

Exh. MM-6
Docket TP-220513
Witness: Michael Moore

**BEFORE THE STATE OF WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PUGET SOUND PILOTS,

Respondent.

Docket No. TP-220513

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

Number of Pilots Worksheet

FEBRUARY 10, 2023

NUMBER OF PILOTS -- WORKSHEET

Number of Pilots Methodology:

Pilots = (AP ÷ AAL)

AP = Projected number of pilotage assignments in the rate year

AAL (TAL) = Average Assignment Level (Target Assignment Level)

Exh. SS-1T 7:11-20 (as modified by Final Order 09, re AAL)

AAL = five years of BPC Annual Report pilotage assignments per year

Exh. SS-1T 9:15-19

Acceptable Range of Outcomes = [Actual # (floor), Approved # of Licenses (ceiling)] = [53, 56]

Exh. SS1T 10:17-11:2

Number of Pilots Data Source Variables

AAL =

Year	Avg Assmts per Pilot	Yearly Assmts/Avg # of Pilots	
2014	140	7616/54.2	
2015	146	7627/53.2	
2016	147	7660/52	
2017	139	7250/52	
2018	145	7324/50.3	2014-2018 AAL = 143.4
2019	140.2	6999/49.9	
2020	122.1	5948/48.7*	
2021	143.1	6955/48.6*	2017-2021 AAL = 137.9
2022**	143.9	7,483/52*	2018-2022 AAL = 138.9

* Working pilots excludes President

**BPC Activity Reports Actual

Ap = 7,483

BPC Actual, No VEAT Adjustment to 2021 to Derive 2022 Projection Necessary

Outcome:

Pilots = (AP ÷ AAL)

= (7,483 / 138.9)

= 53.9

Pilots + 1 PSP President = 54.9