

Exh. MM-35
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**

BPC Incident Report Data, 2019-2021

FEBRUARY 10, 2023

BPC Incident Analyses (2005-2018), (2019-2021)

TOTAL ANNUAL INCIDENTS			AVERAGE INCIDENTS PER YEAR		
2005-2018	63		2005-2018	6.5	
2019-2021	3		2019-2021	1	

INCIDENTS BY VESSEL AGE							
Avg Vessel Age (2005-2018)		10.2					
Avg Vessel Age (2019-2021)		13.7					
	TOTAL (2005-2018)		TOTAL (2019-2021)		TOTAL (2005-2021)		2005-21 v 2005-18
	Incidents	%	Incidents	%	Incidents	%	
<u>AGE</u>	63		3		66		
0-5 years	16	25.4%	1	33.3%	17	25.8%	0.4%
6-10 years	27	42.9%	1	33.3%	28	42.4%	-0.4%
11-15 years	12	19.0%	0	0.0%	12	18.2%	-0.9%
16-20 years	1	1.6%	0	0.0%	1	1.5%	-0.1%
21-25 years	2	3.2%	0	0.0%	2	3.0%	-0.1%
26+ years	5	7.9%	1	33.3%	6	9.1%	1.2%

INCIDENTS BY LOCATION							
	TOTAL (2005-2018)		TOTAL (2019-2021)		TOTAL (2005-2021)		2005-21 v 2005-18
	Incidents	%	Incidents	%	Incidents	%	
<u>Total Incidents</u>	63		3		66		
Location w 0-3 Incidents ('05-'18)	43	68.3%	2	66.6%	45	68.2%	-0.1%
Location w 4+ Incidents ('05-'18)	20	31.7%	1	33.3%	21	31.8%	0.1%
Blair Waterway	10	15.9%	0	0.0%	10	15.2%	-0.7%
Ferndale/Cherry Point	6	9.5%	1	33.3%	7	10.6%	1.1%
Duwamish	4	6.3%	0	0.0%	4	6.1%	-0.3%

INCIDENTS BY VESSEL TYPE							
	TOTAL (2005-2018)		TOTAL (2019-2021)		TOTAL (2005-2021)		2005-21 v 2005-18
	Incidents	%	Incidents	%	Incidents	%	
<u>Vessel TYPE</u>	63		3		66		
Anchor Handling Tug Supply	1	1.6%	0	0.0%	1	1.5%	-0.1%
ATB	0	0.0%	1	33.3%	1	1.5%	1.5%
Bulk Carrier	15	23.8%	0	0.0%	15	22.7%	-1.1%
Container	21	33.3%	0	0.0%	21	31.8%	-1.5%
Cruise	1	1.6%	0	0.0%	1	1.5%	-0.1%
General Cargo	3	4.8%	0	0.0%	3	4.5%	-0.2%
LPG Tanker	2	3.2%	1	33.3%	3	4.5%	1.4%
Open Hatch Cargo	2	3.2%	0	0.0%	2	3.0%	-0.1%
Product Tanker	2	3.2%	0	0.0%	2	3.0%	-0.1%
Reefer/Container	0	0.0%	1	33.3%	1	1.5%	1.5%
Ro-Ro Cargo	3	4.8%	0	0.0%	3	4.5%	-0.2%
Ro-Ro/Container Carrier	1	1.6%	0	0.0%	1	1.5%	-0.1%
Tanker	9	14.3%	0	0.0%	9	13.6%	-0.6%
Tug	1	1.6%	0	0.0%	1	1.5%	-0.1%
Vehicle Carrier	2	3.2%	0	0.0%	2	3.0%	-0.1%

INCIDENTS BY TONNAGE							
Avg Vessel Tonnage (2005-2018)	50,773						
Avg Vessel Tonnage (2019-2021)	18,646						
	TOTAL (2005-2018)		TOTAL (2019-2021)		TOTAL (2005-2021)		2005-21 v 2005-18
	Incidents	%	Incidents	%	Incidents	%	
<u>Tonnage</u>	63		3		66		
0-20,000 GRT	12	19.0%	2	66.6%	14	21.2%	2.2%
20,000 - 40,000 GRT	17	27.0%	0	0.0%	17	25.8%	-1.2%
40,000 - 60,000 GRT	8	12.7%	1	33.3%	9	13.6%	0.9%
60,000 - 80,000 GRT	12	19.0%	0	0.0%	12	18.2%	-0.9%

80,000 - 100,000 GRT	10	15.9%	0	0.0%	10	15.2%	-0.7%
100,000+ GRT	4	6.3%	0	0.0%	4	6.1%	-0.3%

INCIDENTS BY LOA							
Avg Vessel LOA (2005-2018)		231.96					
Avg Vessel LOA(2015-2018)		212.53					
<u>LOA</u>	TOTAL (2005-2018)		TOTAL (2019-2021)		TOTAL (2005-2021)		2005-21 v 2005-18
	Incidents	%	Incidents	%	Incidents	%	
	62		3		65		
0 - 150m	4	6.3%	2	66.6%	6	9.2%	2.9%
150m - 199m	18	28.6%	0	0.0%	18	27.7%	-0.9%
200m - 249m	12	19.0%	1	33.3%	13	20.0%	1.0%
250m - 299m	20	31.7%	0	0.0%	20	30.8%	-1.0%
300m+	8	12.7%	0	0.0%	8	12.3%	-0.4%

SOURCE: 2005-2018 - Exh. MM-25 (TP-190976), 2019-2021 - BPC Annual Reports, BPC Minutes 1/21/21

Date	Vessel	Type	Built	LOA (M)	DWT	GRT
11/18/2019	Wellington Star	Reefer/Containership	1992	140.5	11,103	7,944
12/15/2019	Levant	LPG Tanker	2015	227	53,658	46,943
3/24/2021	ATB Vision	ATB	2011	41.2	1,800	1,052

TOTAL INCIDENTS

2019-2021 3

AVERAGE INCIDENTS PER YEAR

2019-2021 1

Location

Point Post in Bellingham Bay
Ferndale Intalco
Western end of Guemes Channel

Board Decision

Incident with no pilot error and no apparent damage
M/V LEVANT investigation as an incident with damage and with pilot error and that the pilot has completed the subsequent actions required by the Board. *
Incident with no pilot error and minor damage

Date	Vessel	Type	Built
11/18/2019	Wellington Star	Reefer/Container	1992
12/15/2019	Levant	LPG Tanker	2015
3/24/2021	ATB Vision	ATB	2011

Avg Vessel Age (2019-2021) #DIV/0!

AGE	TOTAL (2019-2021)		Rate of Incident by Age (2019-2021)
	Incidents	%	
0-5 years	1	33.3%	0.33
6-10 years	1	33.3%	0.33
11-15 years	0	0.0%	0.00
16-20 years	0	0.0%	0.00
21-25 years	0	0.0%	0.00
26+ years	1	33.3%	0.33

Date	Vessel	Type	Built	GRT	Location
9-Mar-15	Aiviq	Anchor Handling Tug Sup	2012	12,892	Everett, Pier 3 South
3/24/2021	ATB Vision	ATB	2011	1,052	Western end of Guemes Channel
1/18/2005	Blumenau	Bulk Carrier	2000	38,530	Smith Cove, East anchorage
1/25/2005	Harmonic Progress	Bulk Carrier	1986	36,537	Smith Cove, West anchorage
9/25/2005	Oak Harbour	Bulk Carrier	2005	19,829	Seattle, Spokane Street , Pier 90
6/23/2006	Swan	Bulk Carrier	2006	29,961	Tacoma Narrows
10/1/2007	Sagacious ID	Bulk Carrier	1996	26,064	Anacortes
3-Nov-10	Salvatore Cafiero	Bulk Carrier	2001	40,115	Tacoma Grain Dock
4-Oct-11	Lily Oldendorff	Bulk Carrier	2003	19,883	Tacoma, Hylebos Waterway
16-Jul-12	Portland Bay	Bulk Carrier	2004	16,960	S Seattle, Duwamish River
10-Mar-13	Dimitrus S	Bulk Carrier	2004	28,171	Tacoma Temco Dock
23-Sep-13	Sun Ruby	Bulk Carrier	2004	19,887	Seattle, Duwamish Waterway,Spokane St Bridge
29-Aug-14	Loch Melfort	Bulk Carrier	2013	21,168	Tacoma, Blair Waterway
31-Aug-15	Otago Harbour	Bulk Carrier	2004	19,829	Seattle, Duwamish Waterway, Glacier W. dock
5-Nov-15	Astoria Bay	Bulk Carrier	2005	26,479	Port Angeles, T-Pier
6/10/2017	New Face	Bulk Carrier	2017	24,655	PA, T-Pier
7/9/2017	Port Pegasus	Bulk Carrier	2004	19,887	Olympia, Berth 3
6/27/2005	R J Pfeiffer	Container	1992	32,664	Seattle, T-18, berth 4
9/10/2005	APL England	Container	2001	65,792	Seattle, west waterway
11/18/2005	Nedlloyd Mercator	Container	2000	66,526	Seattle, EBE anchorage
8/19/2008	Ever Ursula	Container	1999	69,246	Blair Waterway
3/24/2009	Hyundai Republic	Container	2001	74,373	Blair Waterway
11/10/2009	Horizon Anchorage	Container	1987	20,965	SB traffic lanes/buoy TA
16-Jun-10	Alucia	Container	1987	20,965	Seattle, North of Shilshole Bay
8-Aug-10	Prague Express	Container	2010	93,750	Seattle, East Waterway
9-Oct-10	YM Orchid	Container	2000	64,254	Tacoma, Pier 7D
2-Jan-11	APL Vietnam	Container	2005	54,605	Seattle, Pier 5
16-Apr-11	Maui	Container	1978	25,630	Seattle, Berth 18-4
26-Jan-12	Hyundai Jakarta	Container	2007	74,651	Tacoma, Blair Waterway
11-Aug-12	Ever Uranus	Container	1999	69,246	Tacoma, Blair Waterway
28-Oct-13	SS Kodiak	Container	1987	20,965	0.5 miles east of the east end of Ediz Hook
2-Nov-13	Zim Los Angeles	Container	2009	91,158	Tacoma, Blair WW, WUT
1-Dec-13	CMA CGM Dalila	Container	2011	89,787	Port Angeles; Near Ediz Hook Light

5-May-15	Hyundai Faith	Container	2008	95,681	Tacoma, Blair Waterway, Pier 3
25-Nov-15	Akinada Bridge	Container	2001	68,687	Between Whidbey Isld and Marrowstone Isld
26-Jul-16	HYUNDAI SHANGHAI	Container	2006	74,651	Port Angeles, North of Morse Creek
10-Nov-16	EVER LIVING	Container	2013	99,946	Tacoma, Blair Waterway
7/3/2018	Guangdong	Container	2015	17,360	Bridge Tacoma, Commencement Bay
23-Sep-16	SAFARI VOYAGER	Cruise	1982	1,195	Seattle, Fisherman's Terminal Dock 3
12/20/2007	Bright Stream	General Cargo	1997	9,991	Elliott Point
10/29/2008	Pioneer	General Cargo	1996	17,094	Duwamish Waterway
25-Aug-12	Manoa	General Cargo	1982	41,036	Seattle, East Waterway
6/27/2006	Aphrodite	LPG Tanker	1993	44,868	Evergreen Terminal
9-Jul-16	BRITISH COUNCILLOR	LPG Tanker	2007	48,772	Ferndale, Intalco Dock
12/15/2019	Levant	LPG Tanker	2015	46,943	Ferndale, Intalco
23-Jun-15	Westwood Olympia	Open Hatch Cargo	2004	32,551	Everett, off Pacific Terminal
6-Apr-16	WESTWOOD FRASER	Open Hatch Cargo	2009	31,772	Everett, Pier 1 North
9-Apr-12	MT Energy Century	Product Tanker	2003	41,397	Rosario Straits, Southbound
8-Sep-14	Overseas Boston	Product Tanker	2008	29,242	Pilot boarding area, Port Angeles
11/18/2019	Wellington Star	Reefer/Containership	1992	7,944	Point Post in Bellingham Bay
4/13/2009	Great Land	Ro-Ro Cargo	1975	31,515	Tacoma, Pier 7B
3/4/2017	Midnight Sun	Ro-Ro Cargo	2003	65,314	Tacoma, TOTE berth
7/7/2018	MIDNIGHT SUN	Ro-Ro Cargo	2003	65,314	Point Wilson to the Port Angeles pilot station
28-Feb-12	North Star	Ro-Ro/Container Carrier	2003	65,314	Tacoma, Hylebos Waterway
5/14/2009	Polar Adventure	Tanker	2004	85,387	Blair Waterway
9/19/2009	Polar Discovery	Tanker	2003	85,387	.1 mi off PD, PA Harbor
26-Aug-11	Jag Lalit	Tanker	2005	81,396	Ferndale, Cherry Point South Dock
24-Nov-12	Alaskan Frontier	Tanker	2004	110,693	Ferndale, Cherry Point
4-Dec-12	Polar Resolution	Tanker	2002	85,387	Ferndale, Cherry Point
10-Sep-13	Polar Discovery	Tanker	2003	85,387	Ferndale, Phillips 66 Dock
25-Aug-15	Alaskan Explorer	Tanker	2005	110,693	Ferndale, between N & S berths @ Cherry Point
7/6/2017	Alaskan Frontier	Tanker	2004	110,693	BP Cherry Point, South Dock
4/0/06 (date error on	Alaskan Frontier	Tanker	2004	110,693	Port Angeles
25-Jul-16	PUELO	Tug	2010	463	Seattle, Pier 37
9-Dec-15	Morning Crown	Vehicle Carrier	2005	57,692	Tacoma, Blair
12/17/2018	CSCC EUROPE	Vehicle Carrier	2009	57,692	Yukon Harbor, Anchorage 4

Rate of Incident by By Type		(2019-2021) (2005-2021)		
		Incidents	Incidents	%
TYPE	TOTAL	3	66	100.0%
Anchor Handling Tug Supply		0	1	1.5%
Articulated Tug & Barge		1	1	2.0%
Bulk Carrier		0	15	22.7%
Container		0	21	31.8%
Cruise		0	1	1.5%
General Cargo		0	3	4.5%
LPG Tanker		1	3	4.5%
Open Hatch Cargo		0	2	3.0%
Product Tanker		0	2	3.0%
Reefer/Container Ship		1	1	1.5%
Ro-Ro Cargo		0	3	4.5%
Ro-Ro/Container Carrier		0	1	1.5%
Tanker		0	9	13.6%
Tug		0	1	1.5%
Vehicle Carrier		0	2	3.0%

Date	Vessel	Type	Built	LOA (M)	DWT	GRT
11/18/2019	Wellington Star	Reefer/Cont	1992	140.5	11,103	7,944
12/15/2019	Levant	LPG Tanker	2015	227	53,658	46,943
3/24/2021	ATB Vision	ATB	2011	41.2	1,800	1,052

Avg Vessel Tonnage (2019-2021) 18,646.33

Tonnage	TOTAL (2019-2021)	
	Incidents	%
Tonnage	3	
0-20,000 GRT	2	66.7%
20,000 - 40,000 GRT	0	0.0%
40,000 - 60,000 GRT	1	33.3%
60,000 - 80,000 GRT	0	0.0%
80,000 - 100,000 GRT	0	0.0%
100,000+ GRT	0	0.0%

Date	Vessel	Type	Built	LOA (M)	DWT	GRT
11/18/2019	Wellington	Reefer/Cont	1992	140.5	11,103	7,944
12/15/2019	Levant	LPG Tanker	2015	227	53,658	46,943
3/24/2021	ATB Vision	ATB	2011	41.2	1,800	1,052

Avg Vessel LOA (2019-2021) 136.23


LOA	TOTAL (2019-2021)	
	Incidents	%
	3	
0 - 150m	2	66.7%
150m - 199m	0	0.0%
200m - 249m	1	33.3%
250m - 299m	0	0.0%
300m+	0	0.0%



Date	Vessel	Type	Location
11/18/2019	Wellington Star	Reefer/Containership	Point Post in Bellingham Bay
12/15/2019	Levant	LPG Tanker	Ferndale Intalco
3/24/2021	ATB Vision	ATB	Western end of Guemes Channel

TOTAL (2019-2021)		
	Incidents	%
Total Incidents	3	
Locations With </=3 Incidents ('05-'18)	3	100.0%
Locations With >3 Incidents ('05-'18)	0	
Blair Waterway	0	
Cherry Point	1	
Duwamish	0	

https://www.marinetraffic.com/en/ais/details/ships/shipid:375311/mmsi:311668000/imo:8917584/vessel:WELLINGTON_STAR#VesselInfo

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  **WELLINGTON STAR**

Voyage Information


- My Notes
- Summary
- Latest Position
- Vessel Information**
- Vessel Photos
- Vessel Valuation
- Recent Port Calls
- Events Timeline
- Companies
- Vessel currently within Areas




General

IMO: **8917584**
Name: **WELLINGTON STAR**
Vessel Type - Generic: **Cargo**
Vessel Type - Detailed: **Reefer/Containership**
Navigational Status: **Active**
MMSI: **311668000**
Call Sign: **C6TJ9**
Flag: **Bahamas [BS]**
Gross Tonnage: **7944**
Summer DWT: **11103 t**
Length Overall x Breadth Extreme: **140.5 x 19.7 m**
Year Built: **1992**
Home Port: **NASSAU**
Classification Society: 🔒
Builder: 🔒
Owner: 🔒
Manager: 🔒

https://www.marinetraffic.com/en/ais/details/ships/shipid:3501347/mmsi:256111000/imo:9686388/vessel:AVANCE_LEVANT#VesselInfo



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   **AVANCE LEVANT**

Vessel Information

General


IMO: **9686388**
Name: **AVANCE LEVANT**
Vessel Type - Generic: **Tanker**
Vessel Type - Detailed: **LPG Tanker**
Navigational Status: **Active**
MMSI: **256111000**
Call Sign: **9HA5701**
Flag: **Malta [MT]**
Gross Tonnage: **46943**
Summer DWT: **53658 t**
Length Overall x Breadth Extreme: **227 x 37 m**
Year Built: **2015**
Home Port: -
Classification Society: 
Builder: 


Voyage Information
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Voyage Information
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Vessel timeline

Vessel Information

General

IMO: **9542609**
Name: **VISION**
Vessel Type - Generic: **Tanker**
Vessel Type - Detailed: **Towing Vessel**
Navigational Status: **Active**
MMSI: **366904000**
Call Sign: **WDF6306**
Flag: **USA [US]**
Gross Tonnage: **1052**
Summer DWT: **1800 t**
Length Overall x Breadth Extreme: **41.16 x 12.81 m**
Year Built: **2011**
Home Port: **SAN FRANCISCO CA**
Classification Society: 
Builder: 