70 - 8

Yellowtail Flounder Quota

Public Hearing

New Bedford, Massachusetts

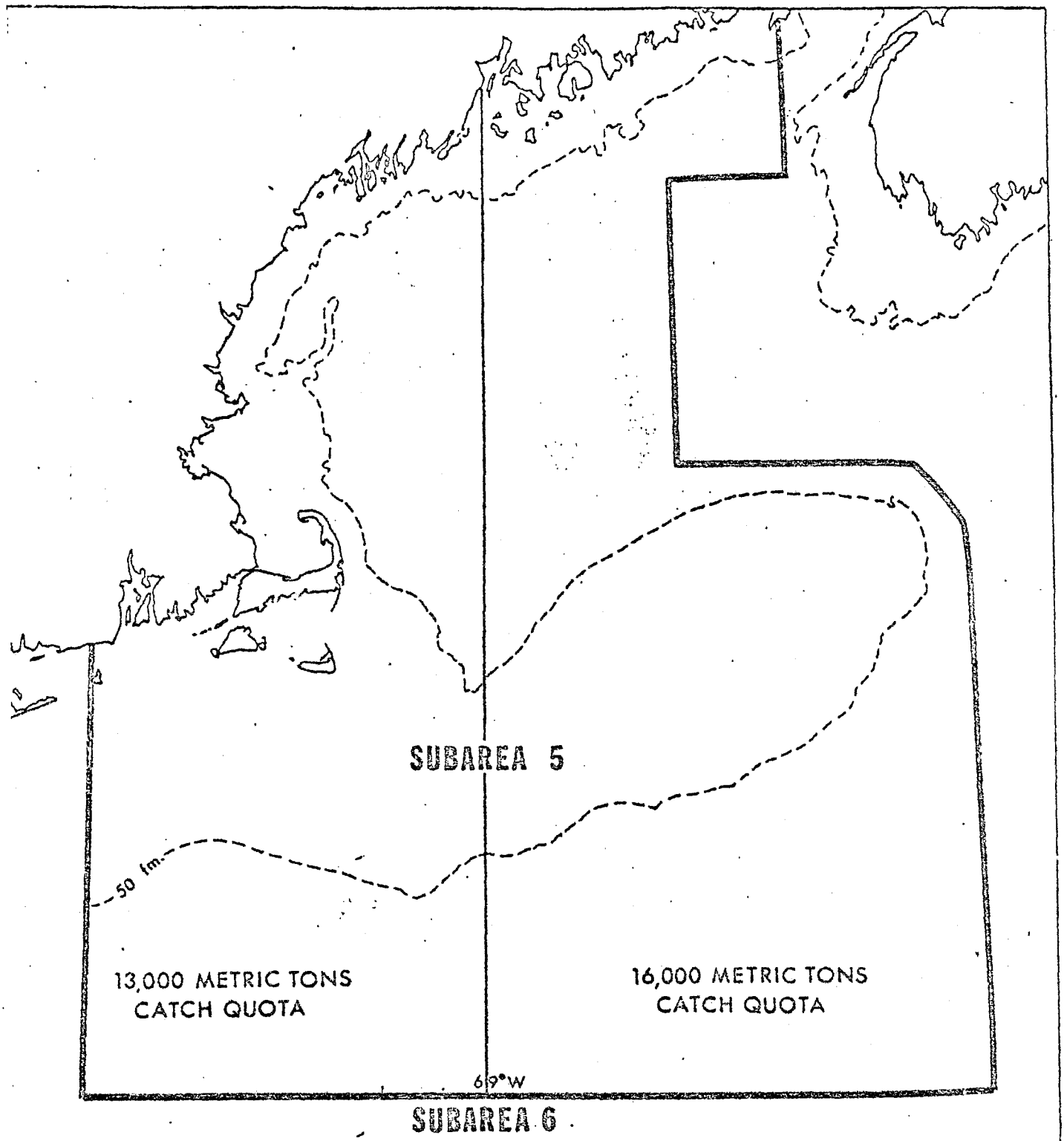
December 14, 1970

Laboratory Ref. # 70-8

R.C. Hennemuth

B.E. Brown

Figure 1



Proposed division of Subarea 5 for Yellowtail regulations.

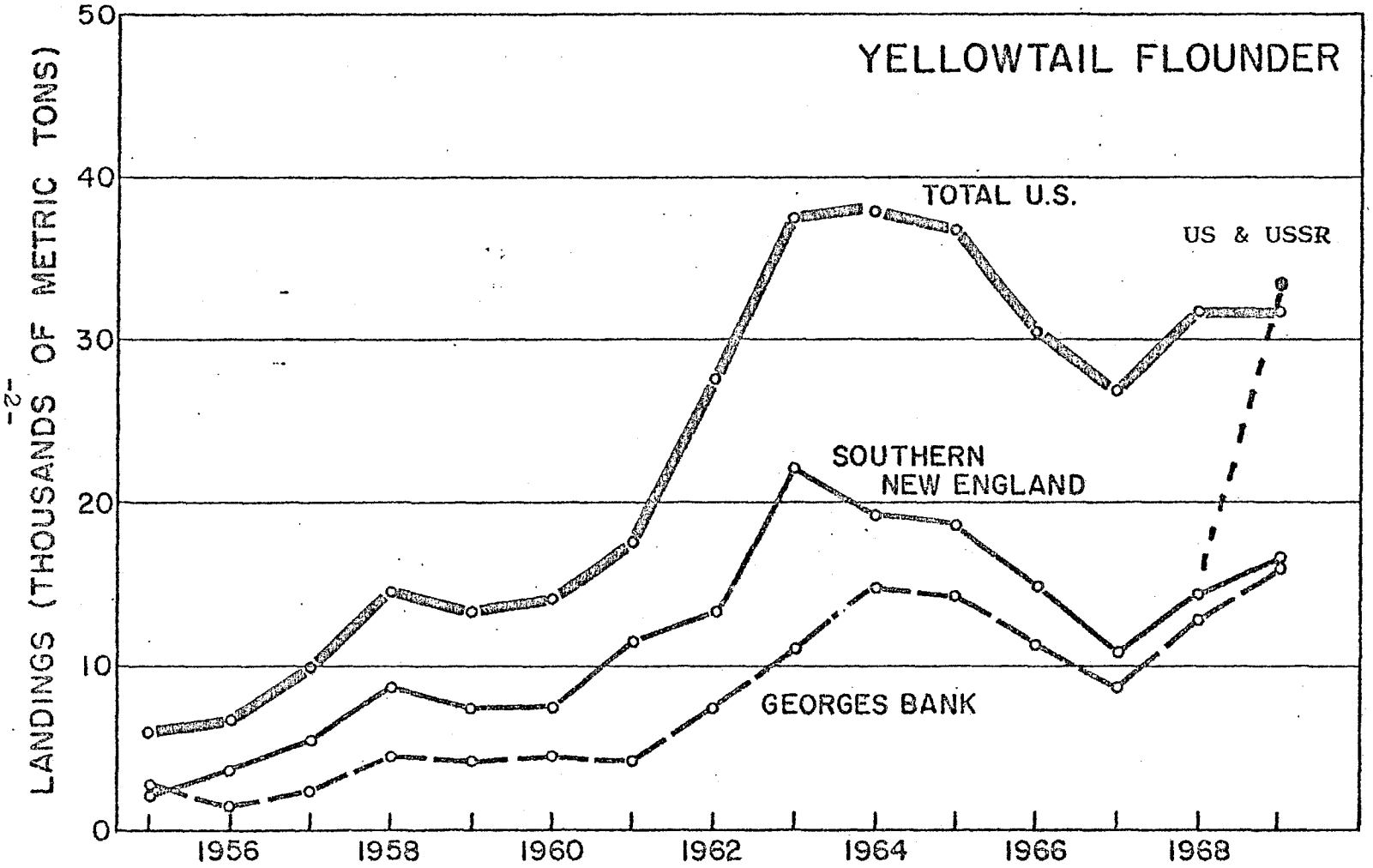

YELLOWTAIL FLOUNDER
LANDINGS (THOUSANDS OF METRIC TONS)
50
40
30
20
10
0
1956
1958
1960
1962
1964
1966
1968
TOTAL U.S.
US & USSR
SOUTHERN
NEW ENGLAND
GEORGES BANK

Figure 2

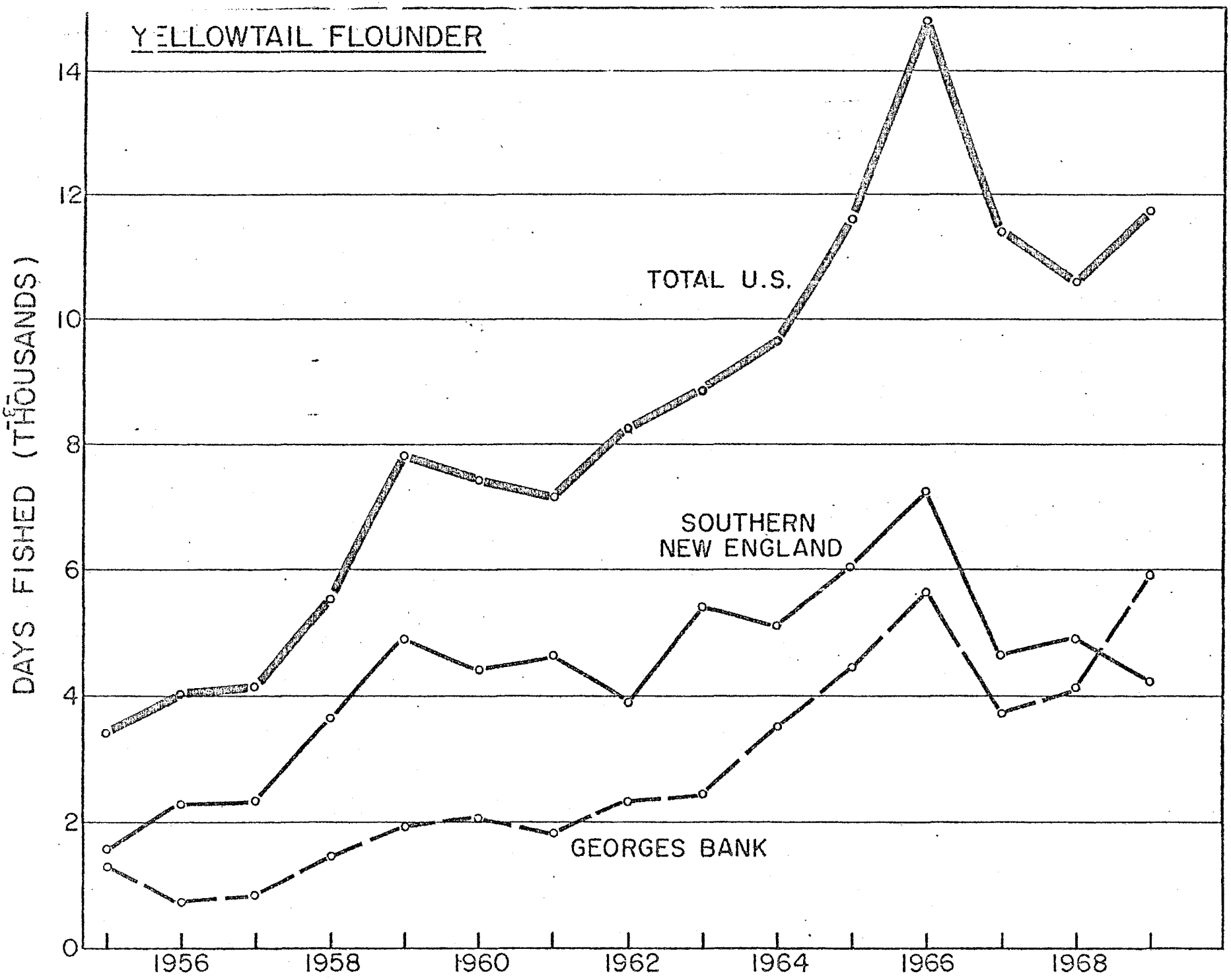

YELLOWTAIL FLOUNDER
DAYS FISHED (THOUSANDS)
0
2
4
6
8
10
12
14
1956
1958
1960
1962
1964
1966
1968
TOTAL U.S.
SOUTHERN
NEW ENGLAND
GEORGES BANK

Figure 3

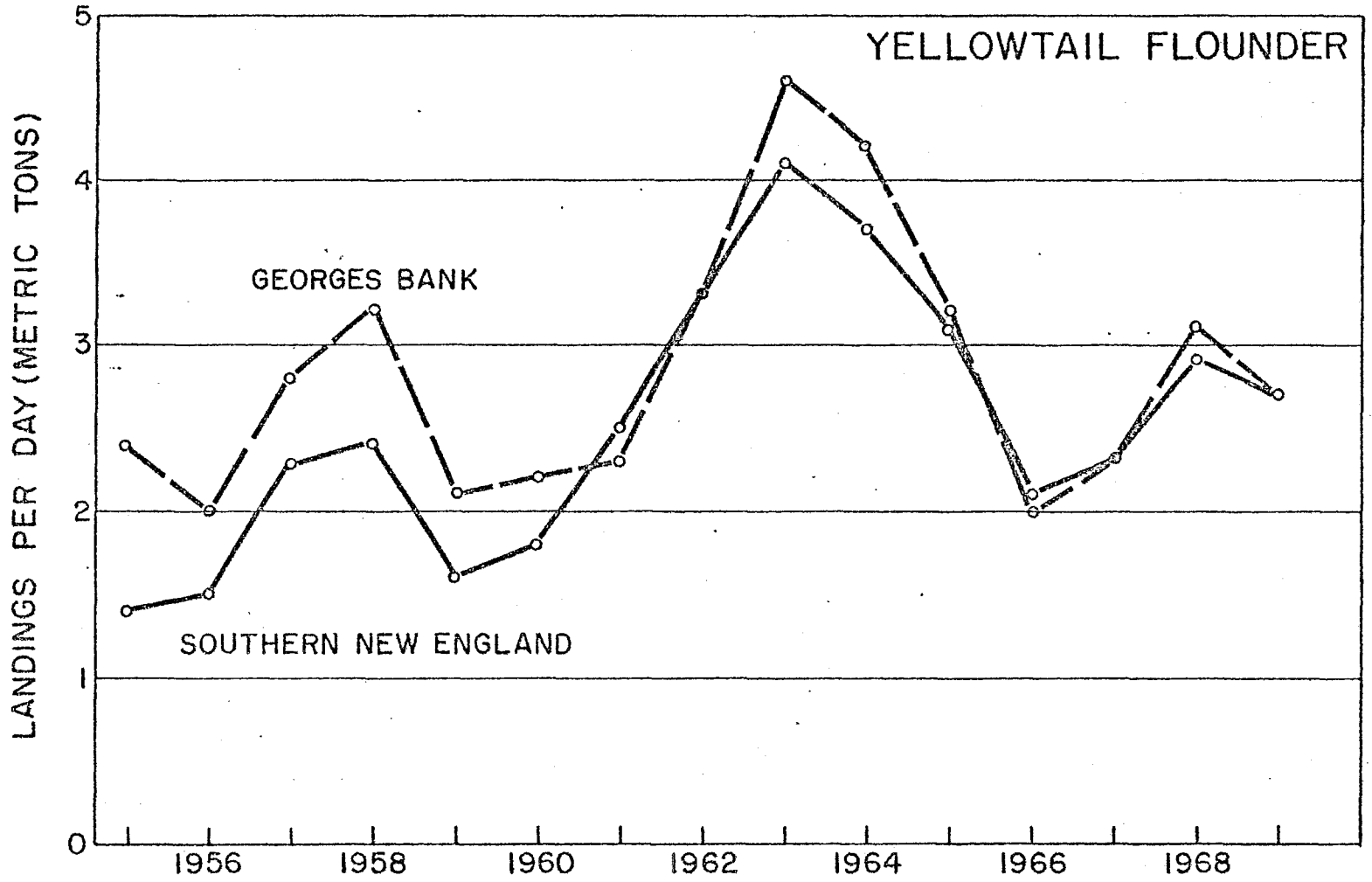

YELLOWTAIL FLOUNDER
GEORGES BANK
SOUTHERN NEW ENGLAND
LANDINGS PER DAY (METRIC TONS)
0
1
2
3
4
5
1956
1958
1960
1962
1964
1966
1968

Figure 4

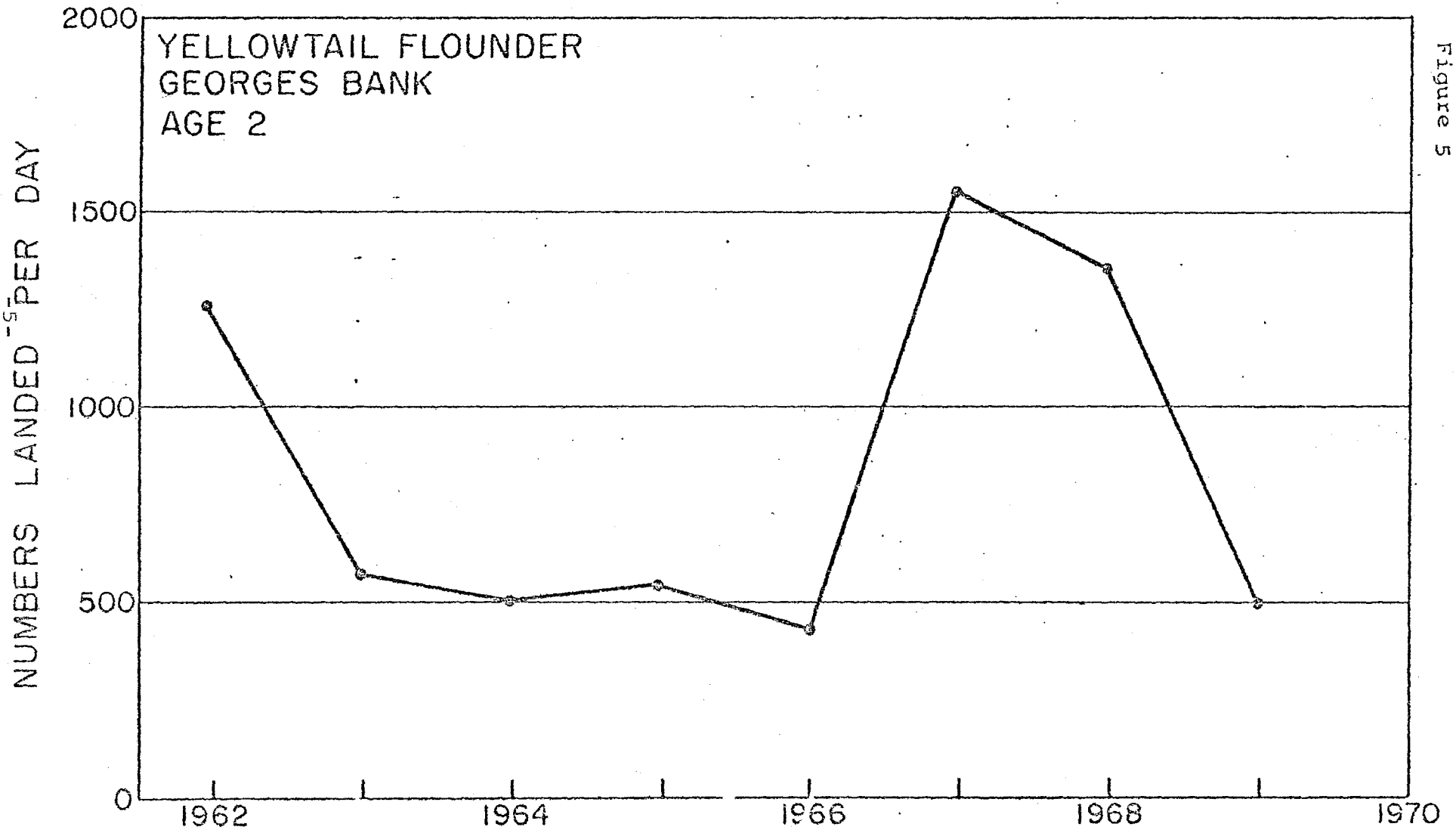

YELLOWTAIL FLOUNDER
GEORGES BANK
AGE 2
NUMBERS LANDED PER DAY
2000
1500
1000
500
0
1962
1964
1966
1968
1970

Figure 5

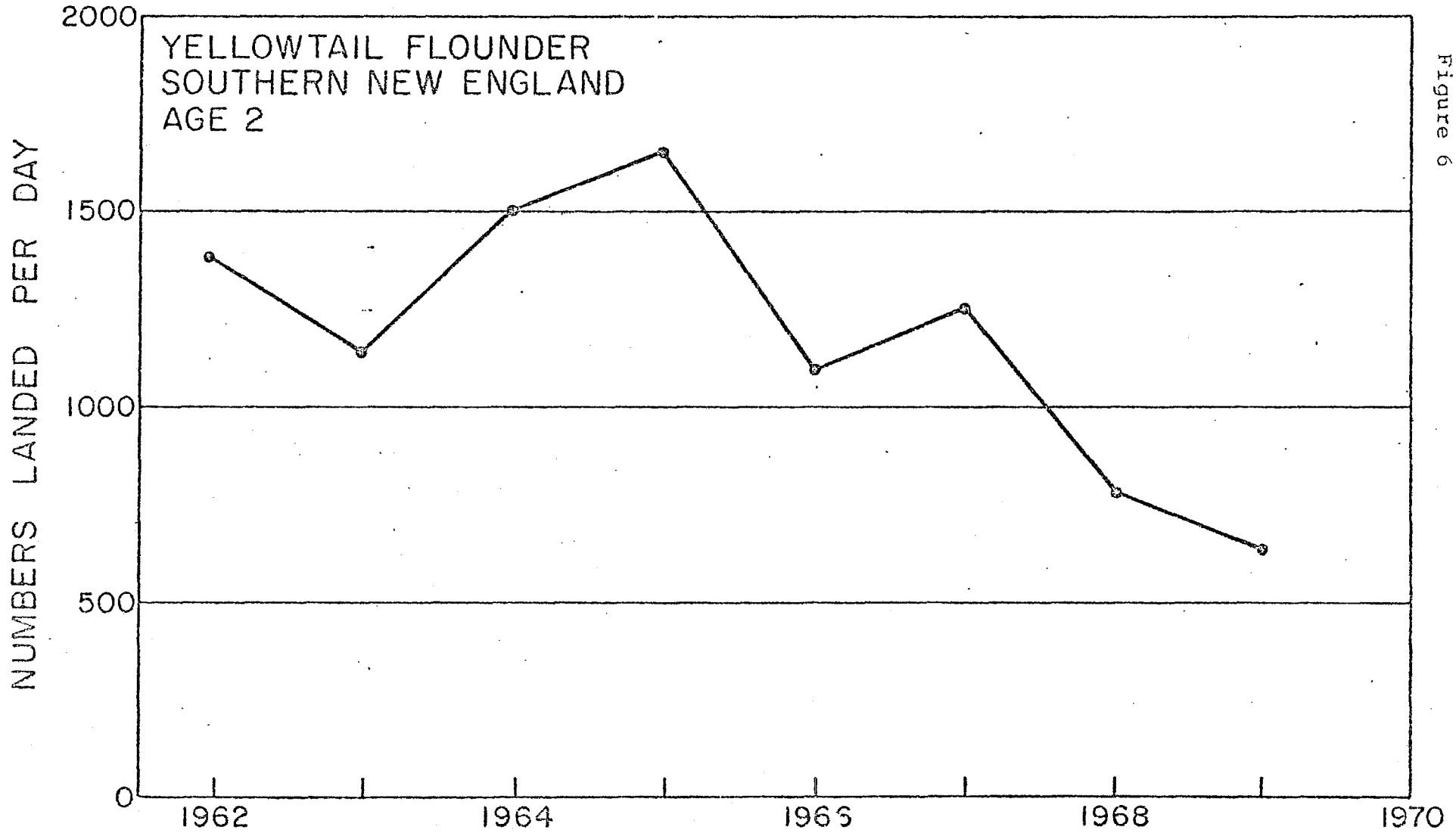

YELLOWTAIL FLOUNDER
SOUTHERN NEW ENGLAND
AGE 2
NUMBERS LANDED PER DAY
2000
1500
1000
500
0
1962
1964
1966
1968
1970

Figure 6

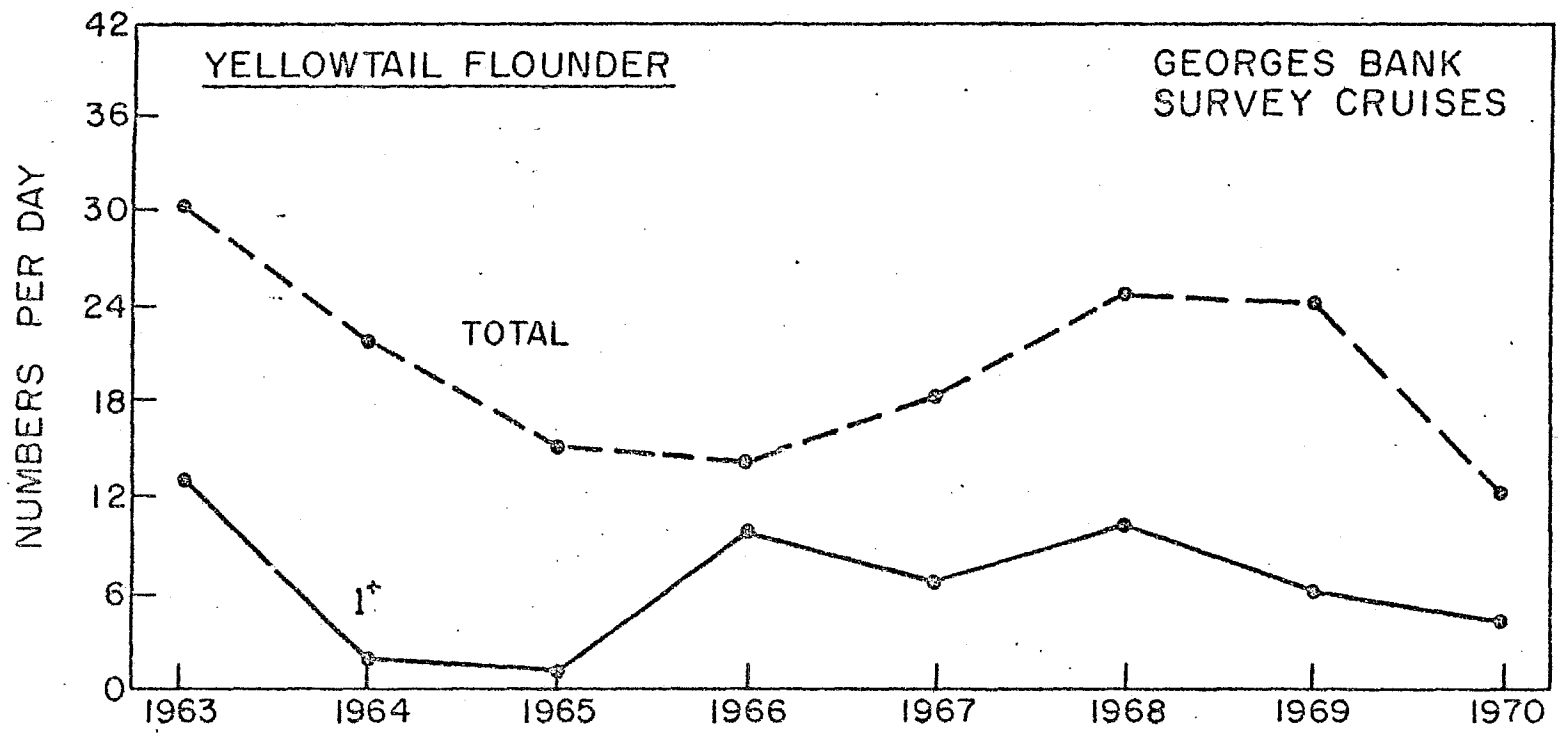

YELLOWTAIL FLOUNDER
GEORGES BANK
SURVEY CRUISES
NUMBERS PER DAY
42
36
30
24
18
12
6
0
TOTAL
1+
1963
1964
1965
1966
1967
1968
1969
1970

Figure 7

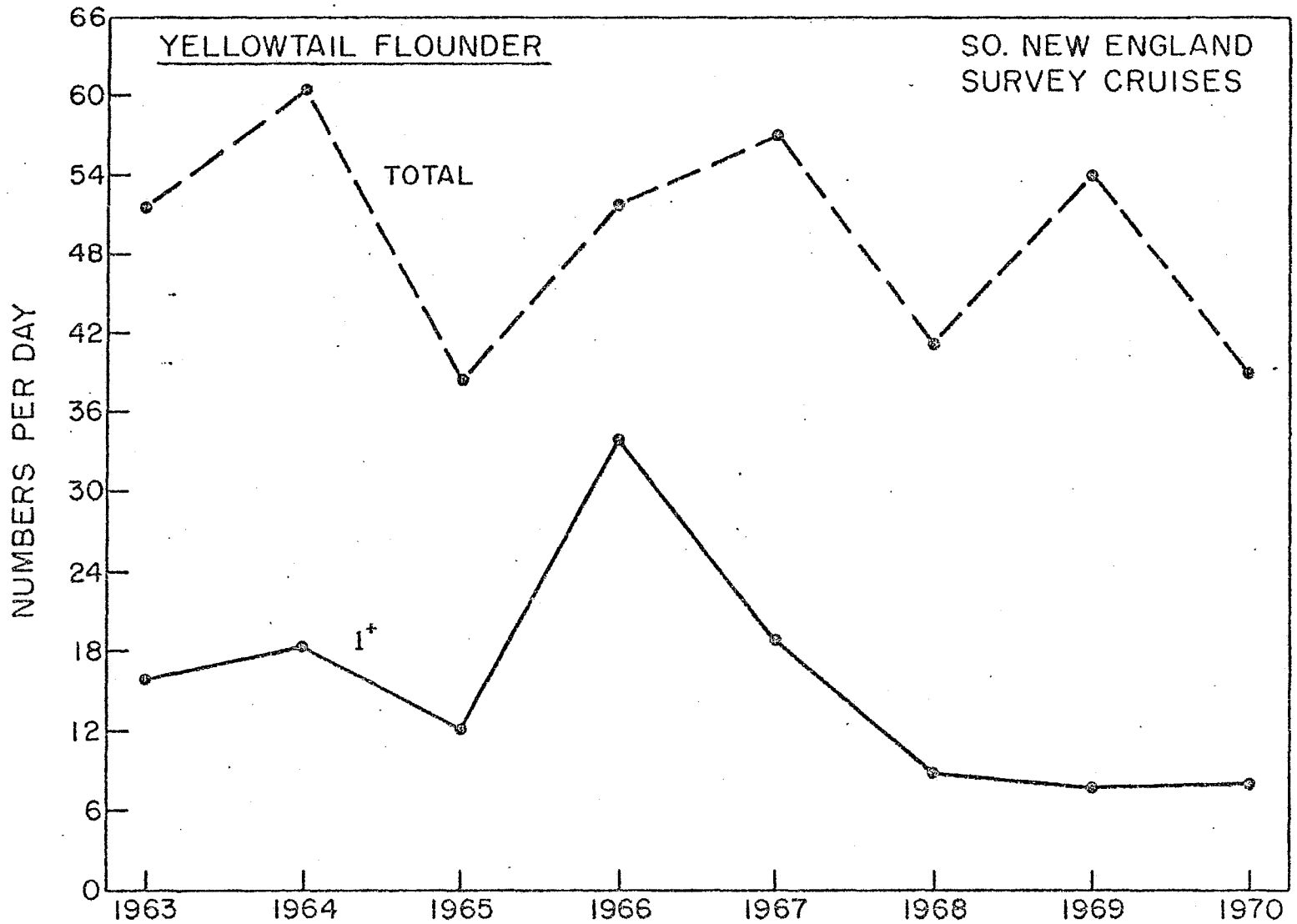

YELLOWTAIL FLOUNDER
SO. NEW ENGLAND
SURVEY CRUISES
TOTAL
1+
NUMBERS PER DAY
66
60
54
48
42
36
30
24
18
12
6
0
1963
1964
1965
1966
1967
1968
1969
1970

Figure 8

Figure 9.--U. S. fall survey cruise yellowtail flounder length frequencies for West 69°

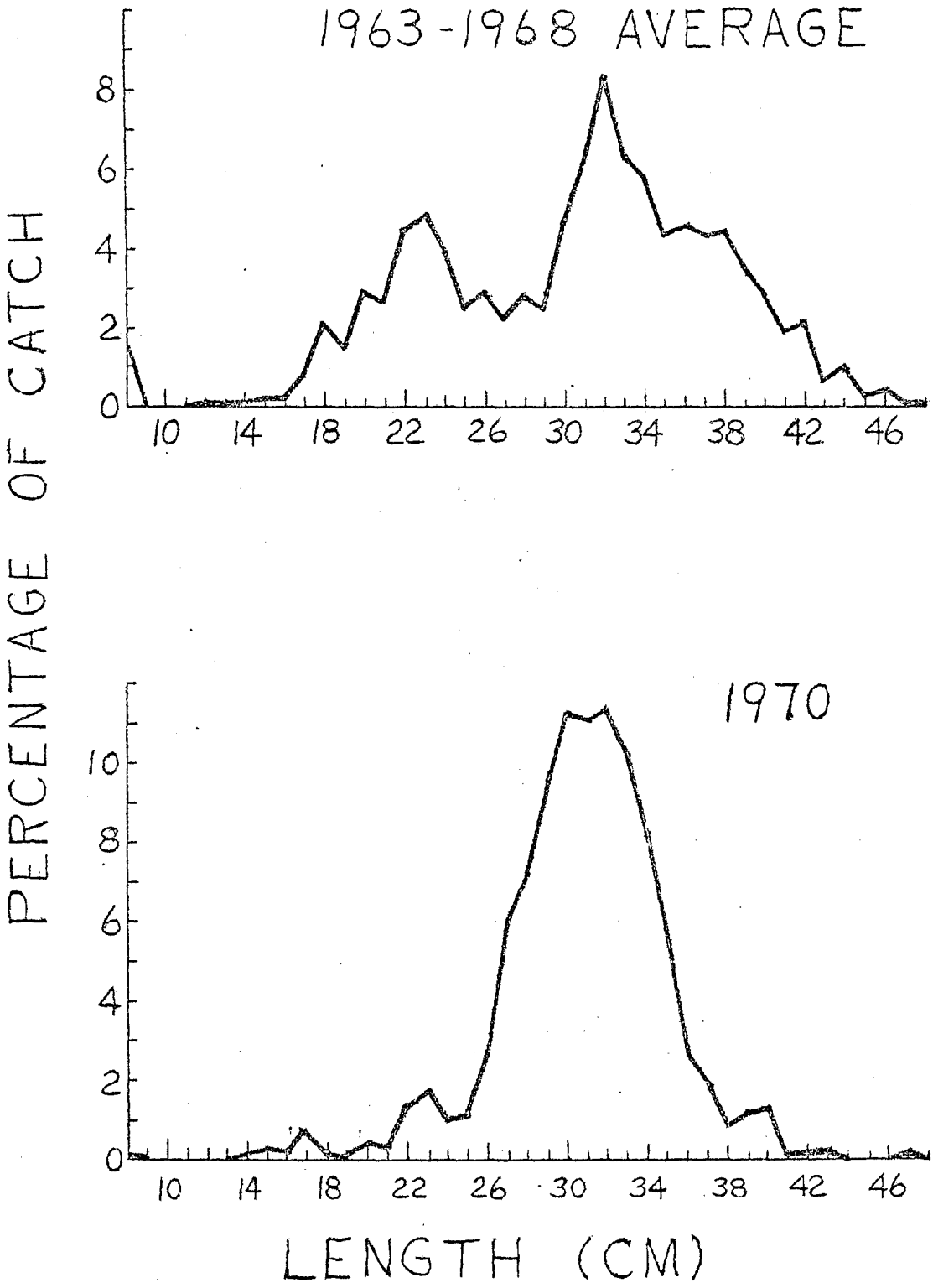


Table 1.--Yellowtail flounder statistics percent change from 1969 to 1970 (12/7/70)

Period	Landings	Discard	Industrial	Total	Landings per day	Catch per day	Days fished
			Southern New England				
Jul-Sep	+39.1	+114.3	+20.0	+44.4	-20.0	-10.2	+61.0
Jan-Sep	+21.3	+76.5	-8.1	+16.8	-14.3	-5.9	+27.8
			Georges Bank				
Jul-Sep	-22.8	+50.0	-	-10.1	-14.8	-3.0	-9.0
Jan-Sep	0.0	+110.0	-	+15.7	-11.1	+3.0	+11.7
			Total				
Jul-Sep	-5.0	+73.7	+20.0	+22.1	-17.8	-2.8	+15.9
Jan-Sep	+8.2	+94.6	-8.1	+17.8	-11.1	-3.0	+19.0