

FISH COMMISSION OF OREGON
GROUNDFISH & SHRIMP INVESTIGATIONS

Report of Cruise 71-3, Dover sole

Vessel: M/V Harmony, commercial trawler.

Dates: August 3-5, 1971

Objectives:

1. To tag Dover sole in PMFC area 2B for migration studies.
2. To collect scales from fish tagged for aging studies.

Methods: Gear used was a 400-mesh trawl of 5-inch mesh. The general area fished was from just north of Cape Blanco to Coos Bay in 60 to 134-fathoms of water. Dover sole were collected from the commercial catch and tagged with peterson disc tags. Fish were measured to the nearest centimeter. Scales were taken at tagging and placed in numbered coin envelopes.

Results: There were 468 fish tagged from 8 tows. Tagging information is shown in Table 1.

Personnel: Michael Hosie, Aquatic Biologist
William Barss, Technician
Charles Lofteus, Vessel Captain
Joseph Irvine, Crewman
Carl Tag, Crewman

James M. Meehan
Research Division
October 14, 1971

Table 1. Tag Release Locations and Tag Numbers by Tow
for Cruise 71-3.

Tow No.	Date	Loran 2H4	Depth (fms)	Number Tagged	Tag Numbers
1	8- 3-71	1493 - 1382	60- 82	61	KK 12691 - 12751
2	8- 3-71	1250 - 1218	122-124	67	KK 12752 - 12818
3	8- 3-71	1200 - 1237	124	45	KK 12819 - 12863
4	8- 3-71	1250 - 1085	124- 75	67	KK 12864 - 12930
5	8- 4-71	1098 - 1195	125-102	55	KK 12931 - 12985
6	8- 4-71	1250 - 1220	102-100	33	KK 12986 - 13018
7	8- 4-71	1186 - 1293	102-120	54	KK 13019 - 13073
8	8- 4-71	1350 - 1453	120-134	86	KK 13074 - 13159
Total				468	(KK 13027 missing)