

STATE OF THE WATERWAY - 2020



U. S. PORT RANKINGS 2019

(by total tonnage)

(Millions of Short Tons – 2019 ACOE data)



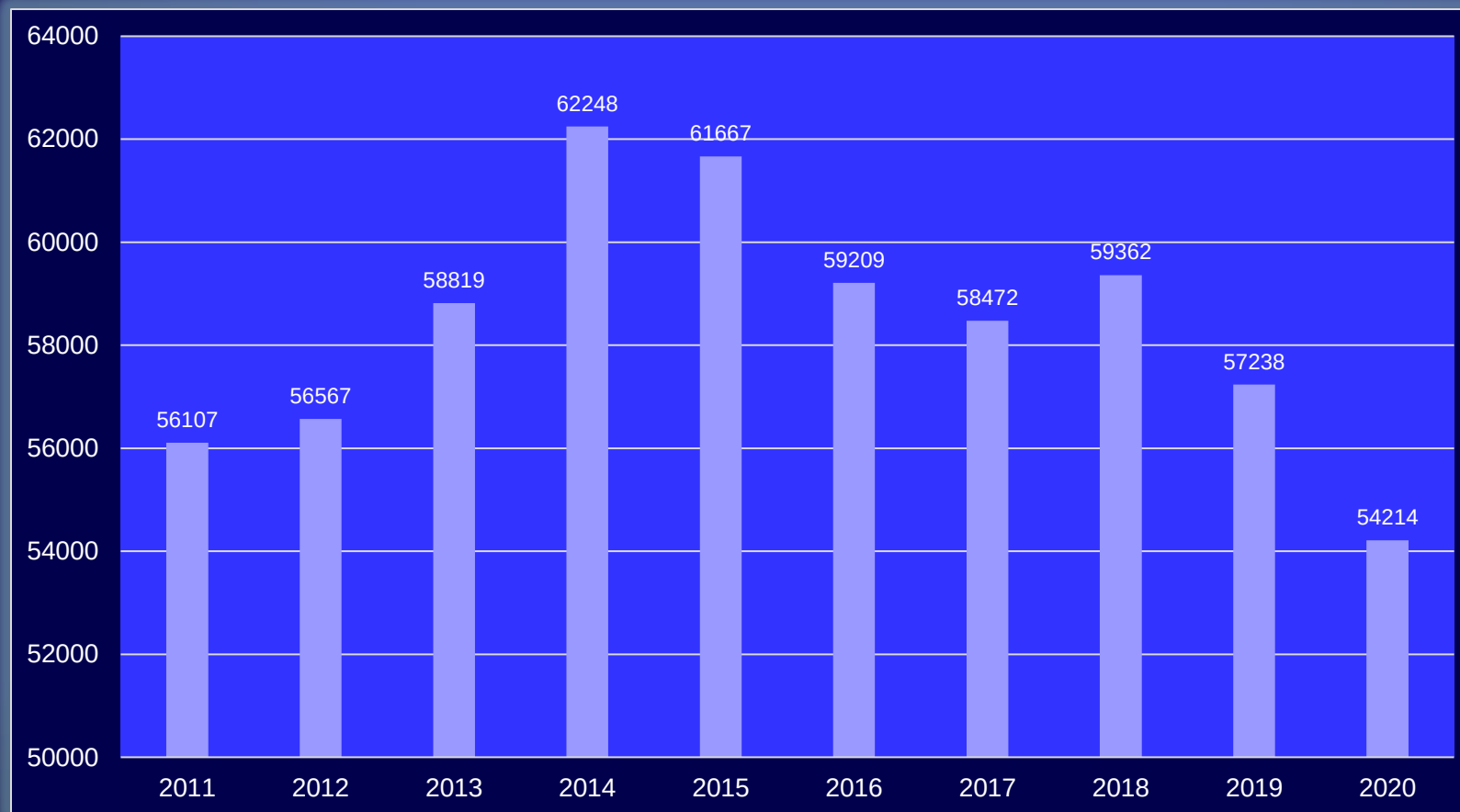
	Port	Tons	% Diff		Port	Tons	% Diff
1	Houston, TX	284.9	6.0	20	Duluth/Superior, MN/WI	33.7	- 3.9
2	Port of S. Louisiana, LA	238.0	-13.6	21	St Louis, MO/IL	31.3	-16.5
3	New York, NY and NJ	136.6	-2.6	22	Tampa, FL	30.0	-3.2
4	Corpus Christi, TX	111.2	19.0	23	Freeport, TX	29.8	17.3
5	Beaumont, TX	101.1	0.8	24	Richmond, CA	28.5	4.5
6	New Orleans, LA	92.2	-1.2	25	Pascagoula, MS	25.8	-5.5
7	Long Beach, CA	80.7	- 6.8	26	Valdez, AK	25.2	- 2.4
8	Baton Rouge, LA	73.4	-10.7	27	Charleston, SC	24.6	-0.9
9	Los Angeles, CA	63.0	-7.1	28	Port Everglades, FL	24.0	-4.1
10	Port of Virginia	61.7	-14.0	29	Seattle, WA	23.0	-11.7
11	Lake Charles, LA	58.0	0.0	30	Pittsburgh, PA	21.8	1.0
12	Mobile, AL	56.9	-3.0	31	Tacoma, WA	21.5	-5.9
13	Plaquemines, LA	52.8	-7.2	32	Portland, OR	19.4	-16.7
14	Baltimore, MD	44.2	-1.2	33	Oakland, CA	19.3	0.0
15	Savannah, GA	41.9	1.6	34	Paulsboro, NJ	18.4	14.2
16	Texas City, TX	41.3	0.0	35	Jacksonville, FL	17.7	-1.5
17	Huntington– Tristate	36.8	7.4	36	Port of Kalama, WA	17.0	7.8
18	Cincinnati-Northern, KY	36.6	-5.1	37	Two Harbors, MN	16.9	-1.7
19	Port Arthur, TX	33.9	-14.8	133	Orange, TX	1.6	27.4

VTS Total Transits – 2020

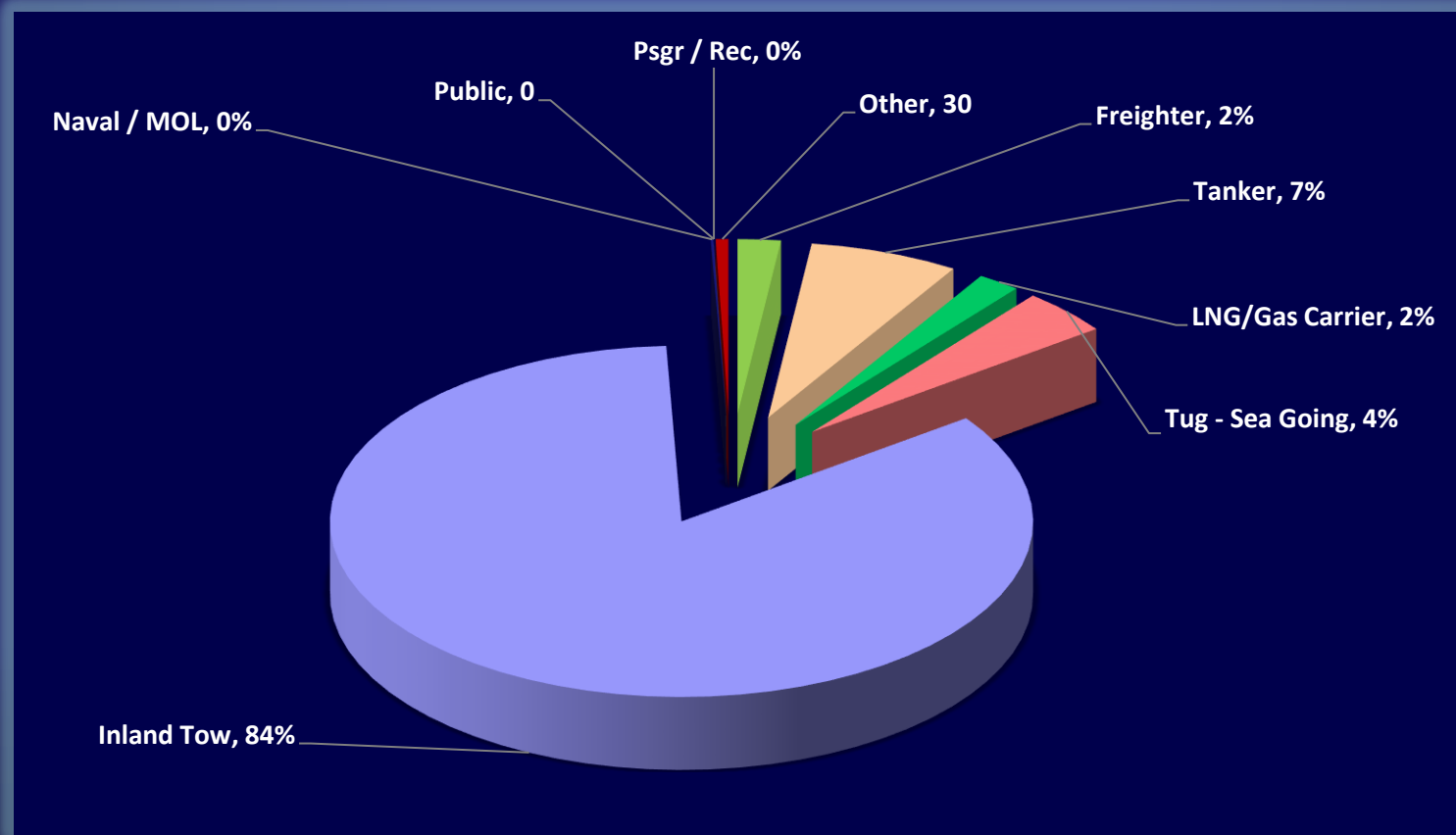


	<u>2019</u>	<u>2020</u>	<u>% Change</u>
Freighter	1251	1039	- 16.9 %
Tanker	4326	3389	- 21.7 %
Gas	1069	953	- 10.9 %
Tug	2089	1955	- 6.4 %
Inland Tow	48,222	46,441	- 3.7 %
Other	281	437	+ 35.7 %
Total	57,317	54,214	- 5.4%

Total Transits 10-Year



TRANSIT SUMMARY by Percentage – 2020



2020 TYPICAL DAY IN THE VTSA



	<u>2019</u>	<u>2020</u>	<u>% Change</u>
Freighter	3.4	2.8	- 17.6 %
Tanker	11.8	9.3	- 21.2 %
Gas	3.0	2.6	- 13.3 %
Tug	5.7	5.4	- 5.3 %
Inland Tow	132.1	127.2	- 3.7 %
Other	.8	1.2	+ 33.3 %
Total	156.8	148.5	- 5.3 %

INCIDENTS BY TYPE – 2020



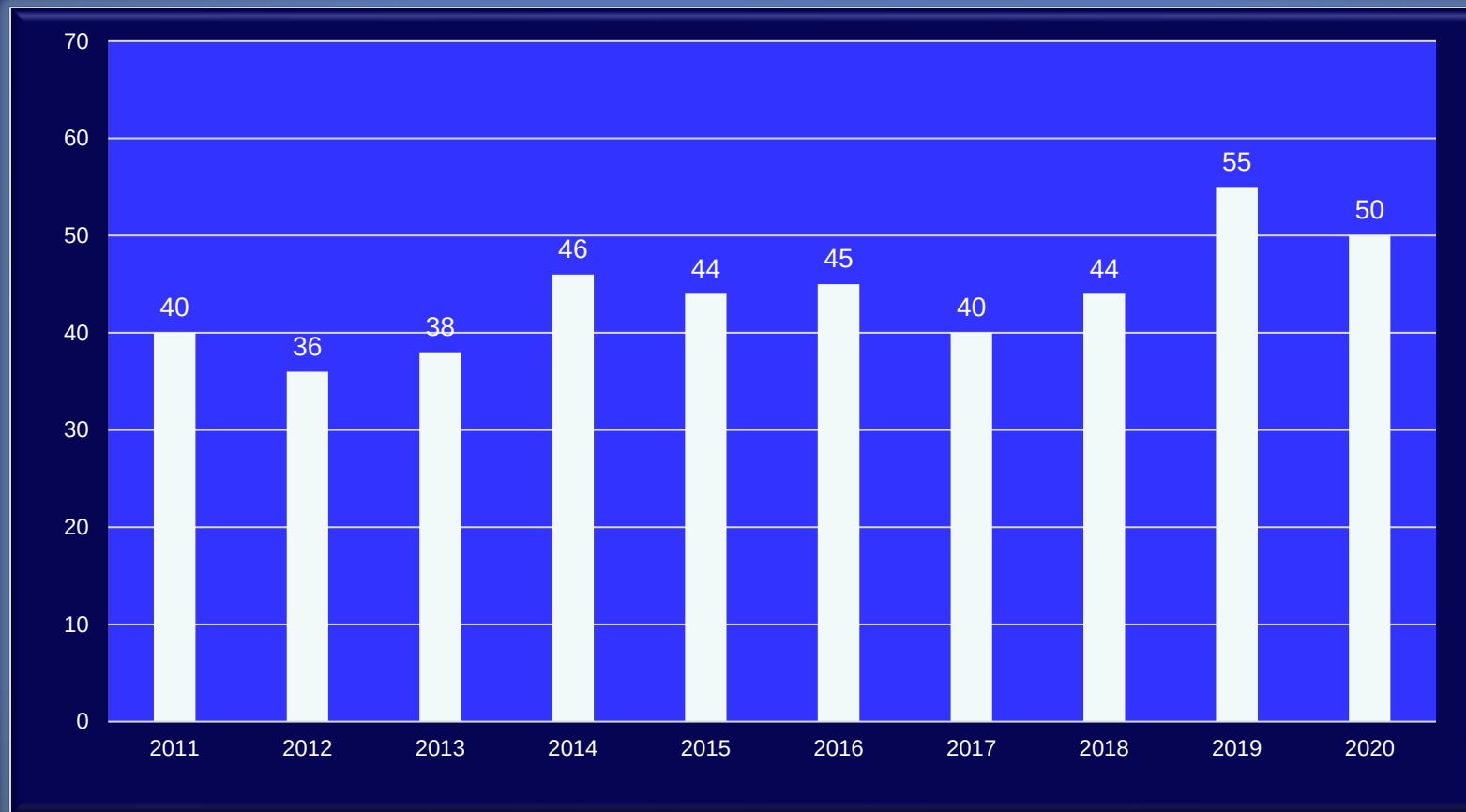
	<u>2019</u>	<u>2020</u>
COLLISIONS	8	6
• 2 involved F/V • 2 while overtaking/passing • 2 while maneuvering close		
ALLISIONS	6	11
• 5 Reported ATON Knockdowns • 1 Bridge allisions (air draft) • 5 while maneuvering close		
GROUNDINGS	8	7
• 7 Tows		
MECHANICAL FAILURE *	21	15
MISCELLANEOUS	12	11
• Wake Damage • Breakaway • Near Miss • Capsized Vsl • Drag Anchor / Sunk at Dock	3 1 4	0 2 5 2 1 / 1
	55	50

INCIDENT SUMMARY – 2020

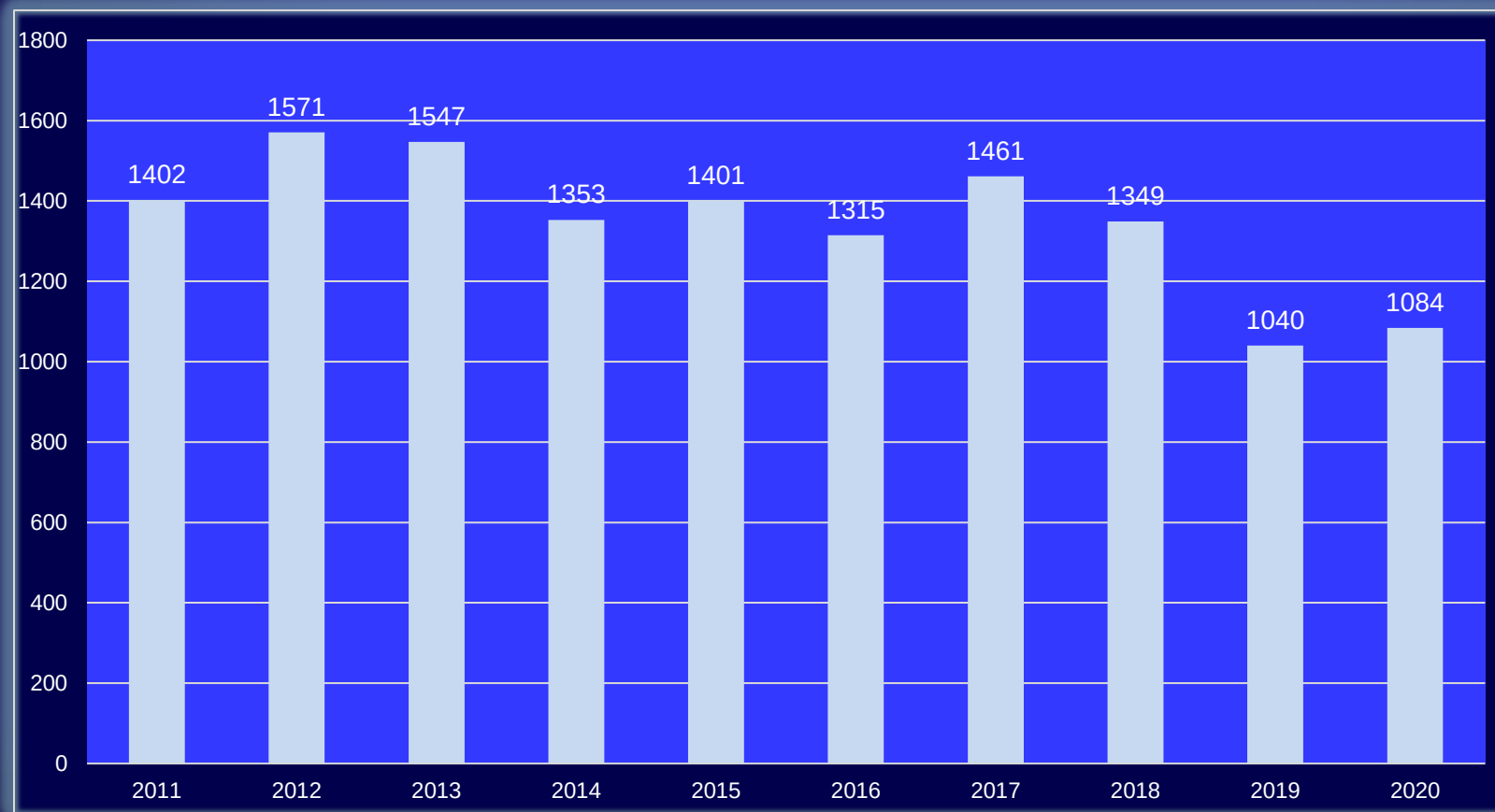


	<u>Ship</u>	<u>Tug</u>	<u>Tow</u>	<u>F/V</u>	<u>Other</u>
Collision	2		3	2*	
Allision	2		9		
Grounding	1		6		1
Equipment Failure	3		10		1
Near Miss	3	1	1	4	1
Breakaway	1				1
Other	1			1	3

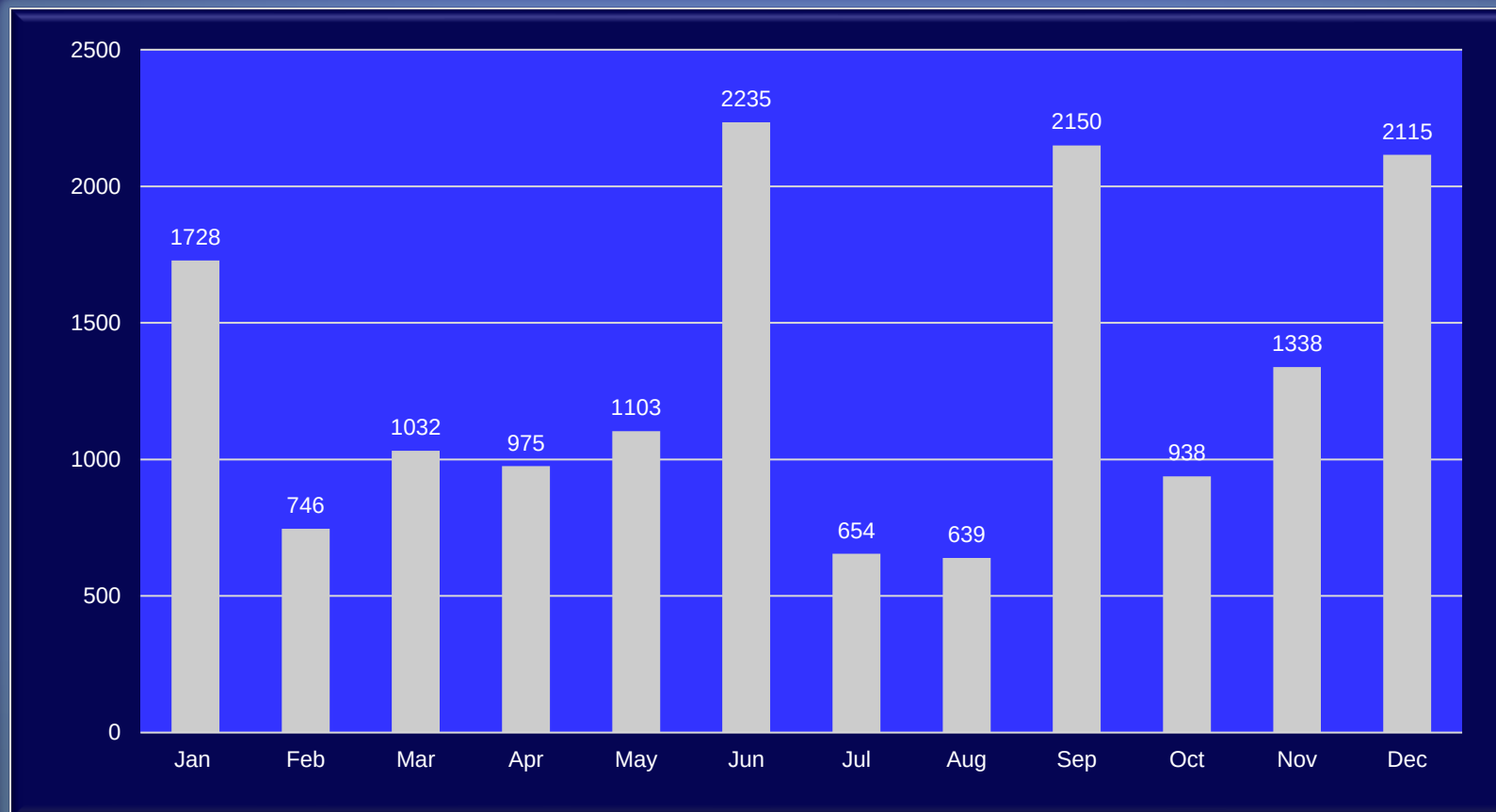
Total Incidents 2011-2020



Transits per Incident 2020

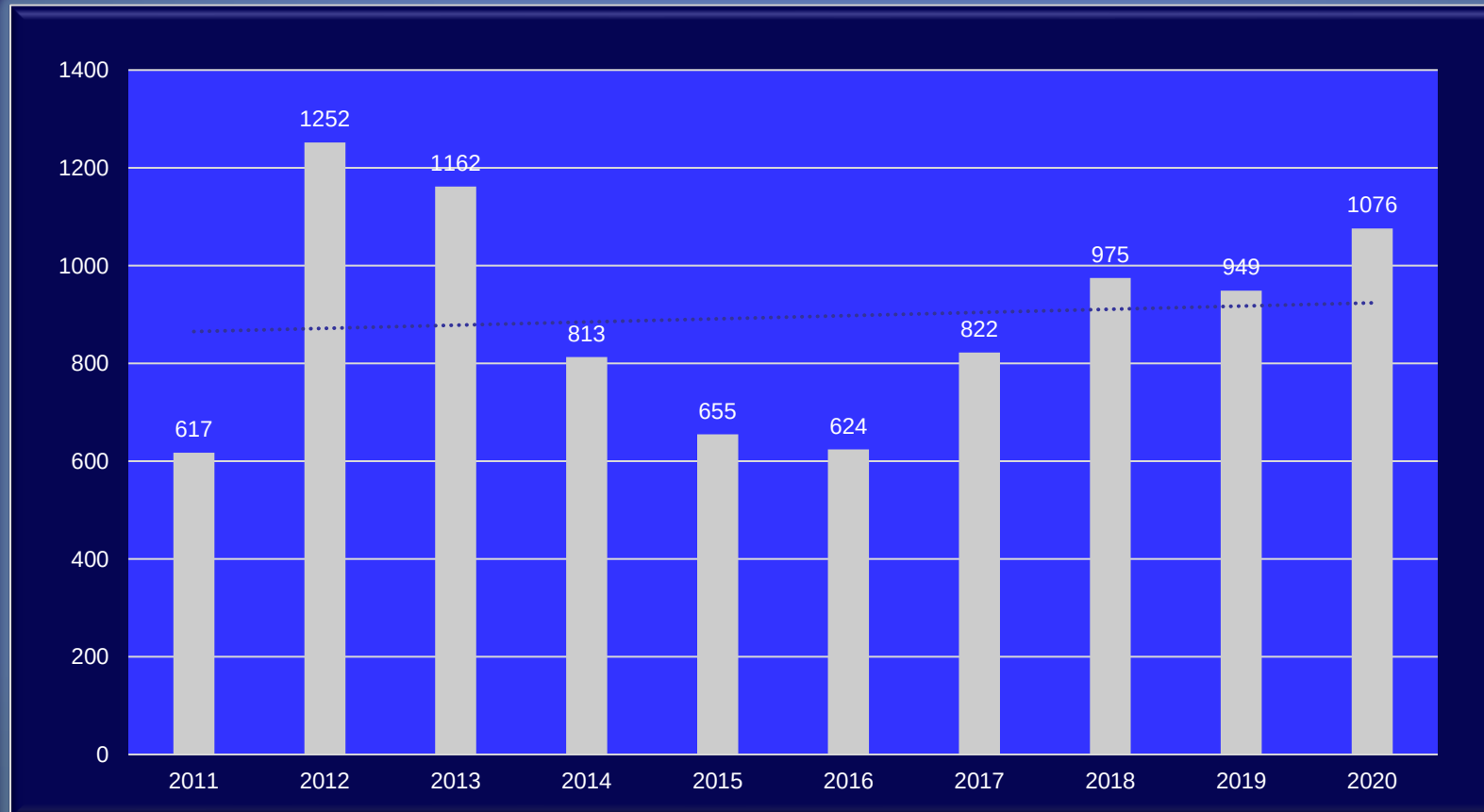


Transits per Incident by Month - 2020



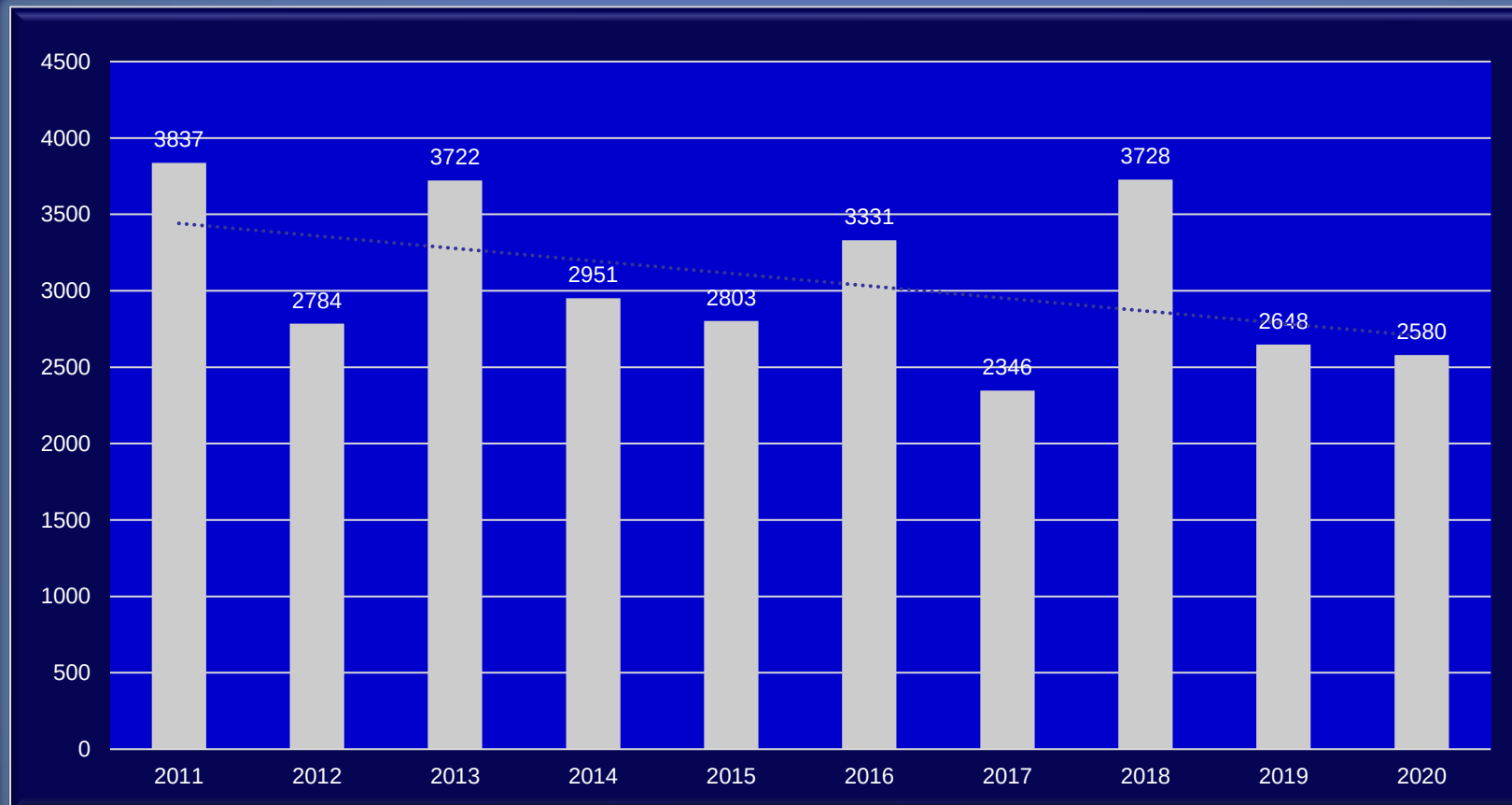
Ship Transits per Incident 2011-2020

(Allisions, Collisions, Groundings and Wake Damages only)



Tow Transits per Incident 2011-2020

(Allisions, Collisions, Groundings and Wake Damages only)



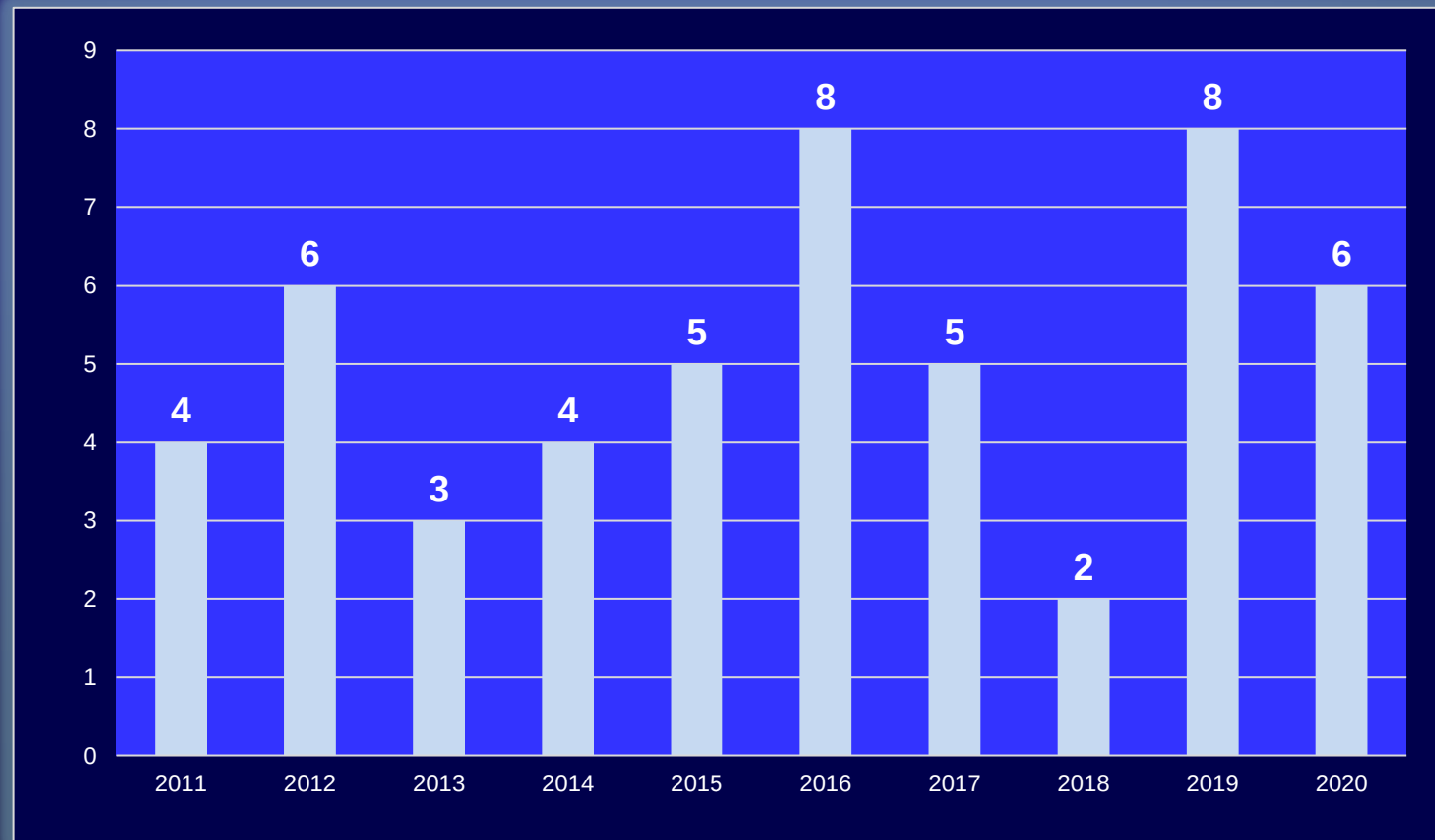
COLLISIONS

2020



6 Total

- **3 Ships**
- **1 Tows**
- **3 Tugs**
- **3 F/V**
- **2 Other**





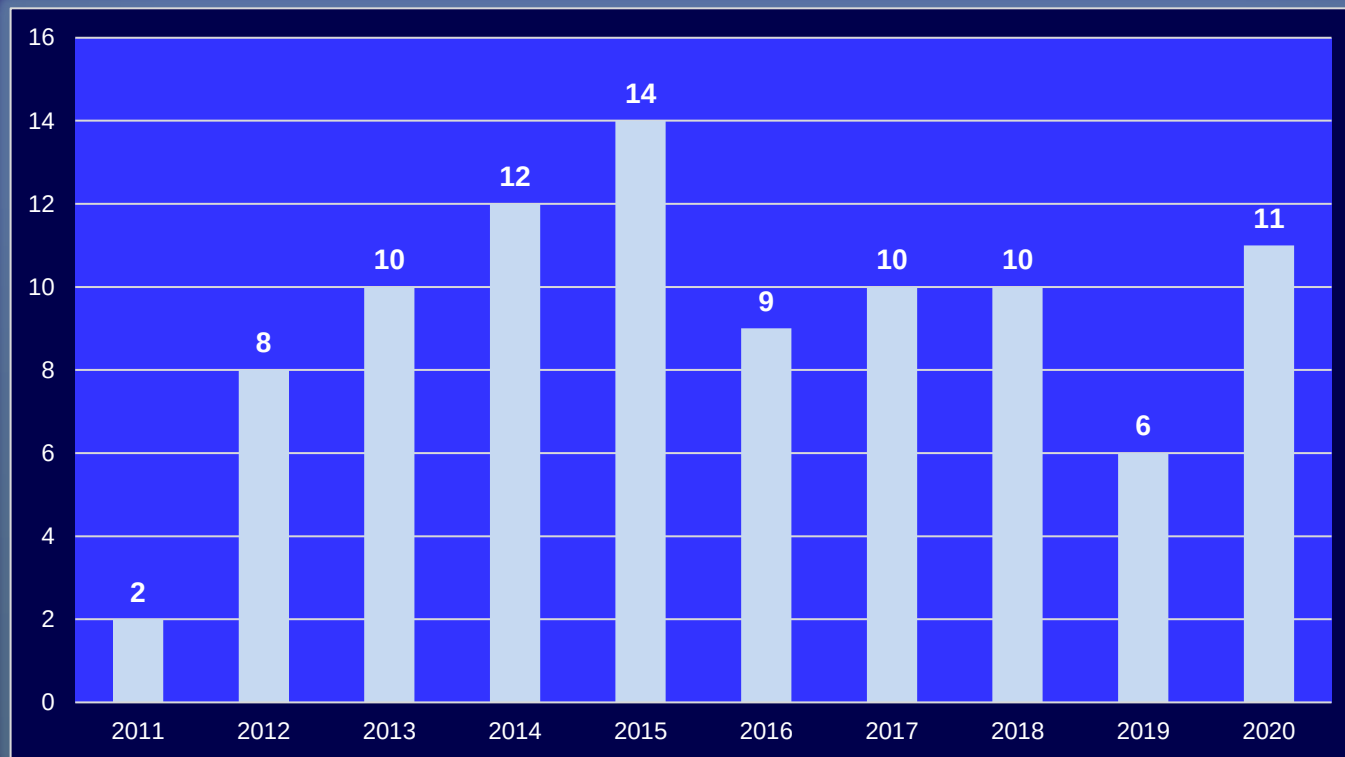
ALLISIONS

2020



11 Allisions

- 5 ATON
- 2 Docks
- 1 Bridge





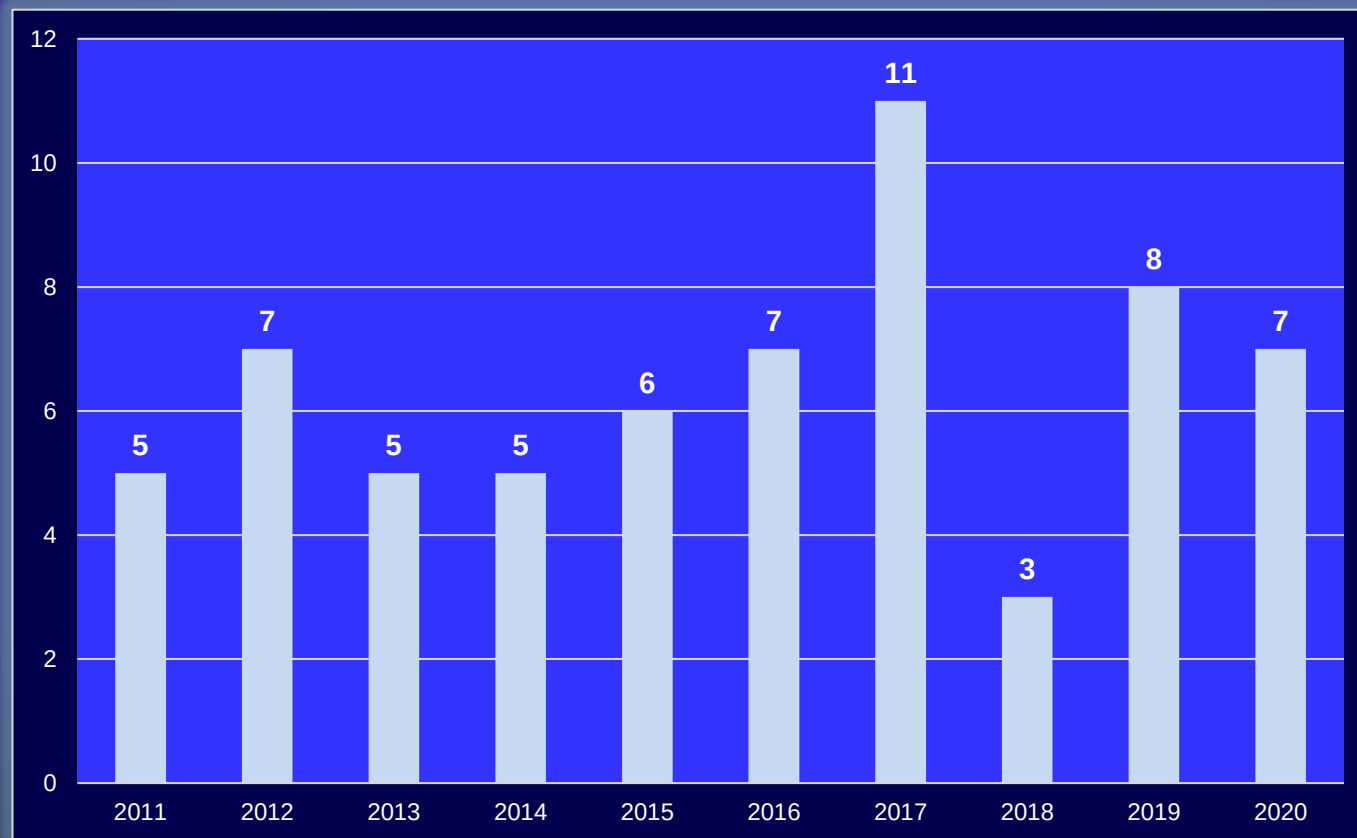
Allisions 2020

GROUNDINGS



7 Groundings

- 6 Tows
- 1 Ship

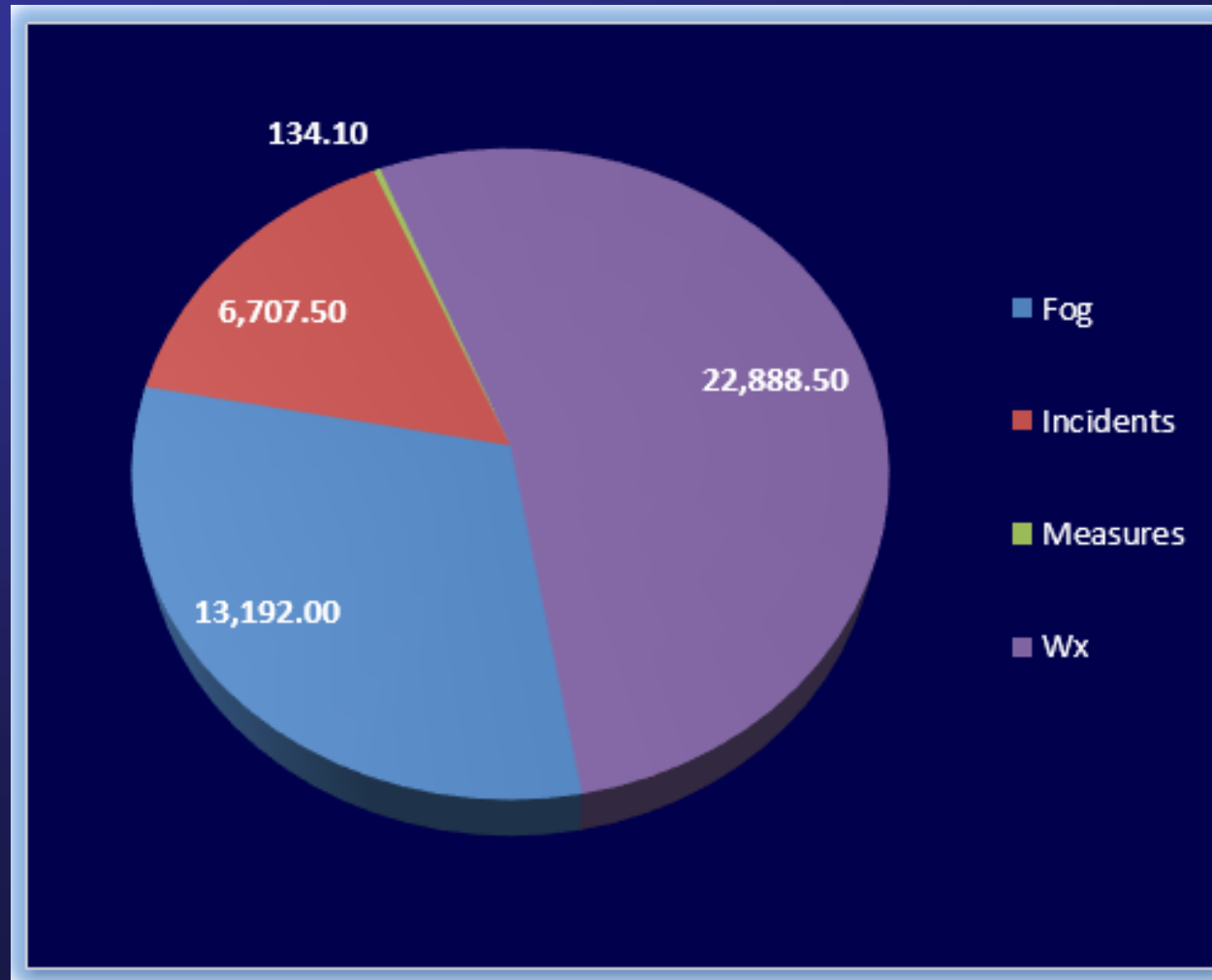




Groundings 2020

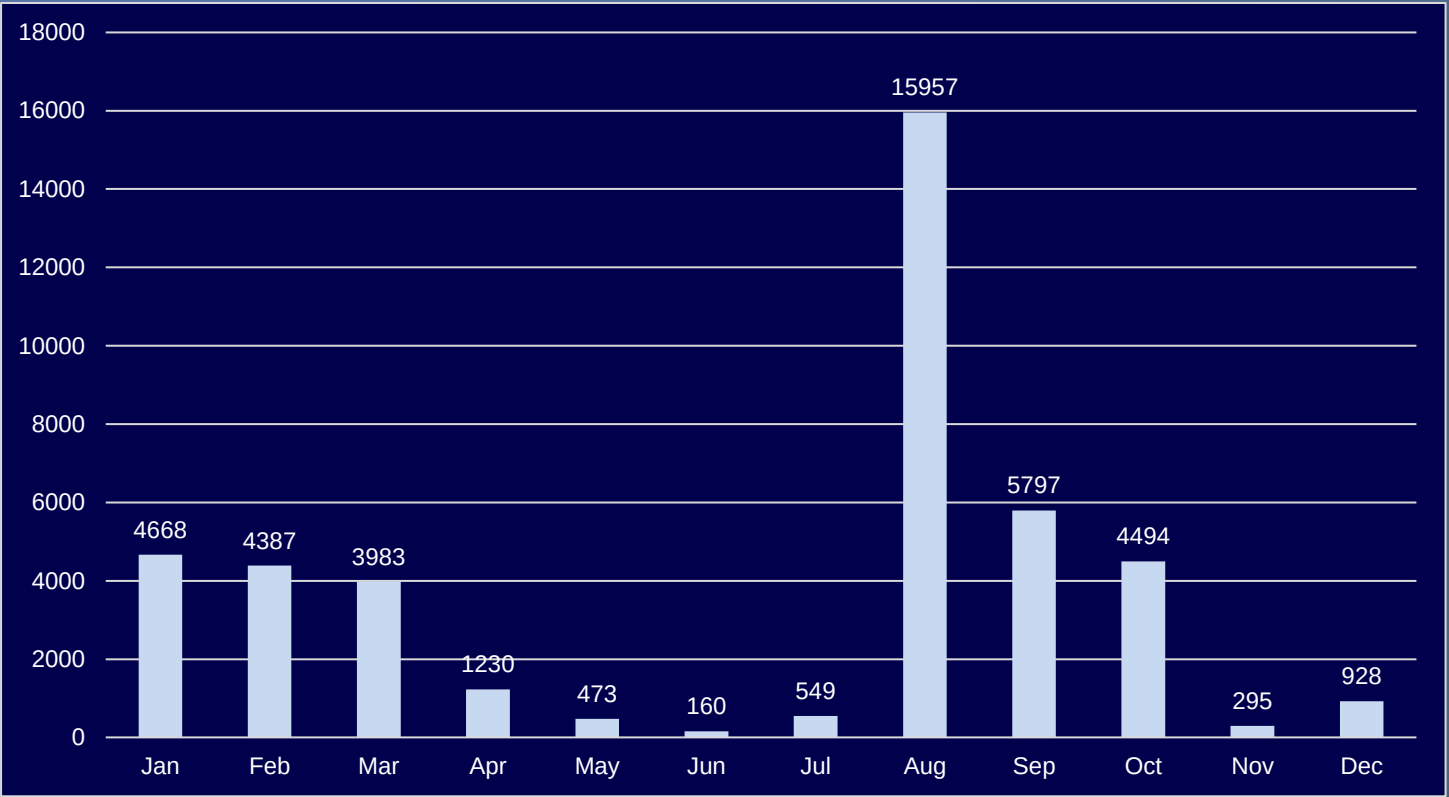
Vessel Delays 2020

(in vessel hours)



Total Vessel Delays by Month

2020
(in vessel hours)



2020 INCIDENT HIGHLIGHTS



Breakaways/ Wake Damage:

- 0 Wake Damage (3 Wake Complaints)
- 2 Breakaway

4 ATON Knockdowns (Reported)

Increase in Equipment Failures 39 / 15 (2019 - 50 / 21)

5 Near Miss Situations:

- 3 F/V (1 impeding / 1 near miss of jetties)
- 1 F/V and Dredge

1 Significant Collisions:

- ATB and USCG at Sabine Jetties

2020 CHALLENGES



- **Planning for deepening project**
 - Additional offshore ATON
 - Addition of new fairway anchorages
- **Preparing for increased LHG vessel transits.**
- **Updating port hurricane plans based on lessons learned from LAURA / DELTA**
 - (ERWD)

VTS/WATERWAYS CONTACTS



- Scott Whalen, Director VTS Port Arthur,
(409) 719-5086 scott.k.Whalen@uscg.mil
- Douglas Hendrix, Operation/Training Manager,
(409) 719-5083 douglas.g.hendrix2@uscg.mil
- Vessel Traffic Center, Watch Supervisor 24hrs
(409) 719-5070 msuportarthur-vtssup@uscg.mil
- VTS Webpage – <https://www.atlanticarea.uscg.mil/vtsportarthur/>
- Homeport Website – <http://homeport.uscg.mil>

Mark Your Calendars Upcoming SETWAC Meetings



Working Group Meeting

Thursday, April 14, 2021

10:00 am

Sabine-Neches Navigation District Office

Full Committee Meeting

Thursday, April 28, 2021

10:00 am

MSU Port Arthur