

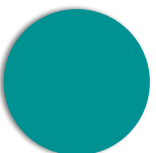
Supplementary Information

“Characterizing Fisheries Connectivity in Marine Social-Ecological Systems”

Fisheries connectivity networks for all major port-groups in the U.S. California Current Large Marine Ecosystem (for the years 2009-2010)



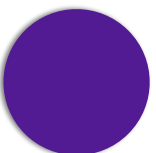
Hook and line



Nets



Troll



Miscellaneous



Trawl



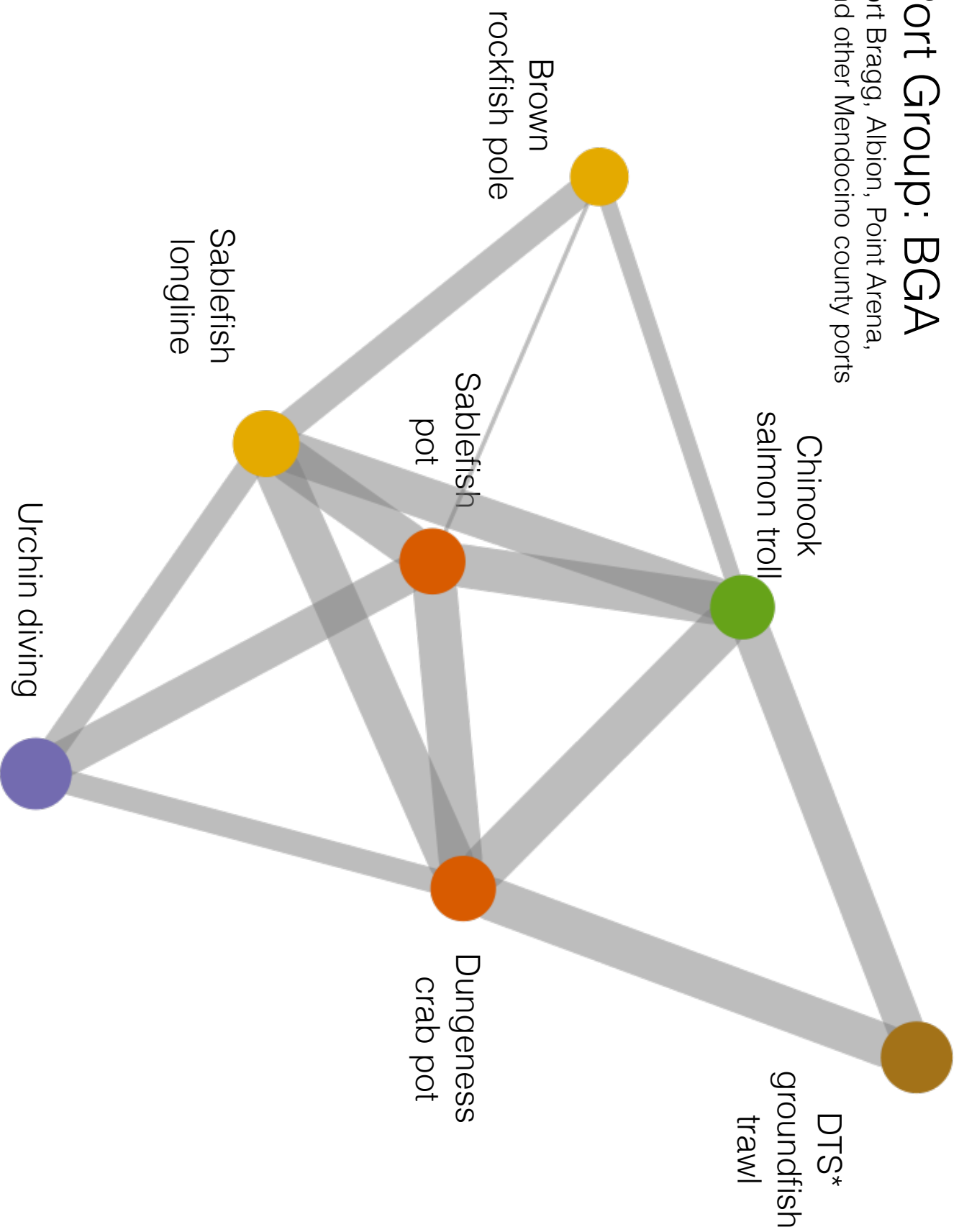
Pots



Shrimp trawl

Port Group: BGA

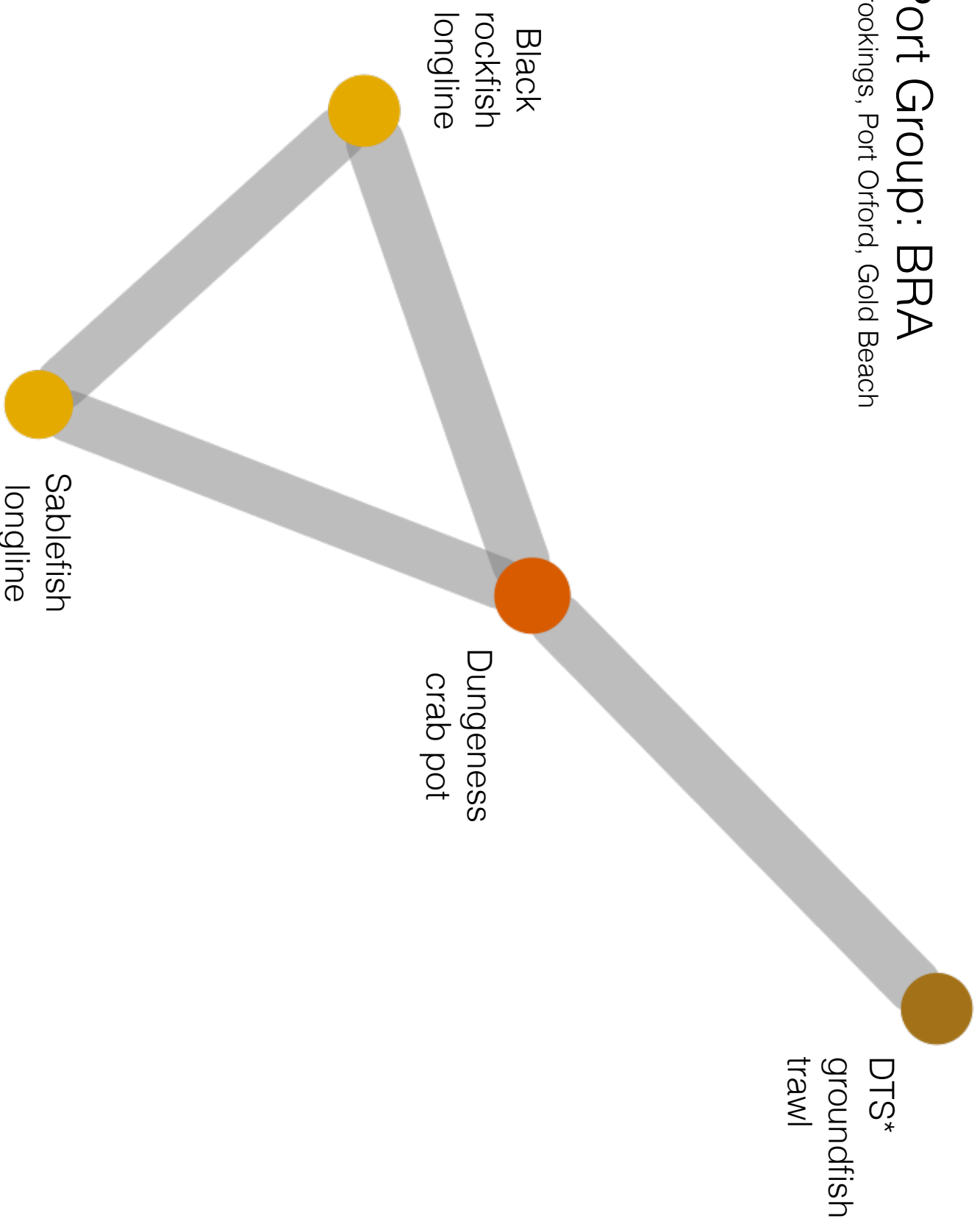
Fort Bragg, Albion, Point Arena,
and other Mendocino county ports



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: BRA

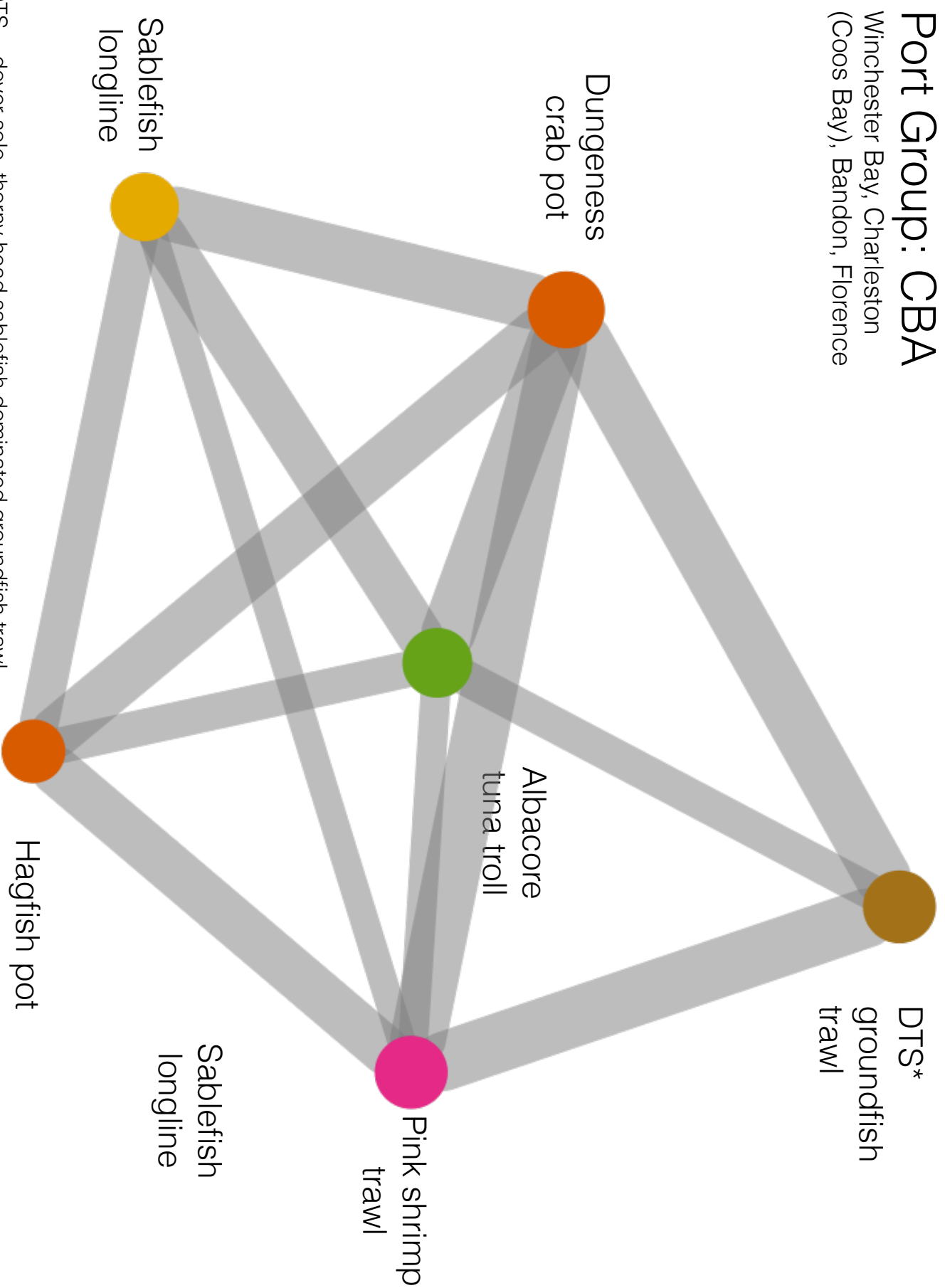
Brookings, Port Orford, Gold Beach



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: CBA

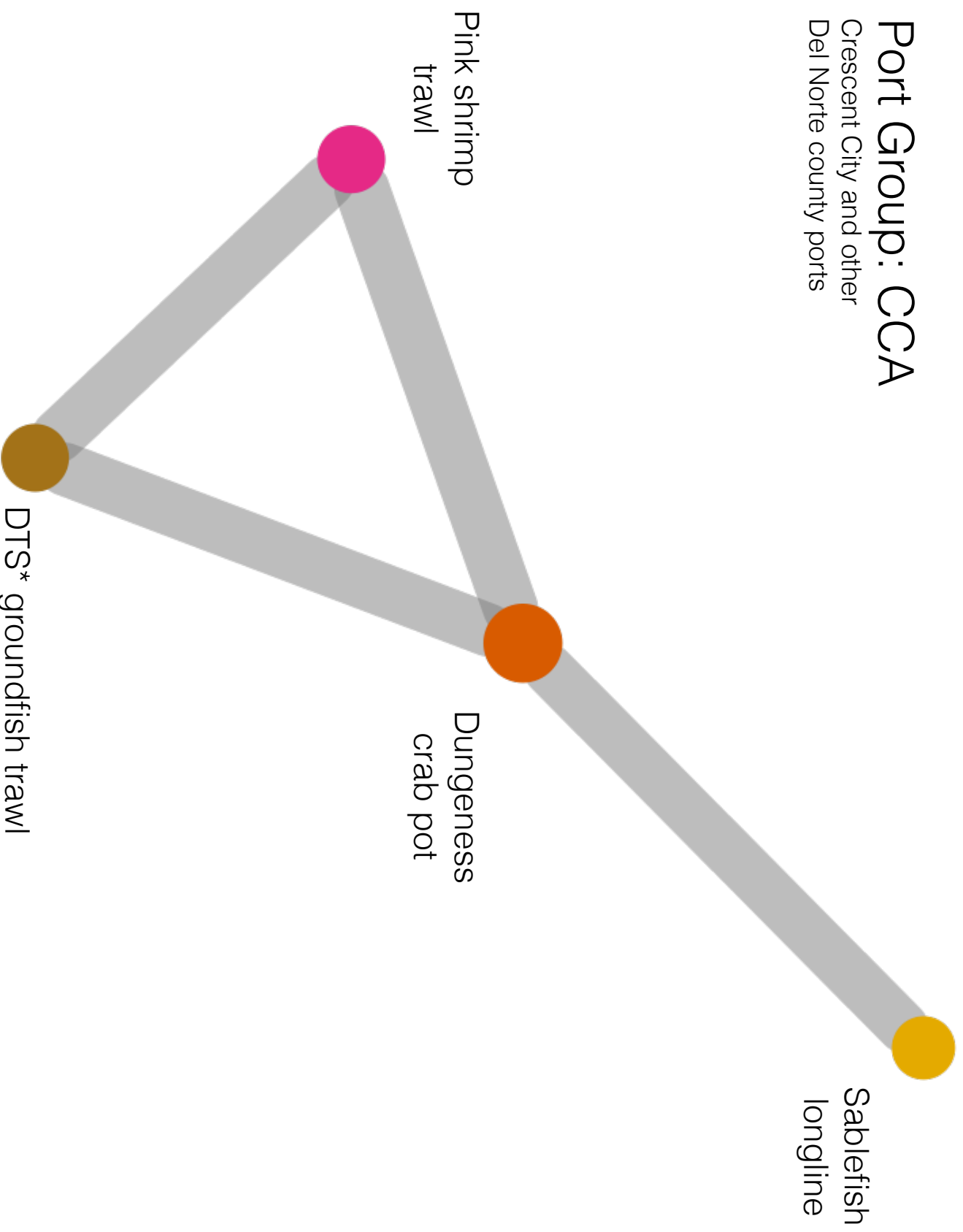
Winchester Bay, Charleston
(Coos Bay), Bandon, Florence



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: CCA

Crescent City and other
Del Norte county ports



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: CLO

Astoria, Cannon Beach,
Seaside-Gearhart

Chinook
salmon
gillnet

Dungeness
crab pot

Pink shrimp
trawl

Albacore
tuna troll

DTS* groundfish trawl

Pacific
sardine
purse seine

*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: CLW

Ilwaco/Chinook, other Columbia
river ports

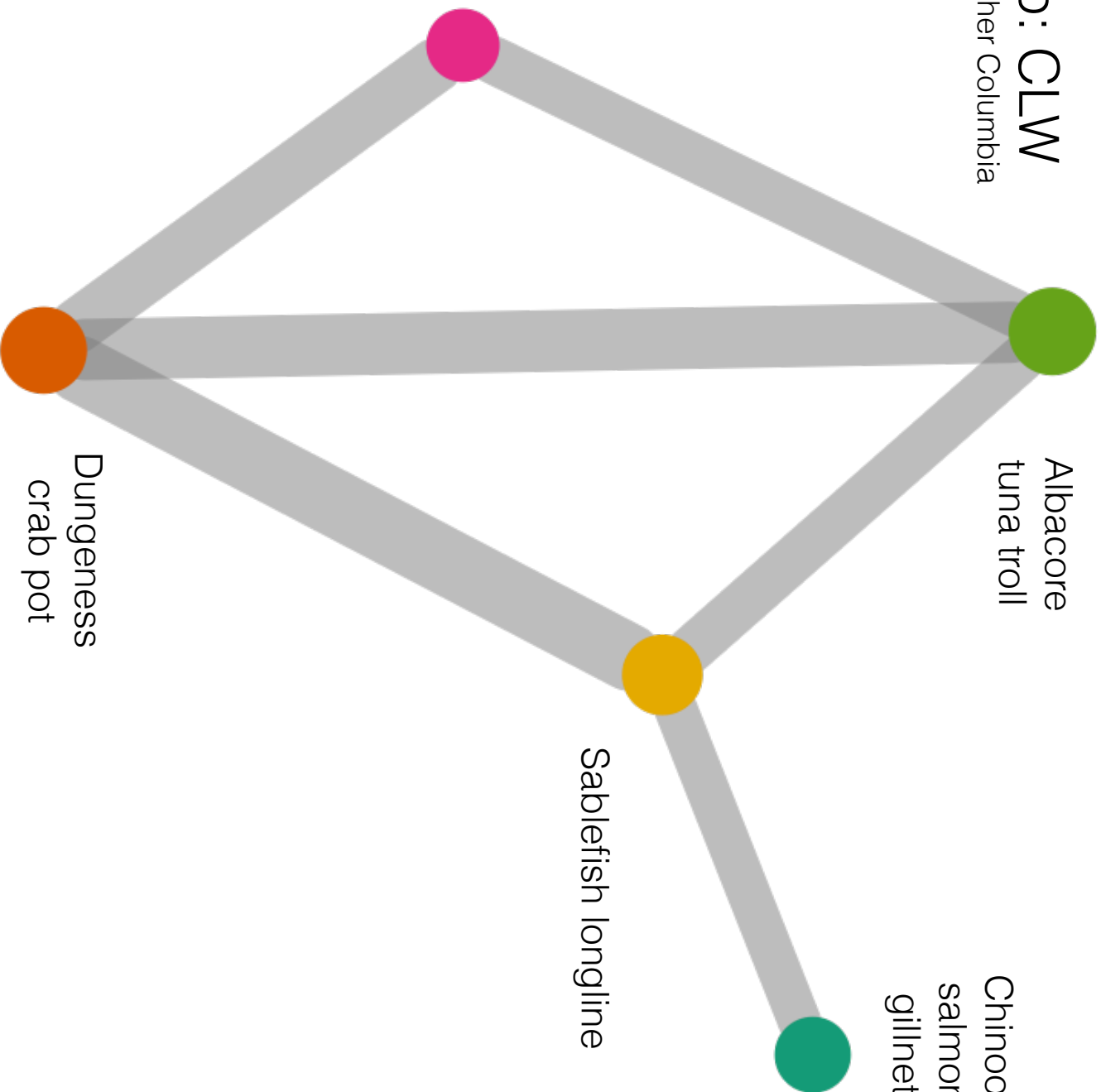
Albacore
tuna troll

Chinook
salmon
gillnet

Sablefish longline

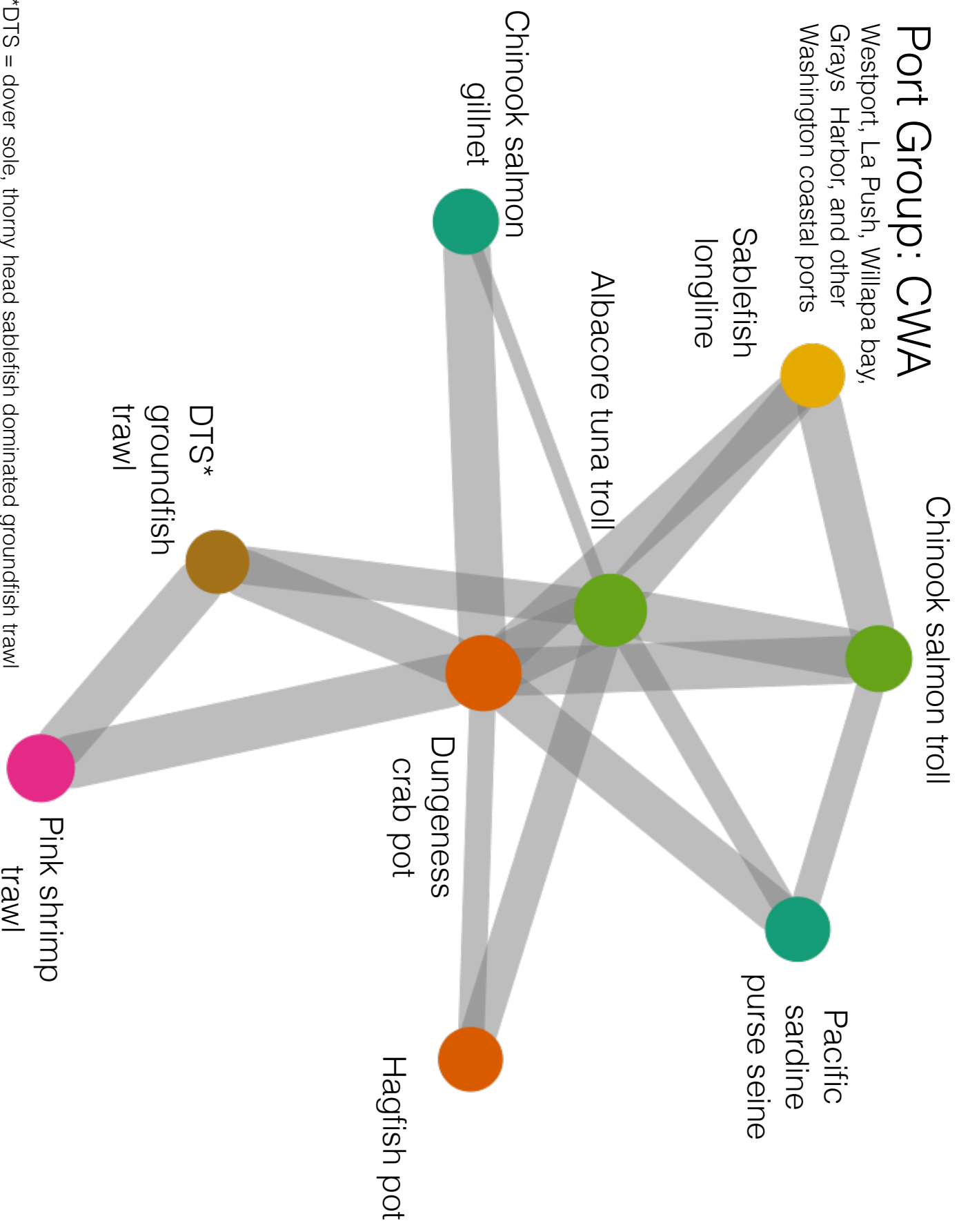
Pink shrimp
trawl

Dungeness
crab pot



Port Group: CWA

Westport, La Push, Willapa bay,
Grays Harbor, and other
Washington coastal ports



Port Group: ERA

Eureka, Fields Landing,
Trinidad, and other Humboldt
county ports

Hagfish pot

DTS*
groundfish
trawl

Dungeness
crab pot

Sablefish longline

Albacore
tuna troll

*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: LAA

Long Beach, San Pedro, Dana Point, Terminal Island, Newport Beach, Wilmington, and other LA and Orange county ports

Sablefish
longline

Market squid
purse seine

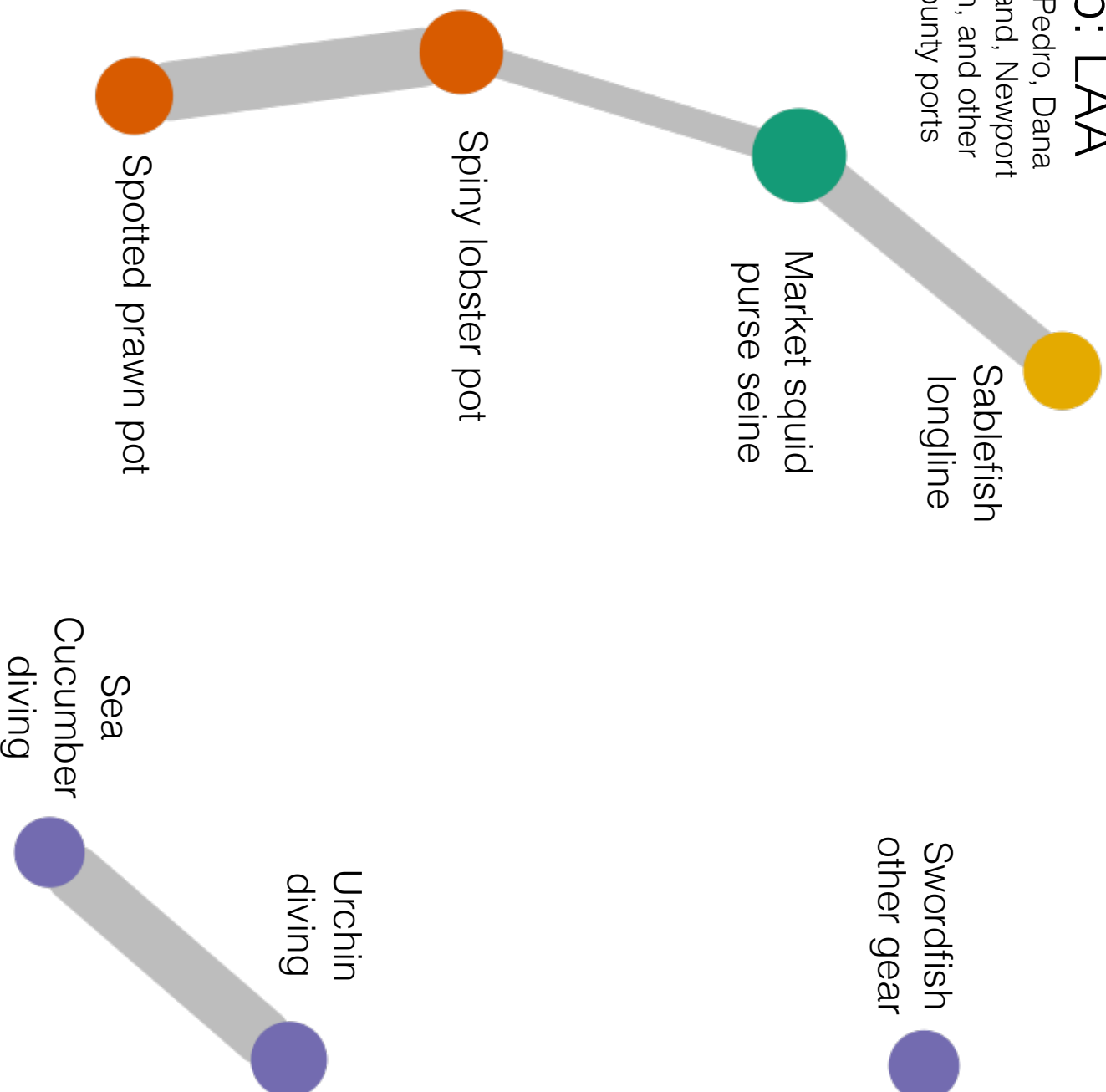
Spiny lobster pot

Spotted prawn pot

Swordfish
other gear

Urchin
diving

Sea
Cucumber
diving



Port Group: MNA

Santa Cruz, Moss landing, Monterey and other Santa Cruz and Monterey county ports

Sablefish pot

Spotted prawn pot

black-and-yellow
rockfish, cabezon,
grass rockfish pole

Dungeness
crab pot

White
seabass
pole

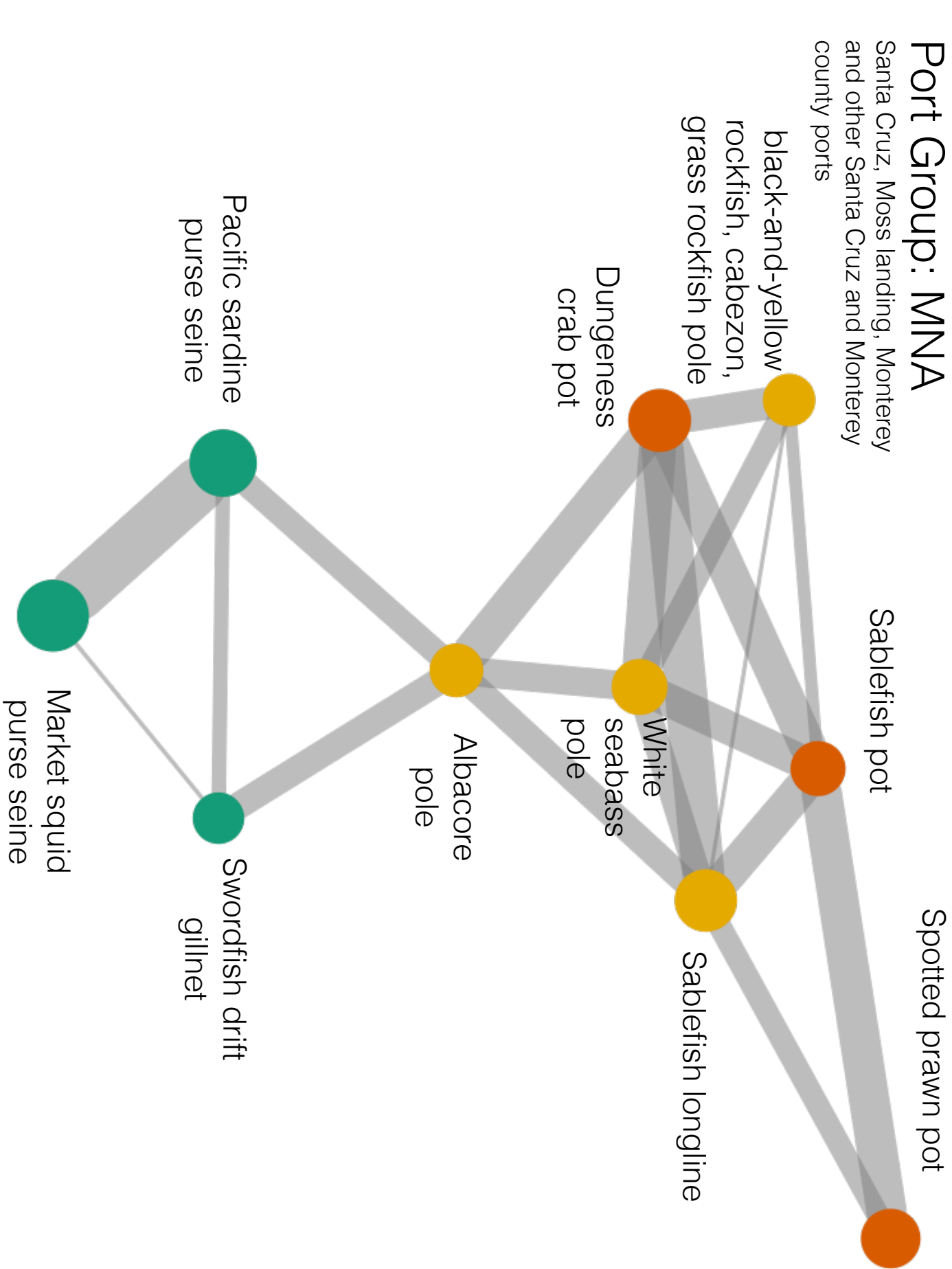
Sablefish longline

Albacore
pole

Pacific sardine
purse seine

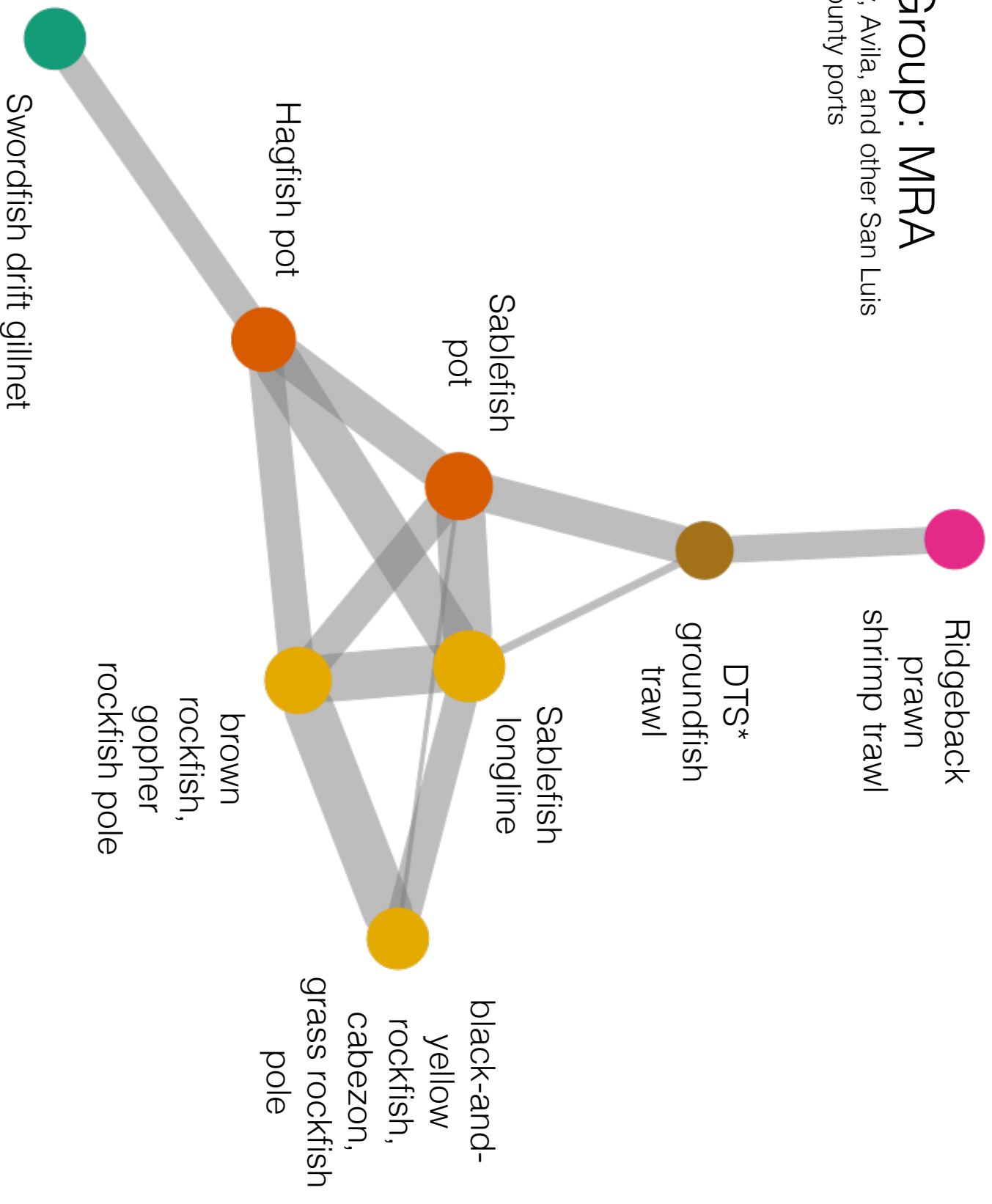
Swordfish drift
gillnet

Market squid
purse seine



Port Group: MRA

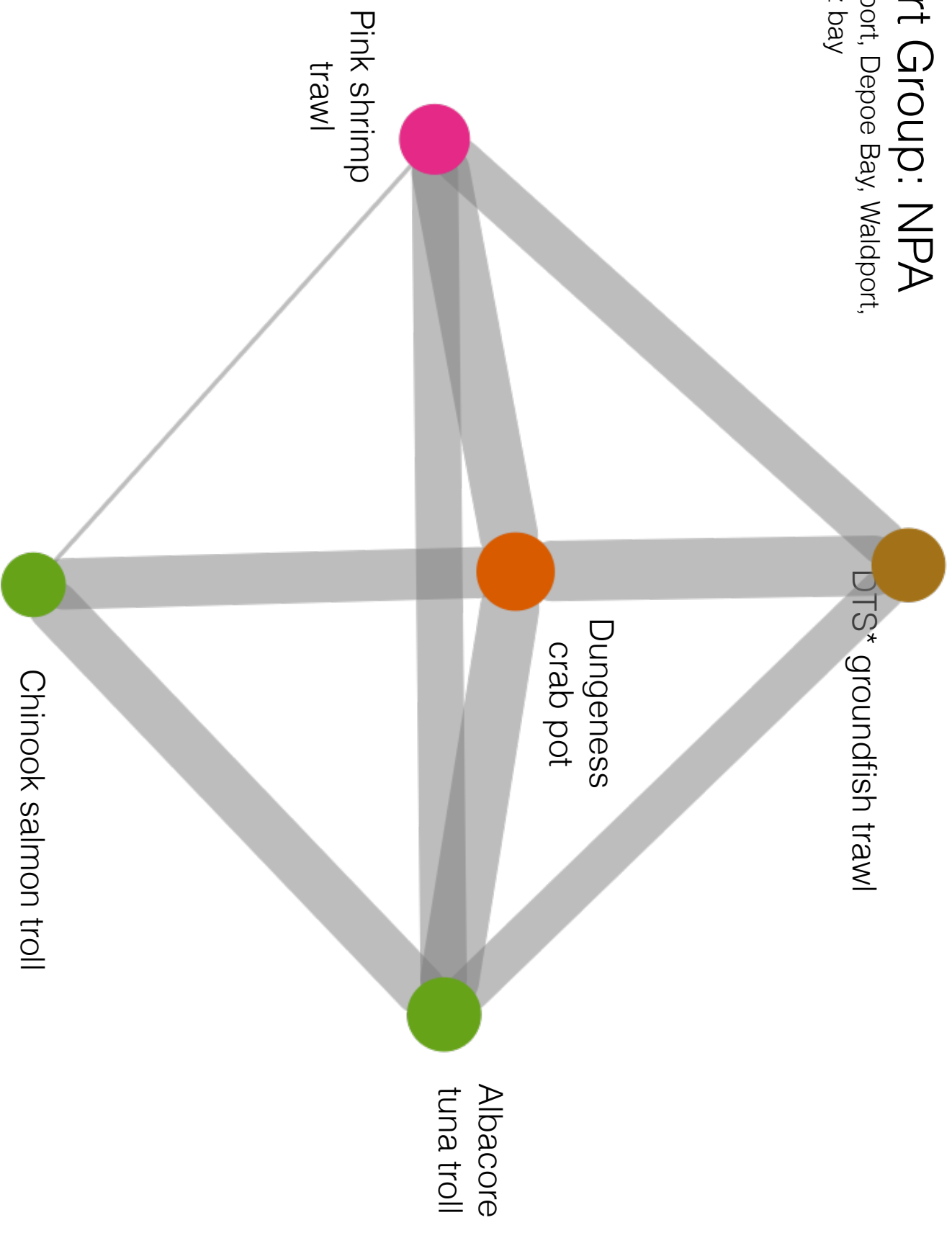
Morro Bay, Avila, and other San Luis
Obispo county ports



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: NPA

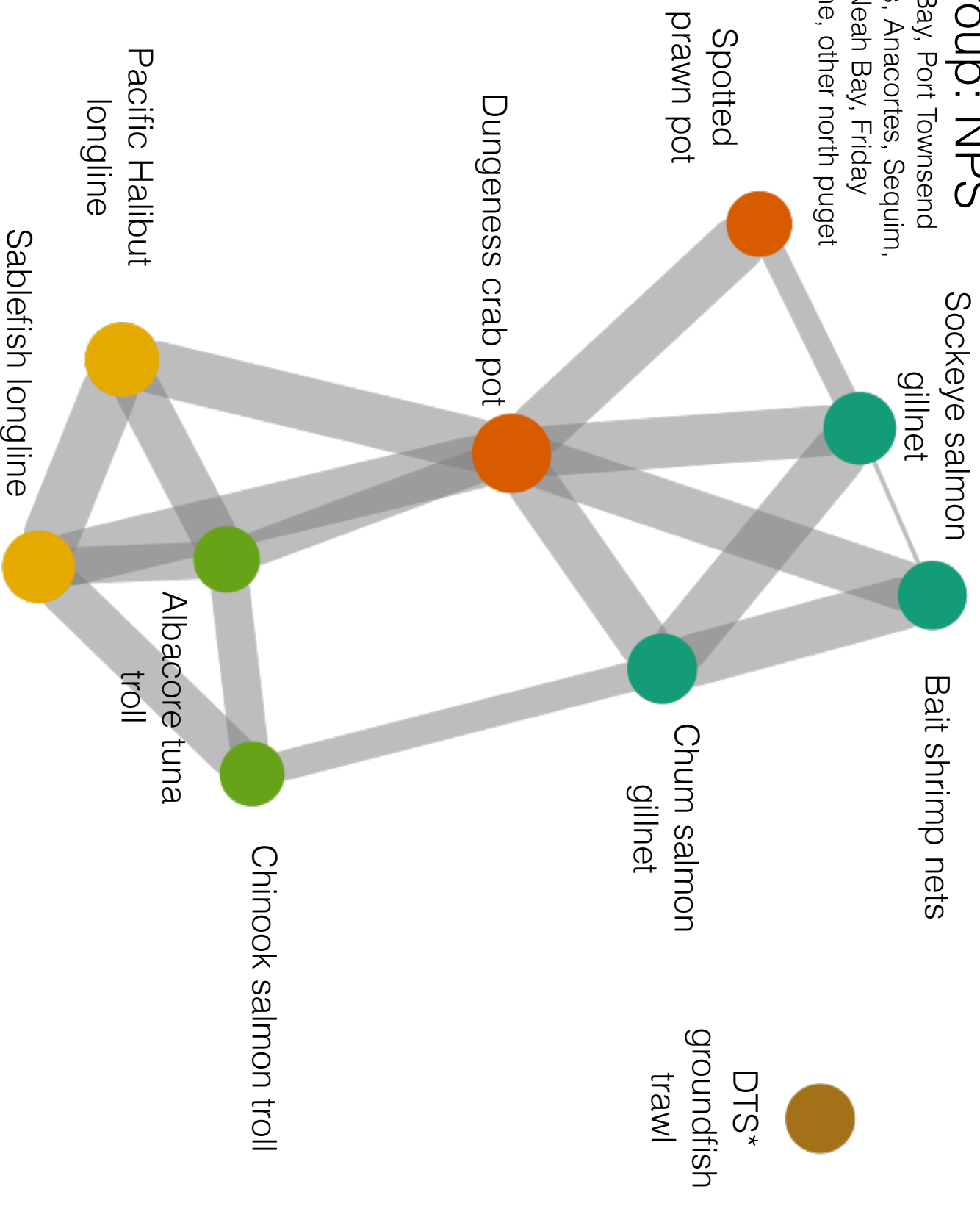
Newport, Depoe Bay, Waldport,
Siletz bay



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: NPS

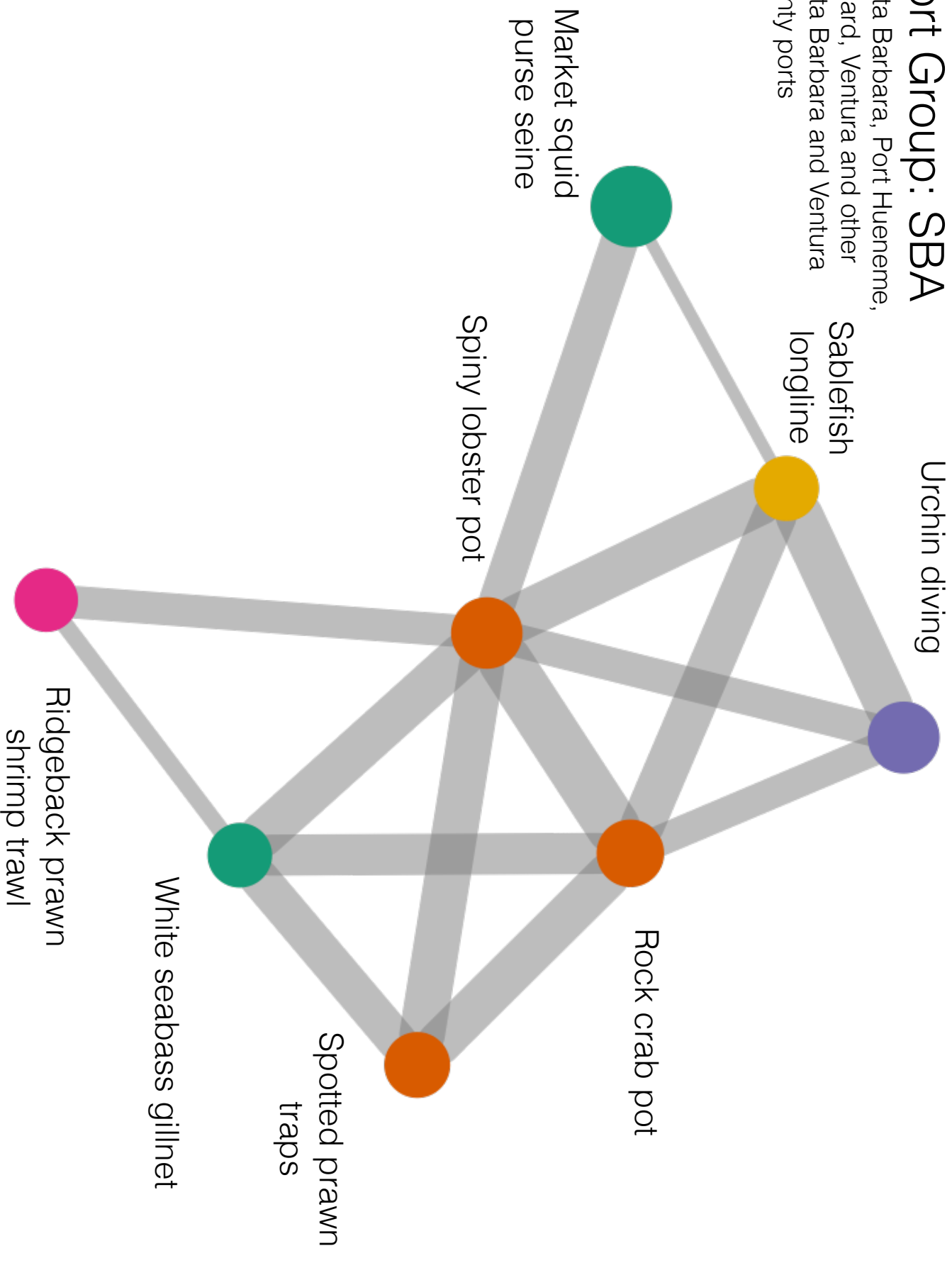
Bellingham Bay, Port Townsend
Port Angeles, Anacortes, Sequim,
La Conner, Neah Bay, Friday
Harbor, Blaine, other north puget
sound ports



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

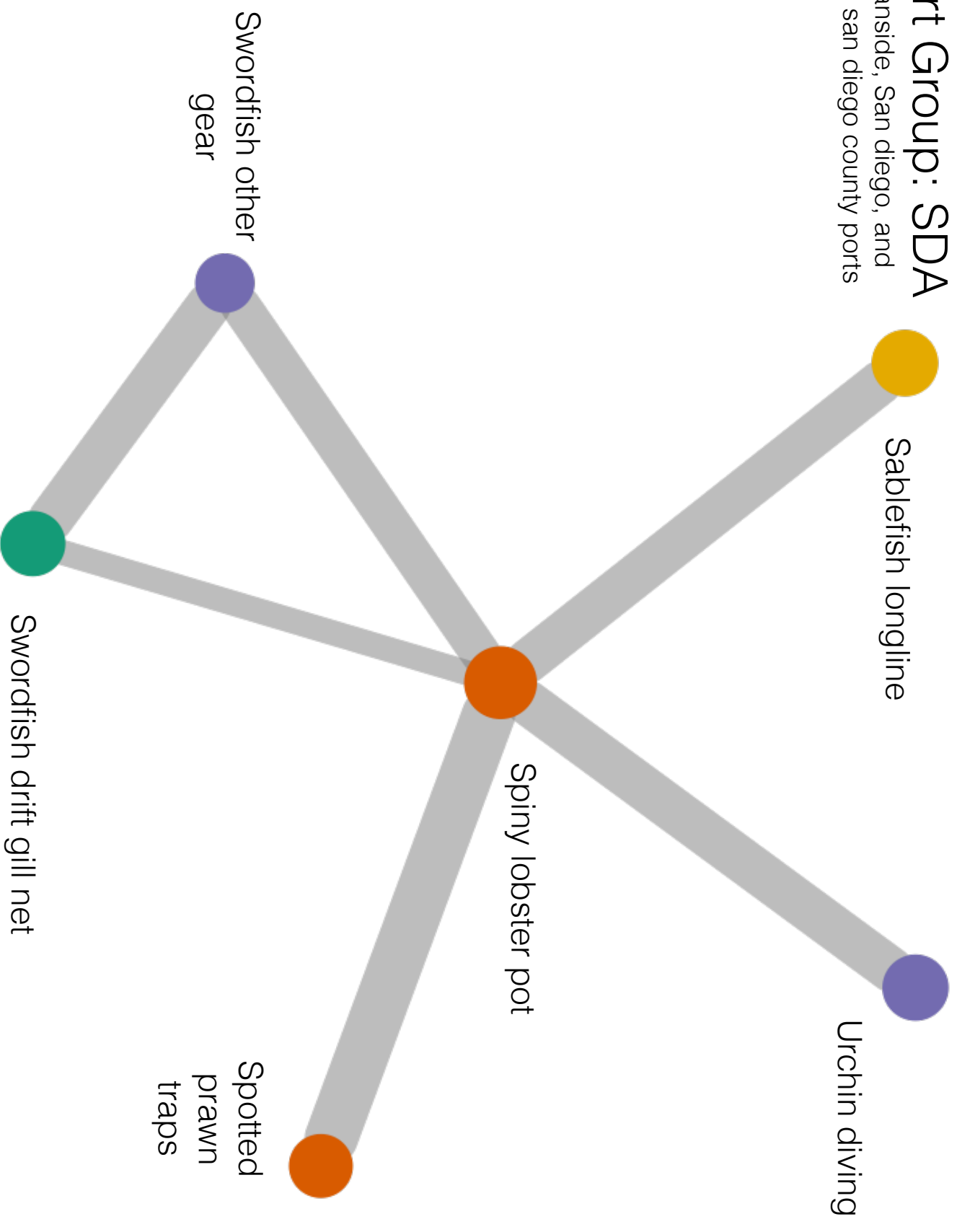
Port Group: SBA

Santa Barbara, Port Hueneme,
Oxnard, Ventura and other
Santa Barbara and Ventura
county ports



Port Group: SDA

Oceanside, San diego, and
other san diego county ports

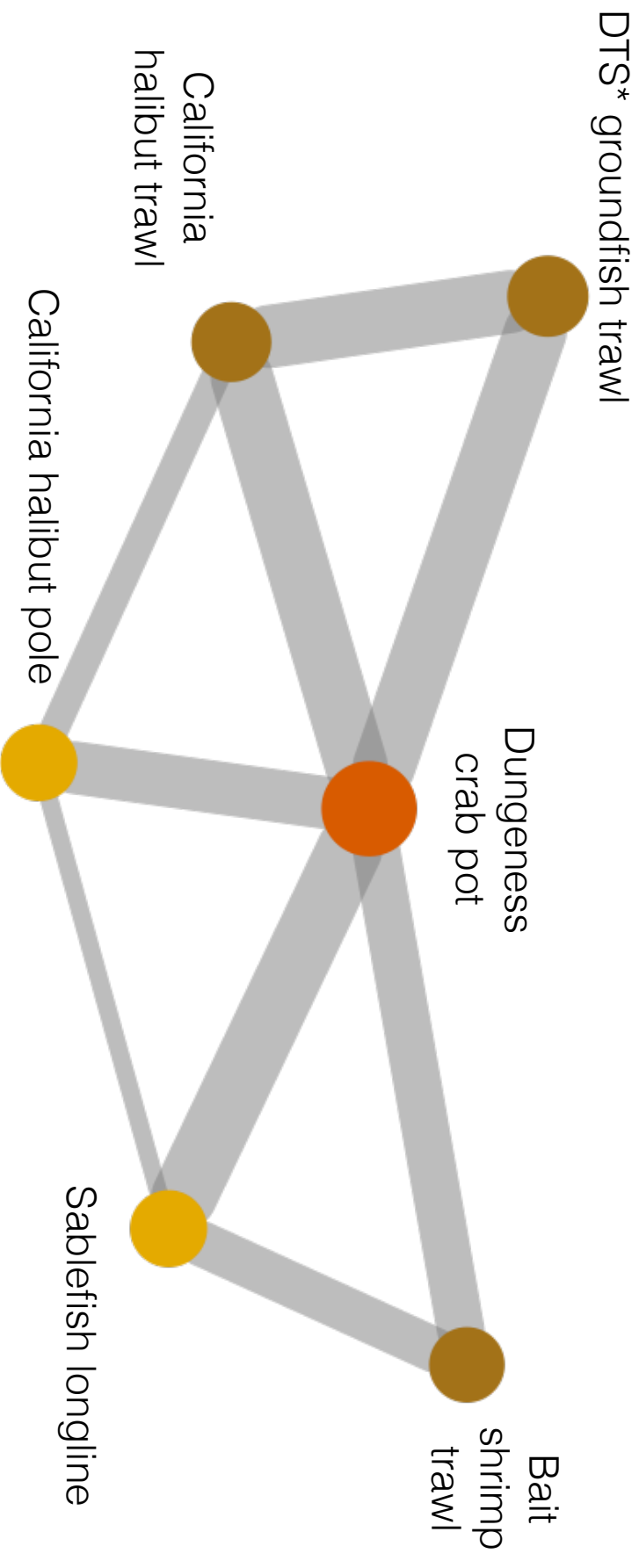


Port Group: SFA

Princeton/Half Moon Bay,
San Francisco, Berkeley,
Richmond, Oakland, Sausalito,
Alameda, and other SF Bay and
San Mateo county ports



Swordfish
longline



*DTS = dover sole, thorny head sablefish dominated groundfish trawl

Port Group: SPS

Seattle, Olympia, Everett,
Shelton, Tacoma



Pacific herring gill net



Sea cucumber
dip net



Sockeye salmon
gill net



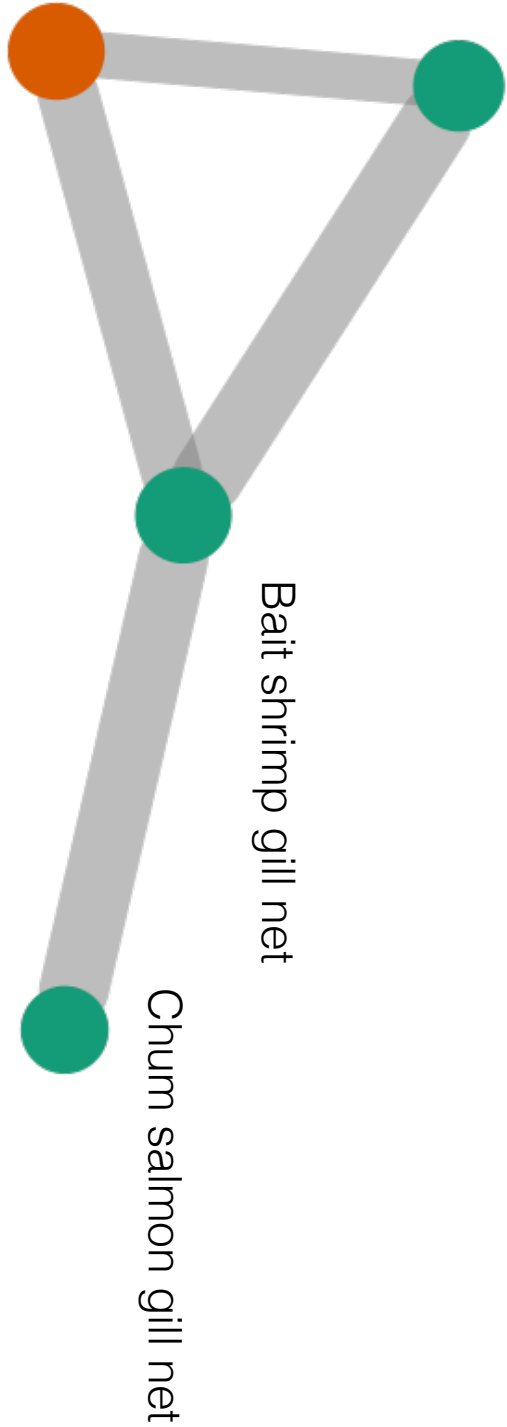
Bait shrimp gill net



Dungeness
crab pot

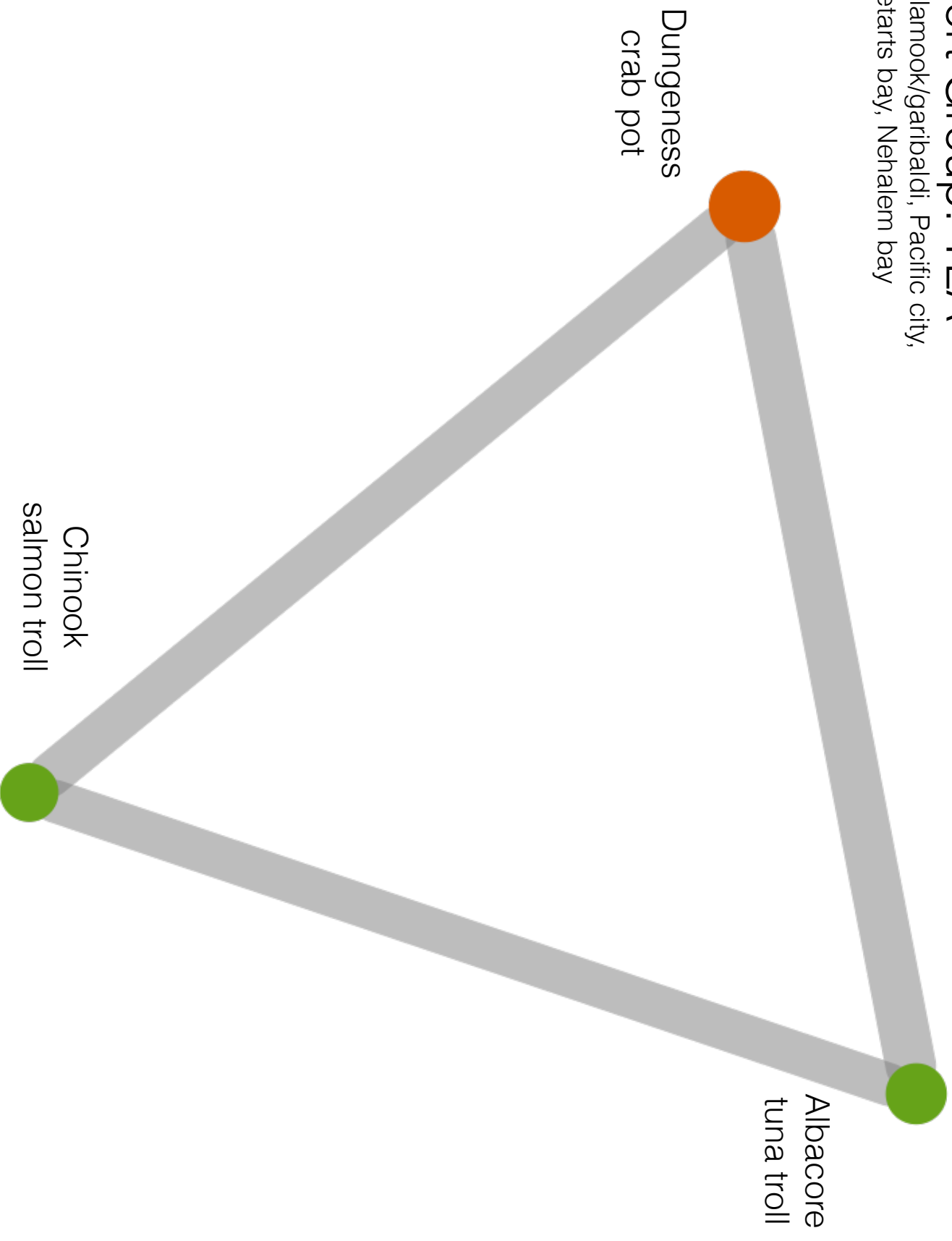


Chum salmon gill net



Port Group: TLA

Tillamook/garibaldi, Pacific city,
Netarts bay, Nehalem bay



Port Group: BDA

Bodega Bay, Bolinas,
Point Reyes, Tomales Bay, other
Mendocino, Sonoma and Marin
county ports

