

Draft

MEMORANDUM

DATE: November 30, 1977
TO: D. L. Alverson, Center Director
FROM: J.E. Reeves

In response to a request by NPFMC Chairman Lokken for a breakout of the percentage of the male C. opilio stock >115 mm found in the area bounded by 164° to 169° W and 57° to 58° N, the following calculations are presented based on distribution and abundance gathered by the 1975 OCSEAP survey.

The attached figures show that, out of an estimated stock of 772 million pounds (Final Draft, Fishery Management Plan for Tanner Crab off Alaska). about 50.7 million pounds, or 6.6%, are distributed in the subject area.

The estimated ABC is 448 million pounds (772 million pounds x .58). As the attached survey data is the best available, our best estimate of the ABC that can be expected from this area is 6.6% of 448 million pounds, or 29.4 million pounds.

Attachment

1975 ACS EA Survey

Millions of pounds

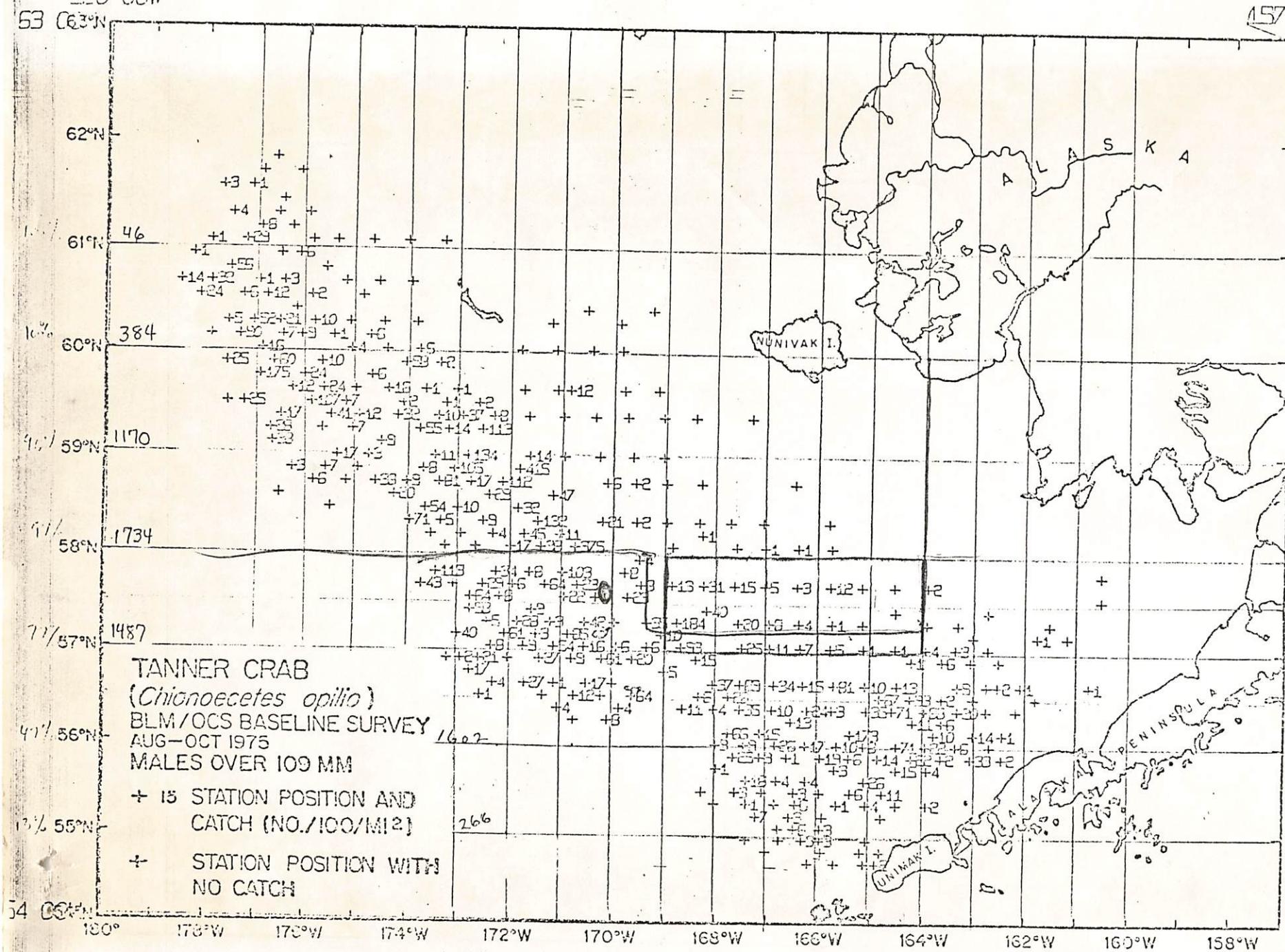
1.0 mil > 115 MW

Estimated population

Longitude	Latitude	Population (Millions)
158°W	57°N	5564
158°W	58°N	5565
158°W	59°N	5566
158°W	60°N	5567
158°W	61°N	5568
158°W	62°N	5569
158°W	63°N	5570
159°W	57°N	5664
159°W	58°N	5665
159°W	59°N	5666
159°W	60°N	5667
159°W	61°N	5668
159°W	62°N	5669
159°W	63°N	5670
160°W	57°N	5671
160°W	58°N	5672
160°W	59°N	5673
160°W	60°N	5674
160°W	61°N	5675
160°W	62°N	5676
160°W	63°N	5677
161°W	57°N	5761
161°W	58°N	5762
161°W	59°N	5763
161°W	60°N	5764
161°W	61°N	5765
161°W	62°N	5766
161°W	63°N	5767
162°W	57°N	5768
162°W	58°N	5769
162°W	59°N	5770
162°W	60°N	5771
162°W	61°N	5772
162°W	62°N	5773
162°W	63°N	5774
163°W	57°N	5781
163°W	58°N	5782
163°W	59°N	5783
163°W	60°N	5784
163°W	61°N	5785
164°W	57°N	5861
164°W	58°N	5862
164°W	59°N	5863
164°W	60°N	5864
164°W	61°N	5865
164°W	62°N	5866
164°W	63°N	5867
165°W	57°N	5868
165°W	58°N	5869
165°W	59°N	5870
165°W	60°N	5871
165°W	61°N	5872
166°W	57°N	5961
166°W	58°N	5962
166°W	59°N	5963
166°W	60°N	5964
166°W	61°N	5965
167°W	57°N	5966
167°W	58°N	5967
167°W	59°N	5968
167°W	60°N	5969
168°W	57°N	5971
168°W	58°N	5972
168°W	59°N	5973
168°W	60°N	5974
168°W	61°N	5975
169°W	57°N	5976

DEU UUV
63 063°N

157 COW



FIGURE

1975 OCEAP SURVEY, C. OPILIO MALES OVER 109MM (NOS/SOMI * 1/100)

17.