## **California Marine Life Protection Act Initiative**

# Proposed Uses from North Coast Tribes and Tribal Communities for Round 2 Draft MPA Proposals

Input received through August 26, 2010

Marine Life Protection Act (MLPA) Initiative and California Department of Fish and Game staff met with north coast tribes and tribal communities between May, June and July 2010 regarding Round 2 draft marine protected area (MPA) proposals developed for the MLPA North Coast Project; this document identifies proposed uses for Round 2 draft MPA proposals that north coast tribes and tribal communities would like the MLPA North Coast Regional Stakeholder Group (NCRSG) to consider for Round 3 MPA proposals.

Input from tribes and tribal communities was collected from a series of outreach meetings with and public comments made during MLPA Initiative open houses. Input on proposed uses is described for specific MPAs or groups of MPAs from Round 2 draft MPA proposals and is aggregated to protect confidentiality of individuals who contributed. Further, the proposed uses are described by category of species, individual species, and gear type. Additional comments on specific MPAs or groups of MPAs from Round 2 draft MPA proposals also are noted. This document does not contain a comprehensive list of proposed uses; additional input may be provided directly to the NCRSG, MLPA Blue Ribbon Task Force, MLPA Master Plan Science Advisory Team, and/or MLPA Initiative staff.

Several acronyms are used in the following tables:

- SMCA = state marine conservation area
- SMP = state marine park
- SMR = state marine reserve
- SMRMA = state marine recreational management area

Table 1. Proposed uses for Navarro River Estuary SMCA, Albion River Estuary SMCA, and Big River Estuary SMP.

Navarro River Estuar	Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type	
	lingcod	hook and line, throw line	
	rockfish	hook and line	
	sculpin	hook and line	
groundfish	cabezon	hook and line, string of throw lines/hooks	
	kelp greenling	hook and line	
	rock greenling	hook and line	
stickleback	stickleback fish	hook and line	
eels	Pacific lamprey	spear, bow and arrow	
flatfish	California halibut	hook and line	

Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type
	Pacific halibut	hook and line
overfore and b	redtail surfperch	hook and line from shore, cast net
surfperch	other surfperch including shiner surfperch	hook and line from shore, cast net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets
	eulachon	dip net, beach net
sea trout		string of throw lines/hooks
coastal pelagic species <sup>1</sup>	as listed	dip net, round-haul, hand harvest
pelagic finfish	Pacific herring	dip net, cast net
salmon <sup>2</sup>	as listed	troll, hook and line, gill net, gig, gaff
	California mussel	hand harvest, hand appliances
	oyster	hand harvest, hand appliances
	rock scallop	hand harvest, dive knife, abalone iron, bar
clams, mussels, and other bivalves	Pacific and fat gaper clam	hand or hand appliances
bivaives	butter or smooth Washington clams	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
other clams <sup>3</sup>	as listed	hand or hand appliances
	gooseneck barnacle	hand or hand appliances
barnacles	acorn barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
snails and abalone	red abalone	free-diving, hand harvest, abalone iron
	black abalone	hand harvest

<sup>&</sup>lt;sup>1</sup> Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

<sup>&</sup>lt;sup>2</sup> Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout, and other salmon.

<sup>&</sup>lt;sup>3</sup> Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type
	Nucella	hand harvest
	black turban	hand harvest
	brown turban	hand harvest
	periwinkle	hand harvest
	checkered periwinkle	hand harvest
	Olivella	hand harvest
	Chinese hat	hand harvest
	slipper limpet	hand harvest
limpets	shield limpet	hand harvest
	other limpets	hand harvest
	gumboot (China slipper)	hand harvest, abalone iron
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
crab	Dungeness crab	trap, hoop net
other crabs <sup>4</sup>	as listed	trap, hoop net
other crabs	purple shore crab	bait/line and cloth bag
	squid	spear, bow and arrow
	market squid	net
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
ootopus ana squia	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
	coonstripe shrimp	trap
shrimp	spot prawn	trap
	bay ghost shrimp	cloth bag
	red sea urchin	hand or hand appliances, diving, dive knife, rock pick
urchin	purple sea urchin	hand or hand appliances, diving, dive knife, rock pick

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 $<sup>^{\</sup>rm 4}$  Crabs include yellow, rock, slender, red, and purple shore crabs.

Navarro River Estuary SMCA/ Albion River Estuary SMCA/ Big River Estuary SMP		
Category of Species	Species	Gear Type
	giant green sea anemone	hand harvest, dive knife, bar, abalone iron
other invertebrates	other anemones	dive knife, bar
	California sea cucumber	hand harvest
	dentalium	hand harvest
	giant kelp	hand harvest
seaweed and plants	bull kelp	hand harvest
seaweed and plants	sea palm	commercial intertidal hand harvest, hand harvest, knife
canopy forming algae⁵	as listed	intertidal hand harvest
turf forming and foliose algae <sup>6</sup>	as listed	intertidal hand harvest
seabirds	eggs	hand harvest
feathers <sup>7</sup>	as listed	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	shells <sup>8</sup>	hand harvest
	pebbles	hand harvest
geological resources	driftwood	hand harvest
	seasalt	hand harvest

## **Navarro River Estuary SMCA**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

"The Council supports the second proposal that would prohibit all non-Indian take and allow Tribal uses as defined in the Policy, and provide for co-management by the Tribes."

<sup>&</sup>lt;sup>5</sup> Canopy forming algae include wakame, ocean ribbons, kombu, sweet kombu, feather boa, bladder wrack or rockweed, and walking-stick.

<sup>&</sup>lt;sup>6</sup> Turf forming and foliose algae include nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

<sup>&</sup>lt;sup>7</sup> Bird feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

<sup>&</sup>lt;sup>8</sup> Shells used on cultural items separate from food uses include red abalone, dentilium, Washington clam, *Olivella*.

## **Big River Estuary SMP**

#### **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

"The Council favors the use of the wording: "Tribal uses are specifically accommodated, along with certain recreational uses by non-Indians." This wording defines Tribal use as unique, and restricts non-Indian use to the category of "recreational," which is appropriate."

## **Albion River Estuary SMCA**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

"As with the other MPAs, state that co-management with the Tribes "shall" be allowed rather than "should" be allowed."

Table 2. Proposed uses for Van Damme SMCA, Russian Gulch SMCA, and Point Cabrillo SMCA.

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
	lingcod	hook and line, throw line
	rockfish	hook and line
	sculpin	hook and line
groundfish	cabezon	hook and line, string of throw lines/hooks
	kelp greenling	hook and line
	rock greenling	hook and line
stickleback	stickleback fish	hook and line
eels	Pacific lamprey	spear, bow and arrow
fl- (C-l-	California halibut	hook and line
flatfish	Pacific halibut	hook and line
	redtail surfperch	hook and line from shore, cast net
surfperch	other surfperch including shiner surfperch	hook and line from shore, cast net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets
	eulachon	dip net, beach net
sea trout		string of throw lines/hooks

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
coastal pelagic species9	as listed	dip net, round-haul, hand harvest
pelagic finfish	Pacific herring	dip net, cast net
salmon <sup>10</sup>	as listed	troll, hook and line, gill net, gig, gaff
	California mussel	hand harvest, hand appliances
	oyster	hand harvest, hand appliances
	rock scallop	hand harvest, dive knife, abalone iron, bar
clams, mussels, and other bivalves	Pacific and fat gaper clam	hand or hand appliances
Divalves	butter or smooth Washington clams	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
other clams <sup>11</sup>	as listed	hand or hand appliances
	gooseneck barnacle	hand or hand appliances
barnacles	acorn barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	red abalone	free-diving, hand harvest, abalone iron
	black abalone	hand harvest
	Nucella	hand harvest
	black turban	hand harvest
Snails and abalone	brown turban	hand harvest
	periwinkle	hand harvest
	checkered periwinkle	hand harvest
	Olivella	hand harvest
	Chinese hat	hand harvest
llana ata	slipper limpet	hand harvest
limpets	shield limpet	hand harvest

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<sup>&</sup>lt;sup>9</sup> Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

<sup>&</sup>lt;sup>10</sup> Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout, and other salmon.

<sup>&</sup>lt;sup>11</sup> Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

	Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type	
	other limpets	hand harvest	
	gumboot (China slipper)	hand harvest, abalone iron	
chitons	mossy chiton	hand harvest	
	woody chiton	hand harvest	
crab	Dungeness crab	trap, hoop net	
othor archol2	as listed	trap, hoop net	
other crabs <sup>12</sup>	purple shore crab	bait/line and cloth bag	
	squid	spear, bow and arrow	
	market squid	net	
octopus and squid	Pacific red octopus	hand or hand appliances (shar stick)	
	two spot octopus	hand or hand appliances (shar stick)	
	giant Pacific octopus	hand or hand appliances (shar stick)	
	coonstripe shrimp	trap	
shrimp	spot prawn	trap	
	bay ghost shrimp	cloth bag	
	red sea urchin	diving, hand or hand appliance dive knife, rock pick	
urchin	purple sea urchin	diving, hand or hand appliance dive knife, rock pick	
	giant green sea anemone	hand harvest, dive knife, bar, abalone iron	
other invertebrates	other anemones	dive knife, bar	
	California sea cucumber	hand harvest	
	dentalium	hand harvest	
seabirds	eggs	hand harvest	
feathers <sup>13</sup>	as listed	hand harvest	
	giant kelp	hand harvest	
seaweed and plants	bull kelp	hand harvest	

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 $<sup>^{\</sup>rm 12}$  Crabs include yellow, rock, slender, red, and purple shore crabs.

 $<sup>^{13}</sup>$  Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls, and other shorebirds.

Van Damme SMCA/ Russian Gulch SMCA/ Point Cabrillo SMCA		
Category of Species	Species	Gear Type
	sea palm	commercial intertidal hand harvest, hand harvest, knife
canopy forming algae <sup>14</sup>	as listed	intertidal hand harvest
turf forming and foliose algae <sup>15</sup>	as listed	intertidal hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	shells <sup>16</sup>	hand harvest
geological resources	pebbles	hand harvest
	driftwood	hand harvest
	seasalt	hand harvest

## Van Damme SMCA

#### **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Councils:**

"The Board is concerned about the apparent restrictions against Tribal uses, and needs further explanation about planned uses and restrictions for this proposed MPA."

#### **Russian Gulch SMCA**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Councils:**

"Clarify that the Tribes do not fall under "recreational" and that Tribal uses should be allowed."

## Point Cabrillo SMCA

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Councils:**

"The Council supports the Sapphire #1 proposal. The Council needs written confirmation that "traditional...activities" means the take of any and all species that are traditionally used by Tribes."

<sup>&</sup>lt;sup>14</sup> Includes all canopy forming algae listed in the data sheet: wakame, ocean ribbons, kombu, sweet kombu, feather boa, bladder wrack or rockweed, and walking-stick.

<sup>&</sup>lt;sup>15</sup> Turf forming and foliose algae includes nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

<sup>&</sup>lt;sup>16</sup> Shells that are used on cultural items separate from food uses but are historically as important: red abalone, dentilium, Washington clam, *Olivella*.

Table 3. Proposed uses for MacKerricher SMCA.

MacKerricher SMCA		
Category of Species	Species	Gear Type
	lingcod	hook and line, throw line
	rockfish	hook and line
	sculpin	hook and line
groundfish	cabezon	hook and line, string of throw lines/hooks
	kelp greenling	hook and line
	rock greenling	hook and line
stickleback	stickleback fish	hook and line
eels	Pacific lamprey	spear, hook, hoop net, bow and arrow
0.46.1	California halibut	hook and line
flatfish	Pacific halibut	hook and line
surfperch	redtail surfperch	hook and line from shore, dip r
	other surfperch including shiner surfperch	hook and line from shore, dip no cast net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets <sup>17</sup>
	eulachon	dip net, beach net
sea trout		string of throw lines and hooks
coastal pelagic species18	as listed	dip net, round-haul, hand harve
pelagic finfish	Pacific herring	dip net, cast net
salmon <sup>19</sup>	as listed	troll <sup>20</sup> , hook and line, gill net, gi gaff
	gooseneck barnacle	hand or hand appliances
barnacles	acorn barnacle	hand or hand appliances

 $^{17}$  We also received input requesting that Hawaiian-type throw nets be excluded from the MacKerricher SMCA because of

overfishing and the nets restrict smelt spawning. Many of beaches that allow throw nets do not have high smelt runs because the Hawaiian style nets don't allow the fish to lay their eggs in the gravel.

<sup>&</sup>lt;sup>18</sup> Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

<sup>&</sup>lt;sup>19</sup> Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout and other salmon.

<sup>&</sup>lt;sup>20</sup> We also received input requesting Salmon by troll not be allowed in MacKerricher SMCA because it leads to overfishing. The fish are harvested in large quantities, upsetting the delicate balance of biodiversity.

MacKerricher SMCA		
Category of Species	Species	Gear Type
	giant barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	gumboot (China slipper)	hand harvest, hand or hand appliances, abalone iron,
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
	California mussel	hand harvest, hand appliances
	oyster	hand harvest, hand appliances
	rock scallop	hand harvest, dive knife, abalon iron, bar
	Pacific and fat gaper clam	hand or hand appliances
clams, mussels, and other bivalves	butter or smooth Washington clams	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
	California mussel	hand or hand appliances
	oyster	hand or hand appliances
	Pacific littleneck clam	hand or hand appliances
other clams <sup>21</sup>	as listed	hand or hand appliances
crab	Dungeness crab	trap, hoop net
-4h - u - u - h - <sup>22</sup>	as listed	trap, hoop net
other crabs <sup>22</sup>	purple shore crab	bait/line and cloth bag
limpets	all	hand or hand appliances
	shield limpet	hand or hand appliances
	slipper limpet	hand harvest
	squid	spear, bow and arrow
octopus and squid	market squid	net
	Pacific red octopus	hand or hand appliances (sharp stick)

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<sup>&</sup>lt;sup>21</sup> Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

<sup>&</sup>lt;sup>22</sup> Crabs include yellow, rock, slender, red, and purple shore crabs.

MacKerricher SMCA		
Category of Species	Species	Gear Type
	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
	giant green sea anemone	hand harvest, dive knife, bar, abalone iron
other invertebrates	other anemones	dive knife, bar
	California sea cucumber	hand harvest
	dentalium	hand harvest
	coonstripe shrimp	trap
shrimp	spot prawn	trap
	bay ghost shrimp	cloth bag
	red abalone	hand or hand appliances, free- diving, abalone iron
	black abalone	hand harvest
	Nucella	hand harvest
	black turban	hand harvest
anaila and abalana	brown turban	hand harvest
snails and abalone	periwinkle	hand harvest
	checkered periwinkle	hand harvest
	Chinese hat	hand harvest, hand or hand appliances
	Olivella	hand harvest
	all	hand harvest
	red sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest
urchin	purple sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest
	bull kelp	hand harvest
	giant kelp	hand harvest
seaweed and plants	sea palm	hand harvest, knife
	ice plant	hand harvest
turf forming and foliose algae	sea lettuce	hand harvest

MacKerricher SMCA		
Category of Species	Species	Gear Type
canopy forming algae <sup>23</sup>	as listed	intertidal hand harvest
turf forming and foliose algae <sup>24</sup>	as listed	intertidal hand harvest
seabirds	eggs	hand harvest
25	as listed	hand harvest
feathers <sup>25</sup>	Blue Heron feathers	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	shells	hand harvest
geological resources	pebbles	hand harvest
	driftwood	hand harvest
	seasalt	hand harvest

## **MacKerricher SMCA**

#### **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

"As with the other MPAs, this SMCA needs Tribal use wording that is consistent with Tribal use wording in the rest of the MPAs. As with the other MPAs, state that co-management with the Tribes "shall" be allowed rather than "should" be allowed."

#### Comments from Individuals:

Disallow the take of black abalone for conservation.

Table 4. Proposed uses for Ten Mile SMCA, Ten Mile Estuary SMCA and Vizcaino SMCA.

Ten Mile SI	Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species Species Gear Type			
coastal pelagic species <sup>26</sup>	as listed	dip net, round-haul, hand harvest	
eels	Pacific lamprey	spear, hook, hoop net, bow and arrow	

<sup>&</sup>lt;sup>23</sup> Canopy forming algae include wakame, ocean ribbons, kombu, sweet kombu, feather boa, bladder wrack or rockweed, and walking-stick.

<sup>&</sup>lt;sup>24</sup> Turf forming and foliose algae include nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

<sup>&</sup>lt;sup>25</sup> Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

<sup>&</sup>lt;sup>26</sup> Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
0 - (C - l-	California halibut	hook and line
flatfish	Pacific halibut	hook and line
	cabezon	hook and line
	kelp greenling	hook and line
groundfich	lingcod	hook and line, throw line
groundfish	rock greenling	hook and line
	rockfish	hook and line
	sculpin	hook and line
pelagic finfish	Pacific herring	dip net, cast net
salmon <sup>27</sup>	as listed	troll, hook and line, gill net, gig, gaff
	eulachon	dip net, beach net
smelt	surf smelt and night smelt	dip net, cast net, Hawaiian-type throw nets,
sea trout		string of throw lines/hooks
stickleback	stickleback fish	hook and line
avefo avale	other surfperch including shiner surfperch	hook and line from shore, dip net, cast net
surfperch	redtail surfperch	hook and line from shore, dip net, cast net
	acorn barnacle	hand or hand appliances
barnacles	giant barnacle	hand or hand appliances
Damacies	gooseneck barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	gumboot (China slipper)	hand harvest, hand appliances, abalone iron
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
clams, mussels, and other	butter or smooth Washington clams	hand or hand appliances
bivalves	California mussel	hand harvest, hand or hand appliances

 $<sup>^{\</sup>rm 27}$  Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout,, and other salmon.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
	oyster	hand harvest, hand or hand appliances
	Pacific and fat gaper clam	hand or hand appliances
	Pacific littleneck clam	hand or hand appliances
	Pacific razor clam	hand or hand appliances
	quohog	hand or hand appliances
	rock scallop	hand harvest, dive knife, abalone iron, bar
other crabs <sup>28</sup>	purple shore crab	bait/line and cloth bag
crab	Dungeness crab	trap, hoop net
	shield limpet	hand or hand appliances
limpets	slipper limpet	hand or hand appliances
	all	hand or hand appliances
	market squid	net
	squid	spear, bow and arrow
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
ociopus and squid	two spot octopus	hand or hand appliances (sharp stick)
	giant Pacific octopus	hand or hand appliances (sharp stick)
other clams <sup>29</sup>	as listed	hand or hand appliances
other crabs <sup>30</sup>	as listed	trap, hoop net
	California sea cucumber	hand harvest
	dentalium	hand harvest
other invertebrates	giant green sea anemone	hand harvest, dive knife, bar, abalone iron
	other anemones	dive knife, bar
shrimp	coonstripe shrimp	trap

 $<sup>^{\</sup>rm 28}$  Crabs include yellow, rock, slender, red, and purple shore crabs.

<sup>&</sup>lt;sup>29</sup> Clams include jackknife, geoduck, heart cockle, Nuttall's and other cockles, Pacific littleneck, Japanese littleneck (*Prothaca*), and Eastern soft-shell clams.

 $<sup>^{30}</sup>$  Crabs include yellow, rock, slender, red, and purple shore crabs.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
	spot prawn	trap
	bay ghost shrimp	cloth bag
	black turban	hand harvest
	brown turban	hand harvest
	checkered periwinkle	hand harvest
	Chinese hat	hand harvest, hand or hand appliances
anaile and abelene	Nucella	hand harvest
snails and abalone	Olivella	hand harvest
	periwinkle	hand harvest
	red abalone	free-diving, abalone iron, hand or hand appliances
	black abalone	hand harvest
	all	hand harvest
	purple sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest
urchin	red sea urchin	hand or hand appliances, diving, dive knife, rock pick, hand harvest, intertidal hand harvest
	bull kelp	hand harvest
	giant kelp	hand harvest
seaweed and plants	ice plant	hand harvest
	sea palm	commercial intertidal hand harvest, hand harvest, knife
31	sea lettuce	hand harvest
turf forming and foliose algae <sup>31</sup>	as listed	intertidal hand harvest
seabirds	eggs	hand harvest
32	Blue Heron feathers	hand harvest
feathers <sup>32</sup>	as listed	hand harvest
mammals	sea lions	harpoon, spear, tow lines

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<sup>&</sup>lt;sup>31</sup> Includes all turf forming and foliose algae listed in the data sheet: nori/laver, sea lettuce, Turkish towel, and Mendocino grapestone.

<sup>&</sup>lt;sup>32</sup> Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

Ten Mile SMCA/ Ten Mile Estuary SMCA/ Vizcaino SMCA		
Category of Species	Species	Gear Type
	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	driftwood	hand harvest
	pebbles	hand harvest
geological resources	seasalt	hand harvest
	shells <sup>33</sup>	hand harvest

## **Ten Mile SMCA**

#### **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Councils:**

"As with the other MPAs, this SMCA needs Tribal use wording that is consistent with Tribal use wording in the rest of the MPAs."

#### Comments from Individuals:

Disallow the take of black abalone for conservation.

## **Ten Mile SMR**

#### **Comments from Councils:**

"The Board is concerned about the apparent restrictions against Tribal uses and needs further explanation about planned uses and restrictions for this proposed MPA."

#### Vizcaino SMCA

#### **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

"The Council wants this MPA to allow for Tribal uses consistent with the MLPAI marine conservation goals and historic Tribal uses, with the ability for the Council to conduct co-management with the state."

## **Comments from Individuals:**

Disallow the take of black abalone for conservation.

Table 5. Proposed uses for Big Flat SMCA.

Big Flat SMCA			
Category of Species	Species	Gear Type	
eels	Pacific lamprey	spear, bow and arrow	
	cabezon	string of throw lines/hooks	
groundfish	lingcod	hook and line	
	rockfish	hook and line	

<sup>&</sup>lt;sup>33</sup> Shells that are used on cultural items separate from food uses but are historically as important: red abalone, dentilium, Washington clam, *Olivella*.

Big Flat SMCA		
Category of Species	Species Gear Type	
	sculpin	hook and line
pelagic finfish	Pacific herring	dip net, cast net
salmon <sup>34</sup>	as listed	hook and line, gill net, gig, gaff
200.24	eulachon	dip net, beach net
smelt	surf smelt and night smelt	dip net, cast net
sea trout		string of throw lines/hooks
stickleback	stickleback fish	hook and line
surfperch		cast net
	acorn barnacle	hand or hand appliances
barnacles	gooseneck barnacle	hand or hand appliances
	stalked barnacle	hand or hand appliances
	gumboot (China slipper)	hand harvest
chitons	mossy chiton	hand harvest
	woody chiton	hand harvest
	California mussel	hand or hand appliances
	oyster	hand or hand appliances
clams, mussels, and other	rock scallop	hand or hand appliances
bivalves	clams	hand or hand appliances
	jackknife clam	hand or hand appliances
	cockle	hand or hand appliances
other crabs <sup>35</sup>	purple shore crab	bait/line and cloth bag
	shield limpet	hand harvest
limpets	slipper limpet	hand harvest
	other limpet	hand harvest
	squid	spear, bow and arrow
octopus and squid	Pacific red octopus	hand or hand appliances (sharp stick)
	two spot octopus	hand or hand appliances (sharp stick)

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 $<sup>^{\</sup>rm 34}$  Salmon include Chinook, Coho, steelhead/rainbow trout, cutthroat trout, and other salmon.

 $<sup>^{\</sup>rm 35}$  Crabs include yellow, rock, slender, red, and purple shore crabs.

Big Flat SMCA		
Category of Species	Species	Gear Type
	giant Pacific octopus	hand or hand appliances (sharp stick)
othor invertebrates	giant green sea anemone	dive knife, bar
other invertebrates	other anemones	dive knife, bar
shrimp	bay ghost shrimp	cloth bag
	black turban	hand harvest
	brown turban	hand harvest
	checkered periwinkle	hand harvest
snails and abalone	Olivella	hand harvest
	periwinkle	hand harvest
	red abalone	hand harvest
	black abalone	hand harvest
	purple sea urchin	dive knife, bar
urchin	red sea urchin	dive knife, bar
	bull kelp	hand harvest
and the second second	giant kelp	hand harvest
seaweed and plants	sea palm	hand harvest, knife
	seaweeds	hand harvest
seabirds	eggs	hand harvest
feathers <sup>36</sup>	as listed	hand harvest
	sea lions	harpoon, spear, tow lines
mammals	seals	harpoon, spear, tow lines
	whales	harpoon, spear, tow lines
	driftwood	hand harvest
	pebbles	hand harvest
geological resources	seasalt	hand harvest
	shells <sup>37</sup>	hand harvest

<sup>&</sup>lt;sup>36</sup> Feathers include feathers from Great Blue Heron, duck, osprey, eagle, Brown Pelican, gulls and other shorebirds.

<sup>&</sup>lt;sup>37</sup> Shells that are used on cultural items separate from food uses but are historically as important: red abalone, dentilium, Washington clam, *Olivella*.

#### Big Flat SMCA

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

"Ask Blue Ribbon Task Force for clarification. The narrative explanation for this SMCA states that "[t]he intent is to prohibit all extraction except tribal uses." The proposed take regulations do not reflect the intent. Obtain clarification from RSG regarding this apparent contradiction."

## **Comments by Individuals:**

This MPA overlaps traditional tribal gathering and spiritual sites.

Co-management with tribes is requested for Big Flat SMCA.

## Table 6. Comments on Petrolia Lighthouse SMR, Mattole Canyon SMR, and South Cape Mendocino SMR

## Petrolia Lighthouse SMR

#### **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### Comments from Individuals:

Tribal gathering activity in this area is minimal but the proposed MPA overlaps with a tribal spiritual site. Co-management by tribes was suggested for Petrolia Lighthouse SMR.

## **Mattole Canyon SMR**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Individuals:**

This MPA overlaps traditional tribal gathering and spiritual sites. Mattole Canyon is a location where, historically, members of the tribe used ocean canoes to fish for pelagic species. Currently this practice does not occur, but it is being reviewed and the tribe may want to engage in this activity in the future. Co-management by tribes was suggested for Mattole Canyon SMR.

## **South Cape Mendocino SMR**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Individuals:**

Tribal gathering activity in this area is minimal but the proposed MPA overlaps with a tribal spiritual site. Co-management by tribes was suggested for South Cape Mendocino SMR.

## Table 7. Proposed uses for South Humboldt Bay SMRMA and North Humboldt Bay SMRMA.

South Humboldt Bay SMRMA/ North Humboldt Bay SMRMA		
Category of Species Species Gear Type		
	white sturgeon	hook and line, sturgeon trap
groundfish	green sturgeon	hook and line, sturgeon trap

South Humboldt Bay SMRMA/ North Humboldt Bay SMRMA		
Category of Species	Species	Gear Type
salmon <sup>38</sup>	as listed	weirs, net, spear
pelagic finfish	blue shark	hook and line, spear, harpoon
sharks, rays, and skates	leopard shark	hook and line, spear, harpoon
	Pacific and fat gaper clam	hand or hand appliances
clams, mussels, and other bivalves	butter or smooth Washington clams	hand or hand appliances
	quohog	hand or hand appliances
	Blue Heron feathers	hand harvest
	duck feathers	hand harvest
	osprey feathers	hand harvest
feathers	eagle feathers	hand harvest
	California Condor <sup>39</sup>	hand harvest
	mud hen feathers	hand harvest
geological resources	driftwood	hand harvest

## **South Humboldt Bay SMRMA**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Councils:**

This MPA is the least desirable and will have the greatest impact on contemporary tribal subsistence gathering. This MPA is not supported.

## **Comments from Individuals:**

This MPA is directly adjacent to tribal land and would have a large impact on subsistence gathering. This area is traditionally managed regionally with individual families having different territories within the Bay. Placement of an MPA in South Humboldt Bay will result in impacts to these individual families. Co-management by tribes was suggested for this MPA.

<sup>&</sup>lt;sup>38</sup> Salmon include Chinook, Coho, steelhead, and other salmon.

<sup>&</sup>lt;sup>39</sup> High importance for regalia

## North Humboldt Bay SMRMA

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

Of the two SMRMAs proposed in Humboldt Bay, this MPA is more desirable and will have the least impact to modern tribal gathering.

## **Comments from Individuals:**

Co-management by tribes was suggested for this MPA.

Table 8. Proposed uses for Samoa SMCA.

Samoa SMCA		
Category of Species	Species	Gear Type
coastal pelagic species <sup>40</sup>	as listed	dip net, throw net
eels	Pacific lamprey	hook, two pronged spear, basket eel trap
	California halibut	hook and line, net
flotfich	flounder (starry)	hook and line, net
flatfish	Pacific halibut	hook and line, net
	sand sole	hook and line, net
	cabezon	spear, hook and line, toggle harpoon, net
	green sturgeon	hook and line, sturgeon trap, spear, toggle harpoon, net
	kelp greenling	spear, hook and line, toggle harpoon, net
groundfish	lingcod	spear, hook and line, toggle harpoon, net
	rock greenling	spear, hook and line, toggle harpoon, net
	rockfish	spear, hook and line, toggle harpoon, net
	white sturgeon	hook and line, sturgeon trap, spear, toggle harpoon, net
pelagic finfish <sup>41</sup>	as listed	hook and line, harpoon, spear

<sup>&</sup>lt;sup>40</sup> Coastal pelagic species include northern anchovy, Pacific sardine, Pacific mackerel, and jack mackerel.

<sup>&</sup>lt;sup>41</sup> Pelagic finfish include barracudas, billfishes, dolphinfish, Pacific herring, blue shark, salmon shark, shortfin mako shark, thresher sharks, swordfish, tunas, and yellowtail.

Samoa SMCA		
Category of Species	Species	Gear Type
salmon <sup>42</sup>	as listed	spear, toggle harpoon, net, weirs
shark <sup>43</sup>	as listed	Spear, harpoon, hook and line
o ma a la	eulachon	dip net, throw net
smelt	surf and night smelt	dip net, throw net
ou wfn o vole	other surfperch including shiner surfperch	hook and line from shore, dip net, throw net
surfperch	redtail surfperch	hook and line from shore, dip net, throw net
former t	Pacific sanddab	hook and line, net
turbot	sand sole	hook and line, net
clams, mussels, and other	butter or smooth Washington clams	hand or hand appliances
bivalves	Pacific razor clam	hand or hand appliances
crab	Dungeness crab	trap, hoop net
	heart cockle	hand or hand appliances
other clams	Nuttall's cockle	hand or hand appliances
	Pacific littleneck clam	hand or hand appliances
snails and abalone	Olivella <sup>44</sup>	hand or hand appliances
	Blue Heron	hand harvest
	California Condor <sup>45</sup>	hand harvest
to a the area	cormorants	hand harvest
feathers	duck	hand harvest
	eagle	hand harvest
	osprey	hand harvest
	pebbles <sup>46</sup>	hand harvest
geological resources	shells <sup>47</sup>	hand harvest

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<sup>&</sup>lt;sup>42</sup> Salmon include Chinook, Coho, steelhead, and other salmon.

<sup>&</sup>lt;sup>43</sup> Sharks include leopard shark, California skate, big skate, bat ray, and spiny dogfish.

<sup>&</sup>lt;sup>44</sup> High importance for regalia

<sup>&</sup>lt;sup>45</sup> High importance for regalia

<sup>&</sup>lt;sup>46</sup> Franciscan chert used as tool stone

Samoa SMCA			
Category of Species	Species	Gear Type	
mammals	California sea lion <sup>48</sup>	toggle harpoon, spear	
	Stellar sea lion <sup>49</sup>	toggle harpoon, spear	
	grey whale <sup>50</sup>	hand or hand appliances	

## Samoa SMCA

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Councils:**

The placement of an MPA in this area would be a great impact on contemporary tribal subsistence gathering.

Gathering of shells is becoming more important as the interest, from youth, in traditional dance and regalia expand.

## Table 9. Proposed uses for False Klamath Cove SMCA (also known as Wilson Rock SMCA).

## False Klamath Cove SMCA (Wilson Rock SMCA)

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

#### **Comments from Individuals:**

Co-management was proposed for this MPA; in particular, self monitoring of tribal community members was a method that was suggested.

Table 10. Proposed uses for Pyramid Point SMCA.

Pyramid Point SMCA			
Category of Species	Species	Gear Type	
finfish	all	dip net, beach net, hook and line from shore hook and line from shore	
invertebrates	all	hand harvest	
clams, mussels, and other bivalves	all	hand harvest	

<sup>&</sup>lt;sup>47</sup> Including *Olivella* and small clams (Nuttall's cockle); collecting of shells important because younger generation is starting to practice traditions.

<sup>&</sup>lt;sup>48</sup> Historical use, tusks used for medical and ceremonial regalia

<sup>&</sup>lt;sup>49</sup> Historical use, tusks used for medical and ceremonial regalia

<sup>&</sup>lt;sup>50</sup> Historical use, scavenged when washed up on beach

Pyramid Point SMCA				
Category of Species	Species	Gear Type		
other invertebrates	giant green sea anemone	hand harvest		
urchin	all	hand harvest		
marine aquatic plants	all	hand harvest		
geological resources	driftwood	no gear type specified		
geological resources	shells	hand harvest		

## **Pyramid Point SMCA**

## **General Comments:**

This MPA overlaps with an area of traditional tribal gathering.

## **Comments from Individuals:**

The take of geological resources should be allowed within the conservation area.