

FISH COMMISSION OF OREGON
GROUNDFISH & SHRIMP INVESTIGATIONS

Report of Cruise 70-13, Deepwater Dover Sole

Vessel: M/V Columbia, commercial trawler.

Dates: December 26-27, 1970

Objective: To tag Dover sole in PMFC area 2B for migration studies.

Methods: Gear used was a Norwegian trawl of 5-inch mesh. General area fished was from just north of Reedsport to just south of Heceta Head in 175 to 320 fathoms. Dover sole were collected from the commercial catch and tagged with Petersen disc tags. Duration of tows averaged three hours. Fish were measured to the nearest centimeter.

Results: There were 276 fish tagged from the catches of four tows.

Tagging information is listed in Table 1.

Personnel: Michael Hosie, Aquatic Biologist

Melvin J. Wick, Captain

Two crewmen

Michael J. Hosie
Research Division
October 29, 1971

Table 1. Location and Tag Numbers by Tow, Cruise 70-13.

Tow No.	Date	Loran 2H4	Depth (fms)	Number Tagged	Tag Numbers
1	12-26-70	1750 - 1755	175-180	72	KK 11863 - 11934
2	12-26-70	1740 - 1730	310	34	KK 11935 - 11998
3	12-26-70	1660 - 1620	300-320	128	KK 11999 - 12096
4	12-27-70	1510 - 1480	300-210	<u>42</u>	KK 12097 - 12139
Total				276	