

that reason are included in this FEP. Permits, data collection measures (e.g., vessel registration, reporting, etc.) and gear and harvest restrictions established under the existing FMPs will be continued under this FEP. Including these species as MUS in the FEP is consistent with MSA National Standard 3 which states at 50 CFR 600.320 that “To the extent practicable, an individual stock of fish shall be managed as a stock throughout its range, and interrelated stocks of fish shall be managed as a unit or in close coordination.” 50 CFR 600.320 goes on to say that “A management unit may contain, in addition to regulated species, stocks of fish for which there is not enough information available to specify MSY and optimum yield (OY) or to establish management measures, so that data on these species may be collected under the FMP”. Under the adaptive approach that utilizes the best available scientific information, the 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 50 CFR 600.310 text 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.” 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: Hawaii Archipelago Bottomfish Management Unit Species**

Scientific Name	English Common Name	Local Name
<i>*Aphareus rutilans</i>	silver jaw jobfish	lehi
<i>*Aprion virescens</i>	gray jobfish	uku
<i>*Caranx ignobilis</i>	giant trevally	white papio/ulua au kea
<i>*C. lugubris</i>	black jack	ulua la‘uli
<i>*E. quernus</i>	sea bass	hāpu‘upu‘u
<i>*Etelis carbunculus</i>	red snapper	ehu
<i>*E. coruscans</i>	longtail snapper	onaga or ‘ula‘ula koa‘e
<i>*Lutjanus kasmira</i>	blue stripe snapper	ta‘ape
<i>*Pristipomoides auricilla</i>	yellowtail snapper	kalekale
<i>*P. filamentosus</i>	pink snapper	‘ōpakapaka
<i>*P. seiboldii</i>	pink snapper	kalekale
<i>*P. zonatus</i>	snapper	gindai

Scientific Name	English Common Name	Local Name
* <i>Pseudocaranx dentex</i>	thicklip trevally	pig ulua, butaguchi
* <i>Seriola dumerili</i>	amberjack	kahala
<b>Seamount Groundfish</b>		
<i>Hyperoglyphe japonica</i>	raftfish	NA
* <i>Beryx splendens</i>	alfonsin	NA
* <i>Pseudopentaceros wheeleri</i>	armorhead	NA

\* Indicates a species for which there is an estimated MSY value.

**Table 2: Hawaii Archipelago Crustaceans Management Unit Species**

Scientific Name	English Common Name	Local Name
* <i>Panulirus marginatus</i>	spiny lobster	ula
* <i>Panulirus penicillatus</i>	spiny lobster	ula
Family Scyllaridae	slipper lobster	ula papapa
<i>Ranina ranina</i>	Kona crab	papa'i kua loa
* <i>Heterocarpus</i> spp.	deepwater shrimp	NA

\* Indicates a species for which there is an estimated MSY value.

**Table 3: Hawaii Archipelago Precious Corals Management Unit Species**

Scientific Name	English Common Name	Local Name
* <i>Corallium secundum</i>	pink coral (also called red coral)	NA
* <i>Corallium regale</i>	pink coral (also called red coral)	NA
* <i>Corallium laauense</i>	pink coral (also called red coral)	NA
* <i>Gerardia</i> spp.	gold coral	NA
* <i>Narella</i> spp.	gold coral	NA
* <i>Lepidisis olapa</i>	bamboo coral	NA

<i>*Antipathes dichotoma</i>	black coral	NA
<i>*Antipathes grandis</i>	black coral	NA
<i>*Antipathes ulex</i>	black coral	NA

**Table 4: Hawaii Archipelago Coral Reef Ecosystem Management Units Species, Currently Harvested Coral Reef Taxa**

Family Name	Scientific Name	English Common Name	Local Name
Acanthuridae (Surgeonfishes)	<i>Acanthurus olivaceus</i>	orange-spot surgeonfish	na‘ena‘e
	<i>Acanthurus xanthopterus</i>	yellowfin surgeonfish	pualu
	<i>Acanthurus triostegus</i>	convict tang	manini
	<i>Acanthurus dussumieri</i>	eye-striped surgeonfish	palani
	<i>Acanthurus nigroris</i>	blue-lined surgeon	maiko
	<i>Acanthurus leucopareius</i>	whitebar surgeonfish	maiko or maikoiko
	<i>Acanthurus nigricans</i>	whitecheek surgeonfish	NA
	<i>Acanthurus guttatus</i>	white-spotted surgeonfish	‘api
	<i>Acanthurus blochii</i>	ringtail surgeonfish	Pualu
	<i>Acanthurus nigrofusus</i>	brown surgeonfish	mai‘i‘i
	<i>Ctenochaetus strigosus</i>	yellow-eyed surgeonfish	kole
	<i>Ctenochaetus striatus</i>	striped bristletooth	NA

Family Name	Scientific Name	English Common Name	Local Name
Acanthuridae (Surgeonfishes)	<i>Naso unicornus</i>	bluespine unicornfish	kala
	<i>Naso lituratus</i>	orangespine unicornfish	kalalei or umaumalei
	<i>Naso hexacanthus</i>	black tongue unicornfish	kala holo
	<i>Naso annulatus</i>	whitemargin unicornfish	kala
	<i>Naso brevirostris</i>	spotted unicornfish	kala lolo
	<i>Naso caesius</i>	gray unicornfish	NA
	<i>Zebrasoma flavescens</i>	yellow tang	lau‘ipala
Balistidae (Triggerfish)	<i>Melichthys vidua</i>	pinktail triggerfish	humuhumu hi‘ukole
	<i>Melichthys niger</i>	black triggerfish	humuhumu ‘ele‘ele
	<i>Rhinecanthus aculeatus</i>	picassofish	humuhumu nukunuku apua‘a
	<i>Sufflamen fraenatum</i>	bridled triggerfish	NA
Carangidae (Jacks)	<i>Selar crumenophthalmus</i>	bigeye scad	akule or hahalu
	<i>Decapterus macarellus</i>	mackerel scad	‘opelu or ‘opelu mama
Carcharhinidae (Sharks)	<i>Carcharhinus amblyrhynchos</i>	grey reef shark	manō
	<i>Carcharhinus galapagensis</i>	galapagos shark	manō
	<i>Carcharhinus melanopterus</i>	blacktip reef shark	manō
	<i>Triaenodon obesus</i>	whitetip reef shark	manō lalakea

Family Name	Scientific Name	English Common Name	Local Name
Holocentridae (Soldierfish/ Squirrelfish)	<i>Myripristis berndti</i>	bigscale soldierfish	menpachi or 'u'u
	<i>Myripristis amaena</i>	brick soldierfish	menpachi or 'u'u
	<i>Myripristis chryseres</i>	yellowfin soldierfish	menpachi or 'u'u
	<i>Myripristis kuntee</i>	pearly soldierfish	menpachi or 'u'u
	<i>Sargocentron microstoma</i>	file-lined squirrelfish	'ala'ihī
	<i>Sargocentron diadema</i>	crown squirrelfish	'ala'ihī
	<i>Sargocentron punctatissimum</i>	peppered squirrelfish	'ala'ihī
	<i>Sargocentron tiera</i>	blue-lined squirrelfish	'ala'ihī
	<i>Sargocentron xantherythrum</i>	hawaiian squirrelfish	'ala'ihī
	<i>Sargocentron spiniferum</i>	saber or long jaw squirrelfish	'ala'ihī
	<i>Neoniphon</i> spp.	spotfin squirrelfish	'ala'ihī
Kuhliidae (Flagtails)	<i>Kuhlia sandvicensis</i>	Hawaiian flag-tail	'aholehole
Kyphosidae (Rudderfish)	<i>Kyphosus biggibus</i>	rudderfish	nenuē
	<i>Kyphosus cinerascens</i>	rudderfish	nenuē
	<i>Kyphosus vaigiensis</i>	rudderfish	nenuē
Labridae (Wrasses)	<i>Bodianus bilunulatus</i>	saddleback hogfish	'a'awa
	<i>Oxycheilinus unifasciatus</i>	ring-tailed wrasse	po'ou
	<i>Xyrichtys pavo</i>	razor wrasse	laenihi or nabeta

Family Name	Scientific Name	English Common Name	Local Name
	<i>Cheilio inermis</i>	cigar wrasse	kupoupou
	<i>Thalassoma purpureum</i>	surge wrasse	ho‘u
	<i>Thalassoma quinquevittatum</i>	red ribbon wrasse	NA
	<i>Thalassoma lutescens</i>	sunset wrasse	NA
	<i>Novaculichthys taeniourus</i>	rockmover wrasse	NA
Mullidae (Goatfishes)	<i>Mulloidichthys</i> spp.	yellow goatfish	weke
	<i>Mulloidichthys pfluegeri</i>	orange goatfish	weke nono
	<i>Mulloidichthys vanicolensis</i>	yellowfin goatfish	weke‘ula
	<i>Mulloidichthys flavolineatus</i>	yellowstripe goatfish	weke‘a or weke a‘a
	<i>Parupeneus</i> spp.	banded goatfish	kumu or moano
	<i>Parupeneus bifasciatus</i>	doublebar goatfish	munu
	<i>Parupeneus cyclostomas</i>	yellow saddle goatfish	moano kea or moano kale
	<i>Parupeneus pleurostigma</i>	side-spot goatfish	malu
	<i>Parupeneus multifasciatus</i>	multi-barred goatfish	moano
	<i>Upeneus arge</i>	bandtail goatfish	weke pueo
Mugilidae (Mulletts)	<i>Mugil cephalus</i>	stripped mullet	‘ama‘ama
	<i>Neomyxus leuciscus</i>	false mullet	uouoa

Family Name	Scientific Name	English Common Name	Local Name
Muraenidae (Moray eels)	<i>Gymnothorax flavimarginatus</i>	yellowmargin moray eel	puhi paka
	<i>Gymnothorax javanicus</i>	giant moray eel	puhi
	<i>Gymnothorax undulatus</i>	undulated moray eel	puhi laumilo
	<i>Enchelycore pardalis</i>	dragon eel	puhi
Octopodidae (Octopus)	<i>Octopus cyanea</i>	octopus	he'e mauili or tako
	<i>Octopus ornatus</i>	octopus	he'e or tako
Polynemidae	<i>Polydactylus sexfilis</i>	threadfin	moi
Priacanthidae (Big-eyes)	<i>Heteropriacanthus cruentatus</i>	glasseye	'aweoweo
	<i>Priacanthus hamrur</i>	bigeye	'aweoweo
Scaridae (Parrotfish)	<i>Scarus</i> spp.	parrotfish	uhu or palukaluka
	<i>Calotomus carolinus</i>	stareye parrotfish	panuhunu
Sphyraenidae (Barracuda)	<i>Sphyraena helleri</i>	Heller's barracuda	kawe'e'a or kaku
	<i>Sphyraena barracuda</i>	great barracuda	kaku
Turbinidae	<i>Turbo</i> spp.	green snails turban shells	NA
Zanclidae	<i>Zanclus cornutus</i>	moorish idol	kihikihi
Chaetodontidae	<i>Chaetodon auriga</i>	butterflyfish	kikakapu
	<i>Chaetodon lunula</i>	raccoon butterflyfish	kikakapu
	<i>Chaetodon ephippium</i>	saddleback butterflyfish	kikakapu

<b>Family Name</b>	<b>Scientific Name</b>	<b>English Common Name</b>	<b>Local Name</b>
Sabellidae		featherduster worm	NA

**Table 5: Hawaii Archipelago Coral Reef Ecosystem Management Unit Species, Potentially Harvested Coral Reef Taxa**

<b>Scientific Name</b>	<b>English Common Name</b>	<b>Local Name</b>
Labridae	wrasses (Those species not listed as CHCRT)	hinalea
Carcharhinidae Sphyrnidae	sharks (Those species not listed as CHCRT)	manō
Dasyatidae Myliobatidae	rays and skates	hihimanu
Serranidae	groupers, seabass (Those species not listed as CHCRT or in BMUS)	roi, hapu‘upu‘u
Malacanthidae	tilefishes	NA
Carangidae	jacks and scads (Those species not listed as CHCRT or in BMUS)	dobe, kagami, pa‘opa‘o, papa, omaka, ulua,
Holocentridae	solderfishes and squirrelfishes (Those species not listed as CHCRT)	‘u‘u
Mullidae	goatfishes (Those species not listed as CHCRT)	weke, moano, kumu
Acanthuridae	surgeonfishes (Those species not listed as CHCRT)	na‘ena‘e, maikoiko



<b>Scientific Name</b>	<b>English Common Name</b>	<b>Local Name</b>
Echeneidae	remoras	NA
Muraenidae Congridae Ophichthidae	eels (Those species not listed as CHCRT)	puhi
Apogonidae	cardinalfishes	‘upapalu
Clupeidae	herrings	NA
Engraulidae	anchovies	nehu
Caracanthidae	coral crouchers	NA
Gobiidae	gobies	‘o‘opu
Lutjanidae	snappers (Those species not listed as CHCRT or in BMUS)	to‘au
Aulostomus chinensis	trumpetfish	nunu
Fistularia commersoni	cornetfish	nunu peke
Zanclidae	moorish Idols	kihikihi
Chaetodontidae	butterflyfishes	kikakapu
Pomacanthidae	angelfishes	NA
Pomacentridae	damsel fishes	mamo
Scorpaenidae	scorpionfishes, lionfishes	nohu, okoze
Blenniidae	blennies	pa o‘o
Sphyraenidae	barracudas (Those species not listed as CHCRT)	kaku
Pinguipedidae	sandperches	NA
Bothidae Soleidae Pleuronectidae	flounders and soles	paki‘i
Ostraciidae	trunkfishes	makukana
Balistidae	trigger fishes (Those species not listed as CHCRT)	humu humu

Scientific Name	English Common Name	Local Name
Kyphosidae	rudderfishes (Those species not listed as CHCRT)	nenu
Cirrhitidae	hawkfishes (Those species not listed as CHCRT)	po'opa'a
Tetradontidae	puffer fishes and porcupine fishes	'o'opu hue or fugu
Antennariidae	frogfishes	NA
Syngnathidae	pipefishes and seahorses	NA
Echinoderms	sea cucumbers and sea urchins	namako, lole, wana
Mollusca	(Those species not listed as CHCRT)	NA
Azooxanthellates	ahermatypic corals	ko'a
Fungiidae	mushroom corals	ko'a
	small and large coral polyps	ko'a
	soft corals and gorgonians	NA
Actinaria	anemones	NA
Zoanthinaria	soft zoanthid corals	NA
Solanderidae	hydroid corals	NA
Stylasteridae	lace corals	ko'a
Crustaceans	lobsters, shrimps, mantis shrimps, true crabs and hermit crabs (Those species not listed as CMUS)	ula, a'ama, mo'ala, 'alakuma
Hydrozoans and Bryzoans		NA
<i>Pinctada margaritifera</i>	black lipped pearl oyster	NA
Other Bivalves	other clams	NA
Tunicates	sea squirts	NA
Porifera	sponges	NA

<b>Scientific Name</b>	<b>English Common Name</b>	<b>Local Name</b>
Cephalopods	octopi	tako, he'e
Gastropoda	sea snails	NA
Opisthobranchs	sea slugs	NA
Algae	seaweed	limu
Live rock		NA
Annelids	segmented worms (Those species not listed as CHCRT)	NA
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.

The place-based structure of the Advisory Panel and its sub-panels supports the Council's objective of management based on geographically-based ecosystems with the substantive participation of local communities in the management and conservation process.

The Advisory Panel consists of four sub-panels. In general, each Advisory Sub-panel includes two representatives from the area's commercial, recreational, and subsistence fisheries, as well