

STATE OF THE WATERWAY - 2022



U. S. PORT RANKINGS 2020 (by total tonnage)

(Millions of Short Tons – 2020 ACOE data)



Port	Tons	% Diff	Port	Tons	% Diff
1 Houston, TX	275.9	-3.2	20 Texas City, TX	33.7	-18.4
2 Port of S. Louisiana, LA	225.1	-5.4	21 St Louis, MO/IL	30.5	6.0
3 Corpus Christi, TX	150.8	35.5	22 Huntington– Tristate	29.7	-19.3
4 New York, NY and NJ	123.7	-9.4	23 Philadelphia Regional Port	28.5	-17.8
5 New Orleans, LA	81.1	-12.1	24 Tampa, FL	28.5	-5.0
6 Long Beach, CA	79.2	-1.5	25 Valdez, AK	25.1	-0.3
7 Baton Rouge, LA	71.7	- 2.3	26 Duluth/Superior, MN/WI	25.1	-25.7
8. Beaumont, TX	70.6	-24.3	27 Charleston, SC	24.9	1.4
9 Los Angeles, CA	59.5	-5.6	28 Indian (Northern District)	24.7	***
10. Port of Virginia	58.0	-5.9	29 Jackson County Port, MS	23.1	-10.6
11. Mobile, AL	53.2	-6.5	30 Seattle, WA	23.0	-0.2
12. Plaquemines, LA	46.8	-11.4	31 Tacoma, WA	21.6	0.4
13. Savannah, GA	43.5	3.6	32 Richmond, CA	21.1	-26.1
14. Lake Charles, LA	43.1	-25.8	33 Portland, OR	20.7	7.0
15. Port Arthur, TX	41.2	2.7	34 Port Everglades, FL	20.4	-14.8
16. Freeport, TX	38.7	29.8	35 South Jersey Port District	20.3	-16.5
17. Mid-Ohio Valley Port	35.9	-22.5	36 Oakland, CA	19.4	0.5
18. Baltimore, MD	35.2	-20.4	37 Port of Kalama, WA	18.1	6.6
19. Cincinnati-Northern, KY	34.5	-5.7	38 Jacksonville, FL	16.7	-5.8
			73 Sabine Pass Port Authority	5.5	117.8
			86 Orange, TX	4.1	-14.9

VTS Total Transits – 2022

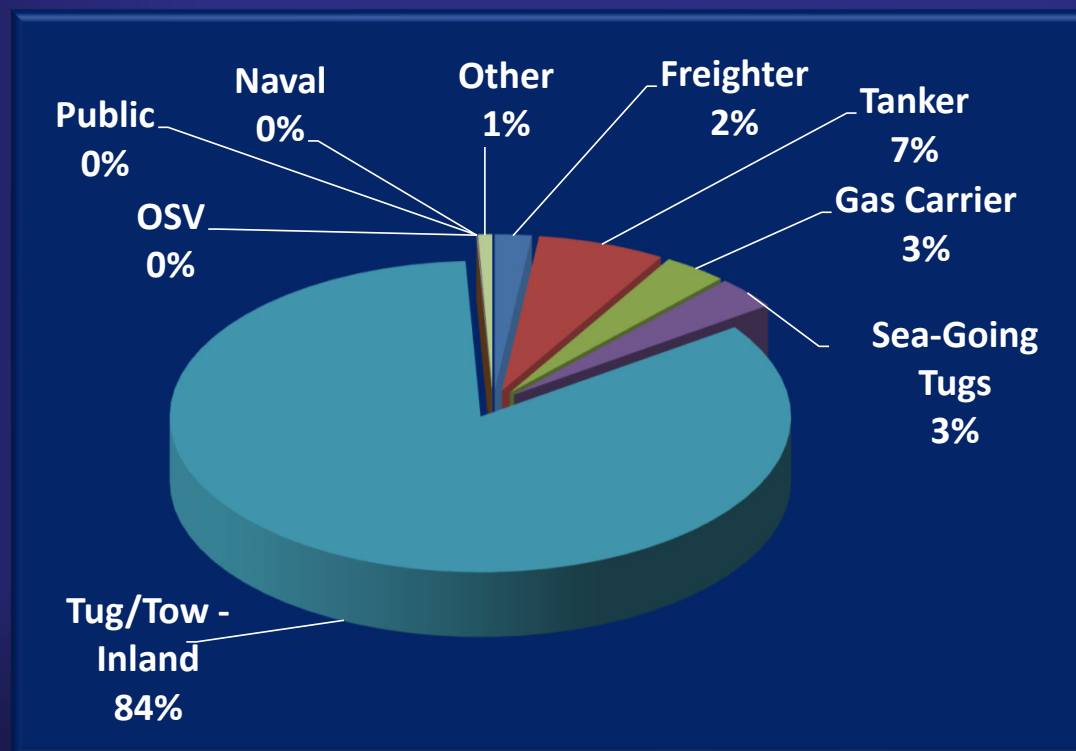


	<u>2021</u>	<u>2022</u>	<u>%Change</u>
Tug / Tow	46,325	47,788	+ 3.2 %
• Tug – seagoing	1665	1837	+ 10.3 %
Tanker	3,561	3,644	+ 2.3 %
Freighter	884	1048	+ 18.5 %
Gas	1,622	1830	+ 12.8 %
Other	561	426	- 24.1 %
Total	52,593	54,736	+ 4.1 %

Total Transits 2013 – 2022



TRANSIT SUMMARY by Percentage – 2022



2022 TYPICAL DAY IN THE VTSA



	2021	2022	
TANKER TRANSITS	9.8	10.0	+ 2.0 %
FREIGHTER TRANSITS	2.4	2.9	+ 20.1 %
GAS CARRIER TRANSITS	4.4	5.1	+ 15.9 %
TUG (Sea-Going)	4.6	5.0	+ 8.7 %
TOW TRANSITS	122.4	125.9	+ 2.8 %
OSV / OTHER TRANSITS	1.5	1.2	- 20.0 %

INCIDENTS BY TYPE – 2021

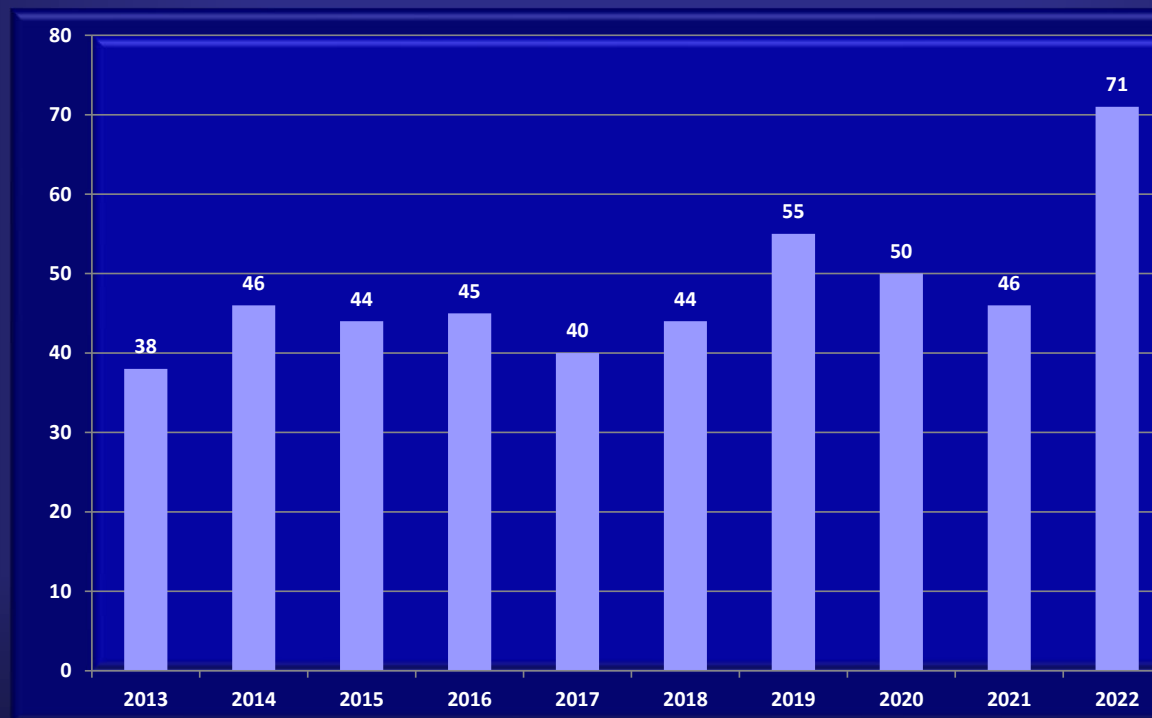


	<u>2021</u>	<u>2022</u>
COLLISIONS	3	6
• Inland / Inland	1	1
• Ship / Inland	2	4
• Ship / Ship	0	1
ALLISIONS	9	10
• Reported ATON Knockdowns	3	6
• Bridge allisions (air draft)	1	2
• While maneuvering close	5	1
GROUNDINGS	3	10
• 2 Inland / 1 OSV	3	
MECHANICAL FAILURE *	20	36
MISCELLANEOUS	11	9
• Wake Damage	3	3
• Breakaway (1 barge, 1 F/Vs)	2	2
• Near Miss	5	3
• Fire	1	0
• Other	0	1
	46	71

2022 - Incidents by Vessel Type

30	Ships
38	Inland Tows
5	Tugs
3	F/V
10	Misc. (e.g. Barges)
86	

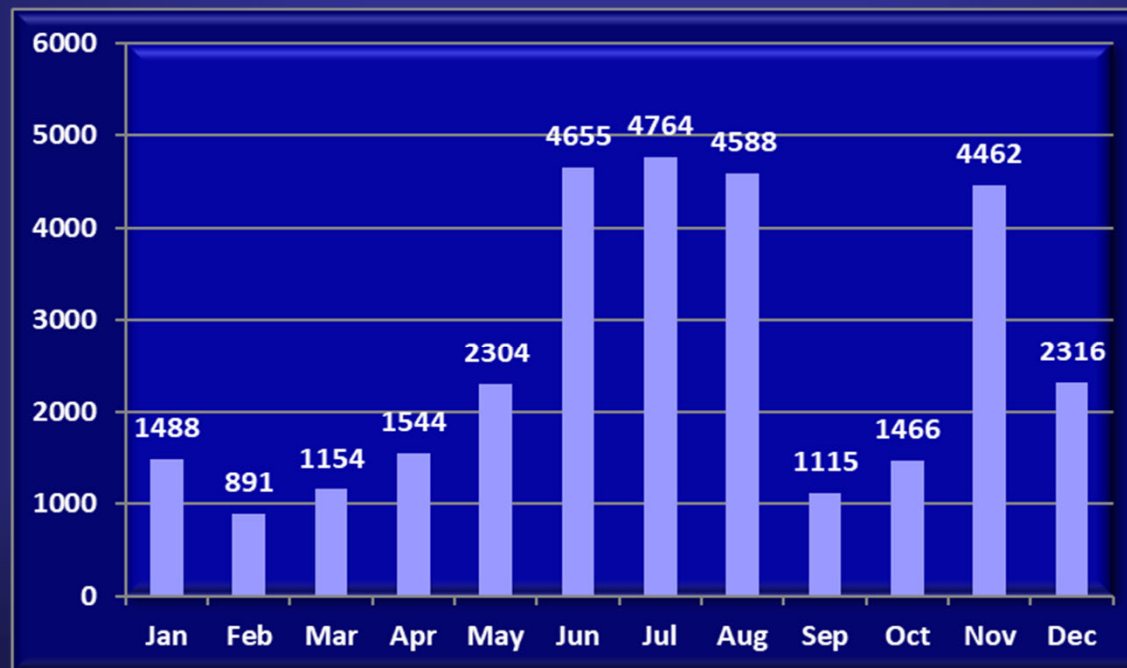
Total Incidents 2013-2022



Transits per Navigation Incident by Month 2022



(Allisions, Collisions, Groundings and Wake Damages only)



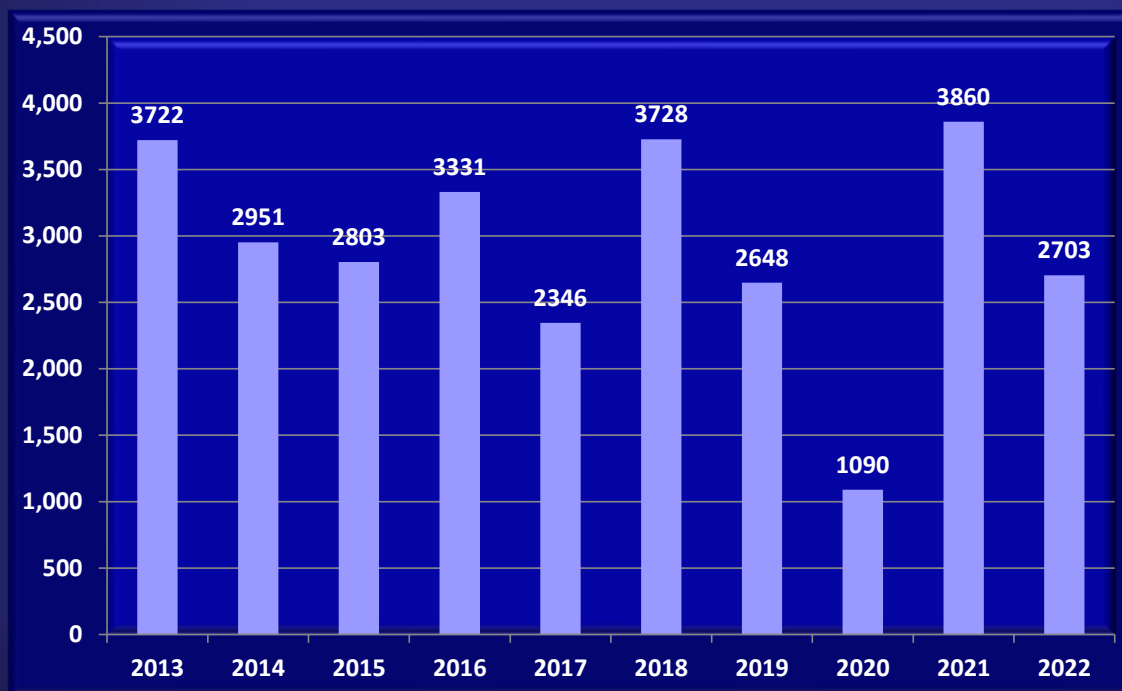
Ship Transits per Incident 2013-2022

(Allisions, Collisions, Groundings and Wake Damages only)



Tow Transits per Incident 2013-2022

(Allisions, Collisions, Groundings and Wake Damages only)



COLLISIONS



2022: 6 Total Collisions





ALLISIONS



2022: 10 Total Allisions

- 8 Tows / Tugs
- 1 F/V
- 1 Dredge



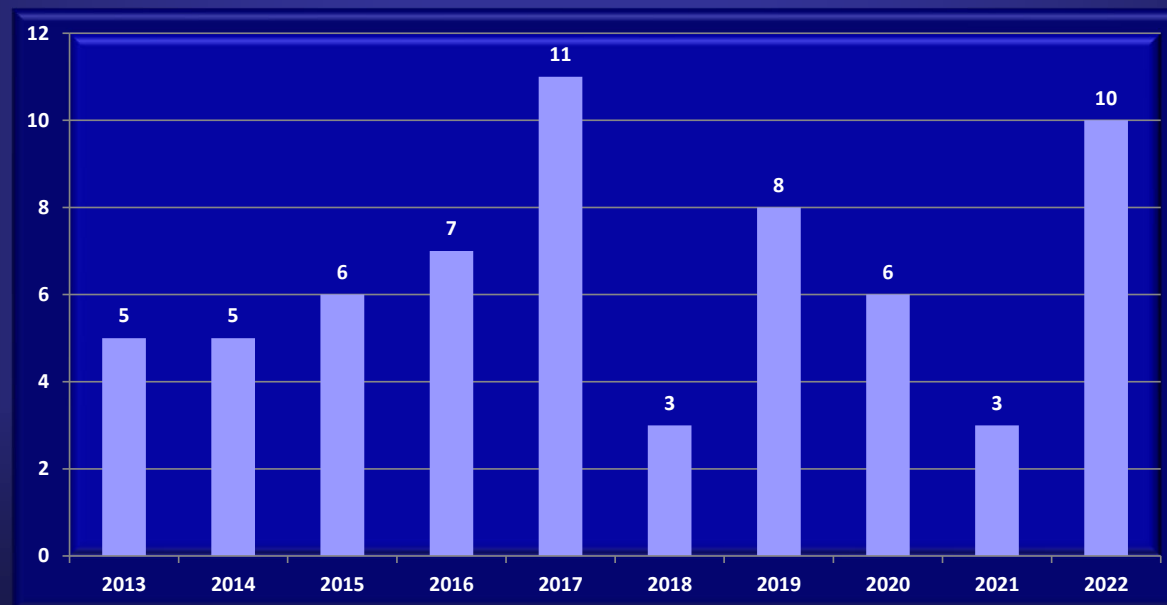


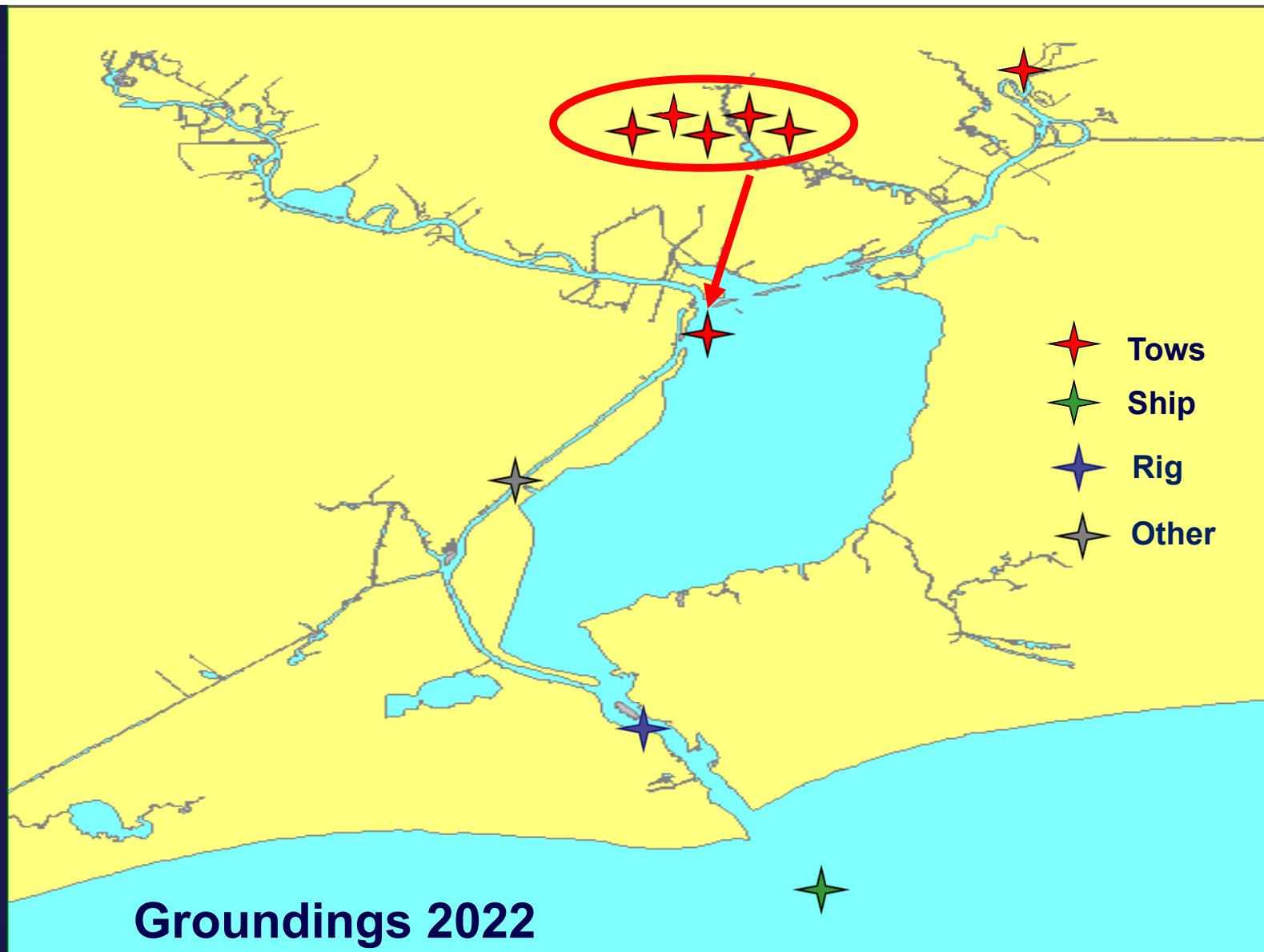
GROUNDINGS



2022: 10 Total Groundings

- 7 Tows
- 1 Ship
- 1 Rig
- 1 Other (Tender)





2022

Total Vessel Delays by Month

(in vessel hours)

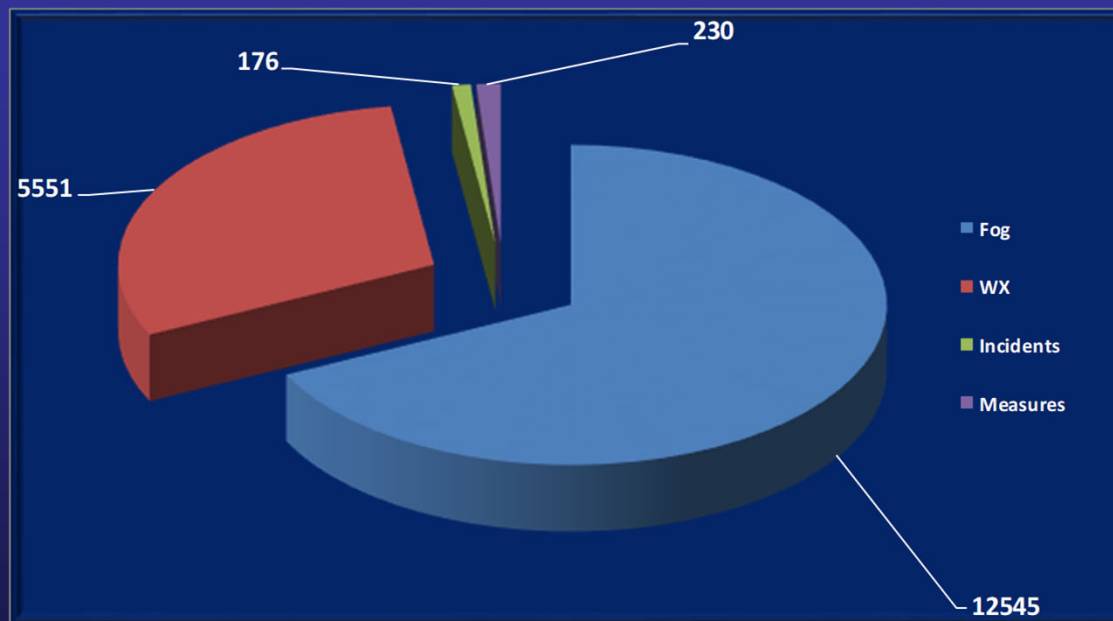


2021 Average Delay
2022

Ships: 24.9
19.8

Inland: 40.5
5.1

2022 Sabine-Neches Delays (in vessel hours)

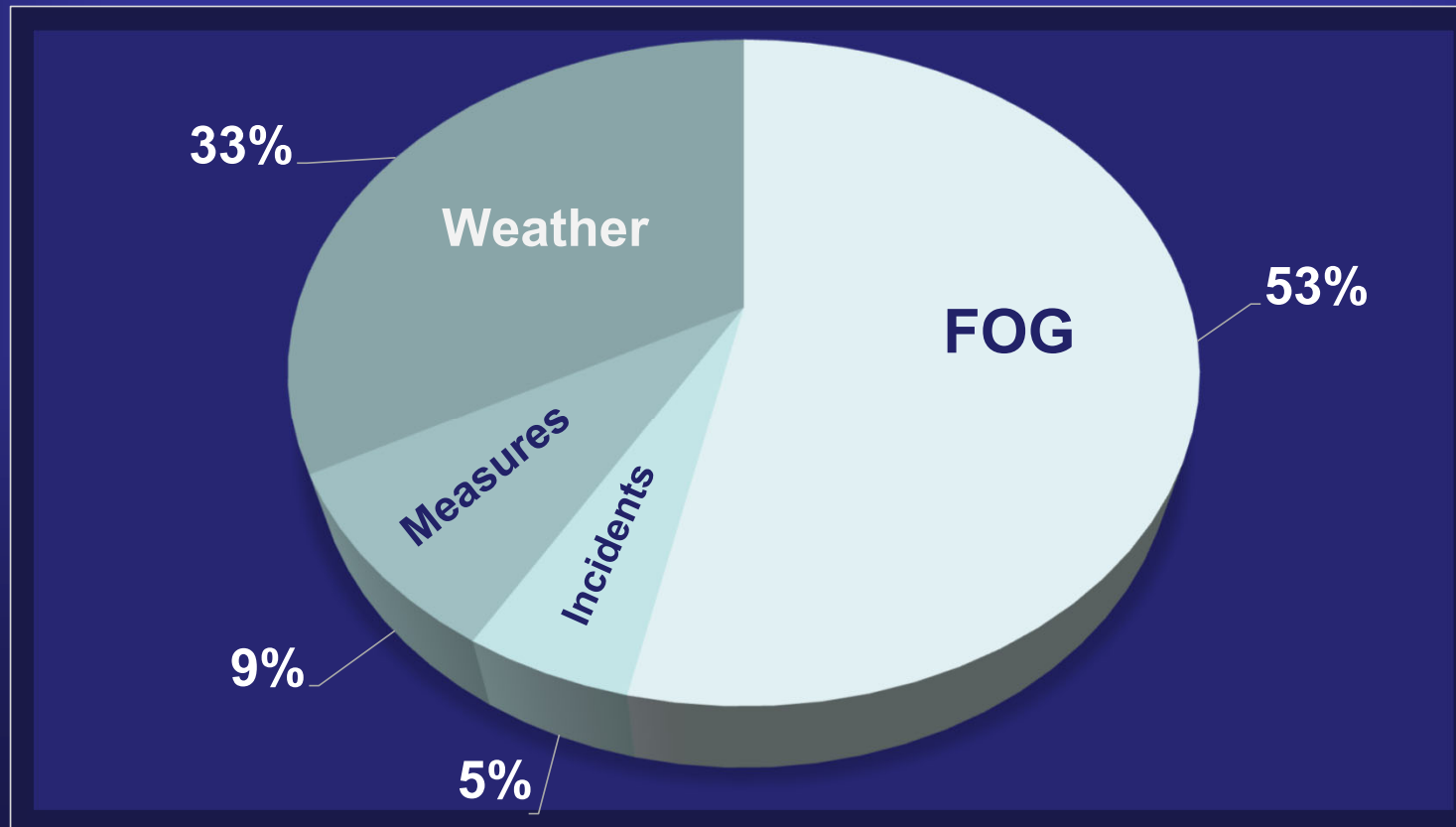


Fog Days

All: 81

Ships Only: 51

2022 Vessel Delays by Reason



2022 INCIDENTS OF NOTE



- 5 Breakaways/Wake Damage:

- 3 Wake Damage (+4 Wake Complaints)
- 2 Breakaway incidents (1 ship / 1 drydock)

- 6 ATON Knockdowns (Reported)

- Increase in Equipment Failures

- 3 Near Miss Situations:

- 1 F/V (at vicinity jetties)

- 3 Collisions:

- 3 involving deep draft ships and inland towing vessels during overtaking situation.

2022 CHALLENGES



➤ Planning for Deepening Project.

- Planned increases in ship traffic including LHG transits.
- Dredging in multiple location.
- ATON – relocation, establishment.
- ATON Allisions
- Pipeline removal operations.