

Council, in coordination with NMFS, will continue to develop and refine estimates or proxies of MSY for these species when sufficient data are available. The establishment of MSY proxies is consistent with regulations regarding MSA National Standard 1 which states that “When data are insufficient to estimate MSY directly, Councils should adopt other measures of productive capacity that can serve as reasonable proxies of MSY to the extent possible” (50 CFR 600.310). Future management measures that would directly affect the harvest of any MUS contained in this FEP will be subject to the requirements of the MSA and other applicable laws.

Table 1: PRIA Bottomfish Management Unit Species

Scientific Name	English Common Name
<i>Aphareus rutilans</i>	silver jaw jobfish
<i>Caranx ignobilis</i>	giant trevally
<i>C. lugubris</i>	black jack
<i>Epinephelus fasciatus</i>	blacktip grouper
<i>E. quernus</i>	sea bass
<i>Etelis carbunculus</i>	red snapper
<i>E. coruscans</i>	longtail snapper
<i>Lethrinus rubrioperculatus</i>	redgill emperor
<i>Pristipomoides auricilla</i>	yellowtail snapper
<i>P. filamentosus</i>	pink snapper
<i>P. seiboldii</i>	pink snapper
<i>Variola louti</i>	lunartail grouper

Table 2: PRIA Crustacean Management Unit Species

Scientific Name	English Common Name
<i>Panulirus penicillatus</i>	spiny lobster
Family Scyllaridae	slipper lobster
<i>Ranina ranina</i>	Kona crab
<i>Heterocarpus</i> spp.	deepwater shrimp

Table 3: PRIA Precious Corals Management Unit Species

Scientific Name	English Common Name
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<i>Corallium secundum</i>	pink coral (also called red coral)
<i>Corallium regale</i>	pink coral (also called red coral)
<i>Corallium laauense</i>	pink coral (also called red coral)
<i>Gerardia</i> spp.	gold coral
<i>Narella</i> spp.	gold coral
<i>Lepidisis olapa</i>	bamboo coral
<i>Antipathes dichotoma</i>	black coral
<i>Antipathes grandis</i>	black coral
<i>Antipathes ulex</i>	black coral

Table 4: PRIA Coral Reef Ecosystem Management Unit Species, Currently Harvested Coral Reef Taxa

Family Name	Scientific Name	English Common Name
Acanthuridae (Surgeonfishes)	<i>Acanthurus olivaceus</i>	orange-spot surgeonfish
	<i>Acanthurus xanthopterus</i>	yellowfin surgeonfish
	<i>Acanthurus triostegus</i>	convict tang
	<i>Acanthurus dussumieri</i>	eye-striped surgeonfish
	<i>Acanthurus nigroris</i>	blue-lined surgeon
	<i>Acanthurus leucopareius</i>	whitebar surgeonfish
	<i>Acanthurus lineatus</i>	blue-banded surgeonfish
	<i>Acanthurus nigricauda</i>	blackstreak surgeonfish
	<i>Acanthurus nigricans</i>	whitecheek surgeonfish
	<i>Acanthurus guttatus</i>	white-spotted surgeonfish
	<i>Acanthurus blochii</i>	ringtail surgeonfish
	<i>Acanthurus nigrofuscus</i>	brown surgeonfish
	<i>Ctenochaetus strigosus</i>	yellow-eyed surgeonfish

Family Name	Scientific Name	English Common Name
	<i>Ctenochaetus striatus</i>	striped bristletooth
	<i>Ctenochaetus binotatus</i>	twospot bristletooth
	<i>Zebrasoma flavescens</i>	yellow tang
	<i>Naso unicornus</i>	bluespine unicornfish
	<i>Naso lituratus</i>	orangespine unicornfish
	<i>Naso hexacanthus</i>	black tongue unicornfish
	<i>Naso vlamingii</i>	bignose unicornfish
	<i>Naso annulatus</i>	whitemargin unicornfish
	<i>Naso brevirostris</i>	spotted unicornfish
Labridae (Wrasses)	<i>Cheilinus undulatus</i>	Napoleon wrasse
	<i>Cheilinus trilobatus</i>	triple-tail wrasse
	<i>Cheilinus chlorourus</i>	floral wrasse
	<i>Oxycheilinus unifasciatus</i>	ring-tailed wrasse
	<i>Oxycheilinus diagrammus</i>	bandcheek wrasse
	<i>Hemigymnus fasciatus</i>	barred thicklip
	<i>Halichoeres trimaculatus</i>	three-spot wrasse
	<i>Thalassoma quinquevittatum</i>	red ribbon wrasse
	<i>Thalassoma lutescens</i>	sunset wrasse
Mullidae (Goatfishes)	<i>Mulloidichthys</i> spp.	yellow goatfish
	<i>Mulloidichthys pfluegeri</i>	orange goatfish
	<i>Mulloidichthys flavolineatus</i>	yellowstripe goatfish
	<i>Parupeneus</i> spp.	banded goatfish
Mullidae (Goatfishes)	<i>Parupeneus barberinus</i>	dash-dot goatfish
	<i>Parupeneus cyclostomas</i>	yellowsaddle goatfish
	<i>Parupeneus multifaciatus</i>	multi-barred goatfish
	<i>Upeneus arge</i>	bantail goatfish
Mugilidae (Mulletts)	<i>Crenimugil crenilabis</i>	fringelip mullet
	<i>Moolgarda engeli</i>	Engel's mullet
	<i>Neomyxus leuciscus</i>	false mullet

Family Name	Scientific Name	English Common Name
Muraenidae (Moray eels)	<i>Gymnothorax flavimarginatus</i>	yellowmargin moray eel
	<i>Gymnothorax javanicus</i>	giant moray eel
	<i>Gymnothorax undulatus</i>	undulated moray eel
Octopodidae	<i>Octopus cyanea</i>	octopus
	<i>Octopus ornatus</i>	octopus
Prichthodidae (Bigeye)	<i>Heteropriacanthus cruentatus</i>	glasseye
Scaridae (Parrotfishes)	<i>Bolbometopon muricatum</i>	humphead parrotfish
	<i>Scarus</i> spp.	parrotfish
	<i>Hipposcarus longiceps</i>	pacific longnose parrotfish
	<i>Calotomus carolinus</i>	stareye parrotfish
Scombridae	<i>Gymnosarda unicolor</i>	dogtooth tuna
Sphyraenidae (Barracuda)	<i>Sphyraena barracuda</i>	great barracuda

Table 5: PRIA Coral Reef Ecosystem Management Unit Species, Potentially Harvested Coral Reef Taxa

Scientific Name	English Common Name
Labridae	wrasses (Those species not listed as CHCRT)
Carcharhinidae Sphyrnidae	sharks (Those species not listed as CHCRT)
Myliobatidae Mobulidae	rays and skates
Serranidae	groupers (Those species not listed as CHCRT or as BMUS)
Carangidae	jacks and scads (Those species not listed as CHCRT or as BMUS)
Holocentridae	solderfishes and squirrelfishes,(Those species not listed as CHCRT)

Scientific Name	English Common Name
Mullidae	goatfishes,(Those species not listed as CHCRT)
Ephippidae	batfishes
Haemulidae	sweetlips
Echeneidae	remoras
Malacanthidae	tilefishes
Pseudochromidae	dottybacks
Plesiopidae	prettyfins
Acanthuridae	surgeonfishes (Those species not listed as CHCRT)
Lethrinidae	emperors (Those species not listed as CHCRT or as BMUS)
Clupeidae	herrings
Gobiidae	gobies
Lutjanidae	snappers (Those species not listed as CHCRT or as BMUS)
Balistidae	trigger fishes (Those species not listed as CHCRT)
Siganidae	rabbitfishes (Those species not listed as CHCRT)
Muraenidae Chlopsidae Congridae Ophichthidae	eels (Those species not listed as CHCRT)
Apogonidae	cardinalfishes
Zanclidae	moorish idols
Chaetodontidae	butterfly fishes
Pomacanthidae	angelfishes
Pomacentridae	damsel fishes
Scorpaenidae	scorpionfishes
Blenniidae	blennies
Sphyraenidae	barracudas (Those species not listed as CHCRT)
Pinguipedidae	sandperches
Kyphosidae	rudderfishes (Those species not listed as CHCRT)
Caesionidae	fusiliers

Scientific Name	English Common Name
Cirrhitidae	hawkfishes (Those species not listed as CHCRT)
Antennariidae	frogfishes
Syngnathidae	pipefishes and seahorses
Bothidae	flounders and soles
Ostraciidae	trunkfishes
Tetradontidae	puffer fishes and porcupine fishes
<i>Aulostomus chinensis</i>	trumpetfish
<i>Fistularia commersoni</i>	cornetfish
Heliopora	blue corals
Tubipora	organpipe corals
Azooxanthellates	ahermatypic corals
Fungiidae	mushroom corals
	small and large coral polyps
Millepora	fire corals
	soft corals and gorgonians
Actinaria	anemones
Zoanthinaria	soft zoanthid corals
Hydrozoans and Bryzoans	
Tunicates	sea squirts
Echinoderms	sea cucumbers and sea urchins
Mollusca	Those species not listed as CHCRT
Gastropoda	sea snails
<i>Trochus</i> spp.	
Opisthobranchs	sea slugs
<i>Pinctada margaritifera</i>	black lipped pearl oyster

Scientific Name	English Common Name
Tridacnidae	giant clam
Other Bivalves	other clams
Cephalopods	
Crustaceans	lobsters, shrimps/mantis shrimps, true crabs and hermit crabs (Those species not listed as CMUS)
Porifera	sponges
Stylasteridae	lace corals
Solanderidae	hydroid corals
Annelids	segmented worms
Algae	seaweed
Live rock	
All other coral reef ecosystem management unit species that are marine plants, invertebrates, and fishes that are not listed in the preceding tables or are not bottomfish management unit species, crustacean management unit species, Pacific pelagic management unit species, precious coral or seamount groundfish.	

1.7 Regional Coordination

In the Western Pacific Region, the management of ocean and coastal activities is conducted by a number of agencies and organizations at the federal, state, county, and even village levels. These groups administer programs and initiatives that address often overlapping and sometimes conflicting ocean and coastal issues.

To be successful, ecosystem approaches to management must be designed to foster intra- and interagency cooperation and communication (Schrope 2002). Increased coordination with state and local governments and community involvement will be especially important to the improved management of near-shore resources that are heavily used. To increase collaboration with domestic and international management bodies, as well as other governmental and non-governmental organizations, communities, and the public, the Council has adopted the multi-level approach described below.

1.7.1 Council Panels and Committees

FEP Advisory Panel

The FEP Advisory Panel advises the Council on fishery management issues, provides input to the Council regarding fishery management planning efforts, and advises the Council on the content and likely effects of management plans, amendments, and management measures.