TABLE 3.4.2a_ANNEX 3. GREATER ATLANTIC REGION SPECIES AND GROUPS WITH ESTIMATES OF 0.00, BY FISHERY (2015)--an X signifies that the species has an estimate of 0.00; MA = Mid-Atlantic, NE = New England See Table 3.4.2a for footnotes

Species	NE Large-Mesh Haddock Separator Otter Trawl	NE Large-Mesh Otter Trawl	NE Large-Mesh Ruhle Otter Trawl	NE Limited Access Closed Area Scallop Dredge	NE Limited Access Open Area Scallop Dredge	NE Lobster Pots	NE Open-Area Mid-Water Otter Trawl	NE Purse Seine	NE Small-Mesh Otter Trawl
Acadian redfish (a)			X	X			X	X	
African pompano (t)	X	X	X	X	X	X	X	X	X
Alewife (t)				X	X	X			
Amberjack, unc (o, t)	X	X	X	X	X	X	X	X	
American eel (t)	X	X	X	X	X	X	X	X	X
American lobster (t)							X	X	
American plaice							X	X	
American shad (t)			X	X	X	X	X	X	
Atlantic angel shark (t)	X	X	X	X	X	X	X	X	X
Atlantic bonito (t)	X	X	X	X	X	X	X	X	
Atlantic cod (b)							X	X	
Atlantic croaker (t)	X	X	X	X	X	X	X	X	
Atlantic hagfish (t)	X		X	X		X	X	X	X
Atlantic halibut			X	X			X	X	
Atlantic herring									
Atlantic mackerel									
Atlantic moonfish (t)	X	X	X	X	X	X	X	X	X
Atlantic salmon (c)	X	X	X	X	X	X	X	X	X
Atlantic sharpnose shark (t)	X	X	X	X	X	X	X	X	X
Atlantic sturgeon (c, t)	X		X	X	X	X	X	X	X
Atlantic surfclam	X		X	X		X	X	X	
Atlantic wolffish (d)			X	X			X	X	
Basking shark (t)	X			X	X	X	X	X	
Benthic species, other (o, t, u, v)							X	X	
Bigeye scad (t)	X	X	X	X	X	X	X	X	X
Bigeye thresher (t)	X	X	X	X	X	X	X	X	X
Bigeye tuna (t)	X	X	X	X	X	X	X	X	X
Bignose shark (t)	X	X	X	X	X	X	X	X	X
Bivalves, other (o, t)	X		X			X	X	X	
Black drum (t)	X	X	X	X	X	X	X	X	
Black sea bass			X	X			X	X	
Blackfin tuna (t)	X	X	X	X	X	X	X	X	X
Blacknose shark (t)	X	X	X	X	X	X	X	X	X
Blacktip shark (t)	X	X	X	X	X	X	X	X	X
Blue runner (t)	X	X	X	X	X	X	X	X	
Blue shark (t)	X		X	X	X	X	X	X	
Blueback herring (t)				X	X	X		X	
Bluefin tuna (t)	X	X	X	X	X	X	X	X	
Bluefish	X		X	X	X	X	X	X	
Blueline tilefish (t)	X	X	X	X	X		X	X	
Bonnethead shark (t)	X	X	X	X	X	X	X	X	X

Bony fishes, other (o, t)	X		X	X					
Butterfish			X	X		X	X	X	
Carcharhinid shark, unc (o, t)	X		X	X	X	X	X	X	
Chain dogfish (t)	X		X	X			X	X	
Cobia (t)	X	X	X	X	X	X	X	X	X
Crevalle jack (t)	X	X	X	X	X	X	X	X	X
Croakers and drums, other (o, t)	X		X	X	X	X	X	X	
Cunner (t)			X	X			X	X	
Cusk (t)			X	X	X		X	X	
Decapod crabs (o, t)			X				X	X	
Decapod shrimps (o, t)			X	X		X	X	X	
Demersal species, other (o, t, u)			X				X	X	
Dolphinfish, unc (o, t)	X	X	X	X	X	X	X	X	X
Dories, other (o, t)			X	X			X	X	
Dusky shark (t)	X		X	X	X	X	X	X	
Finetooth shark (t)	X	X	X	X	X	X	X	X	X
Flatfishes, other (o, t)			X			X	X	X	
Florida pompano (t)	X	X	X	X	X	X	X	X	X
Gadiformes, other			X	X			X	X	
Gastropod snails, other (o, t)			X				X	X	
Great hammerhead (t)	X	X	X	X	X	X	X	X	X
Greenland shark (t)	X	X	X	X	X	X	X	X	X
Groupers, unc (o, t)	X	X	X	X	X	X	X	X	X
Haddock (g)							X	X	
Hammerhead shark, unc (o, t)	X	X	X	X	X	X	X	X	
Herrings, other (o, t)			X	X		X	X	X	
Hickory shad (t)	X	X	X	X	X	X	X	X	X
Hogfish (t)	X	X	X	X	X	X	X	X	X
Horseshoe crab (t)	X		X	X		X	X	X	
Jacks (o, t)	X	X	X	X	X	X	X	X	
Jonah crab (t)			X				X	X	
King mackerel (t)	X	X	X	X	X	X	X	X	X
Little tunny (t)	X	X	X	X	X	X	X	X	X
Longfin inshore squid (h)						X	X	X	
Lookdown (t)	X	X	X	X	X	X	X	X	X
Mackerel scad (t)	X	X	X	X	X	X	X	X	X
Mackerels, other (o, t)	X	X	X	X	X	X	X	X	
Marlin, unc (o, t)	X	X	X	X	X	X	X	X	X
Menhaden, unc (o, t)			X	X		X	X	X	
Monkfish (e, f)							X	X	
Night shark (t)	X	X	X	X	X	X	X	X	X
Northern shortfin squid (i)			X	X		X	X	X	
Ocean pout			X	X			X	X	
Ocean quahog	X		X	X		X	X	X	
Offshore hake	X		X	X		X	X	X	
Pandalid shrimp (northern) (t)	X		X	X	X	X	X	X	
Pelagic shark, unc (o, t)	X	X	X	X	X	X	X	X	X

Pelagic species, other (o, t, u)	X		X	X	X	X	X	X	
Penaeid shrimp (southern), unc (o, t)	X	X	X	X	X	X	X	X	X
Perciformes, other (demersal) (o, t)				X			X	X	
Perciformes, other (pelagic) (o, t)	X	X	X	X	X		X	X	
Pigfish (t)	X	X	X	X	X	X	X	X	X
Pilotfish (t)	X	X	X	X	X	X	X	X	
Pinfish (t)	X	X	X	X	X	X	X	X	
Pipefishes (demersal) (o, t)	X	X	X	X	X	X	X	X	
Pipefishes (pelagic) (o, t)	X	X	X	X		X	X	X	X
Pollock			X	X	X		X	X	
Porbeagle shark (t)				X	X	X		X	
Porgy, unc (o, t)	X	X	X	X	X	X	X	X	X
Quahog (hard shell clam) (t)	X		X	X	X	X	X	X	
Ray-finned fishes, other (demersal) (o, t)			X	X			X	X	
Ray-finned fishes, other (pelagic) (o, t)	X		X	X		X	X	X	
Rays, other (demersal) (o, t)	X		X	X	X	X	X	X	
Rays, other (pelagic) (o, t)	X	X	X	X	X	X	X	X	X
Red deepsea crab (j)			X	X	X		X	X	
Red drum (t)	X	X	X	X	X	X	X	X	X
Red hake (k)							X	X	
Red snapper (t)	X	X	X	X	X	X	X	X	X
Rough scad (t)	X	X	X	X	X	X	X	X	
Sand perch (t)	X	X	X	X	X	X	X	X	X
Sand tiger shark (t)	X		X	X	X	X	X	X	X
Sandbar shark (t)	X		X	X	X	X	X	X	
Scalloped hammerhead shark (c, t)	X	X	X	X	X	X	X	X	X
Scorpionfishes, other (o, t)							X	X	
Scup	X		X	X			X	X	
Sea bass, unc (o, t)	X	X	X	X	X	X	X	X	
Sea scallop (l)			X			X	X	X	
Sevengill sharpnose shark (t)	X	X	X	X	X	X	X	X	X
Shark, unc (o, t)	X		X	X	X	X		X	
Sheepshead (t)	X	X	X	X	X	X	X	X	X
Shortfin mako (t)	X	X	X	X	X	X	X	X	
Silky shark (t)	X	X	X	X	X	X	X	X	X
Silver hake (m)							X	X	
Skate complex (n, o)							X	X	
Skipjack tuna (t)	X	X	X	X	X	X	X	X	X
Smalltooth sand shark (t)	X	X	X	X	X	X	X	X	X
Smooth dogfish (t)	X		X	X			X	X	
Smooth hammerhead shark (t)	X	X	X	X	X	X	X	X	X
Snapper, unc (o, t)	X	X	X	X	X	X	X	X	X
Snowy grouper (t)	X	X	X	X	X	X	X	X	X
Soft coral, unc (o, t)	X		X	X	X		X	X	
Spadefishes (o, t)	X	X	X	X	X	X	X	X	X
Spanish mackerel (t)	X	X	X	X	X	X	X	X	X
Spinner shark (t)	X	X	X	X	X	X	X	X	X

Spiny dogfish							X	X	
Spot (t)	X		X	X	X	X	X	X	X
Spotted seatrout (t)	X	X	X	X	X	X	X	X	X
Squids, unc (o, t)			X	X	X	X	X	X	
Stingrays, other (demersal)	X		X	X	X	X	X	X	
Stingrays, other (pelagic) (o, t)	X	X	X	X	X	X	X	X	
Stony coral (t)	X		X	X	X	X	X	X	X
Striped bass (t)	X		X	X	X		X	X	
Summer flounder			X				X	X	
Swordfish (t)	X	X	X	X	X	X	X	X	
Tautog (t)	X		X	X	X		X	X	
Tetraodontiformes, other (demersal) (o, t)	X		X	X	X	X	X	X	
Tetraodontiformes, other (pelagic) (o, t)	X		X	X	X	X	X	X	
Thresher shark (t)	X		X	X	X	X		X	
Tiger shark (t)	X	X	X	X	X	X	X	X	X
Tilefish	X		X	X	X		X	X	
Tilefish, unc (o, t)	X	X	X	X	X	X	X	X	X
Triggerfishes, unc (o, t)	X		X	X	X		X	X	
Tuna, unc (o, t)	X		X	X	X	X	X	X	X
Wahoo (t)	X	X	X	X	X	X	X	X	
Weakfish (t)	X		X	X	X	X	X	X	
Whelks, other (o, t)	X		X	X			X	X	
White hake			X				X	X	
White marlin (t)	X	X	X	X	X	X	X	X	X
White shark (t)	X	X	X	X	X	X	X	X	X
Windowpane (p, q)							X	X	
Winter flounder (r)			X				X	X	
Witch flounder							X	X	
Yellowfin tuna (t)	X	X	X	X	X	X	X	X	X
Yellowtail flounder (s)						X	X	X	