

Exh. MM-14r  
Docket TP-190976  
Witness: Capt. Michael Moore

BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,

Complainant,

v.

PUGET SOUND PILOTS,

Respondent.

**DOCKET TP-190976**

**EXHIBIT TO  
TESTIMONY OF  
Captain Michael Moore  
ON BEHALF OF  
PACIFIC MERCHANT SHIPPING ASSOCIATION**

**Total And Average Bridge Hours**

May 27, 2020

*Revised July 8, 2020*

**Total and Average Bridge Hours per Vessel Move (2018-19 PSP Test Period)**

Year	Total Bridge Hours*	Vessel Moves*	Average Bridge Hours per Vessel Move
2018-19	34,887	6,933	5.03

Source: PSP Exh. WTB-11, Revenue Calculations

\* 2018-19 Test Period Avg. Bridge Hours per Move: Based on PSP Revenue Projection Spreadsheet (Exh. WTB-11)

PSP Revenue Projection Spreadsheet (Exh. WTB-11) was modified for the purposes of calculation of the Average Bridge Hours per Move in the following manner:

Using the "AVERAGE" function in Excel, the Column G ("Hours") Raw Data Result is: -13230.2

This is obviously an error, as Hours should always be a positive number and the average time spent on an assignment, if positive would never approach 13,230.2 hours.

A sort by value of Column G ("Hours") reveals 999 entries with negative hours, 911 of which are in excess of -1,000,000 hours.

Any hour entry which is negative, including the entries of greater than -1,000,000 hours have been excluded as anomalies.

Upon exclusion of these negative entries, we reran the "AVERAGE" function for Column G ("Hours") and the Result was: 5.03