

**NMFS Seafood Import Monitoring Program - Species that Require the full set of the SIM Program Records**

**Cod**

Scientific name	English name	3A_CODE	TAXOCODE
<i>Gadus macrocephalus</i>	Pacific cod	PCO	1480400211
<i>Gadus morhua</i>	Atlantic cod	COD	1480400202
<i>Gadus spp</i>	Northern cods nei	CDZ	14804002XX

**Crab**

Scientific name	English name	3A_CODE	TAXOCODE
<i>Callinectes sapidus</i>	Blue crab	CRB	2311101202
<i>Callinectes spp</i>	<i>Callinectes swimcrabs nei</i>	CAL	23111012XX
<i>Paralithodes camtschaticus</i>	Red king crab	KCD	2302001801
<i>Paralithodes spp</i>	King crabs	KCS	23020018XX

**Dolphinfish**

Scientific name	English name	3A_CODE	TAXOCODE
<i>Coryphaena hippurus</i>	Common dolphinfish	DOL	1702807101

**Grouper (Family Serranidae in FRN Vol. 80 No. 210 Appendix 1, 30 Oct 2015)**

Scientific name	English name	3A_CODE	TAXOCODE
<i>Aethaloperca rogea</i>	Redmouth grouper	EHG	1700200101
<i>Anyperodon leucogrammicus</i>	Slender grouper	AYG	1700200201
<i>Aulacocephalus temmincki</i>	Goldribbon soapfish	UFT	1700200401
<i>Caprodon longimanus</i>	Pink maomao	RNL	1700200901
<i>Cephalopholis argus</i>	Peacock hind	CFF	1700211504
<i>Cephalopholis aurantia</i>	Golden hind	CFZ	1700211515
<i>Cephalopholis boenak</i>	Chocolate hind	CVK	1700211519
<i>Cephalopholis cruentata</i>	Graysby	CFL	1700211501
<i>Cephalopholis cyanostigma</i>	Bluespotted hind	CFY	1700211508
<i>Cephalopholis fulva</i>	Coney	CFJ	1700211502
<i>Cephalopholis hemistiktos</i>	Yellowfin hind	CFH	1700211509
<i>Cephalopholis igarashiensis</i>	Garish hind	CWI	1700211516
<i>Cephalopholis leopardus</i>	Leopard hind	UKR	1700211520
<i>Cephalopholis microprion</i>	Freckled hind	CFM	1700211510

<i>Cephalopholis miniata</i>	Coral hind	CFI	1700211511
<i>Cephalopholis nigri</i>	Niger hind	CFQ	1700211507
<i>Cephalopholis nigripinnis</i>	Duskyfin hind	CZU	1700211521
<i>Cephalopholis sexmaculata</i>	Sixblotch hind	CFX	1700211514
<i>Cephalopholis sonnerati</i>	Tomato hind	EFT	1700211505
<i>Cephalopholis spiloparaea</i>	Strawberry hind	CWR	1700211517
<i>Cephalopholis</i> spp		IIX	17002115XX
<i>Cephalopholis taeniops</i>	Bluespotted seabass	EFA	1700211506
<i>Cephalopholis urodeta</i>	Darkfin hind	CWU	1700211518
<i>Cromileptes altivelis</i>	Humpback grouper	MPV	1700212501
<i>Dermatolepis dermatolepis</i>	Leather bass	DED	1700212901
<i>Dermatolepis striolata</i>	Smooth grouper	DEV	1700212902
<i>Diplectrum euryplectrum</i>	Bighead sand perch	DLY	1700213107
<i>Diplectrum formosum</i>	Sand perch	PES	1700213101
<i>Diplectrum labarum</i>	Highfin sand perch	DLK	1700213106
<i>Diplectrum macropoma</i>	Mexican sand perch	DLM	1700213102
<i>Diplectrum maximum</i>	Torpedo sand perch	DLX	1700213103
<i>Diplectrum pacificum</i>	Inshore sand perch	DLA	1700213104
<i>Diplectrum radiale</i>	Pond perch	DLD	1700213105
<i>Epinephelides armatus</i>		EFU	1700201901
<i>Epinephelus acanthistius</i>	Rooster hind	EFC	1700204250
<i>Epinephelus adscensionis</i>	Rock hind	EFD	1700204221
<i>Epinephelus aeneus</i>	White grouper	GPW	1700204202
<i>Epinephelus akaara</i>	Hong Kong grouper	EPA	1700204205
<i>Epinephelus albomarginatus</i>	White-edged grouper	EFB	1700204238
<i>Epinephelus amblycephalus</i>	Banded grouper	EFY	1700204251
<i>Epinephelus analogus</i>	Spotted grouper	GPS	1700204222
<i>Epinephelus andersoni</i>	Catface grouper	EFN	1700204239
<i>Epinephelus areolatus</i>	Areolate grouper	EPR	1700204240
<i>Epinephelus awoara</i>	Yellow grouper	EFW	1700204252
<i>Epinephelus bleekeri</i>	Duskytail grouper	EFK	1700204253
<i>Epinephelus bruneus</i>	Longtooth grouper	EFE	1700204254
<i>Epinephelus caeruleopunctatus</i>	Whitespotted grouper	EWC	1700204273
<i>Epinephelus caninus</i>	Dogtooth grouper	EFJ	1700204232

<i>Epinephelus chabaudi</i>	Moustache grouper	EWZ	1700204292
<i>Epinephelus chlorostigma</i>	Brownspotted grouper	EFH	1700204255
<i>Epinephelus cifuentesi</i>	Olive grouper	EPF	1700204256
<i>Epinephelus coioides</i>	Orange-spotted grouper	ENI	1700204257
<i>Epinephelus costae</i>	Goldblotch grouper	EPK	1700204258
<i>Epinephelus cyanopodus</i>	Speckled blue grouper	EPY	1700204259
<i>Epinephelus daemeli</i>	Saddletail grouper	ESE	1700204260
<i>Epinephelus diacanthus</i>	Spinycheek grouper	ELD	1700204207
<i>Epinephelus drummondhayi</i>	Speckled hind	EED	1700204223
<i>Epinephelus epistictus</i>	Dotted grouper	EWE	1700204283
<i>Epinephelus fasciatomaculosus</i>	Rock grouper	EEF	1700204261
<i>Epinephelus fasciatus</i>	Blacktip grouper	EEA	1700204233
<i>Epinephelus faveatus</i>	Barred-chest grouper	EWV	1700204288
<i>Epinephelus flavocaeruleus</i>	Blue-and-yellow grouper	EEV	1700204246
<i>Epinephelus flavolimbatus</i>	Yellowedge grouper	EEL	1700204224
<i>Epinephelus fuscoguttatus</i>	Brown-marbled grouper	EWF	1700204274
<i>Epinephelus goreensis</i>	Dungat grouper	EEG	1700204234
<i>Epinephelus guttatus</i>	Red hind	EEU	1700204225
<i>Epinephelus haifensis</i>	Haifa grouper	EEI	1700204262
<i>Epinephelus heniochus</i>	Bridled grouper	EEE	1700204263
<i>Epinephelus hexagonatus</i>	Starspotted grouper	EEX	1700204264
<i>Epinephelus irroratus</i>	Marquesan grouper	EWI	1700204275
<i>Epinephelus itajara</i>	Atlantic goliath grouper	EET	1700204243
<i>Epinephelus labriformis</i>	Starry grouper	EEB	1700204226
<i>Epinephelus lanceolatus</i>	Giant grouper	EEN	1700204208
<i>Epinephelus latifasciatus</i>	Striped grouper	EES	1700204265
<i>Epinephelus longispinis</i>	Longspine grouper	EWV	1700204289
<i>Epinephelus macrospilos</i>	Snubnose grouper	EEM	1700204266
<i>Epinephelus maculatus</i>	Highfin grouper	EEC	1700204209
<i>Epinephelus magniscuttis</i>	Speckled grouper	EEJ	1700204267
<i>Epinephelus malabaricus</i>	Malabar grouper	MAR	1700204244
<i>Epinephelus marginatus</i>	Dusky grouper	GPD	1700204201
<i>Epinephelus melanostigma</i>	One-blotch grouper	EZP	1700204291
<i>Epinephelus merra</i>	Honeycomb grouper	EER	1700204211

<i>Epinephelus miliaris</i>	Netfin grouper	EWM	1700204276
<i>Epinephelus morio</i>	Red grouper	GPR	1700204228
<i>Epinephelus morrhua</i>	Comet grouper	EEP	1700204235
<i>Epinephelus multinotatus</i>	White-blotched grouper	EWU	1700204277
<i>Epinephelus mystacinus</i>	Misty grouper	EEY	1700204229
<i>Epinephelus nigritus</i>	Warsaw grouper	ELG	1700204236
<i>Epinephelus niphobles</i>	Star-studded grouper	EZN	1700204293
<i>Epinephelus niveatus</i>	Snowy grouper	EFV	1700204230
<i>Epinephelus octofasciatus</i>	Eightbar grouper	EWO	1700204278
<i>Epinephelus poecilonotus</i>	Dot-dash grouper	EWP	1700204279
<i>Epinephelus polylepis</i>	Smallscaled grouper	EWY	1700204284
<i>Epinephelus polyphkadion</i>	Camouflage grouper	EEK	1700204269
<i>Epinephelus posteli</i>	Striped-fin grouper	EWG	1700204287
<i>Epinephelus quernus</i>	Hawaiian grouper	EEQ	1700204231
<i>Epinephelus quinquefasciatus</i>	Pacific goliath grouper	EZQ	1700204294
<i>Epinephelus quoyanus</i>	Longfin grouper	EFQ	1700204270
<i>Epinephelus radiatus</i>	Oblique-banded grouper	EZR	1700204286
<i>Epinephelus retouti</i>	Red-tipped grouper	EWR	1700204280
<i>Epinephelus rivulatus</i>	Halfmoon grouper	EPV	1700204245
<i>Epinephelus septemfasciatus</i>	Convict grouper	EIF	1700204215
<i>Epinephelus sexfasciatus</i>	Sixbar grouper	EFX	1700204216
<i>Epinephelus spilotoceps</i>	Foursaddle grouper	EZO	1700204290
<i>Epinephelus spp</i>	Groupers nei	GPX	17002042XX
<i>Epinephelus stictus</i>	Black-dotted grouper	EIT	1700204271
<i>Epinephelus stoliczkae</i>	Epaulet grouper	EPZ	1700204218
<i>Epinephelus striatus</i>	Nassau grouper	GPN	1700204220
<i>Epinephelus summana</i>	Summan grouper	EWS	1700204285
<i>Epinephelus tauvina</i>	Greasy grouper	EPT	1700204219
<i>Epinephelus trimaculatus</i>	Threespot grouper	EIR	1700204272
<i>Epinephelus tuamotuensis</i>	Reticulate grouper	EWT	1700204281
<i>Epinephelus tukula</i>	Potato grouper	EWL	1700204282
<i>Epinephelus undulosus</i>	Wavy-lined grouper	EIU	1700204204
<i>Gracila albomarginata</i>	Masked grouper	GCA	1700251301
<i>Hyporthodus ergastularius</i>	Sevenbar grouper	YHP	1700256001

<i>Mycteroperca acutirostris</i>	Comb grouper	MTI	1700204002
<i>Mycteroperca bonaci</i>	Black grouper	MAB	1700204001
<i>Mycteroperca cidi</i>	Venezuelan grouper	MKC	1700204005
<i>Mycteroperca fusca</i>	Island grouper	MKF	1700204011
<i>Mycteroperca interstitialis</i>	Yellowmouth grouper	MKN	1700204012
<i>Mycteroperca jordani</i>	Gulf grouper	MKJ	1700204003
<i>Mycteroperca microlepis</i>	Gag	MKM	1700204004
<i>Mycteroperca phenax</i>	Scamp	MKH	1700204006
<i>Mycteroperca rosacea</i>	Leopard grouper	MKR	1700204013
<i>Mycteroperca rubra</i>	Mottled grouper	MKU	1700204007
<i>Mycteroperca</i> spp	Brazilian groupers nei	GPB	17002040XX
<i>Mycteroperca tigris</i>	Tiger grouper	MKT	1700204008
<i>Mycteroperca venenosa</i>	Yellowfin grouper	MKV	1700204009
<i>Mycteroperca xenarcha</i>	Broomtail grouper	GBS	1700204010
<i>Plectropomus areolatus</i>	Squaretail coralgroupers	EME	1700220802
<i>Plectropomus laevis</i>	Blacksaddled coralgroupers	EML	1700220803
<i>Plectropomus leopardus</i>	Leopard coralgroupers	EMO	1700220804
<i>Plectropomus maculatus</i>	Spotted coralgroupers	PLM	1700220801
<i>Plectropomus oligacanthus</i>	Highfin coralgroupers	EMW	1700220807
<i>Plectropomus pessuliferus</i>	Roving coralgroupers	EMU	1700220805
<i>Plectropomus punctatus</i>	Marbled coralgroupers	EMN	1700220806
<i>Plectropomus</i> spp	Coralgroupers nei	IWX	17002208XX
<i>Saloptia powelli</i>	Golden grouper	OOW	1700223401
<i>Triso dermatopterus</i>	Oval grouper	TSR	1700224901
<i>Variola albimarginata</i>	White-edged lyretail	VRA	1700255702
<i>Variola louti</i>	Yellow-edged lyretail	VRL	1700255701

### Red Snapper

Scientific name	English name	3A_CODE	TAXOCODE
<i>Lutjanus campechanus</i>	Northern red snapper	SNR	1703202725
Lutjanidae	Snappers nei	SNX	17032XXXXX

### Sea Cucumber (Class Holothuroidea)

Scientific name	English name	3A_CODE	TAXOCODE
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<i>Actinopyga agassizii</i>		YYC	6940100107
<i>Actinopyga echinites</i>	Deep-water redfish	KUE	6940100103
<i>Actinopyga lecanora</i>		YVV	6940100106
<i>Actinopyga mauritiana</i>	Surf redfish	KUY	6940100101
<i>Actinopyga miliaris</i>	Hairy blackfish	KUQ	6940100102
<i>Actinopyga palauensis</i>	Panning's blackfish	YGP	6940100104
<i>Actinopyga spinea</i>	New Caledonia blackfish	YGS	6940100105
<i>Apostichopus japonicus</i>	Japanese sea cucumber	CUJ	6941400501
<i>Apostichopus parvimensis</i>	Warty sea cucumber	TKV	6941400502
<i>Astichopus multifidus</i>	Furry sea cucumber	JPN	6941400601
<i>Athyonidium chilensis</i>		KZA	6940500601
<i>Australostichopus mollis</i>	Brown mottled sea cucumber	JPO	6941400701
<i>Bohadschia argus</i>	Leopard fish	KUW	6940100202
<i>Bohadschia atra</i>		JLZ	6940100206
<i>Bohadschia marmorata</i>	Chalky cucumber	KUH	6940100201
<i>Bohadschia similis</i>	Brownspotted sandfish	BDX	6940100203
<i>Bohadschia subrubra</i>		JTQ	6940100205
<i>Bohadschia vitiensis</i>	Brown sandfish	BDV	6940100204
<i>Cucumaria frondosa</i>		KHG	6940500103
<i>Cucumaria japonica</i>		KHE	6940500102
<i>Cucumaria kerguelensis</i>		KGH	6940500101
<i>Heterocucumis godeffroyi</i>		HZT	6940500201
<i>Holothuria arenacava</i>		JBN	6940100311
<i>Holothuria arenicola</i>		JCE	6940100312
<i>Holothuria arguinensis</i>		JHG	6940100325
<i>Holothuria atra</i>	Lollyfish	HFA	6940100304
<i>Holothuria cinerascens</i>		JCH	6940100313
<i>Holothuria coluber</i>	Snakefish sea cucumber	HHW	6940100308
<i>Holothuria edulis</i>	Pinkfish	HFE	6940100307
<i>Holothuria flavomaculata</i>	Red snakefish	JCI	6940100314
<i>Holothuria fuscocinerea</i>		JCJ	6940100315
<i>Holothuria fuscogilva</i>	White teatfish	HFF	6940100305
<i>Holothuria fuscopunctata</i>	Elephant trunkfish	HOZ	6940100310
<i>Holothuria hilla</i>		JCK	6940100316

Holothuria impatiens	Bottleneck sea cucumber	HFI	6940100306
Holothuria kefersteini		JCL	6940100317
Holothuria lessoni		JCO	6940100318
Holothuria leucospilota	White threads fish	HFQ	6940100309
Holothuria mexicana		JCQ	6940100319
Holothuria nobilis	Black teatfish	HFN	6940100303
Holothuria notabilis		JCW	6940100320
Holothuria pardalis		JDB	6940100321
Holothuria pervicax		JDD	6940100322
Holothuria scabra	Sandfish	HFC	6940100302
Holothuria spinifera		JDE	6940100323
Holothuria spp		WBX	69401003XX
Holothuria tubulosa	Cotton spinner	HFT	6940100301
Holothuria whitmaei		JDG	6940100324
Holothuroidea	Sea cucumbers nei	CUX	694XXXXXXX
Isostichopus badionotus	Four-sided sea cucumber	HIZ	6941400302
Isostichopus fuscus	Giant sea cucumber	JCF	6941400301
Molpadia musculus		MZH	6940300101
Paradota marionensis		QHO	6940200101
Parastichopus californicus	Giant red sea cucumber	TKG	6941400101
Parastichopus tremulus		TVK	6941400103
Pearsonothuria graeffei	Blackspotted sea cucumber	EHV	6940100401
Pseudocnus laevigatus		JGQ	6940500301
Pseudostichopus peripatus		QEY	6940400101
Psolidium poriferum		QAB	6940600101
Psolus ephippifer		QAG	6940600201
Psolus paradubiosus		QAK	6940600202
Staurocucumis liouvillei		RXO	6940500401
Stichopus chloronotus	Greenfish	JCC	6941400403
Stichopus herrmanni		JNG	6941400406
Stichopus horrens	Selenka's sea cucumber	KUN	6941400405
Stichopus monotuberculatus		JPQ	6941400407
Stichopus naso		JPR	6941400408
Stichopus ocellatus	Ocellated sea cucumber	JPT	6941400409

Stichopus pseudohorrens		JPU	6941400410
Stichopus regalis	Royal cucumber	JCR	6941400404
Stichopus variegatus	Curryfish	JCV	6941400402
Stichopus vastus		JPW	6941400411
Thelenota ananas	Prickly redfish	TFQ	6941400201
Thelenota anax	Amber fish	HLX	6941400202
Thelenota rubralineata		JDZ	6941400203
Trachythyone muricata		TXQ	6940500501

**Sharks (Orders Squaliformes, Hexanchiformes, Carcharhiniformes, Lamniformes, Orectolobiformes, Heterodontiformes, Pristiophoriformes)**

Scientific name	English name	3A_CODE	TAXOCODE
Aculeola nigra	Hooktooth dogfish	ACN	1090102101
Alopias pelagicus	Pelagic thresher	PTH	1060600602
Alopias spp	Thresher sharks nei	THR	10606006XX
Alopias superciliosus	Bigeye thresher	BTH	1060600603
Alopias vulpinus	Thresher	ALV	1060600601
Apristurus acanutus		CSA	1080101401
Apristurus atlanticus	Atlantic ghost catshark	CSU	1080101402
Apristurus brunneus	Brown catshark	CSN	1080101403
Apristurus canutus	Hoary catshark	CSQ	1080101404
Apristurus gibbosus		CSG	1080101405
Apristurus herklotsi	Longfin catshark	CSW	1080101406
Apristurus indicus	Smallbelly catshark	APD	1080101407
Apristurus investigatoris	Broadnose catshark	APV	1080101408
Apristurus japonicus	Japanese catshark	CSJ	1080101409
Apristurus kampae	Longnose catshark	CSZ	1080101410
Apristurus laurussonii	Iceland catshark	APQ	1080101411
Apristurus longicephalus	Longhead catshark	CSF	1080101412
Apristurus macrorhynchus	Flathead catshark	CSX	1080101413
Apristurus macrostomus		APM	1080101414
Apristurus maderensis	Madeira catshark	APF	1080101415
Apristurus manis	Ghost catshark	APA	1080101416
Apristurus microps	Smalleye catshark	APX	1080101417



<i>Apristurus micropterygeus</i>		APY	1080101418
<i>Apristurus nasutus</i>	Largenose catshark	APW	1080101419
<i>Apristurus parvipinnis</i>	Smallfin catshark	APK	1080101420
<i>Apristurus platyrhynchus</i>	Spatulasnout catshark	APZ	1080101421
<i>Apristurus profundorum</i>	Deep-water catshark	APP	1080101422
<i>Apristurus riveri</i>	Broadgill catshark	CSV	1080101423
<i>Apristurus saldanha</i>	Saldanha catshark	APC	1080101424
<i>Apristurus sibogae</i>	Pale catshark	APJ	1080101425
<i>Apristurus sinensis</i>	South China catshark	ASI	1080101426
<i>Apristurus spongiceps</i>	Spongehead catshark	ASO	1080101427
<i>Apristurus</i> spp	Deep-water catsharks	API	10801014XX
<i>Apristurus stenseni</i>	Panama ghost catshark	ASE	1080101428
<i>Apristurus verweyi</i>	Borneo catshark	ASW	1080101429
<i>Asymbolus analis</i>	Australian spotted catshark	ASY	1080100501
<i>Asymbolus</i> spp		AXM	10801005XX
<i>Asymbolus vincenti</i>	Gulf catshark	ASV	1080100502
<i>Atelomycterus macleayi</i>	Australian marbled catshark	ATM	1080100701
<i>Atelomycterus marmoratus</i>	Coral catshark	ATY	1080100702
<i>Aulohalaelurus kanakorum</i>	Kanakorum catshark	AUK	1080102801
<i>Aulohalaelurus labiosus</i>	Australian blackspot catshark	AUL	1080102802
<i>Brachaelurus waddi</i>	Blind shark	OBW	1070600101
Carcharhinidae	Requiem sharks nei	RSK	10802XXXXX
Carcharhiniformes	Ground sharks	CVX	108XXXXXXXX
<i>Carcharhinus acronotus</i>	Blacknose shark	CCN	1080201009
<i>Carcharhinus albimarginatus</i>	Silvertip shark	ALS	1080201019
<i>Carcharhinus altimus</i>	Bignose shark	CCA	1080201026
<i>Carcharhinus amblyrhynchoides</i>	Graceful shark	CCY	1080201002
<i>Carcharhinus amblyrhynchos</i>	Grey reef shark	AML	1080201006
<i>Carcharhinus amboinensis</i>	Pigeye shark	CCF	1080201007
<i>Carcharhinus borneensis</i>	Borneo shark	CCX	1080201008
<i>Carcharhinus brachyurus</i>	Copper shark	BRO	1080201020
<i>Carcharhinus brevipinna</i>	Spinner shark	CCB	1080201021
<i>Carcharhinus cautus</i>	Nervous shark	CCC	1080201010
<i>Carcharhinus dussumieri</i>	Whitecheek shark	CCD	1080201014

<i>Carcharhinus falciformis</i>	Silky shark	FAL	1080201017
<i>Carcharhinus fitzroyensis</i>	Creek whaler	CCZ	1080201015
<i>Carcharhinus galapagensis</i>	Galapagos shark	CCG	1080201027
<i>Carcharhinus hemiodon</i>	Pondicherry shark	CCK	1080201028
<i>Carcharhinus isodon</i>	Finetooth shark	CCO	1080201025
<i>Carcharhinus leiodon</i>		CCJ	1080201029
<i>Carcharhinus leucas</i>	Bull shark	CCE	1080201018
<i>Carcharhinus limbatus</i>	Blacktip shark	CCL	1080201003
<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	OCS	1080201011
<i>Carcharhinus macloti</i>	Hardnose shark	CCM	1080201024
<i>Carcharhinus melanopterus</i>	Blacktip reef shark	BLR	1080201005
<i>Carcharhinus obscurus</i>	Dusky shark	DUS	1080201016
<i>Carcharhinus perezi</i>	Caribbean reef shark	CCV	1080201030
<i>Carcharhinus plumbeus</i>	Sandbar shark	CCP	1080201001
<i>Carcharhinus porosus</i>	Smalltail shark	CCR	1080201012
<i>Carcharhinus sealei</i>	Blackspot shark	CCI	1080201022
<i>Carcharhinus signatus</i>	Night shark	CCS	1080201023
<i>Carcharhinus sorrah</i>	Spottail shark	CCQ	1080201031
<i>Carcharhinus</i> spp	<i>Carcharhinus</i> sharks nei	CWZ	10802010XX
<i>Carcharhinus tilstoni</i>	Australian blacktip shark	CCU	1080201032
<i>Carcharhinus wheeleri</i>	Blacktail reef shark	CCW	1080201033
<i>Carcharias taurus</i>	Sand tiger shark	CCT	1060200501
<i>Carcharias tricuspidatus</i>	Indian sand tiger	LOU	1060200502
<i>Carcharodon carcharias</i>	Great white shark	WSH	1060800701
<i>Centrophorus acus</i>	Needle dogfish	CEA	1090100805
<i>Centrophorus atromarginatus</i>	Blackfin gulper shark	GVA	1090100810
<i>Centrophorus granulosus</i>	Gulper shark	GUP	1090100801
<i>Centrophorus harrissoni</i>	Dumb gulper shark	CEU	1090100806
<i>Centrophorus isodon</i>	Black gulper shark	GVI	1090100811
<i>Centrophorus lusitanicus</i>	Lowfin gulper shark	CPL	1090100804
<i>Centrophorus moluccensis</i>	Smallfin gulper shark	CEM	1090100807
<i>Centrophorus niaukang</i>	Taiwan gulper shark	CEK	1090100808
<i>Centrophorus</i> spp	Gulper sharks nei	CWO	10901008XX
<i>Centrophorus squamosus</i>	Leafscale gulper shark	GUQ	1090100803

<i>Centrophorus tessellatus</i>	Mosaic gulper shark	CEE	1090100809
<i>Centrophorus uyato</i>	Little gulper shark	CPU	1090100802
<i>Centroscyllium fabricii</i>	Black dogfish	CFB	1090101901
<i>Centroscyllium granulatum</i>	Granular dogfish	CYG	1090101902
<i>Centroscyllium kamoharai</i>	Bareskin dogfish	CYK	1090101903
<i>Centroscyllium nigrum</i>	Combtooth dogfish	CYN	1090101904
<i>Centroscyllium ornatum</i>	Ornate dogfish	CYT	1090101905
<i>Centroscyllium ritteri</i>	Whitefin dogfish	CYR	1090101906
<i>Centroscyllium</i> spp	<i>Centroscyllium</i> dogfishes nei	YCX	10901019XX
<i>Centroscyrnus coelolepis</i>	Portuguese dogfish	CYO	1090101601
<i>Centroscyrnus crepidater</i>	Longnose velvet dogfish	CYP	1090101602
<i>Centroscyrnus cryptacanthus</i>	Shortnose velvet dogfish	CYY	1090101603
<i>Centroscyrnus owstoni</i>	Roughskin dogfish	CYW	1090101604
<i>Centroscyrnus plunketi</i>	Plunket shark	CYU	1090101605
<i>Centroscyrnus</i> spp		CZI	10901016XX
<i>Cephaloscyllium fasciatum</i>	Reticulated swellshark	CPF	1080103401
<i>Cephaloscyllium isabellum</i>	Draughtsboard shark	CPS	1080103402
<i>Cephaloscyllium laticeps</i>	Australian swellshark	CPT	1080103403
<i>Cephaloscyllium nascione</i>	Whitefinned swellshark	CPN	1080103404
<i>Cephaloscyllium silasi</i>	Indian swellshark	CPA	1080103405
<i>Cephaloscyllium sufflans</i>	Balloon shark	CPH	1080103406
<i>Cephaloscyllium umbratile</i>	Blotchy swell shark	CPB	1080103407
<i>Cephaloscyllium ventriosum</i>	Swellshark	CPV	1080103408
<i>Cephalurus cephalus</i>	Lollipop catshark	CPC	1080103501
<i>Cetorhinus maximus</i>	Basking shark	BSK	1060100301
<i>Chaenogaleus macrostoma</i>	Hooktooth shark	HCM	1080600101
<i>Chiloscyllium arabicum</i>	Arabian carpetshark	ORA	1070401501
<i>Chiloscyllium burmensis</i>	Burmese bambooshark	KYL	1070401507
<i>Chiloscyllium caerulopunctatum</i>	Bluespotted bambooshark	ORP	1070401502
<i>Chiloscyllium griseum</i>	Grey bambooshark	ORR	1070401503
<i>Chiloscyllium hasselti</i>	Hasselt's bambooshark	YYL	1070401508
<i>Chiloscyllium indicum</i>	Slender bambooshark	ORI	1070401504
<i>Chiloscyllium plagiosum</i>	Whitespotted bambooshark	ORH	1070401505
<i>Chiloscyllium punctatum</i>	Brownbanded bambooshark	ORB	1070401506

Chiloscyllium spp	Bamboosharks nei	OQX	10704015XX
Chlamydoselachus africana	African frilled shark	HWR	1050100102
Chlamydoselachus anguineus	Frilled shark	HXC	1050100101
Cirrhigaleus asper	Roughskin spurdog	CHZ	1090100301
Cirrhigaleus barbifer	Mandarin dogfish	CHF	1090100302
Cirrhoscyllium exolitum	Barbelthroat carpetshark	OPC	1070700101
Cirrhoscyllium formosanum	Taiwan saddled carpetshark	OPF	1070700102
Cirrhoscyllium japonicum	Saddle carpetshark	OPJ	1070700103
Ctenacis fehlmanni	Harlequin catshark	CPE	1080800101
Dalatias licha	Kitefin shark	SCK	1090101801
Deania calcea	Birdbeak dogfish	DCA	1090101401
Deania hystriosa	Rough longnose dogfish	SDH	1090101402
Deania profundorum	Arrowhead dogfish	SDU	1090101403
Deania quadrispinosa	Longsnout dogfish	SDQ	1090101404
Deania spp	Deania dogfishes nei	DNA	10901014XX
Echinorhinus brucus	Bramble shark	SHB	1090600901
Echinorhinus cookei	Prickly shark	ECK	1090600902
Eridacnis barbouri	Cuban ribbontail catshark	PEB	1080800201
Eridacnis radcliffei	Pygmy ribbontail catshark	PEA	1080800202
Eridacnis sinuans	African ribbontail catshark	PED	1080800203
Etmopterus bigelowi	Blurred smooth lantern shark	ETB	1090101002
Etmopterus brachyurus	Shorttail lanternshark	ETH	1090101003
Etmopterus bullisi	Lined lanternshark	ETU	1090101004
Etmopterus compagno		ETE	1090101021
Etmopterus decacuspoidatus	Combtoothed lanternshark	ETO	1090101022
Etmopterus gracilispinis	Broadbanded lanternshark	ETI	1090101007
Etmopterus granulosus	Southern lanternshark(Lucifer)	ETM	1090101008
Etmopterus hillianus	Caribbean lanternshark	ETN	1090101009
Etmopterus lucifer	Blackbelly lanternshark	ETF	1090101010
Etmopterus molleri	Mollers lantern shark	ETL	1090101011
Etmopterus polli	African lanternshark	ETT	1090101012
Etmopterus princeps	Great lanternshark	ETR	1090101005
Etmopterus pusillus	Smooth lanternshark	ETP	1090101006
Etmopterus schultzi	Fringfin lanternshark	ETZ	1090101013

<i>Etmopterus sentosus</i>	Thorny lanternshark	ETQ	1090101014
<i>Etmopterus spinax</i>	Velvet belly	ETX	1090101001
<i>Etmopterus splendidus</i>	Splendid lanternshark	ETK	1090101015
<i>Etmopterus</i> spp	Lanternsharks nei	SHL	10901010XX
<i>Etmopterus unicolor</i>	Brown lanternshark	ETJ	1090101016
<i>Etmopterus villosus</i>	Hawaiian lanternshark	ETV	1090101017
<i>Etmopterus virens</i>	Green lanternshark	ETW	1090101018
<i>Eucrossorhinus dasypogon</i>	Tasselled wobbegong	ORE	1070200101
<i>Euprotomicroides zantedeschia</i>	Taillight shark	EUZ	1090100401
<i>Euprotomicrus bispinatus</i>	Pygmy shark	EUP	1090101201
<i>Eusphyra blochii</i>	Winghead shark	EUB	1080300401
<i>Furgaleus macki</i>	Whiskery shark	TFM	1080402801
<i>Galeocerdo cuvier</i>	Tiger shark	TIG	1080201703
<i>Galeorhinus galeus</i>	Tope shark	GAG	1080401103
<i>Galeus arae</i>	Roughtail catshark	GAA	1080100101
<i>Galeus atlanticus</i>	Atlantic sawtail catshark	GHA	1080100112
<i>Galeus boardmani</i>	Australian sawtail catshark	GAB	1080100102
<i>Galeus eastmani</i>	Gecko catshark	GAE	1080100103
<i>Galeus longirostris</i>		GAO	1080100105
<i>Galeus melastomus</i>	Blackmouth catshark	SHO	1080100104
<i>Galeus murinus</i>	Mouse catshark	GAM	1080100106
<i>Galeus nipponensis</i>	Broadfin sawtail catshark	GAN	1080100107
<i>Galeus piperatus</i>	Peppered catshark	GAP	1080100108
<i>Galeus polli</i>	African sawtail catshark	GAQ	1080100109
<i>Galeus sauteri</i>	Blacktip sawtail catshark	GAI	1080100110
<i>Galeus schultzi</i>	Dwarf sawtail catshark	GAH	1080100111
<i>Galeus</i> spp	Crest-tail catsharks nei	GAU	10801001XX
<i>Ginglymostoma brevicaudatum</i>	Short-tail nurse shark	ORX	1070300902
<i>Ginglymostoma cirratum</i>	Nurse shark	GNC	1070300901
<i>Ginglymostoma</i> spp	Nurse sharks nei	GNG	10703009XX
<i>Glyphis gangeticus</i>	Ganges shark	CGA	1080203301
<i>Glyphis glyphis</i>	Speartooth shark	CGG	1080203302
<i>Gogolia filewoodi</i>	Sailback houndshark	TGF	1080402501
<i>Gollum attenuatus</i>	Slender smooth-hound	CPG	1080800301

<i>Halaelurus alcocki</i>	Arabian catshark	HAA	1080103001
<i>Halaelurus boesemani</i>	Speckled catshark	HAB	1080103002
<i>Halaelurus buergeri</i>	Blackspotted catshark	HAE	1080103003
<i>Halaelurus canescens</i>	Dusky catshark	HAN	1080103004
<i>Halaelurus dawsoni</i>	New Zealand catshark	HAO	1080103005
<i>Halaelurus hispidus</i>	Bristly catshark	HAH	1080103006
<i>Halaelurus immaculatus</i>	Spotless catshark	HAV	1080103007
<i>Halaelurus lineatus</i>	Lined catshark	HAY	1080103008
<i>Halaelurus lutarius</i>	Mud catshark	HAG	1080103009
<i>Halaelurus natalensis</i>	Tiger catshark	HAK	1080103010
<i>Halaelurus quagga</i>	Quagga catshark	HAQ	1080103011
<i>Haploblepharus edwardsii</i>	Puffadder shyshark	HPE	1080100901
<i>Haploblepharus fuscus</i>	Brown shyshark	HPF	1080100902
<i>Haploblepharus pictus</i>	Dark shyshark	HPP	1080100903
<i>Hemigaleus microstoma</i>	Sicklefin weasel shark	HEH	1080601801
<i>Hemipristis elongata</i>	Snaggletooth shark	HEE	1080600201
<i>Hemiscyllium freycineti</i>	Indonesia speckled carpetshark	ORF	1070400201
<i>Hemiscyllium hallstromi</i>	Papuan epaulette shark	ORK	1070400202
<i>Hemiscyllium ocellatum</i>	Epaulette shark	ORN	1070400203
<i>Hemiscyllium strahani</i>	Hooded carpetshark	ORQ	1070400204
<i>Hemiscyllium trispeculare</i>	Speckled carpetshark	ORW	1070400205
<i>Hemitriakis japonica</i>	Japanese topeshark	THJ	1080402901
<i>Hemitriakis leucoperiptera</i>	Whitefin topeshark	THL	1080402902
<i>Heptranchias perlo</i>	Sharpnose sevengill shark	HXT	1050200301
Heterodontiformes	Bullhead sharks	HDQ	104XXXXXXXX
<i>Heterodontus francisci</i>	Horn shark	HEF	1040100101
<i>Heterodontus galeatus</i>	Crested bullhead shark	HEG	1040100102
<i>Heterodontus japonicus</i>	Japanese bullhead shark	HEJ	1040100103
<i>Heterodontus mexicanus</i>	Mexican hornshark	HEM	1040100104
<i>Heterodontus portusjacksoni</i>	Port Jackson shark	HEK	1040100105
<i>Heterodontus quoyi</i>	Galapagos bullhead shark	HEQ	1040100106
<i>Heterodontus ramalheira</i>	Whitespotted bullhead shark	HEA	1040100107
<i>Heterodontus zebra</i>	Zebra bullhead shark	HEZ	1040100108
<i>Heteroscyllium colcloughi</i>	Bluegray carpetshark	OBH	1070600201

<i>Heteroscymnoides marleyi</i>	Longnose pygmy shark	HYY	1090100501
Hexanchiformes	Frilled and cow sharks	HXW	105XXXXXXXX
<i>Hexanchus griseus</i>	Bluntnose sixgill shark	SBL	1050200201
<i>Hexanchus nakamurai</i>	Bigeyed sixgill shark	HXN	1050200202
<i>Holohalaelurus punctatus</i>	African spotted catshark	HOP	1080101101
<i>Holohalaelurus regani</i>	Izak catshark	HOR	1080101102
<i>Hypogaleus hyugaensis</i>	Blacktip tope	THH	1080402701
<i>Iago garricki</i>	Longnose houndshark	TIK	1080402401
<i>Iago omanensis</i>	Bigeye houndshark	TIO	1080402402
<i>Isistius brasiliensis</i>	Cookie cutter shark	ISB	1090101101
<i>Isistius plutodus</i>	Large tooth cookiecutter shark	ISP	1090101102
<i>Isogomphodon oxyrinchus</i>	Daggernose shark	CIO	1080200501
<i>Isurus oxyrinchus</i>	Shortfin mako	SMA	1060800201
<i>Isurus paucus</i>	Longfin mako	LMA	1060800203
<i>Isurus spp</i>	Mako sharks	MAK	10608002XX
<i>Lamiopsis temmincki</i>	Broadfin shark	LMT	1080200701
<i>Lamna ditropis</i>	Salmon shark	LMD	1060800303
<i>Lamna nasus</i>	Porbeagle	POR	1060800301
Lamnidae	Mackerel sharks, porbeagles nei	MSK	10608XXXXX
Lamniformes	Mackerel sharks	LMZ	106XXXXXXXX
<i>Leptocharias smithii</i>	Barbeled houndshark	CLL	1080702001
<i>Loxodon macrorhinus</i>	Sliteye shark	CLD	1080203201
<i>Megachasma pelagios</i>	Megamouth shark	LMP	1060500101
<i>Mitsukurina owstoni</i>	Goblin shark	LMO	1060301201
<i>Mustelus antarcticus</i>	Gummy shark	CTU	1080400701
<i>Mustelus asterias</i>	Starry smooth-hound	SDS	1080400715
<i>Mustelus californicus</i>	Grey smooth-hound	CTN	1080400702
<i>Mustelus canis</i>	Dusky smooth-hound	CTI	1080400703
<i>Mustelus dorsalis</i>	Sharptooth smooth-hound	CTD	1080400704
<i>Mustelus fasciatus</i>	Striped smooth-hound	CTF	1080400705
<i>Mustelus griseus</i>	Spotless smooth-hound	CTE	1080400706
<i>Mustelus henlei</i>	Brown smooth-hound	CTK	1080400707
<i>Mustelus higmani</i>	Smalleye smooth-hound	CTJ	1080400708
<i>Mustelus lenticulatus</i>	Spotted estuary smooth-hound	MTL	1080400709

<i>Mustelus lunulatus</i>	Sicklefin smooth-hound	MUU	1080400710
<i>Mustelus manazo</i>	Starspotted smooth-hound	MTZ	1080400711
<i>Mustelus mento</i>	Speckled smooth-hound	MTE	1080400716
<i>Mustelus mosis</i>	Arabian smooth-hound	MTM	1080400717
<i>Mustelus mustelus</i>	Smooth-hound	SMD	1080400713
<i>Mustelus norrisi</i>	Narrowfin smooth-hound	MTR	1080400714
<i>Mustelus palumbes</i>	Whitespotted smooth-hound	MUP	1080400718
<i>Mustelus punctulatus</i>	Blackspotted smooth-hound	MPT	1080400720
<i>Mustelus schmitti</i>	Narrownose smooth-hound	SDP	1080400712
<i>Mustelus spp</i>	Smooth-hounds nei	SDV	10804007XX
<i>Mustelus whitneyi</i>	Humpback smooth-hound	MUW	1080400721
<i>Nasolamia velox</i>	Whitenose shark	CNX	1080200801
<i>Nebrius ferrugineus</i>	Tawny nurse shark	ORZ	1070302401
<i>Negaprion acutidens</i>	Sicklefin lemon shark	NGA	1080202702
<i>Negaprion brevirostris</i>	Lemon shark	NGB	1080202701
<i>Notorynchus cepedianus</i>	Broadnose sevengill shark	NTC	1050200502
<i>Odontaspis ferox</i>	Smalltooth sand tiger	LOO	1060200601
<i>Odontaspis noronhai</i>	Bigeye sand tiger shark	ODH	1060200602
<i>Orectolobiformes</i>	Carpet sharks	OCX	107XXXXXXX
<i>Orectolobus maculatus</i>	Spotted wobbegong	ORT	1070200202
<i>Orectolobus ornatus</i>	Ornate wobbegong	ORO	1070200203
<i>Orectolobus wardi</i>	Northern wobbegong	ORV	1070200204
<i>Oxynotus bruniensis</i>	Prickly dogfish	OXB	1090500603
<i>Oxynotus caribbaeus</i>	Caribbean roughshark	OXC	1090500604
<i>Oxynotus centrina</i>	Angular roughshark	OXY	1090500601
<i>Oxynotus japonicus</i>	Japanese roughshark	OXZ	1090500605
<i>Oxynotus paradoxus</i>	Sailfin roughshark	OXN	1090500602
<i>Paragaleus leucolomatus</i>	Whitetip weasel shark	HEC	1080600301
<i>Paragaleus pectoralis</i>	Atlantic weasel shark	HEI	1080600302
<i>Paragaleus randalli</i>	Slender weasel shark	IEI	1080600304
<i>Paragaleus tengi</i>	Straight-tooth weasel shark	HEN	1080600303
<i>Parascyllium collare</i>	Collared carpetshark	OPY	1070700201
<i>Parascyllium ferrugineum</i>	Rusty carpetshark	OPE	1070700202
<i>Parascyllium variolatum</i>	Necklace carpetshark	OPV	1070700204



<i>Parmaturus campechiensis</i>	Campeche catshark	PAH	1080101301
<i>Parmaturus macmillani</i>	McMillan's cat shark	PAE	1080101302
<i>Parmaturus melanobranchius</i>	Blackgill catshark	PAV	1080101303
<i>Parmaturus pilosus</i>	Salamander shark	PAW	1080101304
<i>Parmaturus xaniurus</i>	Filetail catshark	PAY	1080101305
<i>Pentanchus profundicolus</i>	Onefin catshark	PEU	1080103101
<i>Pliotrema warreni</i>	Sixgill sawshark	PPW	1090200401
<i>Poroderma africanum</i>	Striped catshark	POU	1080103601
<i>Poroderma marleyi</i>	Barbeled catshark	POE	1080103602
<i>Poroderma pantherinum</i>	Leopard catshark	POH	1080103603
<i>Prionace glauca</i>	Blue shark	BSH	1080200401
<i>Pristiophorus cirratus</i>	Longnose sawshark	PPC	1090200301
<i>Pristiophorus japonicus</i>	Japanese sawshark	PPJ	1090200302
<i>Pristiophorus nudipinnis</i>	Shortnose sawshark	PPU	1090200303
<i>Pristiophorus schroederi</i>	Bahamas sawshark	PPH	1090200304
<i>Pristiophorus</i> spp	Sawsharks nei	PWS	10902004XX
<i>Proscyllium habereri</i>	Graceful catshark	CPY	1080800401
<i>Pseudocarcharias kamoharai</i>	Crocodile shark	PSK	1060403601
<i>Pseudotriakis microdon</i>	False catshark	PTM	1080502801
<i>Rhincodon typus</i>	Whale shark	RHN	1070500401
<i>Rhizoprionodon acutus</i>	Milk shark	RHA	1080204002
<i>Rhizoprionodon lalandii</i>	Brazilian sharpnose shark	RHL	1080204003
<i>Rhizoprionodon longurio</i>	Pacific sharpnose shark	RHU	1080204004
<i>Rhizoprionodon oligolinx</i>	Grey sharpnose shark	RHX	1080204005
<i>Rhizoprionodon porosus</i>	Caribbean sharpnose shark	RHR	1080204006
<i>Rhizoprionodon</i> spp	Sharpnose sharks nei	RHZ	10802040XX
<i>Rhizoprionodon taylori</i>	Australian sharpnose shark	RHY	1080204007
<i>Rhizoprionodon terraenovae</i>	Atlantic sharpnose shark	RHT	1080204001
<i>Schroederichthys bivius</i>	Narrowmouthed catshark	SHV	1080100401
<i>Schroederichthys chilensis</i>	Redspotted catshark	SHY	1080100402
<i>Schroederichthys maculatus</i>	Narrowtail catshark	SHU	1080100403
<i>Schroederichthys tenuis</i>	Slender catshark	SHN	1080100404
<i>Scoliodon laticaudus</i>	Spadenose shark	SLA	1080202101
Scyliorhinidae	Catsharks, etc. nei	SYX	10801XXXXX

Scyliorhinus besnardi	Polkadot catshark	SYB	1080100303
Scyliorhinus boa	Boa catshark	SYA	1080100304
Scyliorhinus canicula	Small-spotted catshark	SYC	1080100301
Scyliorhinus capensis	Yellowspotted catshark	SYP	1080100305
Scyliorhinus cervigoni	West African catshark	SYE	1080100306
Scyliorhinus garmani	Brownspotted catshark	SYG	1080100307
Scyliorhinus haeckelii	Freckled catshark	SYH	1080100308
Scyliorhinus hesperius	Whitesaddled catshark	SYU	1080100309
Scyliorhinus meadi	Blotched catshark	SYM	1080100310
Scyliorhinus retifer	Chain catshark	SYF	1080100311
Scyliorhinus spp	Catsharks, nursehounds nei	SCL	10801003XX
Scyliorhinus stellaris	Nursehound	SYT	1080100302
Scyliorhinus tokubee		SYK	1080100312
Scyliorhinus torazame	Cloudy catshark	SYZ	1080100313
Scyliorhinus torrei	Dwarf catshark	SYI	1080100314
Scylliogaleus queketti	Flapnose houndshark	TSK	1080403001
Scymnodalatias albicauda	Whitetail dogfish	YSA	1090101501
Scymnodalatias sherwoodi	Sherwood dogfish	YSS	1090101502
Scymnodon macracanthus	Largespine velvet dogfish	YSM	1090101703
Scymnodon obscurus	Smallmouth knifetooth dogfish	SYO	1090101701
Scymnodon ringens	Knifetooth dogfish	SYR	1090101702
Scymnodon spp	Scymnodon dogfishes nei	QUX	10901017XX
Scymnodon squamulosus	Velvet dogfish	SSQ	1090101704
Somniosus microcephalus	Greenland shark	GSK	1090100201
Somniosus pacificus	Pacific sleeper shark	SON	1090100203
Somniosus rostratus	Little sleeper shark	SOR	1090100202
Sphyrna corona	Scalloped bonnethead	SSN	1080300503
Sphyrna couardi	Whitefin hammerhead	SPV	1080300504
Sphyrna lewini	Scalloped hammerhead	SPL	1080300506
Sphyrna media	Scoophead	SPE	1080300507
Sphyrna mokarran	Great hammerhead	SPK	1080300510
Sphyrna spp	Hammerhead sharks nei	SPN	10803005XX
Sphyrna tiburo	Bonnethead	SPJ	1080300509
Sphyrna tudes	Smalleye hammerhead	SPQ	1080300508

<i>Sphyrna zygaena</i>	Smooth hammerhead	SPZ	1080300501
Sphyrnidae	Hammerhead sharks, etc. nei	SPY	10803XXXXX
Squalidae	Dogfish sharks nei	DGX	10901XXXXX
Squalidae, Scyliorhinidae	Dogfishes and hounds nei	DGH	10901XXXXX040
Squaliformes	Dogfish sharks, etc. nei	SHX	109XXXXXXX
<i>Squaliolus aliae</i>	Smalleye pygmy shark	QUA	1090102801
<i>Squaliolus laticaudus</i>	Spined pygmy shark	QUL	1090102802
<i>Squalus acanthias</i>	Picked dogfish	DGS	1090100704
<i>Squalus blainville</i>	Longnose spurdog	QUB	1090100701
<i>Squalus cubensis</i>	Cuban dogfish	QUC	1090100702
<i>Squalus japonicus</i>	Japanese spurdog	QUJ	1090100703
<i>Squalus megalops</i>	Shortnose spurdog	DOP	1090100708
<i>Squalus melanurus</i>	Blacktailed spurdog	QUN	1090100707
<i>Squalus mitsukurii</i>	Shortspine spurdog	QUK	1090100705
<i>Squalus rancureli</i>	Cyrano spurdog	QUR	1090100706
<i>Squalus</i> spp	Dogfishes nei	DGZ	10901007XX
<i>Squalus suckleyi</i>	Spotted spiny dogfish	QYW	1090100709
<i>Squatina aculeata</i>	Sawback angelshark	SUA	1090300402
<i>Squatina africana</i>	African angelshark	SUF	1090300403
<i>Squatina argentina</i>	Argentine angelshark	SUG	1090300404
<i>Squatina australis</i>	Australian angelshark	SUU	1090300405
<i>Squatina californica</i>	Pacific angelshark	SUC	1090300406
<i>Squatina dumeril</i>	Sand devil	SUD	1090300407
<i>Squatina formosa</i>	Taiwan angle shark	SUO	1090300408
<i>Squatina guggenheim</i>	Angular angel shark	SWV	1090300414
<i>Squatina japonica</i>	Japanese angelshark	SUJ	1090300409
<i>Squatina nebulosa</i>	Clouded angelshark	SUL	1090300410
<i>Squatina occulta</i>	Hidden angel shark	SZJ	1090300415
<i>Squatina oculata</i>	Smoothback angelshark	SUT	1090300411
<i>Squatina squatina</i>	Angelshark	AGN	1090300401
<i>Squatina tergocellata</i>	Ornate angelshark	SUE	1090300412
<i>Squatina tergocellatoides</i>	Ocellated angelshark	SUN	1090300413
Squatinidae	Angelsharks, sand devils nei	ASK	10903XXXXX
<i>Stegostoma fasciatum</i>	Zebra shark	OSF	1070100101

Sutorectus tentaculatus	Cobbler wobbegong	ORS	1070200301
Triaenodon obesus	Whitetip reef shark	TRB	1080202201
Triakidae	Houndsharks, smoothhounds nei	TRK	10804XXXXX
Triakis acutipinna	Sharppin houndshark	TTA	1080402301
Triakis maculata	Spotted houndshark	TTM	1080402303
Triakis megalopterus	Sharptooth houndshark	TTE	1080402304
Triakis scyllium	Banded houndshark	TTY	1080402305
Triakis semifasciata	Leopard shark	LES	1080402302

### Swordfish

Scientific name	English name	3A_CODE	TAXOCODE
Xiphias gladius	Swordfish	SWO	1750400301

### Tunas

Scientific name	English name	3A_CODE	TAXOCODE
Katsuwonus pelamis	Skipjack tuna	SKJ	1750102501
Thunnus alalunga	Albacore	ALB	1750102605
Thunnus albacares	Yellowfin tuna	YFT	1750102610
Thunnus maccoyii	Southern bluefin tuna	SBF	1750102608
Thunnus obesus	Bigeye tuna	BET	1750102612
Thunnus orientalis	Pacific bluefin tuna	PBF	1750102602
Thunnus thynnus	Atlantic bluefin tuna	BFT	1750102601
Thunnini	Tunas nei	TUN	17501XXXXX043
Thunnus spp	True tunas nei	TUS	17501026XX