

#6



SEA SCALLOP AND MULTISPECIES FISHING FLEET BREAKDOWN

CAPTAIN PETE DE COLA



Request From the Council



- “ages and sizes of vessels used by sea scallop permit holders in both the limited access and general category fleets, and the same information for all multispecies vessels.”

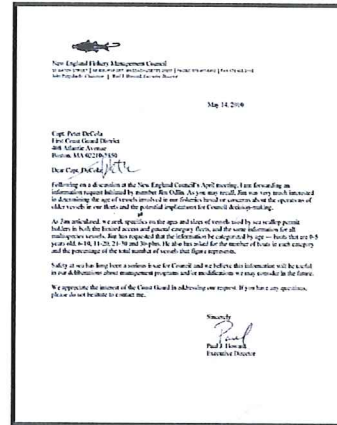




Request From the Council



- “Safety at sea has long been a serious issue for the Council”
- Data sources
 - NOAA Permit Database,
 - Coast Guard Marine Information for Safety & Law Enforcement (MISLE)
 - First District Fishing Vessel Casualty Database



Scallop Fleet Permits

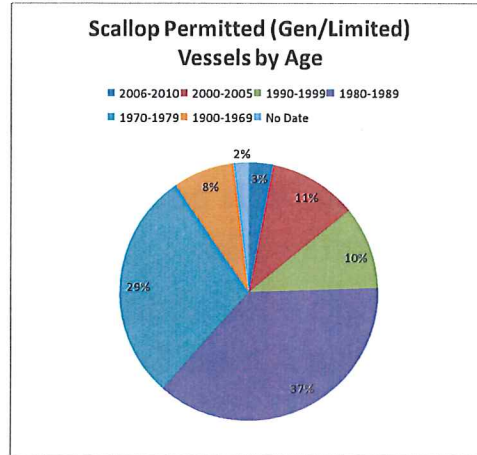


- Total Permits - **873**
- General Category- **707**
- Limited Access - **346**
- Both General Category & Limited Access- **180**
- Scallop vessels with multispecies permits - **774**



Scallop Fleet Age

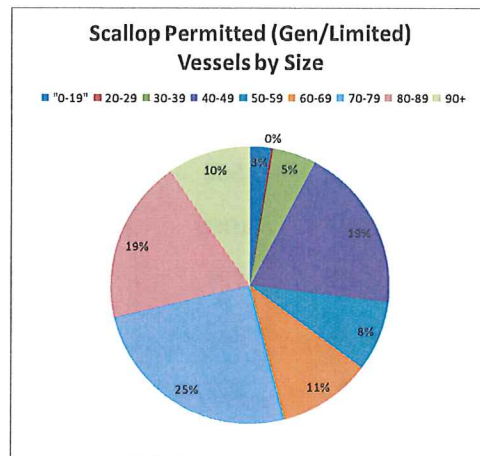
Age (years)	Number vessels w/Permits
2006-2010	26
2000-2005	97
1990-1999	91
1980-1989	323
1970-1979	253
1900-1969	67
Unknown	16



Scallop Fleet Size



Vessel Size (Feet)	Number of Vessels w/Permits
0-19	21
20-29	2
30-39	44
40-49	168
50-59	72
60-69	94
70-79	221
80-89	167
90+	84





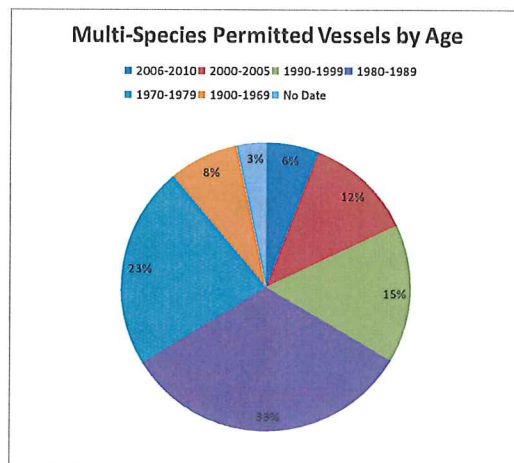
Multispecies Permits

- Total Permits - **3244**
- Vessels with additional General Category Scallop Permits - **622**
- Vessels with additional Limited Access Scallop Permits - **330**
- Vessels with additional General Category & Limited Access Scallop Permits - **178**



Multispecies Fleet Age

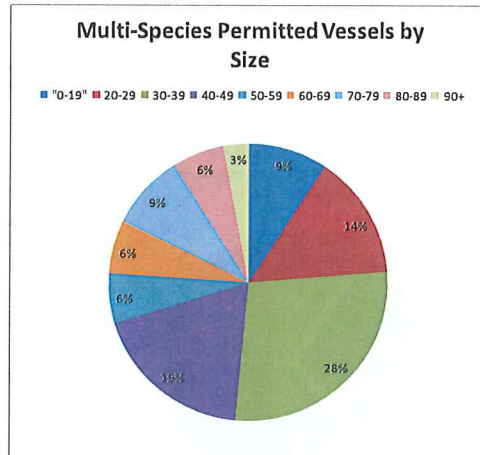
Age (years)	Number vessels w/Permits
2006-2010	188
2000-2005	392
1990-1999	506
1980-1989	1060
1970-1979	739
1900-1969	252
Unknown	107





Multispecies Fleet Size

Vessel Size (Feet)	Number of Vessels w/Permits
0-19	299
20-29	471
30-39	899
40-49	608
50-59	189
60-69	202
70-79	283
80-89	197
90+	96



Casualty Data Comparisons

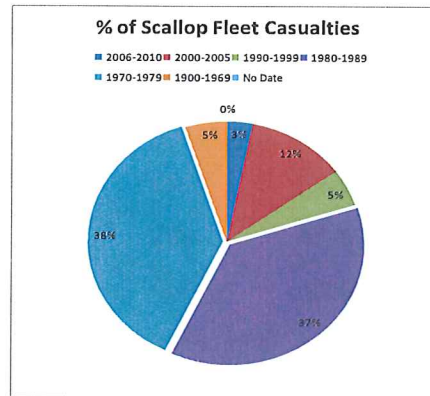
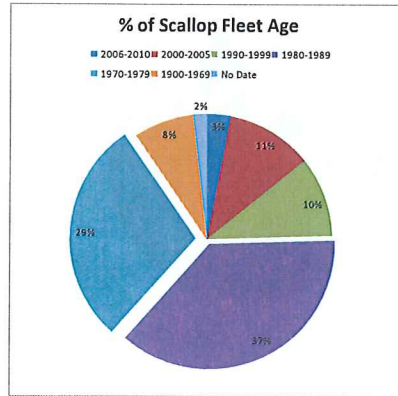
- Sea Scallop and Multispecies Fleets
- Limited to Reported Casualties
- Casualty Data is consolidated and includes the following types of accidents:
 - Disabled
 - Aground
 - Allision
 - Collision
 - Capsize
 - Sinking
 - Flooding
 - Man overboard
 - MEDEVAC
 - Injury
 - Fire
- Conclusions are general in Scope



Reported Casualties vs. Scallop Fleet Age



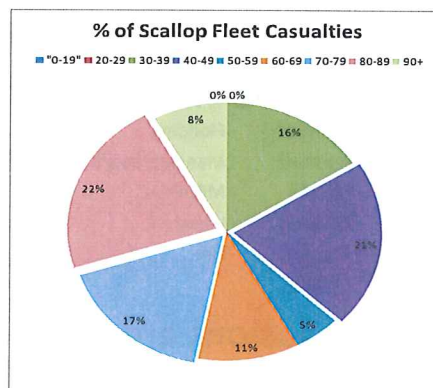
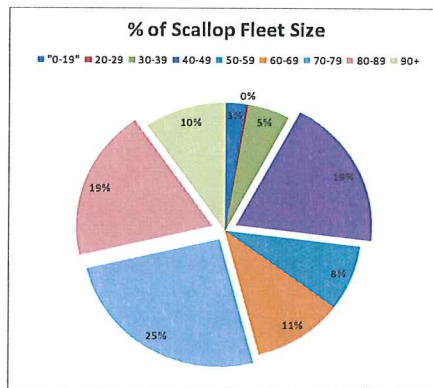
General correlation between Vessel Age and Reported Casualties in the Scallop Fleet



Reported Casualties vs. Scallop Fleet Size



General correlation between Vessel Size and Reported Casualties in the Scallop Fleet

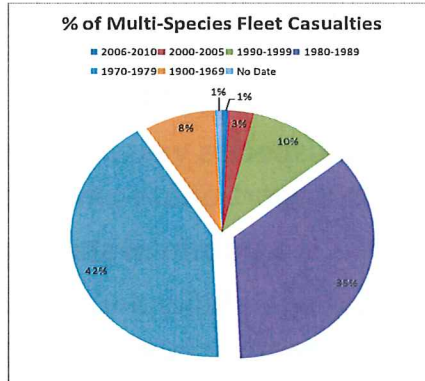
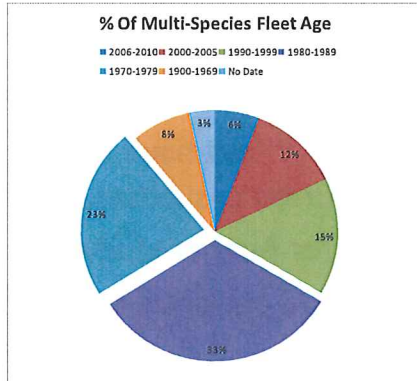




Reported Casualties vs. Multispecies Fleet Age



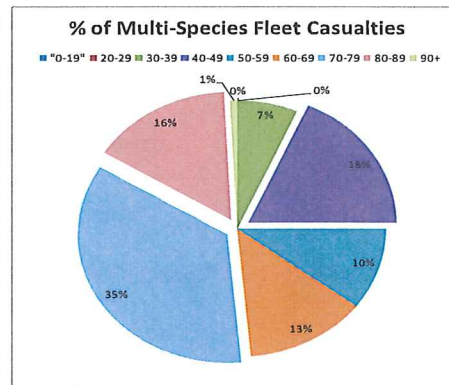
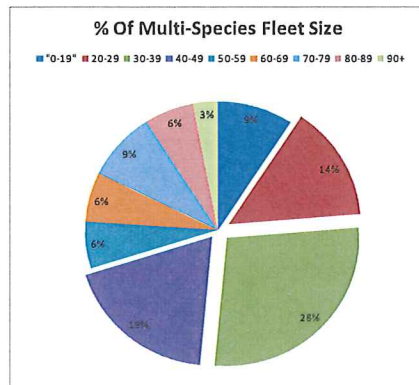
Vessels build between 1970-1979 appear to have a disproportionate amount of reported casualties



Reported Casualties vs. Multi-Species Fleet Size



Vessels between 70-79 feet have a disproportionate amount of reported casualties.





Conclusions

- General correlation between vessel size and age with respect to reported casualties in the sea scallop fleet
- Multispecies vessels built between 1970-1979 appear to have a disproportionate amount of reported casualties
- Multispecies vessels between 70-79 feet have a disproportionate amount of reported casualties.
- This is a potential starting point for further study.
- Loss of stability and man overboard continue to be the leading causes for fatalities.



Questions?