

MEDS - 12  
Rev April 1973

MARINE ECONOMICS DATA - 60-FOOT SEATTLE DRAGGER<sup>a/</sup>

Description \$97,000 market value, 60 feet by 16 feet, 35-ton capacity, 300 HP diesel engine, loran, 2 fathometers, radar, 2 radios, automatic pilot, hydraulic net drum and winches.

<u>Fishery</u>	<u>Effort<sup>b/</sup></u> (days)	<u>Price<sup>c/</sup></u>		<u>Production<sup>d/</sup></u>		
		<u>Per ton</u> ( <u>\$</u> )	<u>Per lb.</u> ( <u>\$</u> )	<u>Low</u> ( <u>tons</u> )	<u>Medium</u> ( <u>tons</u> )	<u>High</u> ( <u>tons</u> )
Sole, cod, snapper, etc.....	103	220	.11	648	720	792
(1) <u>Gross returns</u> .....				\$142,560	\$158,400	\$174,240

Variable costs<sup>e/</sup>

	<u>Season total with:</u>		
	<u>Low</u> <u>production</u>	<u>Medium</u> <u>production</u>	<u>High</u> <u>production</u>
Repairs.....	\$ 6,103	\$ 6,781	\$ 7,459
Fuel, groceries, and ice.....	12,908	12,908	12,908
Gear and supplies.....	4,451	4,451	4,451
Assessments.....	4,277	4,752	5,227
Unloading.....	545	545	545
Crewshare.....	52,747	58,608	64,469
(2) <u>Total variable costs</u> .....	\$81,031	\$88,045	\$95,059

Fixed costs<sup>f/</sup>

Depreciation.....	\$ 4,777	\$ 4,777	\$ 4,777
Insurance.....	3,160	3,160	3,160
Taxes.....	1,801	1,801	1,801
Miscellaneous <sup>g/</sup> .....	1,395	1,395	1,395
(3) <u>Total fixed costs</u> .....	\$11,133	\$11,133	\$11,133

Opportunity costs<sup>h/</sup>

	<u>Low production</u>	<u>Medium production</u>	<u>High production</u>
(4) Operator's labor (9% of gross).....	\$12,830	\$14,256	\$15,682
(5) Operator's management (4% of gross)....	5,702	6,336	6,970
(6) Total investment (\$97,000 @ 8%).....	7,760	7,760	7,760

Summary

Return to labor, management, and investment (1 less 2 and 3).....	\$50,396	\$59,222	\$68,048
Return to labor and management (1 less 2, 3, and 6).....	42,636	51,462	60,288
Return to investment (1 less 2, 3, 4, and 5).....	31,864	38,630	45,396

a/ Original data developed by Fishermen's Marketing Association of Washington, January 1971, in cooperation with Oregon State University Marine Advisory Program and University of Washington Marine Advisory Program. Costs, landings, and prices have been adjusted to reflect changes since the original data was developed, and is representative of above-average operators for this port.

b/ Fishing days at sea.

c/ Prevailing prices for this port during 1972 season.

d/ Low and high are 30% below and above medium.

e/ Costs that vary with fishing effort. May include unpaid crew, operator, and family labor. Some costs, such as gear repairs and crewshare, also vary with production.

f/ Costs that do not vary with fishing effort.

g/ Utilities, accounting, etc.

h/ Opportunity cost of labor is the estimated value of this operator's time, or what could have been earned working for someone else. Opportunity cost of management is the estimated value of this operator's management (decision-making and risk), or what could have been earned managing another similar business. Opportunity cost of investment is the estimated fair return to total investment in the business, regardless of the actual amount of debt.