

Stolzenberg Eric

From: [REDACTED]@uscg.mil>
Sent: Thursday, November 29, 2018 2:51 PM
To: Stolzenberg Eric
Cc: [REDACTED]
Subject: RE: Data Analysis Request: Passenger Vessel Fires
Attachments: NTSB Passenger Vessel Fire Stats 2001-2018 11-28-2018.pdf; NTSB Passenger Vessel Fire Events Data 2001-2018 11-28-2018.xlsx

Follow Up Flag: Follow up
Flag Status: Completed

Good afternoon.

The two attachments contain the data and summary statistics for fires (initial, reflash and explosions combined) for US flag passenger vessels for Calendar Years 2001 through 2018, to date. These statistics were generated from data taken from our MISLE system via the CGBI Vessel Events cube, and supplemented with SQL queries for the incident narrative and event timeline details. These data were pulled from the system on November 28, 2018.

The following table contains the overall statistics for fires for H, K and T vessels for the time period.

Fires on US Flag Inspected Passenger Vessels 2001-2018				
Source Analysis	Subchapter			Subtotals
	H	K	T	
Engineroom	24	62	187	273
Auxiliary	21	7	3	31
Accommodation	4	3	13	20
Exhaust	1	4	9	14
Wheelhouse	1	2	7	10
Galley	1	1	7	9
Unspecified		2	5	7
Arson		1	4	5
During Drydock	1		2	3
Shore Connection		1	1	2
Main Deck		1	1	2
Storage		1		1
Pilot House		1		1
Trailorized			1	1
Fire at Shipyard			1	1
Rescue boat	1			1
Shoreside Source		1		1
Hotwork main deck			1	1
Grand Totals	54	87	242	383

MISLE data as of November 28, 2018

Records for Uninspected Passenger Vessels (UPV) were excluded from these records and statistics. Narrative fields were edited to blank out the names of individuals included in the investigation.


The location / source of the fire was generated from a review of the timeline event narrative and the incident narrative for the casualty event/investigation. Engineroom, the most frequent finding, includes both formal engineroom spaces

as well as engine compartments (on smaller vessels). Auxiliary spaces generally were those identified as those separate from the engineroom in their description, applying mostly to ship service generators and steering gear spaces. Please contact me if you have any questions regarding the terms I used for this categorization.

The Excel workbook contains three tabs: the data sheet US PV Fires, Pivots, which contains two dynamic pivot tables to be used for further analysis, and Summary which is a static set of statistics used to generate the Adobe Acrobat file.

The Pivot tab contains two tables: the one above and another which breaks down these statistics by Calendar Year.

I hope this will be of some assistance for the upcoming hearings.



*Senior Operations Research Analyst, US Coast Guard
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