks are no longer considered overfished, and the status will be updated in the next report.
8. Although there is no  $B_{target}$  identified for this stock, there is an approved minimum biomass threshold; based on this approved threshold, the biomass estimates indicate the stock is not overfished.
9. Although the 5-year rebuilding plan for spiny dogfish expired on 2/10/05, this stock continues to be managed conservatively through low fishing mortality rates and no directed fishery.
10. Although the scup stock is currently listed as overfishing occurring, the most recent assessment (SAW 35) was not able to precisely determine current exploitation rates. Nevertheless, the status of this stock with respect to fishing mortality rate was not changed in this report.
11. Although the black sea bass stock is currently listed as not subject to overfishing and not overfished, the most recent assessment (SAW 43) was unable to determine reliable estimates of fishing mortality or biomass, and reference points were found to be uncertain and unreliable. However, a determination based on the rejected reference points would conclude that the black sea bass stock is "overfished". An updated stock assessment with improved reference points has been recommended. Pending a follow-up stock assessment in which the fishing mortality rate and stock status can be reliably estimated, the current overfishing and overfished determinations will be the official status for black sea bass.
12. Although the *Illex* stock is currently listed as overfishing not occurring, the most recent stock assessment (SAW42) was not able to precisely determine current exploitation rates or stock biomass. Nevertheless, the status of this stock with respect to fishing mortality rate and biomass level was not changed in this report.

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13. Based on 2007 CPUE information from SEAMAP-SA, South Atlantic pink shrimp would be overfished since CPUE estimates would have been below 0.461 for three consecutive years. The Shrimp Review Advisory Panel (SRAP) met in February 2007 to review the cause of the decline in status of the pink shrimp stock and did not recommend any Council action. Pink shrimp are an annual crop. The Panel concluded the apparent decline in pink shrimp abundance does not appear to be due to overfishing. Based on both the SEAMAP data, and the effort and landings data from the North Carolina and eastern Florida pink shrimp fishery, the Shrimp Review Panel recommended that no management actions are necessary at this time. The Shrimp Review Panel concludes that the pink shrimp stocks in some areas along the Southeast coast are depleted due to factors other than fishing such as environmental and climatic factors.
14. The 2007 update of the SEDAR (South East Data, Assessment and Review) assessment of vermilion snapper concluded vermilion snapper was experiencing overfishing. Amendment 16 is being developed to end overfishing of vermilion snapper. A new benchmark assessment is being conducted through SEDAR 17.
15. The 2007 update of the SEDAR (South East Data, Assessment and Review) assessment of vermilion snapper concluded that there was a high degree of uncertainty regarding its status and recommended that it be considered unknown. Although this assessment did not use criteria contained in the FMP, it is regarded as the best available information.
16. A 20-inch TL minimum size limit was put into place in 1992. The last estimate of fishing mortality was based on data through 1999. Red snapper is currently being assessed in SEDAR 15. The South Atlantic Council will develop Amendment 17 in 2008. The amendment will establish annual catch limits and accountability measures for species experiencing overfishing.
17. Amendment 13C, implemented in October 2006, gradually reduces fishing mortality for black sea bass and snowy grouper. Overfishing for these species should end in 2009.
18. Amendment 15A to the Snapper-Grouper FMP will establish a new post-SFA rebuilding plan for this stock. The plan is scheduled to be implemented in 2008.
19. Amendment 13C implemented management measures to end overfishing. As the commercial quota specified in Amendment 13C was exceeded upon implementation of new regulations on October 23, 2006, overfishing should end in 2007.
20. The South Atlantic Council will develop Amendment 17 in 2008. The amendment will establish annual catch limits and accountability measures for species experiencing overfishing.
21. Results from a 2006 SEDAR assessment indicates gag is experiencing overfishing and approaching an overfished condition. Amendment 16 is being developed to end overfishing of gag.
22. South Atlantic greater amberjack is currently being assessed in SEDAR 15.
23. In 1994, Amendment 6 established a 1 fish trip limit (recreational and commercial) and prohibited sale of Warsaw grouper and speckled hind. Fishing mortality could still be high due to poor survival of released fish. Amendment 17 is scheduled to begin development in 2008. The amendment will establish annual catch limits and accountability measures for species experiencing overfishing.
24. Although the overfished determination is not known, landings are at extremely low levels and there are only two participants in the fishery.
25. The overfishing status of this stock has been changed after careful review of additional reference documents that support this change. The following documents were used to support this change: Porch, C.E. and A.M. Ecklund, G.P. Scott. 2003. An assessment of rebuilding times for goliath grouper. SEDAR6-RW3, 26pp. Porch, C.E., A. M. Ecklund, G.P. Scott. 2004. A catch-free stock assessment model with application to goliath grouper (*Epinephelus itajara*) off southern Florida. Fishery Bulletin 104:89-101. SEDAR 6 (2004). Complete Stock Assessment Report of SEDAR 6 Goliath Grouper SEDAR6. Assessment Report 1 SEDAR6-SAR1 2004 SEDAR/SAFMC. One Southpark Circle #306 Charleston, SC 29414. (843) 571-4366.

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26. A biomass-based assessment for goliath grouper (Gulf and Atlantic) was completed in June 2004. A review of the assessment stated “In the absence of biomass, it was not possible to estimate all standard stock benchmarks. MSY and other benchmarks referencing absolute biomass could not be estimated. An MSST relative to pristine stock state could not be estimated.” The South Atlantic has defined  $MSST = 1 - M(0.5)B_{MSY}$  for goliath grouper. However, in the Gulf of Mexico, MSST has not been defined for this species. Therefore, goliath grouper overfished status is unknown in the South Atlantic and the overfished status in the Gulf of Mexico is undefined. A post-SFA definition of overfished for goliath grouper was approved in Amendment 11 to the Snapper Grouper Fishery Management Plan for the South Atlantic, but has yet to be defined by the Gulf of Mexico Fishery Management Council. The Gulf Council intends to develop post-SFA overfished definitions for reef fish in the near future.
27. South Atlantic and Gulf stocks of king mackerel will be assessed during 2008 through SEDAR 16.
28. The South Atlantic stock of Spanish mackerel will be assessed in 2008 through SEDAR 17.
29. Although a biomass based assessment for little tunny was completed in 2002, the minimum stock size threshold (MSST), or the overfished level, has been defined for this stock in the South Atlantic but not in the Gulf of Mexico. The assessment indicated little tunny was probably not overfished since current biomass was very close to  $B_{msy}$  ( $B/B_{msy} = 0.961$ ).
30. The most current assessment for this stock (Muller et al. 2003) has concluded that overfishing is not occurring, nor is it overfished. Although this assessment did not use criteria contained in the FMP, it is regarded as the best available information. The South Atlantic has defined  $MSST = 1 - M(0.5)B_{msy}$  for yellowtail snapper. However, in the Gulf of Mexico, MSST has not been defined for this species. Therefore, the yellowtail snapper is not overfished in the South Atlantic and the overfished status in the Gulf of Mexico is undefined.
31. The Gulf Council approved Amendment 14/27 in June 2007. A final rule implementing regulations to end overfishing and rebuild red snapper is currently under review.
32. The Gulf Council is developing Amendment 30B, which if approved would establish management measures to end overfishing of gag and increase red grouper total allowable catch.
33. The Gulf Council is expected to approve Amendment 30A at their January 2008 meeting. This amendment, if approved, would establish management measures to end overfishing of and rebuild greater amberjack and gray triggerfish.
34. This stock was previously listed as being in a 7-year rebuilding plan, when in fact it is in a 10-year rebuilding plan. The rebuilding plan was implemented on July 3, 2003. The Gulf Council is currently revising the greater amberjack rebuilding plan in Amendment 30A.
35. The Gulf Council has not approved a post-SFA overfished definition for gag; therefore, the stock status is listed as undefined. Based on definitions of MSST currently under consideration by the Council in Amendment 30B and results from the new SEDAR assessment, gag would not be considered overfished.
36. The Gulf Council is establishing a definition for gray triggerfish MSST in Amendment 30A. Based on the preferred MSST definition selected in the Public Hearing Draft, gray triggerfish is considered overfished.
37. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
38. This unit (Snapper Unit 1) is part of the Caribbean Reef Fish FMU and is composed of silk, black, vermilion, and blackfin snapper; silk snapper is the indicator species for this unit.

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39. Snapper Unit 1 is considered "at risk" by the SFA Working Group and the CFMC ( $B_{CURRENT}/B_{MSY} = 0.75$ ;  $F_{CURRENT}/F_{MSY} = 1.5$ ).
40. This unit (Snapper Unit 4) is part of the Caribbean Reef Fish FMU and is composed of yellowtail snapper.
41. This unit (Grouper Unit 1) is part of the Caribbean Reef Fish FMU and is composed of Nassau grouper.
42. The fishery in the EEZ is closed. The fishery is now closed in the territorial waters of the USVI and Puerto Rico, therefore fishing mortality is very low. The overfishing status is pending review, based on this closure.
43. This unit (Grouper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of Goliath grouper.
44. Fishery in the EEZ and territorial waters of the USVI is closed; therefore, fishing mortality is very low.
45. This unit (Snapper Unit 3) is part of the Caribbean Reef Fish FMU and is composed of gray, lane, mutton, dog, schoolmaster, and mahogany snapper; at present, there are more data for mutton snapper than for the other species contained in this unit, but no indicator species has been identified. A stock assessment was attempted on mutton snapper in 2007 through SEDAR 14. Data were not adequate to assess the species. The Council's SSC will review the assessment in 2008.
46. This unit (Grouper Unit 4) is part of the Caribbean Reef Fish FMU and is composed of red, misty, tiger, yellowedge, and yellowfin grouper; yellowfin grouper is the indicator species for the unit. A stock assessment was attempted on yellowfin grouper in 2007 through SEDAR 14. Data were not adequate to assess the species. The Council's SSC will review the assessment in 2008.
47. Fishery for queen conch is closed in all areas except Lang Bank, east of St. Croix. A stock assessment was attempted on queen conch in 2007 through SEDAR 14. Data were not adequate to assess the species. The Council's SSC will review the assessment in 2008.
48. Evaluation of overfishing based on the 2006 calendar year.
49. Amendment 16-4 to the FMP revised the rebuilding parameters for this stock within the FMP and within implementing Federal regulation. NMFS approved Amendment 16-4 on November 30, 2006, and published a final rule for Amendment 16-4 and the 2007-2008 groundfish specifications and management measures on December 29, 2006 (71 FR 78638). Consequently, this stock is currently rebuilding under management measures that conform to Amendment 16-4. This amendment set target rebuilding dates and harvest control rules for this species in Federal Regulations. Prior to Amendment 16-4, the Pacific Fishery Management Council had set  $T_{target}$  in part by considering the probability of rebuilding the stock by  $T_{max}$ . The Council may continue to review the probability of rebuilding the stock by  $T_{max}$  given differing  $F$  rates, a reference parameter known as "Pmax." The Magnuson-Stevens Act, however, simply requires that rebuilding periods be as short as possible, taking into account the status and biology of the stock, the needs of fishing communities, and the interaction of the overfished stock with the marine ecosystem. Based on Amendment 16-4,  $T_{target}$  was revised for all stocks under a rebuilding plan. The most notable revision was the rebuilding plan for darkblotched rockfish, which previously had a 29-year rebuilding plan.
50. Black Rockfish - South was recently assessed for the first time, but results cannot be listed under FSSI stocks at this time because it is a separate stock from Black Rockfish - North. The status determinations can be found under non-FSSI stock listings.
51. Even though this stock is shown to be under the jurisdiction of a single Council and under the management of a single FMP, it is acknowledged that both the Pacific Fishery Management Council and the Western Pacific Fishery Management Council have jurisdiction over this stock, and it is managed under both the West Coast Highly Migratory Species FMP and the Western Pacific Pelagics FMP. The Council indicated here is the lead Council for the purposes of this report.

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52. The yellowfin tuna resource is managed by both the Pacific Fishery Management Council and the Western Pacific Fishery Management Council. The PFMCM manages the EPO stock under the West Coast Highly Migratory Species FMP and the WPFMCM manages the WCPO stock under the Western Pacific Pelagics FMP. The determination of no overfishing for the WCPO stock is based on the latest (2007) point estimate of  $F_{\text{current}}/F_{\text{msy}} = 0.95$ , which indicates that the estimate of current  $F$  is very close to  $F_{\text{msy}}$ . Consideration of the uncertainty in that estimate indicates that there is a substantial (47%) likelihood that current  $F$  is actually greater than  $F_{\text{msy}}$ . This estimate was obtained from an assessment published by the Western and Central Pacific Fisheries Commission. The determination of overfishing of the stock in the Eastern Pacific Ocean is based on the latest (May 2007) estimate of  $F_{\text{current}}/F_{\text{msy}}=0.96$ . This estimate is provided by research by the Inter-American Tropical Tuna Commission indicating that the probability of  $F_{\text{current}}$  being greater than  $F_{\text{msy}}$  is high.

53. Even though this stock is shown to be under the jurisdiction of a single Council and under the management of a single FMP, it is acknowledged that both the Pacific Fishery Management Council and the Western Pacific Fishery Management Council have jurisdiction over this stock, and it is managed under both the West Coast Highly Migratory Species FMP and the Western Pacific Pelagics FMP. The Council indicated here is the lead Council for the purposes of this report.

An assessment was conducted on the North Pacific striped marlin stock (ISC 2007, Report of 7th meeting of the ISC) and concluded that CPUE and other indicator trends have significantly declined from historical highs at the beginning of the fisheries to 2006. Although there is uncertainty associated with this assessment owing to data limitations, the results suggest that the stock in the North Pacific Ocean is experiencing intense exploitation. The responsible RFMO (IATTC and WCPFC) are scheduled to address this issue and provide justification for change in status. An unknown status is proposed until then.

54. The status of bigeye tuna in the Pacific Ocean has typically been assessed for two separate regions, the eastern Pacific Ocean (EP) and the central and western Pacific Ocean (CWP). That approach is based on the areas of authority and interest of the regional fishery management organizations, particularly the Inter-American Tropical Tuna Commission in the EP and the Western and Central Pacific Fisheries Commission in the CWP and assumed population structure of bigeye tuna in the Pacific (which is not well known).

55. The status of Albacore - North Pacific is based on a suite of FMSY proxies ( $F_{40\%}$ ,  $F_{30\%}$  and  $F_{0.1}$ ), two estimated levels of recent fishing pressure ( $F=0.43$  and  $F=0.68$ ), and two scenarios of productivity (low  $R$  and high  $R$ ). The resulting ratios of  $F/F_{\text{MSY}}$  range from 1.02 to 2.26. However, the PFMCM has not adopted a proxy for FMSY and thus status is listed as "unknown." The ratios of  $B/B_{\text{MSY}}$  range from 0.67 to 1.07 against an overfished criteria of  $< 0.7$  (see Appendix 2 of this report, 2005 PFMCM HMS SAFE document, PFMCM HMS FMP and 19th NPALPW Report for details).

56. This complex contains up to 19 species including Seabass - hapuu'upu, Squirrelfish Snapper - ehū, Longtail Snapper - onaga, Silver Jaw Jobfish - lehi, Gray Jobfish - uku, Blueline Snapper, Yellowtail Snapper - yellow tail kalekale, Crimson jobfish - opakapaka, Yelloweye Snapper - yelloweye opakapaka, Von Siebolds Snapper - kalekale, Oblique-Banded Snapper - gindai, Giant Trevally - white ulua, Black Jack - black ulua, Thick Lipped Trevally - pig ulua, Amberjack - kahala, Blacktip Grouper, Lunartail Grouper, Ambon Emperor, and Redgill Emperor. Assessments are made for multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, and Guam.

57. This stock complex uses pelagic armorhead as the indicator species of a three-species seamount groundfish complex that includes raftfish and alfonsin.

58. Post-SFA overfishing/overfished definitions were approved in 2003 for the seamount groundfish stock complex, for which pelagic armorhead is assessed as the indicator species, but determinations have not yet been made relative to those new definitions.

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59. This stock complex does not have a formal rebuilding plan or time period for rebuilding. The fishery in the U.S. EEZ has been closed under sequential 6-year moratoria since the inception of the FMP in 1986. The current moratorium is effective until 2010. These moratoria have been treated by NMFS as a de facto rebuilding plan, and previous versions of this report referred to the cumulative period of these moratoria as the time period for rebuilding. The WPFMC is currently considering more permanent conservation and management measures for this stock complex.
60. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
61. Bigeye and mackerel scads in Hawaii are predominantly harvested by plane-directed purse seine (a delimited gear type) and are amenable to a catch-based stock assessment pending update beyond 1997, the most recent catch records used in the preliminary assessment done by Weng and Sibert (2000. Analysis of the fisheries for two pelagic carangids in Hawaii. SOEST 00-04. JIMAR Contribution 00-332).
62. Although Pacific ocean perch is managed separately in the Western, Central, and Eastern areas, with separate overfishing levels, ABCs, and TACs based on the proportion of biomass in each respective area, separate assessments are not conducted for each of these three regions; the assessment is based on aggregated data from throughout the Gulf of Alaska. Therefore, it is not appropriate to list separate status determinations for these three areas.
63. The Pelagic Shelf Rockfish Complex consists of the following stocks: Dark Rockfish, Dusky Rockfish, Widow Rockfish, and Yellowtail Rockfish. The overfished determination is based on Dusky Rockfish as an indicator species; the overfishing determination is based on the OFL, which is computed by using the dusky rockfish assessment combined with abundance estimates for the remainder of the complex.
64. The Deep Water Flatfish Complex consists of the following stocks: Deepsea Sole, Dover Sole, and Greenland Turbot. The overfished determination is based on Dover Sole as an indicator species; the overfishing determination is based on the OFL, which is computed by using the dover sole assessment combined with abundance estimates for the remainder of the complex.
65. The Thornyhead Rockfish Complex consists of the following stocks: Longspine Thornyhead and Shortspine Thornyhead. The overfishing determination is based on the OFL, which is computed using abundance estimates of Shortspine Thornyhead.
66. The Demersal Shelf Rockfish Complex consists of the following stocks: Canary Rockfish, China Rockfish, Copper Rockfish, Quillback Rockfish, Rosethorn Rockfish, Tiger Rockfish, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using estimates of Yelloweye Rockfish and then increased by 10% to account for the remaining members of the complex.
67. Rougheye Rockfish consists of Rougheye Rockfish and Blackspotted Rockfish. Rougheye Rockfish is the indicator species for this complex.
68. Arrowtooth Flounder consists of Arrowtooth Flounder and Kamchatka Flounder. Arrowtooth Flounder accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
69. Rock Sole consists of Northern Rock Sole and Southern Rock Sole (NOTE: These are two distinct species, not two separate stocks of the same species). Northern Rock Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.

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70. Flathead Sole consists of Flathead Sole and Bering Flounder. Flathead Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.
71. Although sablefish is managed separately in the Gulf of Alaska, Bering Sea, and Aleutian Islands, with separate overfishing levels, ABCs, and TACs based on the proportion of biomass in each respective region, separate assessments are not conducted for each of these three regions; the assessment is based on aggregated data from the Gulf of Alaska, Bering Sea, and Aleutian Islands regions. Therefore, it is not appropriate to list separate status determinations for these three regions.
72. Fishery in the EEZ is closed; therefore, fishing mortality is very low.
73. For the overfished North Atlantic blue and white marlins, Amendment One to the Atlantic Billfish FMP established a foundation to develop an international rebuilding plan. An international rebuilding plan with a two-phase approach was adopted in 2000 by ICCAT; Phase I has been implemented, while the United States continues to work toward its full implementation. It should be noted that the ICCAT rebuilding program does not satisfy all the requirements of the Magnuson-Stevens Act. NMFS is continuing to work domestically to monitor its fisheries and promote conservation. The SCRS conducted assessments of blue and white marlin in 2006.
74. For overfished sailfish, Amendment One to the Atlantic Billfish FMP established the foundation to develop an international 10-year rebuilding program. While steps have been taken internationally to pursue recovery of the overfished west Atlantic sailfish stock, an international rebuilding program has not yet been adopted. NMFS is continuing to work through ICCAT to establish an international rebuilding program and is working domestically to monitor its fisheries and promote conservation.
75. For the overfished Atlantic bigeye tuna, the 1999 HMS FMP established the foundation to develop an international 10-year rebuilding program. While steps have been taken internationally to pursue recovery of this stock, an international rebuilding program has not yet been adopted. NMFS is continuing to work through ICCAT to establish an international rebuilding program and is working domestically to monitor its fisheries and promote conservation. The SCRS conducted an assessment of bigeye tuna in 2007.
76. For the overfished North Atlantic albacore, NMFS established the foundation to develop an international rebuilding program in the 2006 Final Consolidated HMS FMP. Domestically, NMFS is monitoring its fisheries and promoting conservation. The SCRS conducted an assessment of albacore in 2007.
77. International rebuilding program implemented in 1999. This stock was inadvertently listed as being in year 8 of the rebuilding plan during the quarter 2 2007 update, but it is actually in year 10.
78. International rebuilding program implemented in 2000.
79. This stock is part of the Large Coastal Shark Complex, but is assessed separately.
80. Rebuilding Program Progress for Sandbar sharks: the latest stock assessment recommends that rebuilding could be achieved with 70 percent probability by 2070 with a total allowable catch across all fisheries (commercial and recreational) of 220 mt ww each year and an F between 0.009 and 0.011. The rebuilding plan for LCS, which was implemented by the 2003 Amendment and included sandbar sharks, will be re-evaluated in an upcoming Amendment estimated to be finalized in 2008. Until the new Amendment is in place, sandbar sharks will be managed according to the 2003 Amendment and under the current rebuilding plan.

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81. In addition to Sandbar Shark, Gulf of Mexico Blacktip Shark, and Atlantic Blacktip Shark, the Large Coastal Shark Complex also consists of additional stocks including Spinner Shark, Silky Shark, Bull Shark, Tiger Shark, Lemon Shark, Nurse Shark, Scalloped Hammerhead Shark, Great Hammerhead Shark, and Smooth Hammerhead Shark. In addition, several LCS species cannot be retained in commercial or recreational fisheries, including Bignose Shark, Galapagos Shark, Night Shark, Caribbean Reef Shark, Narrowtooth Shark, Sand Tiger Shark, Bigeye Sand Tiger Shark, Whale Shark, Basking Shark, White Shark.
82. The latest stock assessment concluded that the status of the LCS complex was unknown. The current assessment indicates that the peer reviewers of 2006 Large Coastal Shark Assessment felt it was unclear what exactly the results of the assessment represented, making it impossible to support the use of the results for management of the complex. The previous stock assessment concluded that the stock was subject to overfishing and overfished.
83. The rebuilding plan for LCS was implemented by the 2003 Amendment to the Atlantic Tunas, Swordfish, and Sharks FMP. Management of LCS based on the LCS complex will be re-evaluated in an upcoming Amendment estimated to be finalized in 2008. Until the new Amendment is in place, LCS will be managed according to the 2003 Amendment and under the current rebuilding plan.
84. This stock is part of the Small Coastal Shark Complex, but is assessed separately.
85. In addition to Finetooth Shark, Atlantic Sharpnose Shark, Blacknose Shark, and Bonnethead Shark, the Small Coastal Shark Complex also consists of: Atlantic Angel Shark, Caribbean Sharpnose Shark, and Smalltail Shark; these 3 species cannot be retained in recreational or commercial fisheries.
86. This stock is part of the Pelagic Shark Complex, but is assessed separately.
87. According to the 2005 recovery assessment report conducted by Canada, the North Atlantic porbeagle stock has a 70 percent probability of recovery in approximately 100 years if  $F$  is less than or equal to 0.04. There is no U.S. domestic rebuilding plan in place for this species. A rebuilding plan will be implemented in an upcoming Amendment estimated to be finalized in 2008. Until this new Amendment is in place, porbeagle sharks will be managed according to the 1999 HMS FMP.
88. The first species-specific dusky shark assessment occurred in 2006 and indicates that dusky shark stocks have been depleted 62-80 percent with respect to virgin biomass. Assessment scientists recommend that the rebuilding timeframe for dusky sharks could last anywhere from 100 to 400 years. The rebuilding plan for LCS, of which dusky sharks were a part, was implemented by the 2003 Amendment. A rebuilding plan for dusky sharks will be implemented in an upcoming Amendment estimated to be finalized in 2008. Until the new Amendment is in place, dusky sharks will be managed according to the 2003 Amendment and under the current rebuilding plan.



**Table B. Summary of Stock Status for Non-FSSI Stocks**

Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Atlantic Salmon	Atlantic Salmon	NEFMC	No	Yes	N/A	rebuild-ESA listed	not required <sup>1</sup>
Golden Crab Fishery of the South Atlantic Region	Golden Crab	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Jonah Crab	SAFMC	Undefined	Undefined	Unknown	N/A	N/A
Golden Crab Fishery of the South Atlantic Region	Red Crab	SAFMC	Undefined	Undefined	Unknown	N/A	N/A
Atlantic Coast Red Drum	Red Drum	SAFMC	Yes <sup>2</sup>	Unknown	N/A	reduce mortality	N/A
Dolphin and Wahoo Fishery of the Atlantic	Wahoo	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Mutton Snapper <sup>3</sup>	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Gray (Mangrove) Snapper	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blue Runner	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Creville Jack	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Atlantic Spadefish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sheepshead	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Nassau Grouper	SAFMC	No <sup>4</sup>	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowedge Grouper	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Lane Snapper	SAFMC	No	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Queen Triggerfish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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<b>Fishery Management Plan</b>	<b>Stock</b>	<b>Jurisdiction</b>	<b>Overfishing? (Is Fishing Mortality above Threshold?)</b>	<b>Overfished? (Is Biomass below Threshold?)</b>	<b>Approaching Overfished Condition?</b>	<b>Management Action Required</b>	<b>Rebuilding Program Progress</b>
Snapper-Grouper Fishery of the South Atlantic Region	Ocean Triggerfish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellow Jack	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bar Jack	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Lesser Amberjack	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Almaco Jack	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Banded Rudderfish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Black Margate	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Porkfish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Margate	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Tomtate	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Smallmouth Grunt	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	French Grunt	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Spanish Grunt	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Cottonwick	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sailors Choice	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bluestriped Grunt	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Puddingwife	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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<b>Fishery Management Plan</b>	<b>Stock</b>	<b>Jurisdiction</b>	<b>Overfishing? (Is Fishing Mortality above Threshold?)</b>	<b>Overfished? (Is Biomass below Threshold?)</b>	<b>Approaching Overfished Condition?</b>	<b>Management Action Required</b>	<b>Rebuilding Program Progress</b>
Snapper-Grouper Fishery of the South Atlantic Region	Black Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Queen Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Schoolmaster	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blackfin Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Cubera Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Mahogany Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Dog Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Silk Snapper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Blueline Tilefish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Sand Tilefish	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Bank Sea Bass	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Rock Sea Bass	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Rock Hind	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Graysby	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Coney	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Red Hind	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Misty Grouper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A

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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
Snapper-Grouper Fishery of the South Atlantic Region	Yellowmouth Grouper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Tiger Grouper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Yellowfin Grouper	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Grass Porgy	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Jolthead Porgy	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Saucereye Porgy	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Whitebone Porgy	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Knobbed Porgy	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Longspine Porgy	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Snapper-Grouper Fishery of the South Atlantic Region	Scup	SAFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Fire Corals	SAFMC	No <sup>4</sup>	Unknown	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Hydrocorals	SAFMC	No <sup>4</sup>	Unknown	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Octocorals	SAFMC	No <sup>4</sup>	Unknown	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Stony Corals	SAFMC	No <sup>4</sup>	Unknown	Unknown	N/A	N/A
Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region	Black Corals	SAFMC	No <sup>4</sup>	Unknown	Unknown	N/A	N/A

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Pelagic Sargassum Habitat of the South Atlantic Region	Sargassum	SAFMC	No <sup>5</sup>	No <sup>5</sup>	Unknown	N/A	N/A
Spiny Lobster in the Gulf of Mexico and South Atlantic	Slipper Lobster	SAFMC/GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Cero Mackerel	SAFMC/GMFMC	Unknown	Unknown	Unknown	N/A	N/A
Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic	Bluefish - Gulf of Mexico only	GMFMC	Unknown	Unknown	Unknown	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Rock Shrimp	GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Shrimp Fishery of the Gulf of Mexico	Seabob Shrimp	GMFMC	Undefined	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Fire Corals	GMFMC	*No <sup>4</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Hydrocorals	GMFMC	*No <sup>4</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Octocorals	GMFMC	*No <sup>4</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Stony Corals	GMFMC	*No <sup>4</sup>	Undefined	Unknown	N/A	N/A
Coral and Coral Reefs of the Gulf of Mexico	Black Corals	GMFMC	*No <sup>4</sup>	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Mutton Snapper <sup>3</sup>	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Gray (Mangrove) Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lane Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Scamp	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Lesser Amberjack	GMFMC	Unknown	Undefined	Unknown	N/A	N/A

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Reef Fish Resources of the Gulf of Mexico	Almaco Jack	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Banded Rudderfish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Queen Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Schoolmaster	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackfin Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Cubera Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dog Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Mahogany Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Silk Snapper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Wenchman	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Goldface Tilefish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blackline Tilefish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Anchor Tilefish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Blueline Tilefish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Tilefish	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Rock Hind	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Speckled Hind	GMFMC	Unknown	Undefined	Unknown	N/A	N/A

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Reef Fish Resources of the Gulf of Mexico	Red Hind	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Misty Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Warsaw Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowmouth Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Yellowfin Grouper	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Dwarf Sand Perch	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Reef Fish Resources of the Gulf of Mexico	Sand Perch	GMFMC	Unknown	Undefined	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Snapper Unit 2 <sup>6</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grouper Unit 3 <sup>7</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Grunts <sup>8</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Goatfishes <sup>9</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Porgies <sup>10</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Squirrelfishes <sup>11</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Tilefishes <sup>12</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A

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Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Jacks <sup>13</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Parrotfishes <sup>14</sup>	CFMC	Yes	No	Yes	reduce mortality	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Surgeonfish <sup>15</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Triggerfishes and Filefishes <sup>16</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Boxfishes <sup>17</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Wrasses <sup>18</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Angelfishes <sup>19</sup>	CFMC	Unknown	Unknown	Unknown	N/A	N/A
Shallow Water Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands	Sixty species for aquarium trade only <sup>20</sup>	CFMC					
Queen Conch Resources of Puerto Rico and the United States Virgin Islands	Eight species for data collection purposes only <sup>21</sup>	CFMC					
Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands	Innumerable species for data collection purposes only <sup>22</sup>	CFMC					
	California Central Valley Chinook						
Pacific Coast Salmon	Sacramento River Fall	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Sacramento River Spring (Central Valley Spring - ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Sacramento River Winter (ESA Endangered 1994)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A



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Fishery Management Plan	Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?	Management Action Required	Rebuilding Program Progress
	Northern California Coast Chinook						
Pacific Coast Salmon	Klamath River Fall (Klamath and Trinity Rivers)	PFMC	No <sup>24</sup>	No <sup>24</sup>	Yes	N/A	N/A
Pacific Coast Salmon	Eel, Mattole, Mad, and Smith Rivers <sup>25</sup> (Fall and Spring) (Eel, Mattole, and Mad River Stocks - ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Klamath River Spring (Klamath and Trinity Rivers)	PFMC	Unknown <sup>26</sup>	Unknown <sup>26</sup>	Unknown	N/A	N/A
	Oregon Coast Chinook						
Pacific Coast Salmon	Southern Oregon (Aggregate of Fall and Spring stocks in all streams south of Elk River; Rogue River Fall stock is used to indicate relative abundance and ocean contribution rates)	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Central and Northern Oregon (Aggregate of Fall and Spring stocks in all streams from the Elk River to just south of the Columbia River)	PFMC	No	No	No	N/A	N/A
	Columbia River Basin Chinook						
Pacific Coast Salmon	North Lewis River Fall (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Lower River Hatchery Fall	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Lower River Hatchery Spring	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Spring Creek Hatchery Fall	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Snake River Fall (ESA Threatened 1992)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Upper Willamette Spring (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Mid-River Bright Hatchery (Fall)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Klickitat, Warm Springs, John Day, and Yakima Rivers (Spring)	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A

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Pacific Coast Salmon	Snake River Spring / Summer (ESA Threatened 1992)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Upper River Bright (Fall)	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Upper River Summer	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Upper River Spring (ESA Endangered 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
	Washington Coast Chinook						
Pacific Coast Salmon	Willapa Bay Fall (Natural)	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Willapa Bay Fall (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Grays Harbor Fall	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Grays Harbor Spring	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Quinalt Fall	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Queets Fall	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Queets Spring / Summer	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Hoh Fall	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Hoh Spring / Summer	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Quillayute Fall	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Quillayute Spring / Summer	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Hoko Summer / Fall (Western Strait of Juan De Fuca)	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
	Puget Sound Chinook						
Pacific Coast Salmon	Eastern Strait of Juan De Fuca Summer / Fall (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A

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Pacific Coast Salmon	Skokomish Summer / Fall (Hood Canal) (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Nooksack Spring (Early) (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Skagit Summer / Fall (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Skagit Spring (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Stillaguamish Summer / Fall (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Snohomish Summer / Fall (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Cedar River Summer / Fall (Lake Washington) (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	White River Spring (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Green River Summer / Fall Threatened (1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Nisqually River Summer / Fall (South Puget Sound) (ESA Threatened 1999)	PFMC	N/A <sup>23</sup> Exceptions 2 & 3	N/A	N/A	N/A	N/A
	Southern British Columbia Chinook						
Pacific Coast Salmon	Coastal Stocks <sup>27</sup>	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Fraser River (British Columbia, Canada) <sup>27</sup>	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
	Oregon Production Index Area Coho						
Pacific Coast Salmon	Oregon Coastal Natural comprised of Southern, South-Central, North-Central, and Northern Oregon Stocks. (Northern Stocks - Proposed ESA Threatened 2004; Southern Stock - ESA Threatened 1997) <sup>28</sup>	PFMC	No	No	N/A	N/A	N/A
Pacific Coast Salmon	Columbia River Late (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Columbia River Early (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Central California Coast (ESA Threatened 1996)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A

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Pacific Coast Salmon	Northern California (ESA Threatened 1997)	PFMC	N/A <sup>23</sup> Exception 3	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Columbia River (Natural) ESA Threatened 2004 (Proposed)	PFMC	N/A <sup>23</sup> Exception 3	N/A	Unknown	N/A	N/A
	Washington Coastal Coho						
Pacific Coast Salmon	Willapa Bay (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Grays Harbor	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Quinalt (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Queets	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Hoh	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Quillayute Fall	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Quillayute Summer (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Western Strait of Juan De Fuca (Sekiu, Hoko, Clallam, Pysht, East and West, and Lyre Rivers and miscellaneous streams west of the Elwha River)	PFMC	No	No	No	N/A	N/A
	Puget Sound Coho						
Pacific Coast Salmon	Eastern Strait of Juan De Fuca (streams east of Salt Creek through Chimacum Creek)	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Hood Canal	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Skagit	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Stillaguamish	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	Snohomish	PFMC	No	No	No	N/A	N/A
Pacific Coast Salmon	South Puget Sound (Hatchery)	PFMC	N/A <sup>23</sup> Exception 1	N/A	N/A	N/A	N/A

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	Southern British Columbia Coast Coho						
Pacific Coast Salmon	Coastal Stocks <sup>27</sup>	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Fraser River (British Columbia, Canada) <sup>27</sup>	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
	Pink (Odd-Numbered Years)						
Pacific Coast Salmon	Puget Sound <sup>27</sup>	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Salmon	Fraser River (British Columbia, Canada) <sup>27</sup>	PFMC	N/A <sup>23</sup> Exception 2	N/A	N/A	N/A	N/A
Pacific Coast Groundfish	Black Rockfish - South <sup>29</sup>	PFMC	No	No	N/A	N/A	N/A
Pacific Coast Groundfish	Silvergrey Rockfish	PFMC	No	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Butter Sole	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Curlfin Sole	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Flathead Sole	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rock Sole	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Aurora Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Black-And-Yellow Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Bronzespotted Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Calico Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Chameleon Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	China Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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Pacific Coast Groundfish	Copper Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dusky Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Dwarf-Red Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Flag Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Freckled Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Grass Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenblotched Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenspotted Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Greenstriped Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Halfbanded Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Harlequin Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Honeycomb Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Kelp Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Mexican Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Olive Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pink Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Pinkrose Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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Pacific Coast Groundfish	Pygmy Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Quillback Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Redbanded Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Redstripe Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosethorn Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Rosy Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Sharpchin Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Shortraker Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Speckled Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Squarespot Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Starry Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Stripetail Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Swordspine Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Tiger Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Yellowmouth Rockfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Leopard Shark	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Southern Shark	PFMC	Unknown	Unknown	Unknown	N/A	N/A

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Pacific Coast Groundfish	Big Skate	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	California Skate	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Ratfish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Finescale Codling	PFMC	Unknown	Unknown	Unknown	N/A	N/A
Pacific Coast Groundfish	Treefish	PFMC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Common Thresher Shark - North Pacific	PFMC/WPFC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Bigeye Thresher Shark - North Pacific	PFMC/WPFC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Pelagic Thresher Shark - North Pacific	PFMC/WPFC	Unknown	Unknown	Unknown	N/A	N/A
U. S. West Coast Fisheries for Highly Migratory Species and Pelagic Fisheries of the Western Pacific Region	Shortfin Mako Shark - North Pacific	PFMC/WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Black Marlin - Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Pomfrets - Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Sailfish - Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Longfin Mako Shark - North Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Silky Shark - Tropical Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Oceanic Whitetip Shark - Tropical Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Salmon Shark - North Pacific	WPFC	Unknown	Unknown	Unknown	N/A	N/A



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Pelagic Fisheries of the Western Pacific Region	other Tuna Relatives - Tropical Pacific <sup>30</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Pelagic Fisheries of the Western Pacific Region	Oilfish Family - Pacific	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Bottomfish and Seamount Groundfish Fisheries of the Western Pacific Region	Bottomfish Multi-Species Complex - Northern Mariana Islands <sup>31</sup>	WPFMC	No	No	No	N/A	N/A
Crustaceans Fisheries of the Western Pacific Region	Lobster Complex - Northwestern Hawaiian Islands <sup>32</sup>	WPFMC	No <sup>33</sup>	Unknown	Unknown	N/A	N/A
Crustaceans Fisheries of the Western Pacific Region	Lobster Complex - other than Northwestern Hawaiian Islands <sup>32</sup>	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Crustaceans Fisheries of the Western Pacific Region	Kona Crab - Hawaiian Archipelago	WPFMC	Undefined	Undefined	Unknown	N/A	N/A
Precious Coral Fisheries of the Western Pacific Region	Precious Corals Multi-Species Complex - Makapu'u Bed <sup>34</sup>	WPFMC	No <sup>35</sup>	Unknown	Unknown	N/A	N/A
Precious Coral Fisheries of the Western Pacific Region	Precious Corals Multi-Species Complex - Conditional Beds <sup>34</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Precious Coral Fisheries of the Western Pacific Region	Black Coral - Au'Au Bed <sup>36</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral Reef Ecosystem of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - American Samoa <sup>37</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral Reef Ecosystem of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Northern Mariana Islands <sup>37</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral Reef Ecosystem of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Guam <sup>37</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Coral Reef Ecosystem of the Western Pacific Region	Coral Reef Ecosystem Multi-Species Complex - Pacific remote island areas <sup>38</sup>	WPFMC	Unknown	Unknown	Unknown	N/A	N/A
Salmon Fisheries in the EEZ off the Coast of Alaska	Coho Salmon Assemblage <sup>39</sup>	NPFMC	No	No	No	N/A	N/A
Salmon Fisheries in the EEZ off the Coast of Alaska	Eastern North Pacific Far North Migrating Chinook	NPFMC	No	No	No	N/A	N/A
Groundfish of the Gulf of Alaska	Walleye Pollock - Eastern	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Atka Mackerel	NPFMC	No	Undefined	Unknown	N/A	N/A

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Groundfish of the Gulf of Alaska	Other Slope Rockfish Complex <sup>40</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Shallow Water Flatfish Complex <sup>41</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Big Skate	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Longnose Skate	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Other Skates Complex <sup>42</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Shortraker Rockfish	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Gulf of Alaska	Other Species Complex <sup>43</sup>	NPFMC	Undefined	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Walleye Pollock - Bogoslof	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Shortraker Rockfish	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Other Rockfish Complex <sup>44</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Other Flatfish Complex <sup>45</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Squid Complex <sup>46</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Groundfish of the Bering Sea and Aleutian Islands Management Area	Other Species Complex <sup>47</sup>	NPFMC	No	Undefined	Unknown	N/A	N/A
Scallop Fishery off Alaska	Alaska Scallops	NPFMC	No	No	No	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Blue King Crab - Saint Lawrence Island	NPFMC	No <sup>48</sup>	Undefined	Unknown	N/A	N/A

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Bering Sea/Aleutian Islands King and Tanner Crabs	Golden King Crab - Northern District	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Golden King Crab - Pribilof Islands	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Red King Crab - Aleutian Islands, Dutch Harbor	NPFMC	No <sup>48</sup>	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Scarlet King Crab - Aleutian Islands	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Scarlet King Crab - Eastern Bering Sea	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Adak (Western Aleutians)	NPFMC	No <sup>48</sup>	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Aleutian Islands	NPFMC	No <sup>48</sup>	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Aleutian Islands Grooved	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Aleutian Islands Triangle	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Bering Sea Grooved	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Eastern Bering Sea Triangle	NPFMC	Unknown	Undefined	Unknown	N/A	N/A
Bering Sea/Aleutian Islands King and Tanner Crabs	Tanner Crab - Western Aleutian Islands Grooved	NPFMC	No <sup>48</sup>	Undefined	Unknown	N/A	N/A
International Pacific Halibut Commission <sup>49</sup>	PACIFIC HALIBUT	PFMC and NPFMC <sup>49</sup>	No	No	No	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Longbill Spearfish - West Atlantic	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Skipjack Tuna - West Atlantic	HMS	Unknown <sup>50</sup>	Unknown <sup>50</sup>	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Pelagic Shark Complex <sup>51</sup>	HMS	Unknown	Unknown	Unknown	N/A	N/A
Consolidated Atlantic Highly Migratory Species	Thirty-three deepwater and other species for data collection only purposes <sup>52</sup>	HMS					

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\*The overfishing definition for this stock is pre-SFA.

1. A formal rebuilding program was not required or submitted because either no fishing is allowed in this fishery, or incidental harvest is limited to levels necessary to meet Endangered Species Act (ESA) requirements. A Final Recovery Plan for the Gulf of Maine Distinct Population Segment of Atlantic Salmon has been developed under the ESA.
2. Although the fishery in the EEZ is closed and fishing mortality is likely very low in federal waters, there remains an active fishery in states' waters.
3. Mutton snapper from the South Atlantic and Gulf of Mexico are being assessed by the state of Florida through SEDAR 15.
4. Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.
5. On July 11, 2003, NMFS partially approved the FMP for this stock. Although one of the disapproved provisions included the MFMT, a component of the overfishing definition, an examination of the rate of harvest (currently zero), relative to the approved MSY level (100,000 mt), indicates that overfishing is not occurring. In addition, no directed fishery for this stock currently exists. This species has the capacity to increase its biomass through vegetative growth by as much as 10 percent per day, thus doubling its biomass every two weeks. Therefore, it is unlikely that this stock is overfished.
6. This unit (Snapper Unit 2) is part of the Caribbean Reef Fish FMU and is composed of queen snapper and wenchman; queen snapper is the indicator species for the unit.
7. This unit (Grouper Unit 3) is part of the Caribbean Reef Fish FMU and is composed of red hind, coney, rock hind, graysby, and creole fish; red hind is the indicator species for the unit.
8. This unit (Grunts) is part of the Caribbean Reef Fish FMU and is composed of white grunt, tomtate, blue striped grunt, French grunt, margate, and porkfish. There is no indicator species for this unit.
9. This unit (Goatfishes) is part of the Caribbean Reef Fish FMU and is composed of spotted and yellow goatfishes. There is no indicator species for this unit.
10. This unit (Porgies) is part of the Caribbean Reef Fish FMU and is composed of jolthead porgy, sea bream, sheepshead porgy, and pluma. There is no indicator species for this unit.
11. This unit (Squirrelfishes) is part of the Caribbean Reef Fish FMU and is composed of black bar squirrelfish, lonspine squirrelfish, bigeye (*Priacanthus arenatus*), and squirrelfish. There is no indicator species for this unit.
12. This unit (Tilefishes) is part of the Caribbean Reef Fish FMU and is composed of blackline and sand tilefishes. There is no indicator species for this unit.
13. This unit (Jacks) is part of the Caribbean Reef Fish FMU and is composed of blue runner, greater amberjack, horseye, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.
14. This unit (Parrotfishes) is part of the Caribbean Reef Fish FMU and is composed of blue, midnight, princess, queen, rainbow, striped, redband, redband, redtail, redfin, and stoplight parrotfishes. There is no indicator species for this unit.
15. This unit (Surgeonfish) is part of the Caribbean Reef Fish FMU and is composed of doctorfish, bluetang, and ocean surgeonfish. There is no indicator species for this unit.
16. This stock (Triggerfishes and Filefishes) is part of the Caribbean Reef Fish FMU and is composed of ocean, queen, and Sargassum triggerfishes; scrawled and whitespotted filefishes; and black durgon; queen triggerfish is the indicator species for the unit.

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17. This unit (Boxfishes) is part of the Caribbean Reef Fish FMU and is composed of honeycombed and scrawled cowfishes; trunkfish, spotted trunkfish, and smooth trunkfish. There is no indicator species for this unit.
18. This unit (Wrasses) is part of the Caribbean Reef Fish FMU and is composed of hogfish, Spanish hogfish, and puddingwife; hogfish is the indicator species for the unit.
19. This unit (Angelfishes) is part of the Caribbean Reef Fish FMU and is composed of queen, gray, and French angelfishes. There is no indicator species for this unit.
20. In addition to the other 79 species contained in this FMP, there are an additional 60 species that are for aquarium trade only including Frogfish, Flamefish, Conchfish, Redlip Blenny, Peacock Flounder, Longsnout Butterflyfish, Foureye Butterflyfish, Spotfin Butterflyfish, Banded Butterflyfish, Redspotted Hawkfish, Flying Gurnard, Atlantic Spadefish, Neon Goby, Rusty Goby, Royal Gramma, Creole Wrasse, Yellowcheek Wrasse, Yellowhead Wrasse, Clown Wrasse, Pearly Razorfish, Green Razorfish, Bluehead Wrasse, Chain Moray, Green Moray, Goldentail Moray, Batfish, Goldspotted Eel, Yellowhead Jawfish, Dusky Jawfish, Cherubfish, Rock Beauty, Sergeant Major, Blue Chromis, Sunshinefish, Yellowtail Damsel, Dusky Damsel, Beaugregory, Bicolor Damsel, Threespot Damsel, Glasseye Snapper, High-hat, Jackknife-fish, Spotted Drum, Scorpionfishes, Butter Hamlet, Swissguard Basslet, Greater Soapfish, Orangeback Bass, Lantern Bass, Tobaccobass, Harlequin Bass, Chalk Bass, Caribbean Tonguefish, Seahorses, Pipefishes, Sand Diver, Sharpnose Puffer, Porcupinefish, Trumpetfish, and Cardinal Soldierfish.
21. This FMP contains eight species for data collection only, including Atlantic triton's trumpet, cameo helmet, green star shell, hawkwing conch, milk conch, roostertail conch, true tulip, and West Indian fighting conch. This FMP also contains Queen Conch, which is an FSSI stock.
22. This FMP contains many corals and reef-associated invertebrates. NMFS determined that the available data are inadequate or insufficient for providing a defensible and meaningful estimate of MSST for managed species in the Coral Reef FMP. Accordingly, various taxa are included for data collection purposes only.
23. The Salmon FMP contains three exceptions to the application of overfishing criteria and subsequent Council actions for stocks or stock complexes with conservation objectives: (1) hatchery stocks, (2) stocks for which Council management actions have inconsequential impacts, and (3) stocks listed under the ESA.
24. This stock has failed to meet its conservation objective for 3 consecutive years. As a result, the Pacific Fishery Management Council will have one year to review the status of this stock to determine if it is subject to overfishing and is overfished, and to determine what factors are responsible for the decline. If it is determined that fishing mortality has led to the stock's decline, a rebuilding plan may be required.
25. The Smith River Chinook is not part of the California Coastal Chinook ESU, which includes the Eel, Mattole, and Mad River stocks. However, there are no conservation objectives defined for the northern coastal chinook stocks. These stocks are managed consistent with NMFS jeopardy standard / recovery plans for the California Coastal Chinook ESU. The Smith River stock is therefore also managed under the NMFS jeopardy standard / recovery plans.
26. Amendment 14 to the Salmon FMP added these stocks to the list of stocks managed under the FMP but did not identify conservation objectives. The PFMC has not yet developed an objective. Prior to Amendment 14, Klamath River spring Chinook were regarded as one of several sub-basin stocks protected by the Klamath River fall Chinook objective. The NMFS Chinook status review included Klamath River fall and spring Chinook as part of the same ESU.
27. The PFMC manages these fisheries consistent with provisions of the Pacific Salmon Treaty. These stocks originate from either U.S. or Canadian waters and are managed as mixed stock fisheries.

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28. Oregon Coastal Natural (OCN) coho are managed subject to the provisions of Amendment 13 to the Salmon FMP. The southern stock complex is listed as a threatened species under the ESA as part of the Southern Oregon / Northern California Coasts Coho ESU (May 6, 1997), and the northern components, Oregon Coast coho, are not listed. The OCN stocks have met their management objectives in recent years.
29. Black Rockfish - South was recently assessed for the first time, but results cannot be listed under FSSI stocks at this time because it is a separate stock from Black Rockfish - North.
30. The management unit includes *Auxis* spp. (frigate mackerels), *Allothunnus* spp. (slender tunas), and *Scomber* spp. (mackerels).
31. This complex contains up to 19 species including Seabass - hapuu'upu, Squirrelfish Snapper - ehu, Longtail Snapper - onaga, Silver Jaw Jobfish - lehi, Gray Jobfish - uku, Blueline Snapper, Yellowtail Snapper - yellow tail kalekale, Crimson jobfish - opakapaka, Yelloweye Snapper - yelloweye opakapaka, Von Siebolds Snapper - kalekale, Oblique-Banded Snapper - gindai, Giant Trevally - white ulua, Black Jack - black ulua, Thick Lipped Trevally - pig ulua, Amberjack - kahala, Blacktip Grouper, Lunartail Grouper, Ambon Emperor, and Redgill Emperor. Assessments are made for multi-species stock complexes, one complex for each of the Hawaiian Archipelago, American Samoa, and Guam.
32. This complex contains up to 5 species including Red Spiny Lobster, Green Spiny Lobster, Common Slipper Lobster, Chinese Slipper Lobster, and Giant Slipper Lobster.
33. The fishery has been closed since 1999 and fishing mortality has been virtually zero since then.
34. This complex contains up to 12 taxa including *Corallium secundum*, *Corallium regale*, *Corallium laauense*, *Gerardia* spp., *Callogorgia gilberti*, *Narella* spp., *Calyptrophora* spp., *Lepidisis olapa*, *Acanella* spp., *Antipathes grandis*, *Antipathes dichotoma*, and *Antipathes ulex*.
35. There has been virtually no fishing for this stock since 2001 and fishing mortality has been virtually zero since then.
36. This complex contains up to 3 species including *Antipathes grandis*, *Antipathes dichotoma*, and *Antipathes ulex*.
37. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa."
38. This complex contains up to 146 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa." The Pacific remote island areas (PRIA) are U.S. island possessions in the Pacific Ocean that include Palmyra Atoll, Kingman Reef, Jarvis Island, Baker Island, Howland Island, Johnston Atoll, Wake Island, and Midway Atoll. All reefs of the PRIA except Wake Island, which is under the jurisdiction of the Department of Defense, are National Wildlife Refuges. Fishing for coral reef-associated species is prohibited in all these areas except Palmyra Atoll, Johnston Atoll, Wake Island, and Midway Atoll.
39. The coho salmon assemblage consists of coho, sockeye, pink, and chum salmon throughout southeast Alaska. There are 4 indicator stocks of coho salmon that are used to determine the status of the assemblage; these indicator stocks are Auke Creek, Berners River, Ford Arm Lake, and Hugh Smith Lake.
40. The Other Slope Rockfish Complex consists of the following stocks: Blackgill Rockfish, Bocaccio, Chilipepper, Darkblotched Rockfish, Greenstriped Rockfish, Harlequin Rockfish, Northern Rockfish (Eastern GOA only), Pygmy Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Silvergray Rockfish, Splitnose Rockfish, Stripetail Rockfish, Vermilion Rockfish, and Yellowmouth Rockfish. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.

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41. The Shallow Water Flatfish Complex consists of the following stocks: Alaska Plaice, Butter Sole, C-O Sole, Curlfin Sole, English Sole, Northern Rock Sole, Pacific Sanddab, Petrale Sole, Sand Sole, Slender Sole, Southern Rock Sole, Speckled Sanddab, Starry Flounder, and Yellowfin Sole. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
42. The Other Skates Complex consists of the following stocks: Alaska Skate, Aleutian Skate, Bering Skate, Deepsea Skate, Roughshoulder Skate, Roughtail Skate, and Whiteblotched Skate. The overfishing determination is based on the combined abundance estimates of these species.
43. The Other Species Complex consists of the following stocks: Pacific Sleeper Shark, Salmon Shark, Spiny Dogfish, Antlered Sculpin, Armorhead Sculpin, Bigmouth Sculpin, Blackfin Sculpin, Blob Sculpin, Brightbelly Sculpin, Brown Irish Lord, Buffalo Sculpin, Crested Sculpin, Darkfin Sculpin, Dusky Sculpin, Eyeshade Sculpin, Fourhorn Sculpin, Frog Sculpin, Frogmouth Sculpin, Great Sculpin, Grunt Sculpin, Longfin Sculpin, Northern Sculpin, Pacific Staghorn Sculpin, Plain Sculpin, Red Irish Lord, Ribbed Sculpin, Roughspine Sculpin, Roughskin Sculpin, Sailfin Sculpin, Scissortail Sculpin, Silverspotted Sculpin, Slim Sculpin, Smoothcheek Sculpin, Smoothhead Sculpin, Spatulate Sculpin, Spectacled Sculpin, Spinyhead Sculpin, Sponge Sculpin, Spotfin Sculpin, Tadpole Sculpin, Thorny Sculpin, Threaded Sculpin, Threadfin Sculpin, Warty Sculpin, Yellow Irish Lord, Sculpin *Arctidiellus* sp., Sculpin *Icelus euryops*, Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Red Octopus, Smoothskin Octopus, Vampire Squid, North Pacific Bigeye Octopus, Squid *Berryteuthis anonychus*, Squid *Berryteuthis magister*, Squid *Chiroteuthis calyx*, Squid *Cranchia scabra*, Squid *Eogonatus tinro*, Squid *Galiteuthis phyllura*, Squid *Gonatopsis makko*, Squid *Gonatus berryi*, Squid *Gonatus kamtschaticus*, Squid *Gonatus madokai*, Squid *Gonatus onyx*, Squid *Gonatus pyros*, Squid *Histioteuthis Boylei*, Squid *Loligo opalescens*, Squid *Moroteuthis robusta*, Squid *Octopoteuthis deletron*, and Squid *Onychoteuthis borealijaponicus*. There is no OFL specified for this complex. The TAC is set at an amount less than or equal to 5 percent of the combined TACs for the remainder of the groundfish fishery.
44. The Other Rockfish Complex consists of the following stocks: Dark Rockfish, Dusky Rockfish, Harlequin Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Shortspine Thornyhead, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
45. The Other Flatfish Complex consists of the following stocks: Arctic Flounder, Butter Sole, Curlfin Sole, Deepsea Sole, Dover Sole, English Sole, Longhead Dab, Pacific Sanddab, Petrale Sole, Rex Sole, Roughscale Sole, Sakhalin Sole, Sand Sole, Slender Sole, and Starry Flounder. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.
46. The Squid Complex consists of the following stocks: Squid *Belonella borealis*, Squid *Berryteuthis anonychus*, Squid *Berryteuthis magister*, Squid *Chiroteuthis calyx*, Squid *Cranchia scabra*, Squid *Eogonatus tinro*, Squid *Galiteuthis phyllura*, Squid *Gonatopsis borealis*, Squid *Gonatopsis makko*, Squid *Gonatus berryi*, Squid *Gonatus kamtschaticus*, Squid *Gonatus madokai*, Squid *Gonatus onyx*, Squid *Gonatus pyros*, Squid *Histioteuthis Boylei*, Squid *Moroteuthis robusta*, and Squid *Rossia pacifica*. The overfishing determination is based on the OFL, which is equal to average historical catch.
47. The Other Species Complex consists of the following stocks: Antlered Sculpin, Arctic Staghorn Sculpin, Armorhead Sculpin, Banded Irish Lord, Bigmouth Sculpin, Blackfin Sculpin, Blacknose Sculpin, Blob Sculpin, Bride Sculpin, Broadfin Sculpin, Butterfly Sculpin, Crescent-tail Sculpin, Crested Sculpin, Darkfin Sculpin, Eyeshade Sculpin, Flabby Sculpin, Fourhorn Sculpin, Great Sculpin, Grunt Sculpin, Leister Sculpin, Longfin Irish Lord, Longfin Sculpin, Northern Sculpin, Pacific Hookear Sculpin, Pacific Staghorn Sculpin, Plain Sculpin, Purplegray Sculpin, Red Irish Lord, Ribbed Sculpin, Roughskin Sculpin, Roughspine Sculpin, Sailfin Sculpin, Scaled Sculpin, Scalybreasted Sculpin, Scissortail Sculpin, Slim Sculpin, Smoothcheek Sculpin, Spatulate Sculpin, Spectacled Sculpin, Spinyhead Sculpin, Sponge Sculpin, Tadpole Sculpin, Thorny Sculpin, Threaded Sculpin, Uncinate Sculpin, Warty Sculpin, Wide-eye Sculpin, Yellow Irish Lord, Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Smoothskin Octopus, Octopus *Benthoctopus oregonensis*, Octopus *Graneledone boreopacifica*, Octopus *Bathypolypus arcticus*, Pacific Sleeper Shark, Salmon Shark, Spiny Dogfish, Alaska Skate, Aleutian Skate, Bering Skate, Big Skate, Butterfly Skate, Commander Skate, Deepsea Skate, Mud Skate, Okhotsk Skate, Roughshoulder Skate, Roughtail Skate, Whiteblotched Skate, and Whitebrow Skate. The overfishing determination is based on the OFL, which is computed by using abundance estimates of skates and sculpins and average historical catch for sharks and octopus.

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48. Fishery in the EEZ is closed; therefore, fishing mortality is very low.

49. The resource is managed by treaty between the United States and Canada through recommendations of the International Pacific Halibut Commission. Pacific halibut is managed under the jurisdiction of the PFMC for WA, OR, and CA and under the jurisdiction of the NPFMC for Alaska.

50. The biological characteristics of West Atlantic skipjack tuna make it extremely difficult to conduct an assessment. However, nominal abundance indices seem to indicate a stable stock status.

51. In addition to Shortfin Mako Shark, Blue Shark, and Porbeagle Shark, the Pelagic Shark Complex also consists of Oceanic Whitetip Shark and Thresher Shark. This complex also consists of stocks that cannot be retained in recreational or commercial fisheries, which include Bigeye Thresher Shark, Bigeye Sixgill Shark, Longfin Mako Shark, Sevengill Shark, and Sixgill Shark.

52. There are an additional 33 deepwater and other species contained in this FMP, but are not contained in the management unit and are for data collection purposes only. These species include Iceland catshark, Smallfin catshark, Deepwater catshark, Broadgill catshark, Marbled catshark, Blotched catshark, Chain dogfish, Dwarf catshark, Japanese gulper shark, Gulper shark, Little gulper shark, Kitefin shark, Flatnose gulper shark, Portuguese shark, Greenland shark, Lined lanternshark, Broadband dogfish, Caribbean lanternshark, Great lanternshark, Smooth lanternshark, Fringefin lanternshark, Green lanternshark, Cookiecutter shark, Bigtooth cookiecutter, Smallmouth velvet Dogfish, Pygmy shark, Roughskin spiny dogfish, Blainville's dogfish, Cuban dogfish, Bramble shark, American sawshark, Florida smoothhound, and Smooth dogfish.



**Table C. Summary of stock status for species not contained in federal fishery management plans.****NOTE: These stocks are not counted toward the total of overfished stocks.**

Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?
AMERICAN EEL	ASMFC	Unknown	Unknown	Unknown
AMERICAN LOBSTER - Gulf of Maine	ASMFC	No	No <sup>1</sup>	Unknown
AMERICAN LOBSTER - Georges Bank	ASMFC	No	No <sup>1</sup>	Unknown
AMERICAN LOBSTER - Southern New England	ASMFC	Yes	Depleted <sup>1</sup>	N/A
ATLANTIC CROAKER - Mid-Atlantic	ASMFC	No	No	No
ATLANTIC CROAKER - South Atlantic	ASMFC	Unknown	Unknown	Unknown
ATLANTIC MENHADEN	ASMFC	No	No	Unknown <sup>2</sup>
HORSESHOE CRAB	ASMFC	Unknown	Unknown	Unknown
NORTHERN SHRIMP	ASMFC	No	No	Unknown <sup>2</sup>
STRIPED BASS	ASMFC	No	No	Unknown <sup>2</sup>
TAUTOG	ASMFC	Yes	Yes	Unknown
AMERICAN SHAD	ASMFC	Unknown	Unknown	Unknown
Hickory Shad	ASMFC	Unknown	Unknown	Unknown
RIVER HERRING	ASMFC	Unknown	Unknown	Unknown
Atlantic Sturgeon	ASMFC	No <sup>3</sup>	Yes	N/A

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Stock	Jurisdiction	Overfishing? (Is Fishing Mortality above Threshold?)	Overfished? (Is Biomass below Threshold?)	Approaching Overfished Condition?
SPOT	ASMFC	Unknown	Unknown	Unknown
SPOTTED SEATROUT	ASMFC	Unknown	Unknown	Unknown
WEAKFISH	ASMFC	Unknown	Unknown	Unknown

1. Stock status is based on Stock Assessment Report No. 06-03 (Supplement) of the ASMFC American Lobster Stock Assessment for Peer Review. In that report, overfished status is defined in terms of "abundance", whereas, it is defined in terms of "biomass" in this table. Likewise, the report uses the term "depleted" rather than "overfished".
2. Although the biomass level is known, determining whether the stock is approaching an overfished condition requires an additional level of analysis which has not been done.
3. Fishing for Atlantic Sturgeon is prohibited, therefore, there is no fishing mortality.