

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**

Bridge Hours Total And Per Pilot

May 27, 2020

Revised July 8, 2020

Total Bridge Hours and Average Bridge Hours per Pilot (2010-2019)

Year	Moves	Avg. Bridge Hours per Move*	Total Hours	Number of Pilots	Avg. Bridge Hours Per Pilot
2010	7,262	5.03	36,527.86	55.4	659
2011	7,490	5.03	37,674.70	52.58	717
2012	7,637	5.03	38,414.11	51.9	740
2013	7,702	5.03	38,741.06	53.1	730
2014	7,515	5.03	37,800.45	54.2	697
2015	7,627	5.03	38,363.81	53.2	721
2016	7,525	5.03	37,850.75	52	728
2017	7,092	5.03	35,672.76	52	686
2018	7,160	5.03	36,014.80	50.3	716
2019	6,877	5.03	34,591.31	49.5	699

Source: BPC Spreadsheets [Exh. ROYER-9], BPC Annual Reports [Exh. ROYER-5], PSP Revenue Projections (Exh. WTB-11)

* 2018-19 Test Period Avg. Bridge Hours per Move [Exh. MOORE-14] 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: -13230.19615

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