Groundfish Management: Supplemental Public Presentation 1 (Oceana) Non-trawl Sector Area Management Measures

Ben Enticknap, Oceana



Gray gorgonian corals (Plumarella sp.) with rockfish and an orange gorgonian coral (Adelogorgia phyllosclera) offshore Santa Rosa Island, California.



Gorgonian corals (Swiftia pacifica) at Arago Reef, offshore Southern Oregon

Agenda Item E.6.b

November 2021

Effects of Fishing Gear on Deep Sea Coral and Sponge Ecosystems



Images of fishing gear from U.S. West Coast ROV surveys:

A. Bubblegum coral entangled in longline gear

B. Scleractinian coral (*Lophelia pertusa*) with yellow polypropylene line, possibly from an anchor line or a buoy line on fixed gear;

C. Trap gear and netting (adjacent to a purple sea fan; and

D. A section of a trawl net wrapped around coral rubble.

Source: Rooper et al. (2017) Effects of Fishing Gear on Deep-Sea Corals and Sponges in U.S. Waters. Available online: http://deepseacoraldata.noaa.gov/library. Non-trawl RCA boundary changes may result in gear impacts to priority habitat features and areas





Non-trawl RCA changes may increase impacts to long-lived rockfishes

Consider impacts to yelloweye rockfish that are still rebuilding



Yelloweye rockfish predicted mean abundance. NCCOS model projection. PFMC Agenda Item D.6.b NMFS Synthesis. April 2013



Yelloweye rockfish at Grays Canyon sponge reef. Ocean Exploration Trust

Cowcod Conservation Areas





Habitat Features





Habitat Features

High Coral Habitat Suitability

Eugorgia rubens (gorgonian coral)

Paragorgia (bubble gum coral)
Adelogorgia (gorgonian coral)
Antipathes (black coral)



Recommendations

• Support continued analysis and consideration of <u>Alternatives 1 and 2</u>; open the existing non-trawl RCA to hook-and-line gear, and excluding longline, dinglebar, and pot/trap gear.

• Modify <u>Alternative 3</u> to require EFH conservation areas overlapping the current non-trawl RCA boundaries to remain closed to bottom contact fishing gears as an interim measure until yelloweye are recovered and a comprehensive analysis of corals and sponge in the non-trawl RCA is complete.

• Add an additional alternative to repeal the <u>Cowcod Conservation Areas</u> off Southern California while keeping coral and sponge hotspots within the CCAs closed to groundfish fishing gears that contact the seafloor.