

Tables 1–5 list those current bottomfish and seamount MUS, crustacean MUS, precious coral MUS, and coral reef ecosystem MUS that are known to be present within the boundary of the American Samoa Archipelago FEP and are thus managed under this plan.

Those species for which maximum sustainable yields (MSYs) have been estimated are indicated with an asterisk and their MSY values can be found in Sections 4.2.2 (bottomfish MUS), 4.3.2 (crustacean MUS), 4.4.2 (precious coral MUS) and 4.5.2 (coral reef ecosystem MUS). Some of the species included in the MUS tables are not subject to significant fishing pressure and there are no estimates of maximum sustainable yields (MSY), minimum stock size thresholds (MSST, the level of biomass below which a stock or stock complex is considered overfished), or maximum fishing mortality thresholds (MFMT, the level of fishing mortality, on an annual basis, above which overfishing is occurring) available for these species at this time. However, these species are important components of the ecosystem and for that reason are included in this FEP. Permitting and data collection measures 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 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: American Samoa Archipelago Bottomfish Management Unit Species

Scientific Name	English Common Name	Samoan Name
<i>Aphareus rutilans</i> *	red snapper/silvermouth	palu-gutusaliva
<i>Aprion virescens</i> *	gray snapper/jobfish	asoama
<i>Caranx ignobilis</i> *	giant trevally/jack	sapoanae
<i>C. lugubris</i> *	black trevally/jack	tafauli
<i>Epinephelus fasciatus</i> *	blacktip grouper	fausi
<i>Variola louti</i> *	lunartail grouper	papa, velo
<i>Etelis carbunculus</i> *	red snapper	palu malau

Scientific Name	English Common Name	Samoa Name
<i>E. coruscans</i> *	red snapper	palu-loa
<i>Lethrinus amboinensis</i> *	ambon emperor	filoa-gutumumu
<i>L. rubrioperculatus</i> *	redgill emperor	filoa-paomumu
<i>Lutjanus kasmira</i> *	blueline snapper	savane
<i>Pristipomoides auricilla</i> *	yellowtail snapper	palu-i'usama
<i>P. filamentosus</i> *	pink snapper	palu-'ena'ena
<i>P. flavipinnis</i> *	yelloweye snapper	palu-sina
<i>P. seiboldii</i> *	pink snapper	palu
<i>P. zonatus</i> *	snapper	palu-ula, palu-sega
<i>Seriola dumerili</i> *	amberjack	malauli

Samoa names provided by Fini Aitaoto

palu = general name for *Etelis/Pristipomoides* spp.

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

Table 2: American Samoa Archipelago Crustacean Management Unit Species

Scientific Name	English Common Name	Samoa Name
<i>Panulirus marginatus</i>	spiny lobster	ula
<i>Panulirus penicillatus</i>	spiny lobster	ula-sami
Family Scyllaridae	slipper lobster	papata
<i>Ranina ranina</i>	kona crab	pa'a
<i>Heterocarpus</i> spp.	deepwater shrimp	NA

Samoa names provided by Fini Aitaoto

pa'a = general name for crabs

Table 3: American Samoa Archipelago Precious Coral Management Unit Species

Scientific Name	English Common Name	Samoa Name
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<i>Corallium secundum</i> [amu = general name for corals]	pink coral (also known as red coral)	amu piniki-mumu
<i>Corallium regale</i>	pink coral (also known as red coral)	amu piniki-mumu
<i>Corallium laauense</i>	pink coral (also known as red coral)	amu piniki-mumu
<i>Gerardia</i> spp.	gold coral	amu auro
<i>Narella</i> spp.	gold coral	amu auro
<i>Calyptrophora</i> spp.	gold coral	amu auro
<i>Lepidisis olapa</i>	bamboo coral	amu ofe
<i>Acanella</i> spp.	bamboo coral	amu ofe
<i>Antipathes dichotoma</i>	black coral	amu uliuli
<i>Antipathes grandis</i>	black coral	amu uliuli
<i>Antipathes ulex</i>	black coral	amu uliuli

Samoa names provide by Fini Aitaoto

Table 4: American Samoa Archipelago Coral Reef Ecosystem Management Unit Species, (Currently Harvested Coral Reef Taxa)

Family Name	Scientific Name	English Common Name	Samoa Name
Acanthuridae (Surgeonfishes) [pone = general name for <i>Acanthurus</i> spp.]	<i>Acanthurus olivaceus</i>	orange-spot surgeonfish	afinamea
	<i>Acanthurus xanthopterus</i>	yellowfin surgeonfish	**
	<i>Acanthurus triostegus</i>	convict tang	aanini
	<i>Acanthurus dussumieri</i>	eye-striped surgeonfish	**
	<i>Acanthurus nigroris</i>	blue-lined surgeon	ponepone, gaitolama
	<i>Acanthurus lineatus</i>	blue-banded surgeonfish	alogo
	<i>Acanthurus nigricauda</i>	blackstreak surgeonfish	pone-i'usama
	<i>Acanthurus nigricans</i>	whitecheek surgeonfish	laulama
	<i>Acanthurus guttatus</i>	white-spotted	maogo

Family Name	Scientific Name	English Common Name	Samoan Name
		surgeonfish	
	<i>Acanthurus blochii</i>	ringtail surgeonfish	**
	<i>Acanthurus nigrofusus</i>	brown surgeonfish	ponepone
	<i>Acanthurus mata</i>	elongate surgeonfish	**
	<i>Acanthurus pyroferus</i>	mimic surgeonfish	**
	<i>Ctenochaetus strigosus</i> [pone=genral name for <i>Ctenochaetus</i>]	yellow-eyed surgeonfish	pone
	<i>Ctenochaetus striatus</i>	striped bristletooth	pone, pala'ia, logoulia
	<i>Ctenochaetus binotatus</i>	two-spot bristletooth	**
	<i>Naso unicornus</i> [ume = general name for <i>Naso</i> spp.]	bluespine unicornfish	ume-isu
	<i>Naso lituratus</i>	orangespine unicornfish	ili'ilia, umelei
	<i>Naso hexacanthus</i>	black tongue unicornfish	**
	<i>Naso vlamingii</i>	bignose unicornfish	ume-masimasi
	<i>Naso annulatus</i>	whitemargin unicornfish	**
	<i>Naso brevirostris</i>	spotted unicornfish	ume-ulutao
	<i>Naso thynnoides</i>	barred unicornfish	**
Balistidae (Triggerfishes) [sumu = general name for triggerfishes]	<i>Balistoides viridescens</i>	titan triggerfish	sumu, sumu-laulau
	<i>Balistapus undulatus</i>	orangestriped triggerfish	**
	<i>Melichthys vidua</i>	pinktail triggerfish	sumu-'apa'apasina, sumu-si'umumu
	<i>Melichthys niger</i>	black triggerfish	sumu-uli
	<i>Pseudobalistes fuscus</i>	blue triggerfish	sumu-laulau
	<i>Rhinecanthus aculeatus</i>	picassofish	sumu-uo'uo, sumu- aloalo
	<i>Sufflamen fraenatum</i>	bridled triggerfish	sumu-gase'ele'ele
	<i>Selar crumenophthalmus</i>	bigeye scad	atule

Family Name	Scientific Name	English Common Name	Samoan Name
	<i>Decapterus macarellus</i>	mackerel scad	atuleau, namuauli
Carcharhinidae (Sharks) [malie = general name for sharks]	<i>Carcharhinus amblyrhynchos</i>	grey reef shark	malie-aloalo
	<i>Carcharhinus albimarginatus</i>	silvertip shark	aso
	<i>Carcharhinus galapagensis</i>	Galapagos shark	malie
	<i>Carcharhinus melanopterus</i>	blacktip reef shark	apeape, malie- alamata
	<i>Triaenodon obesus</i>	whitetip reef shark	malu
Holocentridae (Soldierfish/Squir- relfish) [malau = general name for squirrelfishes]	<i>Myripristis berndti</i>	bigscale soldierfish	malau-ugatele, malau-va'ava'a
	<i>Myripristis adusta</i>	bronze soldierfish	malau-tui
	<i>Myripristis murdjan</i>	blotcheye soldierfish	**
	<i>Myripristis amaena</i>	brick soldierfish	**
	<i>Myripristis pralinia</i>	scarlet soldierfish	malau-mamo, malau- va'ava'a
	<i>Myripristis violacea</i>	violet soldierfish	malau-tuauli
	<i>Myripristis vittata</i>	whitetip soldierfish	**
	<i>Myripristis chryseres</i>	yellowfin soldierfish	**
	<i>Myripristis kuntzei</i>	pearly soldierfish	malau-pu'u
	<i>Myripristis hexagona</i>	double tooth squirrelfish	**
	<i>Sargocentron melanospilos</i>	blackspot squirrelfish	**
	<i>Sargocentron microstoma</i>	file-lined squirrelfish	malau-tianiu
	<i>Sargocentron tiereoides</i>	pink squirrelfish	**
	<i>Sargocentron diadema</i>	crown squirrelfish	malau-tui, malau- talapu'u, malau- tusitusi, malau-pauli
	<i>Sargocentron punctatissimum</i>	peppered squirrelfish	**

Family Name	Scientific Name	English Common Name	Samoan Name
	<i>Sargocentron tiere</i>	blue-lined squirrelfish	**
	<i>Sargocentron spiniferum</i>	saber or long jaw squirrelfish	tamalu, mu-malau, malau-toa
	<i>Neoniphon</i> spp.	spotfin squirrelfish	**
Kuhliidae (Flagtails)	<i>Kuhlia mugil</i>	barred flag-tail	safale, inato
Kyphosidae (Rudderfish)	<i>Kyphosus cinerascens</i>	rudderfish	nanue, mata-mutu,
	<i>Kyphosus biggibus</i>		mutumutu
	<i>Kyphosus vaigienses</i>	rudderfish	nanue
Labridae (Wrasses)	<i>Cheilinus undulatus</i>	napoleon wrasse	lalafi, tagafa, malakea
	<i>Cheilinus trilobatus</i>	triple-tail wrasse	lalafi-matamumu
	<i>Cheilinus chlorourus</i>	floral wrasse	lalafi-matapua'a
	<i>Cheilinus fasciatus</i>	harlequin tuskfish	lalafi-pulepule
	<i>Oxycheilinus diagrammus</i>	bandcheek wrasse	sugale
	<i>Oxycheilinus arenatus</i>	arenatus wrasse	sugale
	<i>Xyrichtys aneitensis</i>	whitepatch wrasse	sugale-tatanu
	<i>Cheilio inermis</i>	cigar wrasse	sugale-mo'o
	<i>Hemigymnus melapterus</i>	blackeye thicklip	sugale-laugutu, sugale-uli, sugale- aloe, sugale-lupe
	<i>Hemigymnus fasciatus</i>	barred thicklip	sugale-gutumafia
	<i>Halichoeres trimaculatus</i>	three-spot wrasse	lape, sugale-pagota
	<i>Halichoeres hortulanus</i>	checkerboard wrasse	sugale-a'au, sugale- pagota, ifigi
	<i>Halichoeres margaritaceus</i>	weedy surge wrasse	sugale-uluvella
	<i>Thalassoma purpuraceum</i>	surge wrasse	uloulo-gatala, patagaloa
	<i>Thalassoma</i>	red ribbon wrasse	lape-moana

Family Name	Scientific Name	English Common Name	Samoan Name
	<i>quinquevittatum</i>		
	<i>Thalassoma lutescens</i>	sunset wrasse	sugale-samasama
	<i>Novaculichthys taeniourus</i>	rockmover wrasse	sugale-la‘o, sugale-taili, sugale-gasufi
Mullidae (Goatfishes)	<i>Mulloidichthys</i> spp.	yellow goatfish	i‘asina, vete, afulu
	<i>Mulloidichthys vanicolensis</i>	yellowfin goatfish	vete
	<i>Mulloidichthys flavolineatus</i>	yellowstripe goatfish	afolu, afulu
	<i>Parupeneus</i> spp.	banded goatfish	afoul, afulu
	<i>Parupeneus barberinus</i>	dash-dot goatfish	tusia, tulausaena, ta‘uleia
	<i>Parupeneus bifasciatus</i>	doublebar goatfish	matulau-moana
	<i>Parupeneus heptacanthus</i>	redspot goatfish	moana-ula
	<i>Parupeneus cyclostomas</i>	yellow saddle goatfish	i‘asina, vete, afulu, moana
	<i>Parupeneus pleurostigma</i>	side-spot goatfish	matulau-ilamutu
	<i>Parupeneus multifasciatus</i>	multi-barred goatfish	i‘asina, vete, afulu
Mugilidae (Mulletts) [anae = general name for mullets]	<i>Crenimugil crenilabis</i>	fringelip mullet	anae, aua. fuafua
	<i>Neomyxus leuciscus</i>	false mullet	moi, poi
Muraenidae (Moray eels)	<i>Gymnothorax flavimarginatus</i>	yellowmargin moray eel	pusi
	<i>Gymnothorax javanicus</i>	giant moray eel	maoa‘e
	<i>Gymnothorax undulatus</i>	undulated moray eel	pusi-pulepule
Octopodidae (Octopus)	<i>Octopus cyanea</i>	octopus	fe‘e
	<i>Octopus ornatus</i>	octopus	fe‘e
Polynemidae	<i>Polydactylus sexfilis</i>	threadfin	umiumia, i‘ausi

Family Name	Scientific Name	English Common Name	Samoan Name
Prichthodidae (Bigeye) [matapula = general name for Priacanthus]	<i>Heteropriacanthus cruentatus</i>	glasseye	matapula
	<i>Priacanthus hamrur</i>	bigeye	matapula
Scaridae (Parrotfishes) [fuga = general name for parrotfishes]	<i>Calotomus carolinus</i>	stareye parrotfish	fuga
	<i>Scarus</i> spp.	parrotfish	fuga, galo-uluto'i, fuga-valea, laea-mamanu
	<i>Hipposcarus longiceps</i>	Pacific longnose parrotfish	ulapokea, laea-ulapokea
Scombridae	<i>Gymnosarda unicolor</i>	dogtooth tuna	tagi
Siganidae (Rabbitfish)	<i>Siganus aregenteus</i>	forktail rabbitfish	loloa, lo
Sphyraenidae (Barracuda)	<i>Sphyraena helleri</i>	heller's barracuda	sapatu
	<i>Sphyraena barracuda</i>	great barracuda	saosao
Turbinidae (turban shells/green snails)	<i>Turbo</i> spp.	green snails	alili

Samoan names provided by Fini Aitaoto

Table 5: American Samoa Archipelago Coral Reef Ecosystem Management Unit Species, (Potentially Harvested Coral Reef Taxa)

Scientific Name	English Common Name	Samoan Name
Labridae [sugale = general name for wrasses]	wrasses (Those species not listed as CHCRT)	sugale, sugale-vaolo, sugale-a'a, lalafi, lape-a'au, la'ofia
Carcharhinidae Sphyrnidae	sharks (Those species not listed as CHCRT)	malie, apoapo, moemoeao
Dasyatidae Myliobatidae	rays and skates	fai
Ephippidae	batfishes	pe'ape'a

Scientific Name	English Common Name	Samoan Name
Haemulidae	sweetlips	mutumutu, misimisi, ava‘ava-moana
Echeneidae	remoras	talitaliuli
Malacanthidae	tilefishes	mo‘o, mo‘otai
Pseudochromidae	dottybacks	tiva
Plesiopidae	prettyfins	aneanea, tafuti
Caracanthidae	coral crouchers	tapua
Anomalopidae	flashlightfishes	##
Serrandiae [gatala = general name for groupers]	groupers (Those species not listed as CHCRT or BMUS)	gatala, ataata, vaolo, gatala-uli, gatala-sega, gatala-aleva, ateate, apoua, susami, gatala-sina, gatala-mumu
Carangidae	jacks and scads (Those species not listed as CHCRT or BMUS)	lupo, lupota, mamalusi, ulua, sapoanae, taupapa, nato, filu, atuleau, malauli-apamoana, malauli-sinasama, malauli-matalapo‘a, lai
Holocentridae	soldierfishes and squirrelfishes (Those species not listed as CHCRT)	malau
Mullidae	goatfishes (Those species not listed as CHCRT)	i‘asina, vete, afulu, afoul, ulula‘oa
Acanthuridae	surgeonfishes (Those species not listed as CHCRT)	pone, palagi
Clupeidae	herrings	pelupelu, nefu
Engraulidae	anchovies	nefu, file
Gobiidae [mano‘o=general name for gobies]	gobies	mano‘o, mano‘o-popo, mano‘o-fugafuga, mano‘o-apofusami, mano‘o-a‘au.

Scientific Name	English Common Name	Samoan Name
Lutjanidae	snappers (Those species not listed as CHCRT or BMUS)	mu, mu-taiva, tamala, malai, feloitega, mu-mafalaugutu, savane-ulusama, matala'oa.
Balistidae [sumu=general name for triggerfishes]	trigger fishes (Those species not listed as CHCRT)	sumu, sumu-papa, sumu-taulau
Siganidae	rabbitfishes (Those species not listed as CHCRT)	lo
Kyphosidae	rudderfishes (Those species not listed as CHCRT)	nanue, matamutu, mutumutu
Caesionidae	fusiliers	uliseqa, atule-toto
Lethrinidae	emperors (Those species not listed as CHCRT or BMUS)	filoa, mata'ele'ele, ulamalosi
Muraenidae Chlopsidae Congridae Moringuidae Ophichthidae	eels (Those species not listed as CHCRT)	pusi, maoa'e, atapanoa, u aulu, apeape, fafa, gatamea, pusi-solasulu
Apogonidae	cardinalfishes	fo, fo-tusiloloa, fo-si'umu, fo-loloa, fo-tala, fo-manifi, fo-aialo, fo-tuauli
Zanclidae	moorish idols	pe'ape'a, laulaufau
Chaetodontidae	butterfly fishes	tifitifi, si'u, i'usamasama, tifitifi-segaula, laulafau-laumea, alosina
Pomacanthidae	angelfishes	tu'u'u, tu'u'u-sama, tu'u'u-lega, tu'u'u-ulavapua, tu'u'u-matamalu, tu'u'u-alomu, tu'u'u-uluveta, tu'u'u-atugauli, tu'u'u-tusiuli, tu'u'u-manini

Scientific Name	English Common Name	Samoan Name
Pomacentridae	damselfishes	tu‘u‘u, mutu, mamu, tu‘u‘u-lumane
Scorpaenidae	scorpionfishes	i‘atala, la‘otele, nofu
Blenniidae [mano‘o = general name for blennies]	blennies	mano‘o, mano‘o-mo‘o, mano‘o-palea, mano‘o-la‘o.
Sphyraenidae	barracudas (Those species not listed as CHCRT)	sapatu
Cirrhitidae	hawkfishes (Those species not listed as CHCRT)	la‘o, ulutu‘i, lausiva
Antennariidae	frogfishes	la‘otale, nofu
Syngnathidae	pipefishes and seahorses	##
Pinguipedidae	sandperches	ta‘oto
<i>Gymnosarda unicolor</i>	dog tooth tuna	tagi
<i>Aulostomus chinensis</i>	trumpetfish	taoto-ena, taoto-sama, ‘au‘aulauti, taotito
<i>Fistularia commersoni</i>	cornetfish	taotao, taoto-ama
Tetradontidae [sue= general name for buffer fishes]	puffer fishes and porcupine fishes	sue, sue-vaolo, sue-va‘a, sue-lega, sue-mu, sue-uli, sue-lape, sue-afa, sue-sugale
Bothidae Soleidae	flounders and soles	ali
Ostraciidae	trunkfishes	moamoa
Echinoderms	sea cucumbers and sea urchins	fugafuga, tuitui, sava‘e
Heliopora	blue corals	amu
Tubipora	organpipe corals	amu
Azooxanthellates	ahermatypic corals	**
Fungiidae	mushroom corals	amu

Scientific Name	English Common Name	Samoan Name
	small and large coral polyps	amu
Millepora	fire corals	amu
	soft corals and gorgonians	amu
Actinaria	anemones	lumane, matalelei
Zoanthinaria	soft zoanthid corals	**
Mollusca	(Those species not listed as CHCRT)	##
Gastropoda	sea snails	sisi-sami
<i>Trochus</i> spp.		aliao, alili
Opisthobranchs	sea slugs	sea
<i>Pinctada margaritifera</i>	black lipped pearl oyster	##
Tridacnidae	giant clam	faisua
Other Bivalves	other clams	pipi, asi, fatuaua, tio, pae, fole
Crustaceans	lobsters, shrimps/mantis shrimps, true crabs and hermit crabs (Those species not listed as Crustacean MUS)	ula, pa'a, kuku, papata
Tunicates	sea squirts	##
Porifera	sponges	##
Stylasteridae	lace corals	amu
Solanderidae	hydroid corals	amu
Annelids	segmented worms (Those species not listed as CHCRT)	##
Algae	seaweed	limu
Live rock		##