



# Shoreside EM Program - Implementation Overview

September 2020 - CONFIDENTIAL

# Installations / Participants– 29 Vessels

BS/AFA Only  
11 vessels

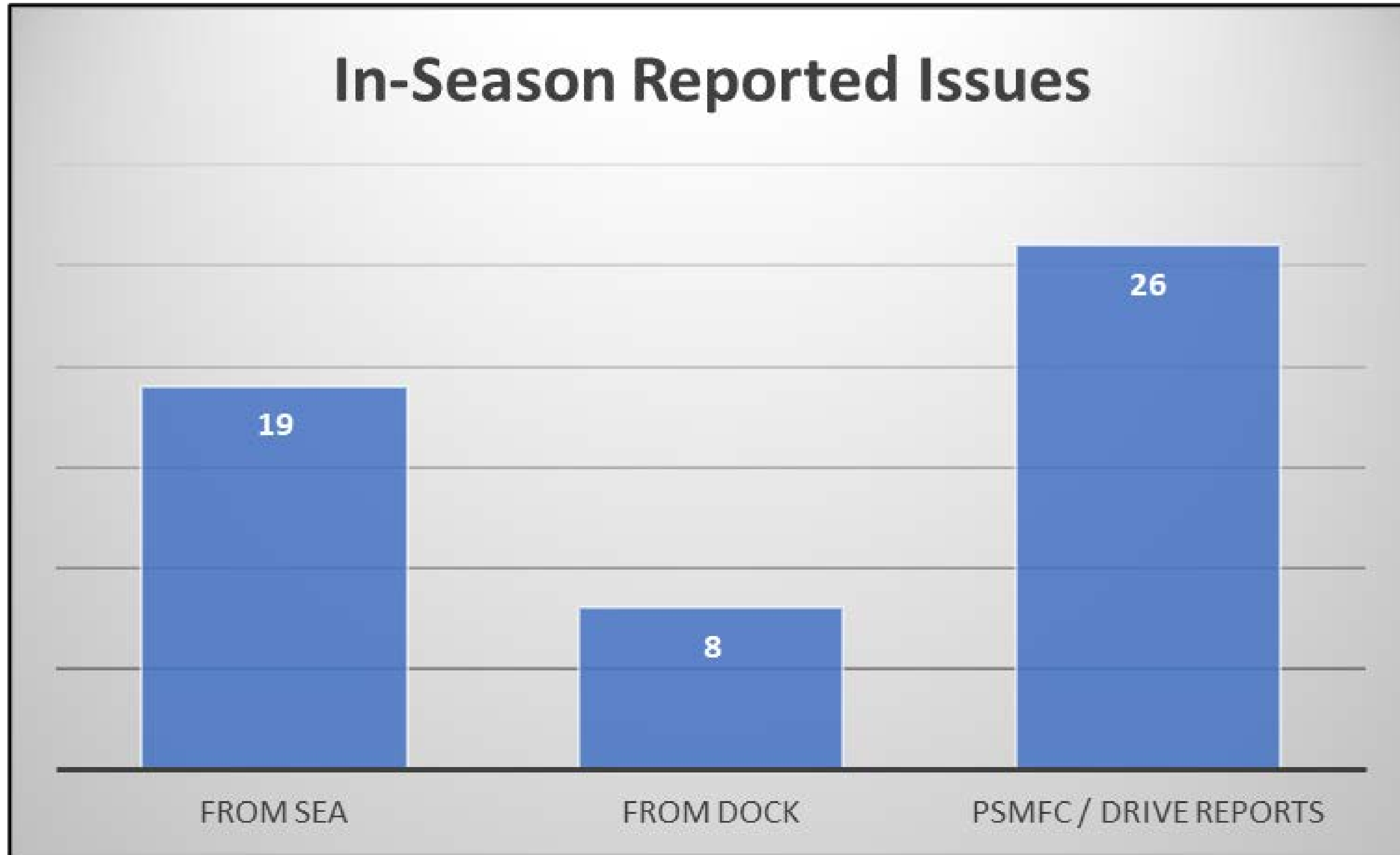
GOA Only  
8 vessels

Crossover (BS/AFA & GOA)  
10 Vessels



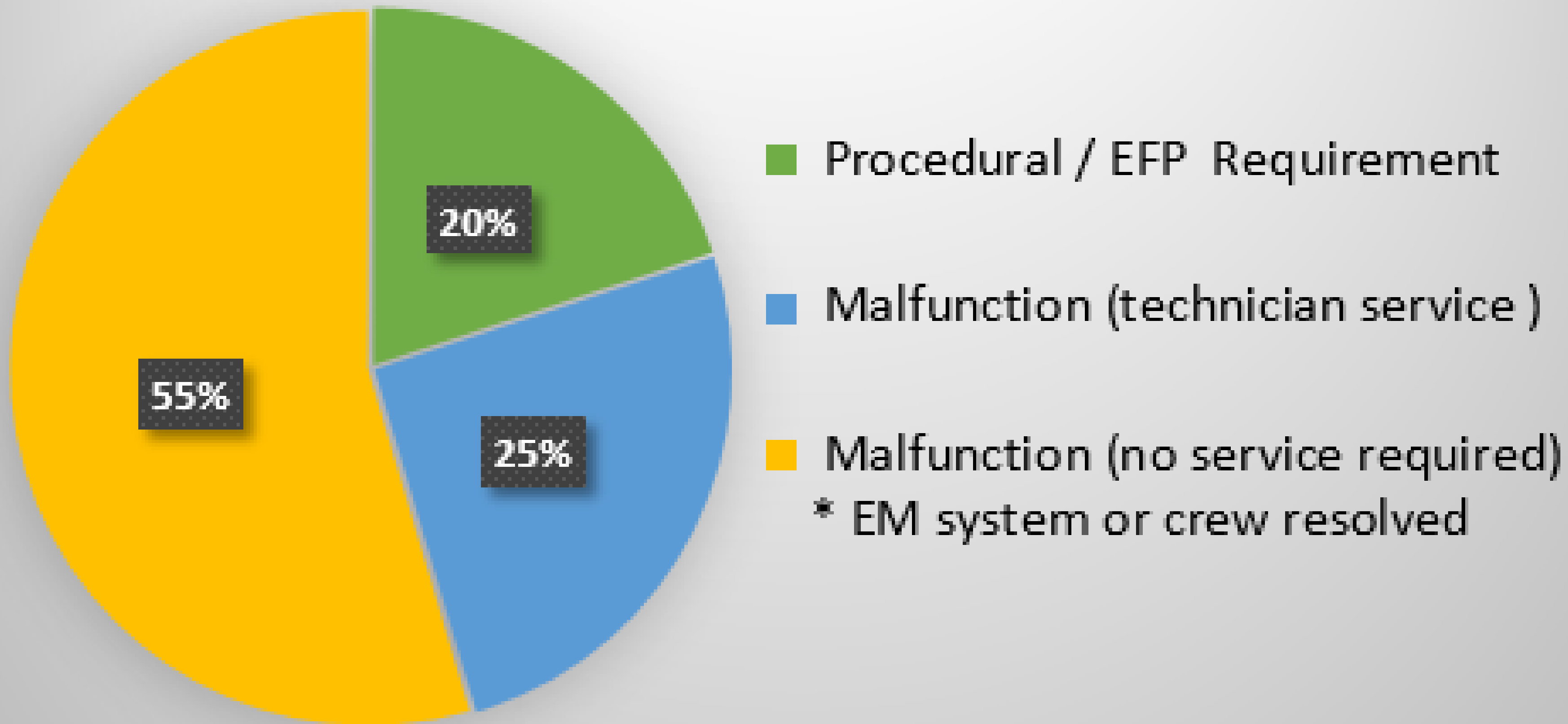


# Vessel Reported Equipment Issues (YTD)



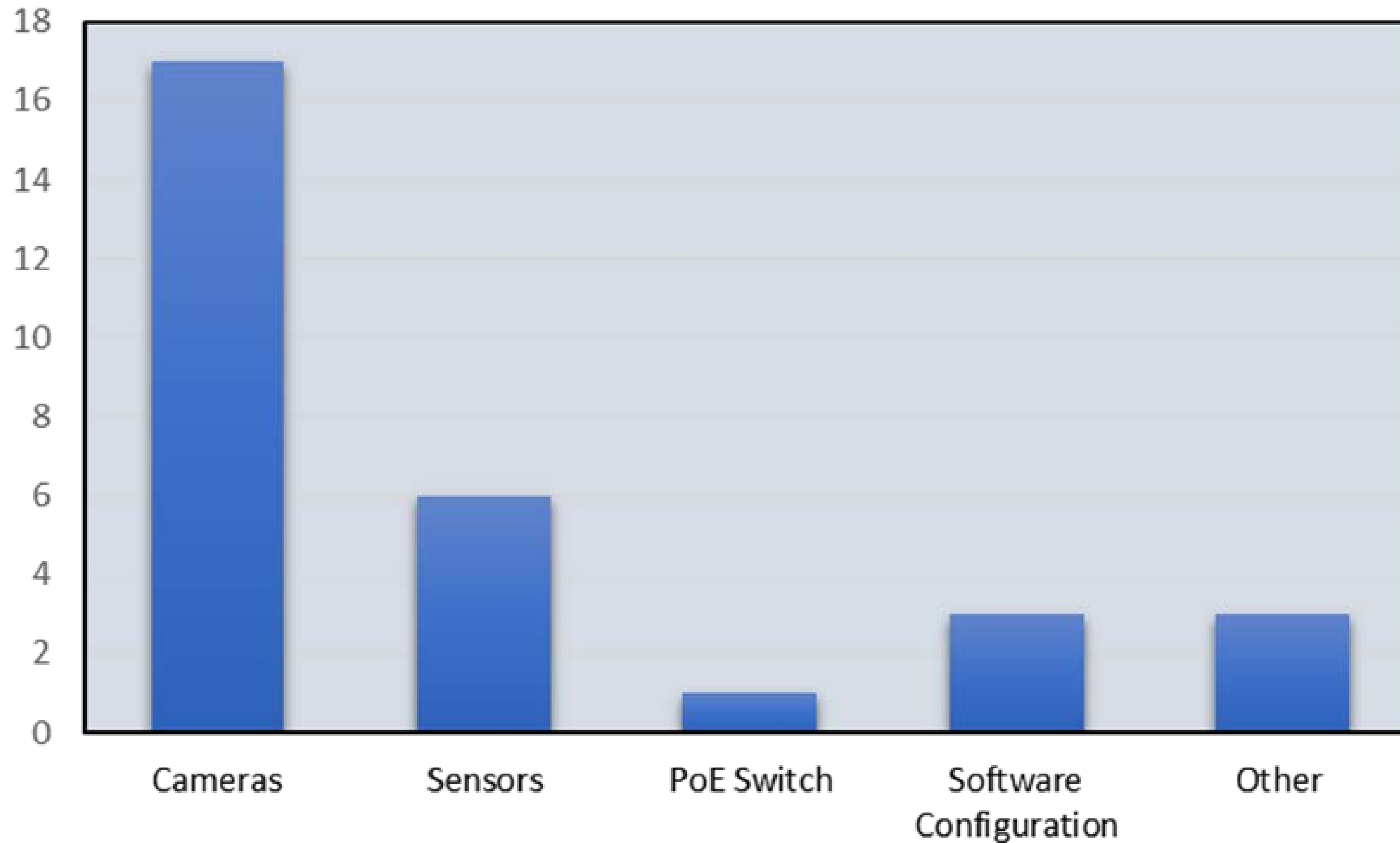
# Reported Issues

## Vessel Reported Issues - By Type YTD



# Component Issues

Component Issues - Vessel Reported (TYD)



# Drive Report Summaries

## Vessel Reporting Requirements/Issues

- Logbook submissions and logbook related
- Data drive Submissions
- Number of trips per data drive
- Video recording for complete offload.

## Function Tests

- Pre-trip test completed before leaving dock.

## Data Quality Issues

- Sensor & Video Data Complete (time gaps),
- Catch Handling within camera view
- Camera views unobstructed
- Camera views adequate to identify discards/fate of catch

## Catch-Related Issues

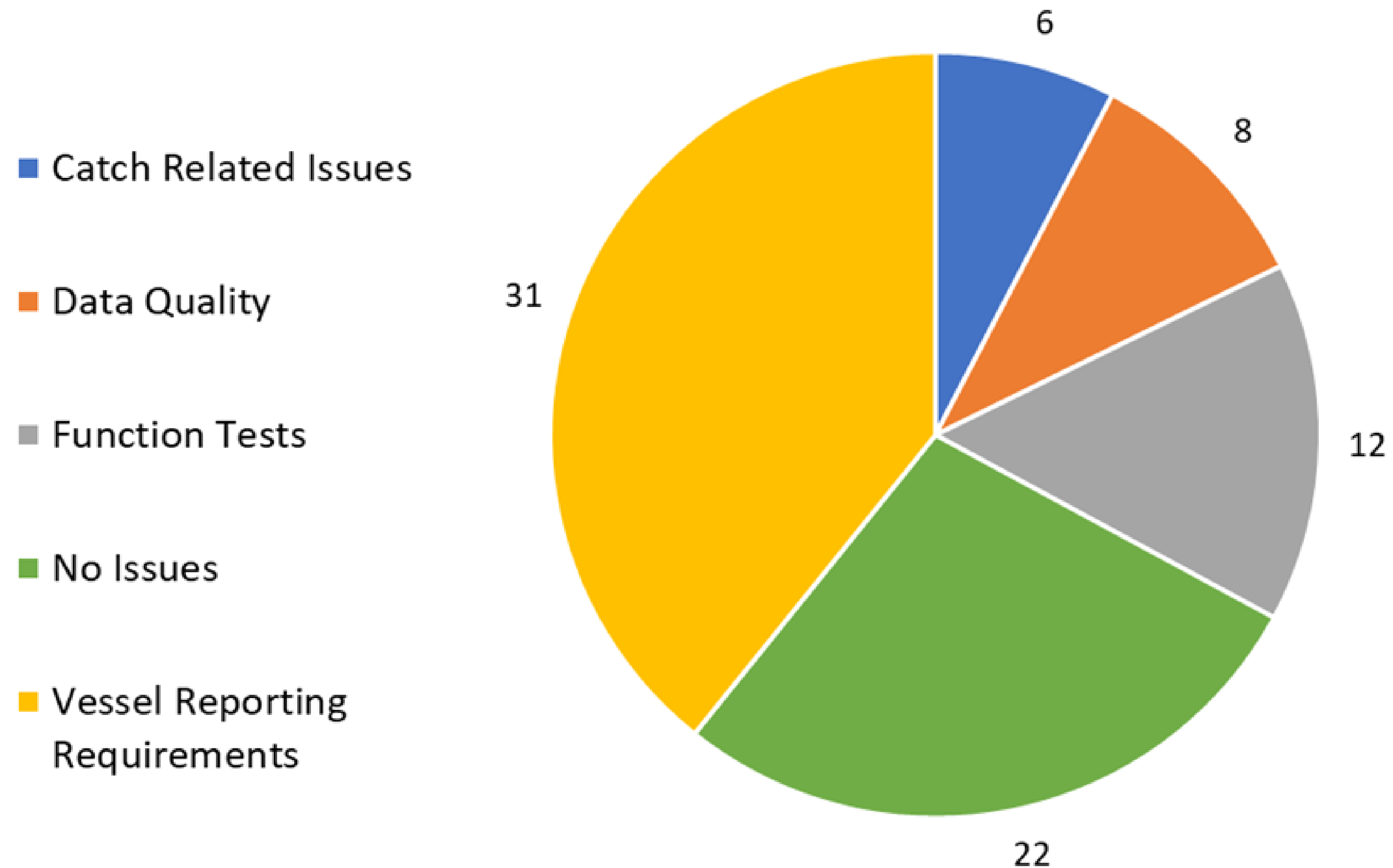
- Discards occurring at designated VMP control point
- All catch except allowable discards retained

Drive Report for Sensor and Video Review			
<small>This document summarizes EM data review for the following drive(s). This report may not be inclusive of all EM issues. This report may contain sensitive or confidential information and is intended only for the vessel owner(s), vessel operator(s), or authorized representative(s). If you are not the intended recipient, you may not access this report or share the information with any other unauthorized person, and must immediately destroy all copies. By downloading this document you acknowledge notification of any potential violations of the terms and conditions of the exempted fishing permit.</small>			
Report ID:	20_123456789	Date of Data Set Begin:	8/17/2020
Vessel Name:		Date of Data Set End:	8/30/2020
Date of Report:	8/15/2020	Date Drive Received:	8/9/2020
Completed By:	CAD	Number of Fishing Trips on Drive:	3
<u>Trip Number:</u>	<u>Return Date:</u>	<u>Fish Ticket Number:</u>	
1	8/21/2020		
2	8/26/2020		
3	8/29/2020		
	Event	Present: (Y/N/P/NA)	Comments:
Reporting Issues	Hard drive submitted in the required time period	Yes	
	Hard drive submitted with a complete data set	Yes	
	Logbooks submitted in the required time period	Yes	
	Logbooks submitted complete	Yes	
	Number of trips on hard drive does not exceed maximum trips allowed under vessel's EFP	Yes	
	Vessel recording continued through offload	Yes	
Functionality Issues	Pre-Trip Function Test Completed	Yes	
	If a critical malfunction occurred, the vessel stopped fishing until it was resolved or downgraded (Note: they are allowed to complete the haul if gear is already deployed)	N/A	
Data Quality Issues	Sensor and Video Data Complete (No Time Gaps)	Yes	
	All catch handled inside of camera view and consistent with VMP. Camera views are unobstructed, lighting adequate, etc. Ability to identify the species of fish caught and/or discarded or the fate of the catch is uncompromised by image quality	Yes	
Catch-related Issues	All discarding occurred at VMP designated control point	Yes	
	All fish retained other than operational discards, animals larger than 6-ft, unavoidable discards	Yes	
Other Notes:			

# Drive Report Summaries

Report Period 2 – Apr 28<sup>th</sup> to Aug 31<sup>st</sup>

### Issues by Category



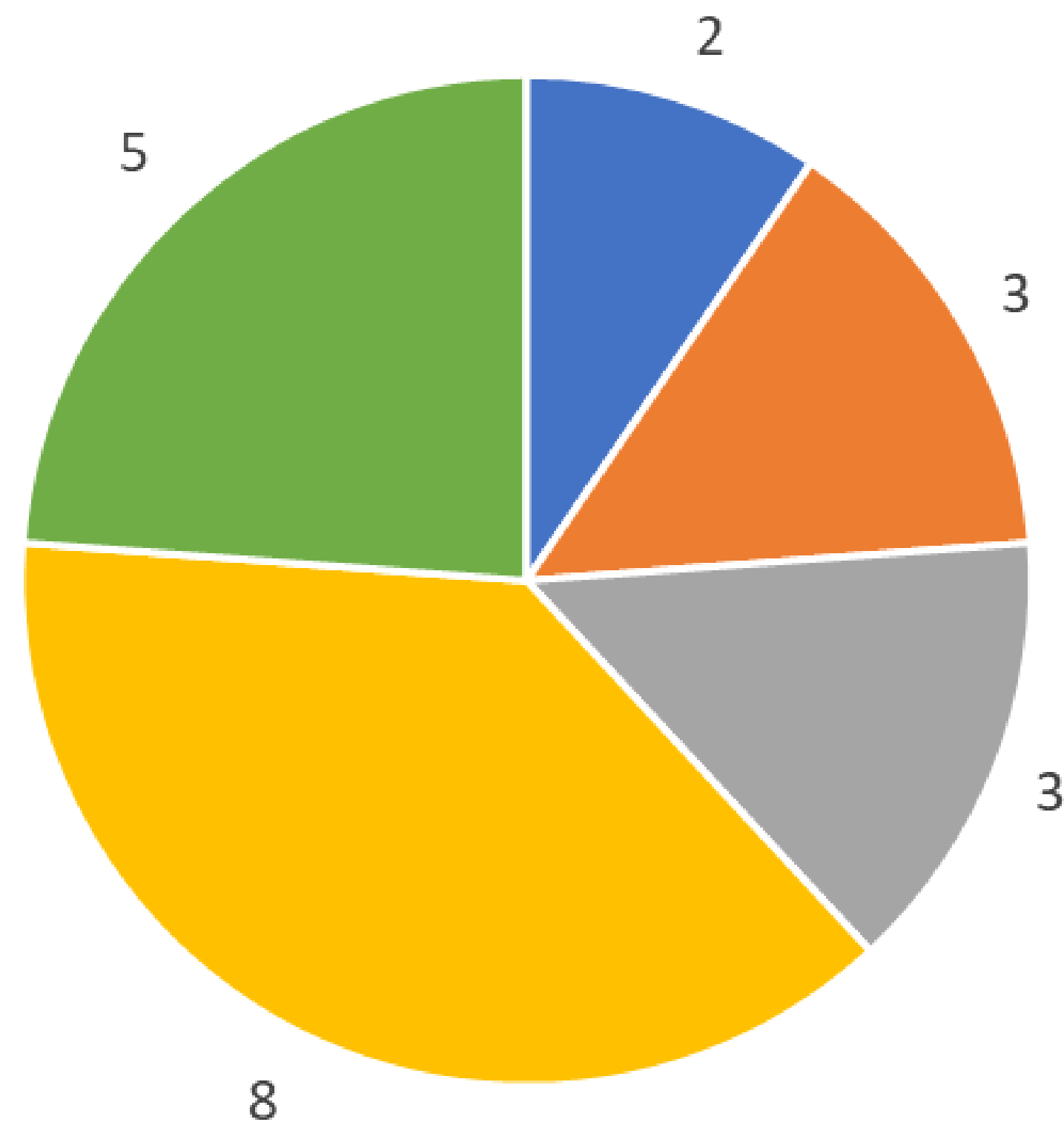


# Drive Report Summaries

Report Period 2 – Apr 28<sup>th</sup> to Aug 31<sup>st</sup>

## Vessel Reporting Requirements (A)

- Delayed Drive submission
- Delayed System Power On
- Delayed Function test(s)
- Delayed Log Submission
- Log Recording Error



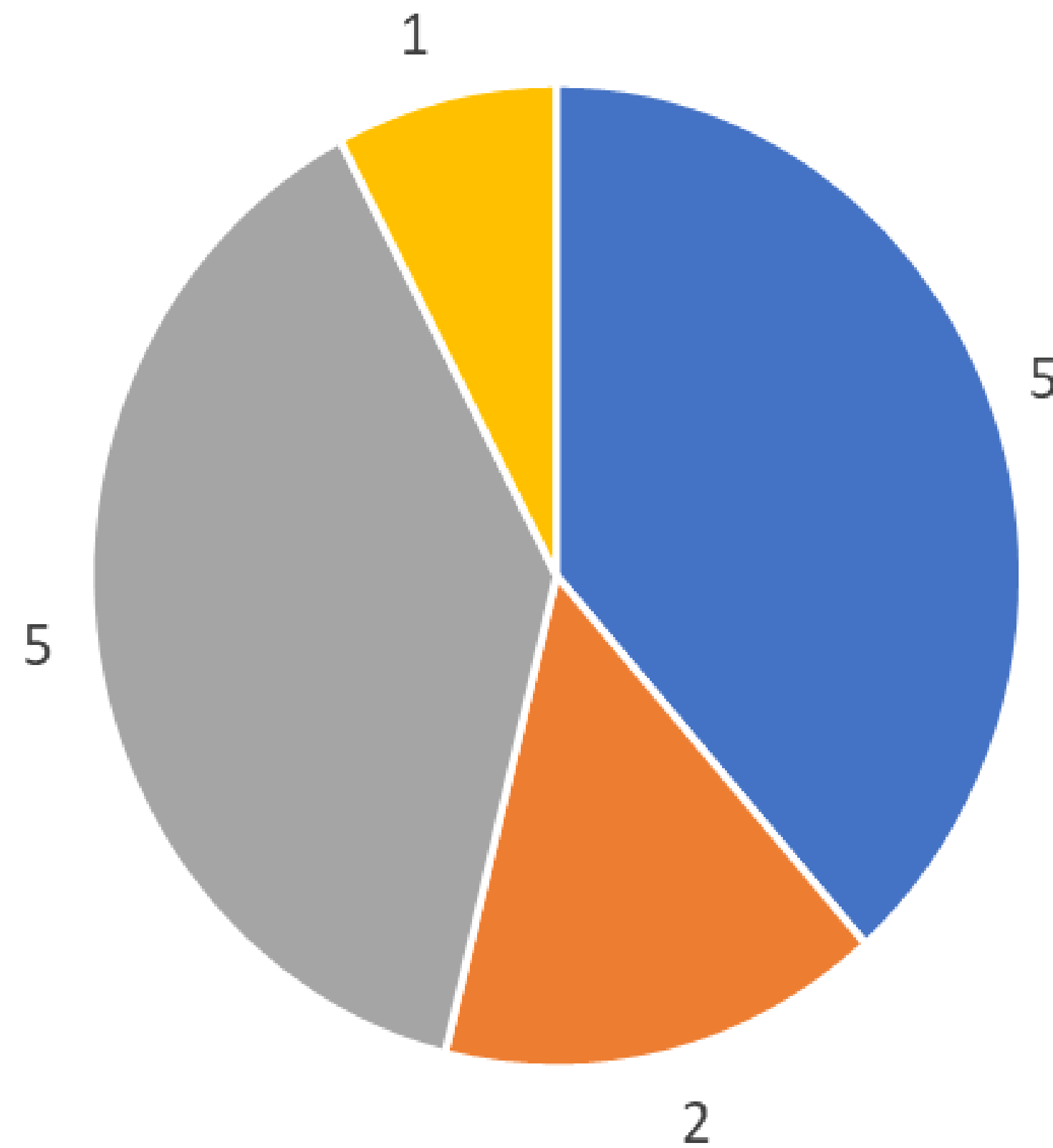


# Drive Report Summaries

Report Period 2 – Apr 28<sup>th</sup> to Aug 31<sup>st</sup>

## Vessel Reporting Requirements (B)

- More Than 3 Trips on Drive
- Video Recording Ended Early
- Offload Not Fully Recorded
- Missing Offload



# Drive Report Issues Summary (YTD)

Issue Categories	Occurrences per Category			% of Reports with Issue			Trend
	Period 1	Period 2	Total	Period 1	Period 2	Total	
Catch Related	7	6	13	7%	13%	9%	Increase
Data Quality	25	8	33	25%	17%	22%	Decrease
Function Tests	24	12	36	24%	25%	24%	Similar
<b>No Issues</b>	39	22	61	38%	46%	41%	Increase
Vessel Reporting Requirements	64	31	95	63%	65%	63%	Similar
<b>Total Occurrences</b>	<b>159</b>	<b>79</b>	<b>238</b>				
<b>Drives Reports Summarized</b>	<b>102</b>	<b>48</b>	<b>150</b>				

# Recap and Looking forward

## Vessel Operators Doing a Good Job!

- Critical issues are being reported and addressed
- Increasing ability for operators to resolve minor issues
- Reporting Requirements and timelines for log/drive submission improving

## Drive Report Feedback and Communication Loops Working Well

- EFP and EM Program Requirement reminders
- Allows for greater collaboration between all parties to both educate and resolve issues.
- Kudos for job well done!

## Looking Forward for Archipelago into 2010

- Continued building of port service capacity
- Improving educational/support tools for vessel crew
- Continued focus on improving technology for data collection and data reporting



# Questions?

September 2020 - CONFIDENTIAL