

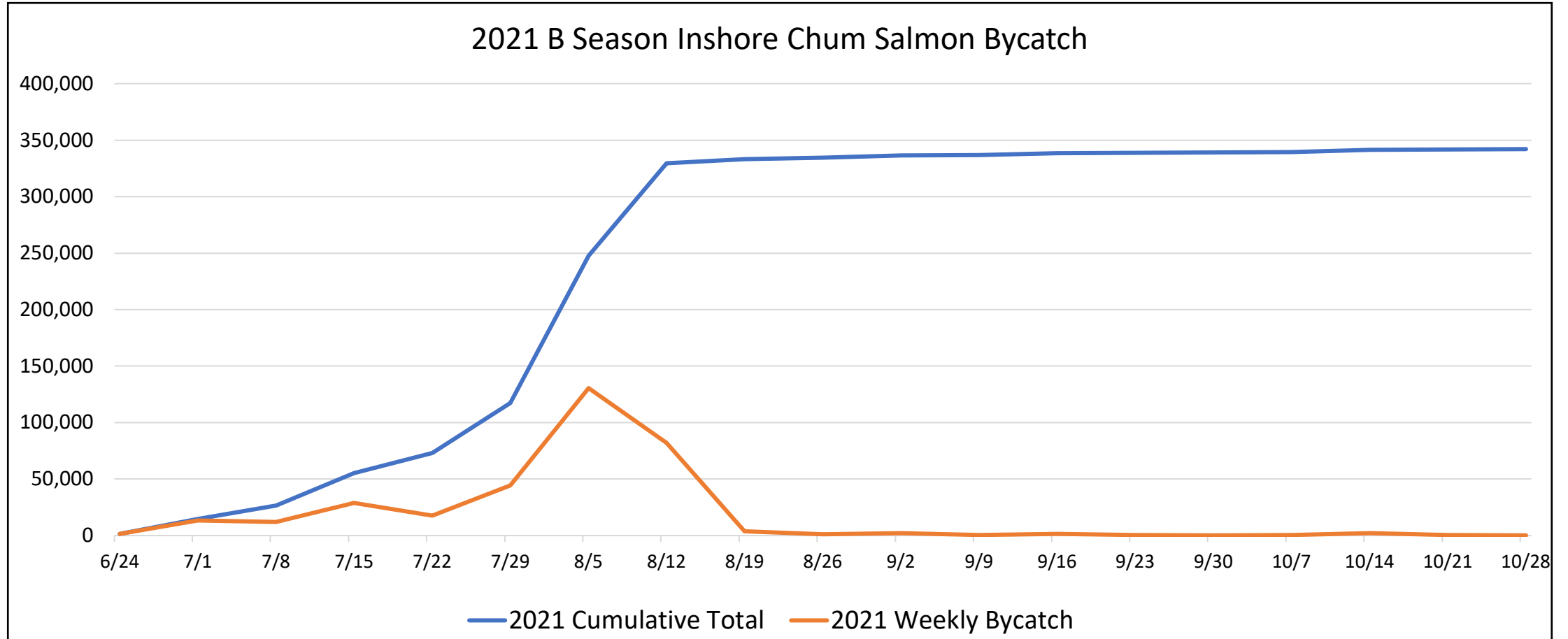
# Additional 2022 B Season Chum Salmon Avoidance Measures by the Inshore and Mothership Pollock Sectors

John Gruver

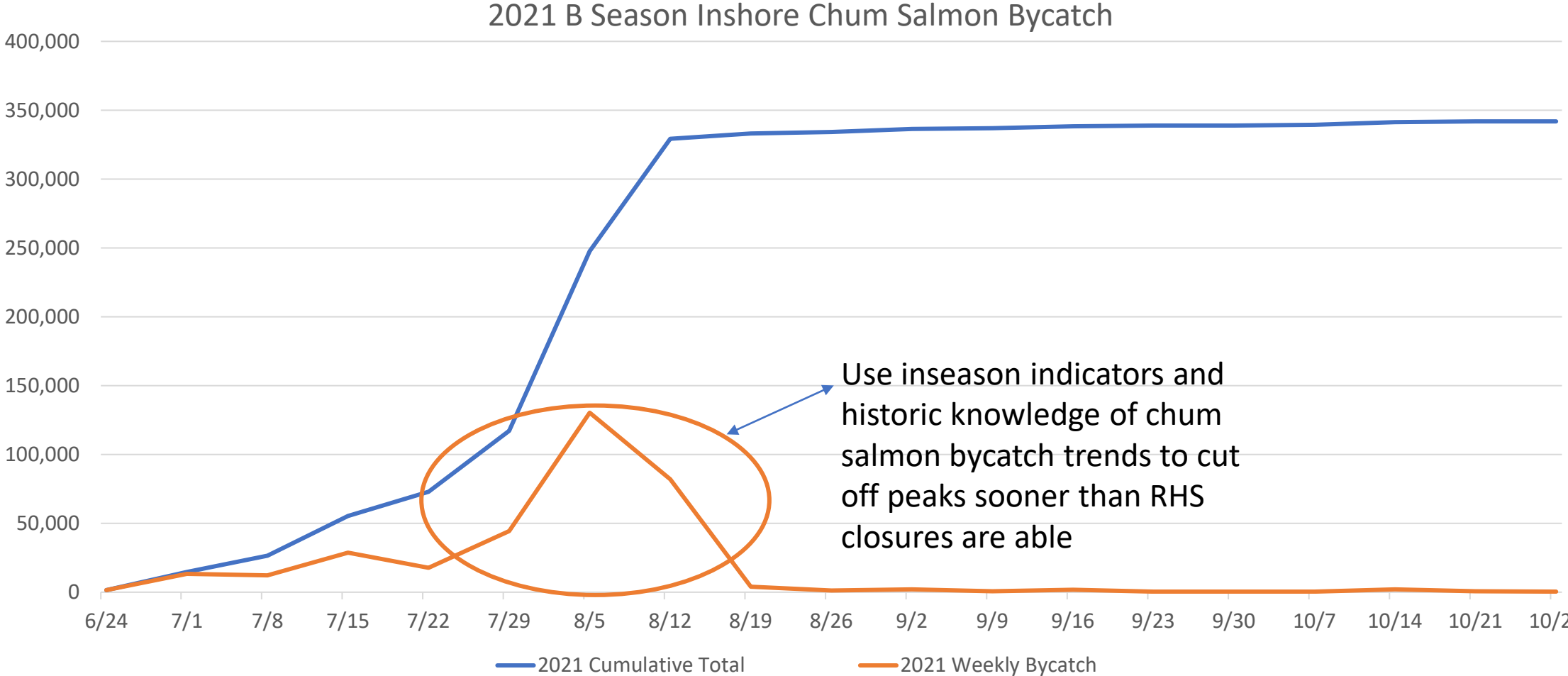
AFA Catcher Vessel

Intercooperative Manager

# 2021 B Season Inshore Sector Chum Bycatch



# Goal of the additional measures is to reduce chum bycatch peaks experienced in 2021.

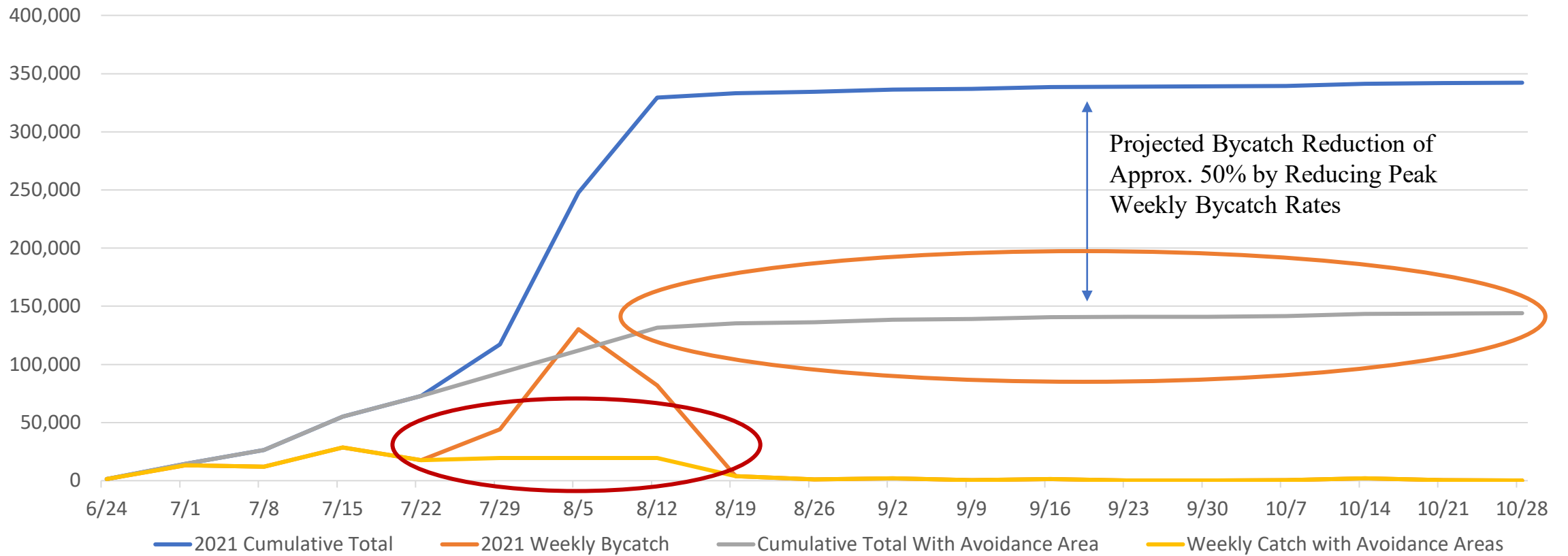


# Additional Chum Bycatch Measures for the 2022 B Season.

- Supplement Inshore and Mothership IPA Rolling Hot Spot closures with Advisory Avoidance Areas
  - Provide the Inshore and Mothership fleets with probable high bycatch areas not yet triggered by the RHS system.
  - Respond to relatively small levels of fishing effort data to initiate an Avoidance Area when historic bycatch knowledge supports doing so.
  - Allow managers to set Avoidance Area perimeters larger than RHS rules normally allow.
  - Managers would consider Chinook bycatch levels when establishing Avoidance Areas.
- Advisory Avoidance Areas were initiated as a stand alone program, not part of the Inshore and Mothership IPAs.

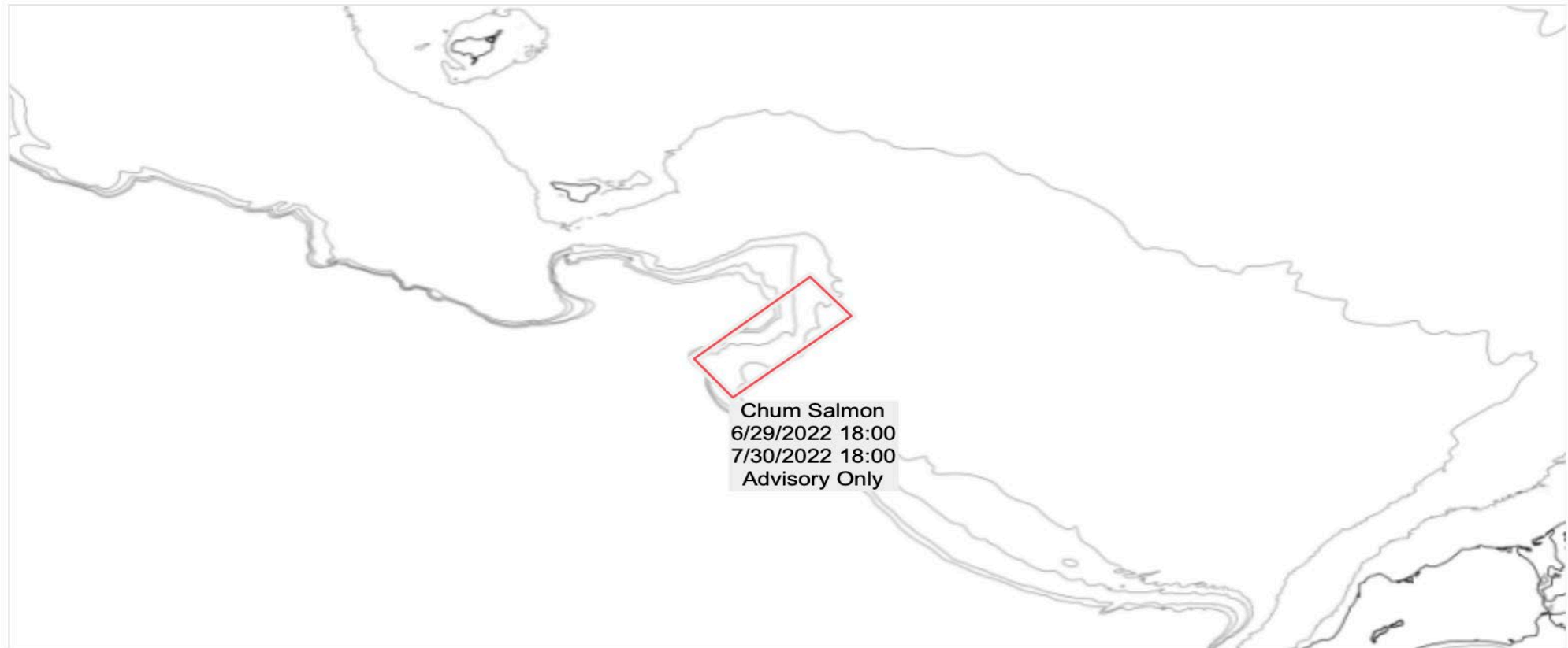
# Projected Chum Bycatch Reduction by Normalizing Weekly Chum Bycatch

2021 Inshore Bycatch Adjusted By Addition Avoidance Areas



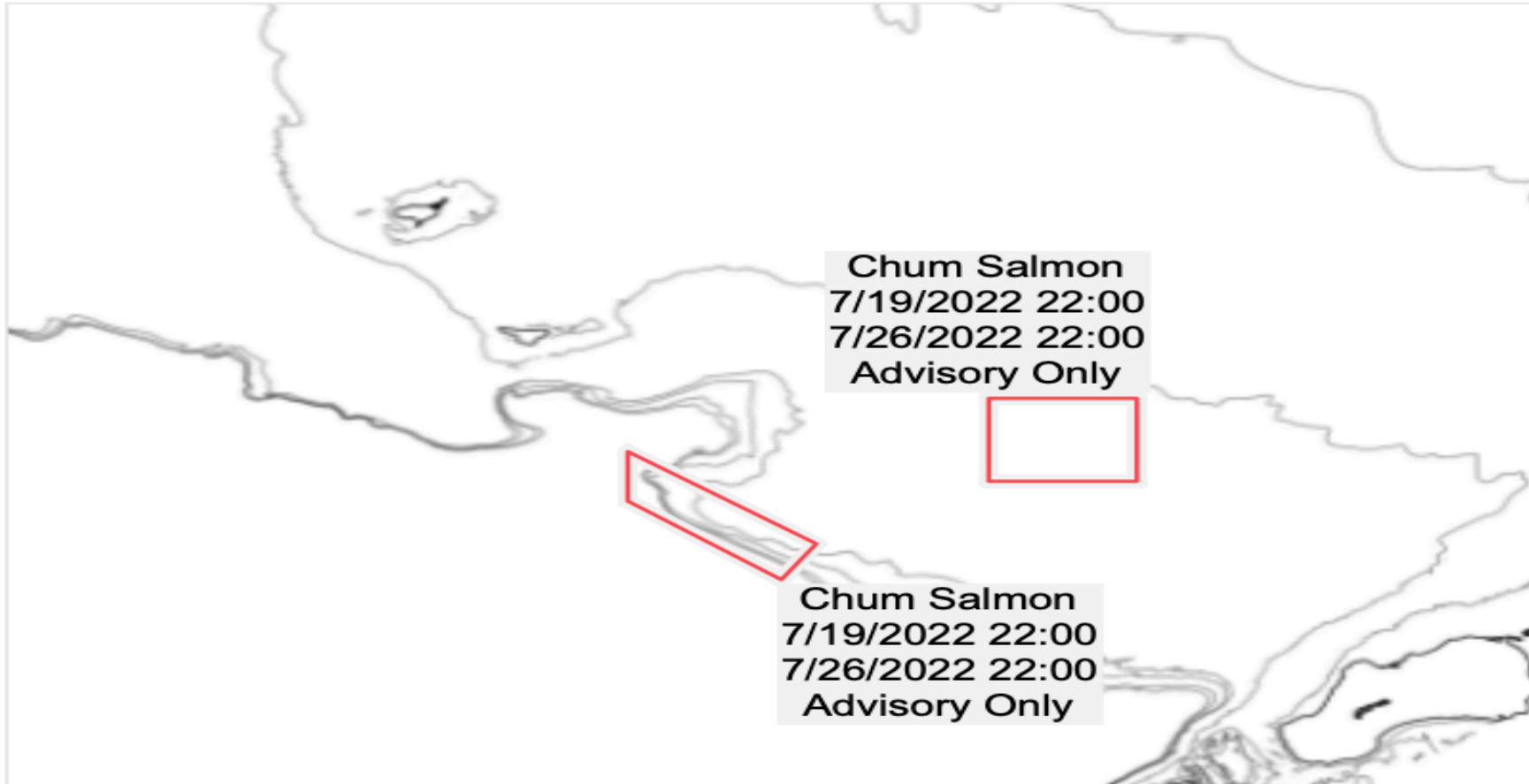
# 2022 Chum Avoidance Areas

**Map of bycatch avoidance areas**



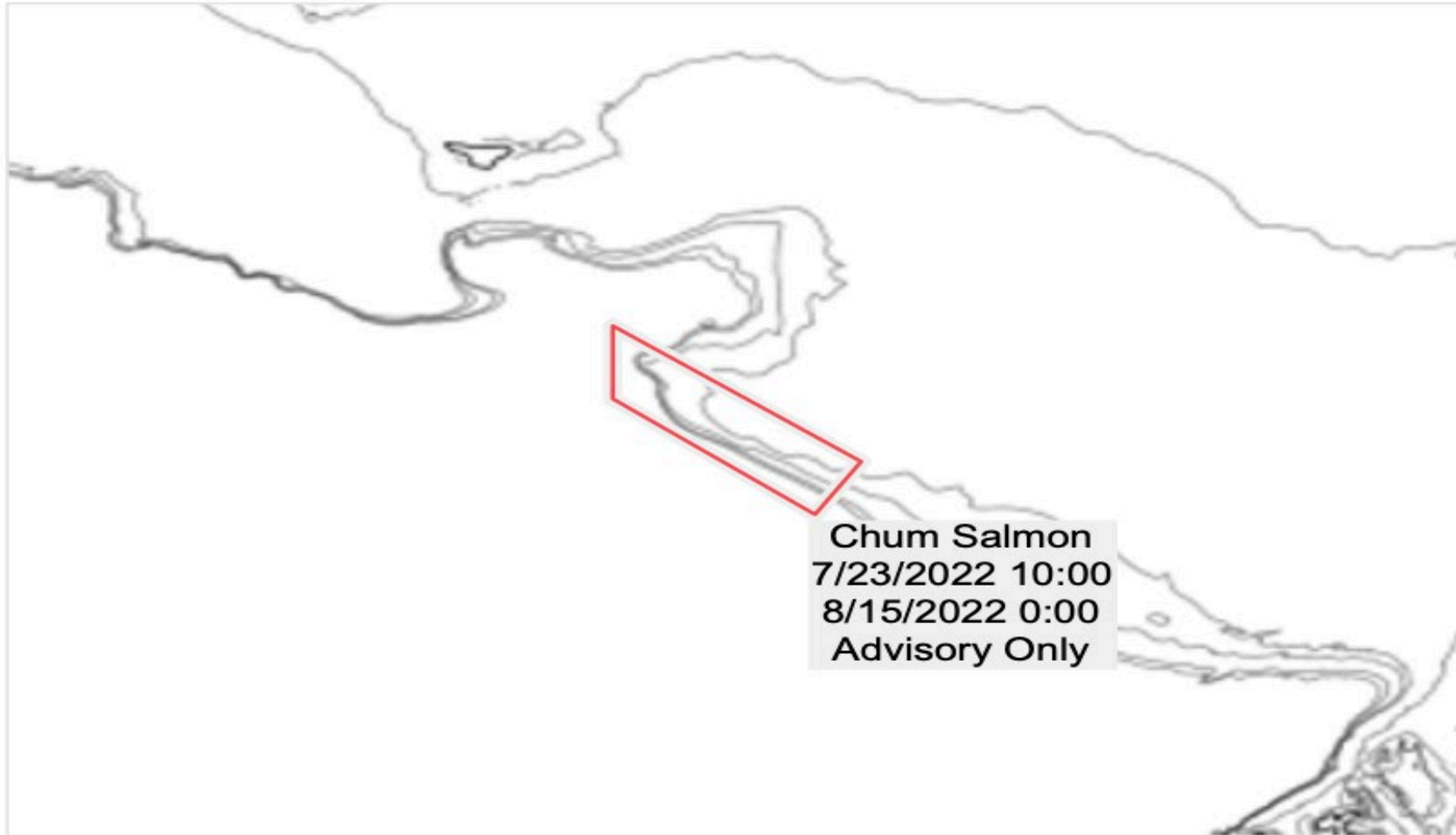
# 2022 Chum Avoidance Areas

## ***Map of bycatch avoidance areas***



# 2022 Chum Avoidance Areas

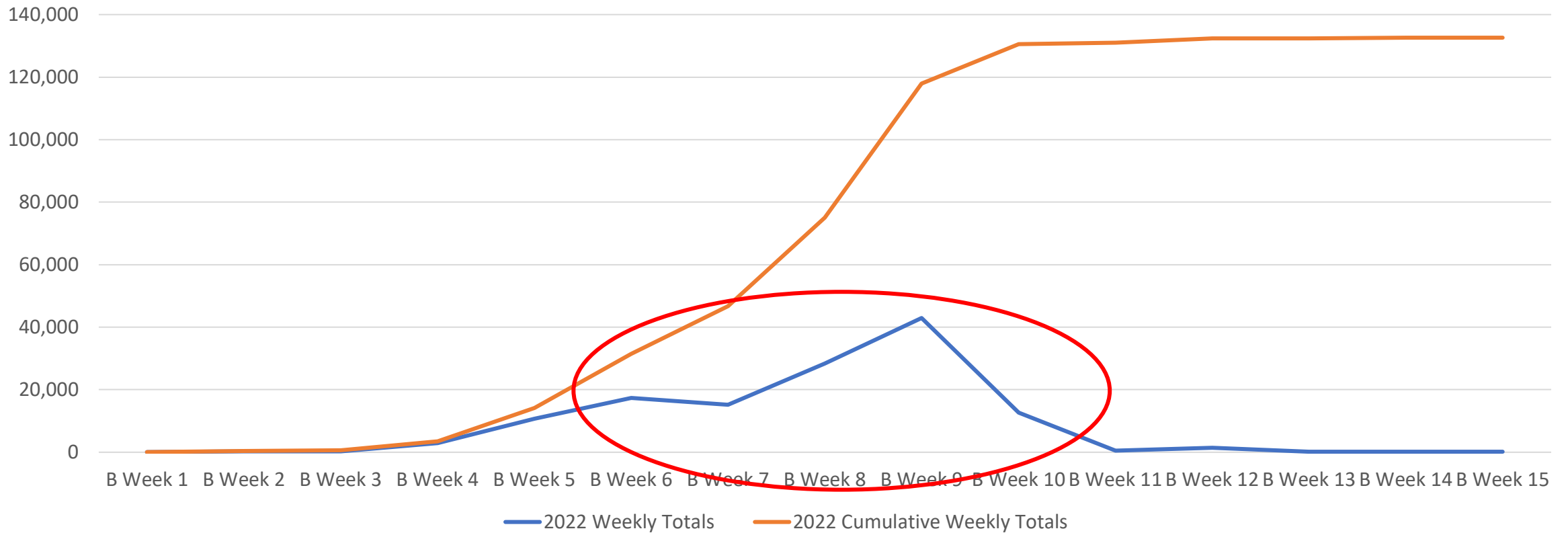
## ***Map of bycatch avoidance areas***





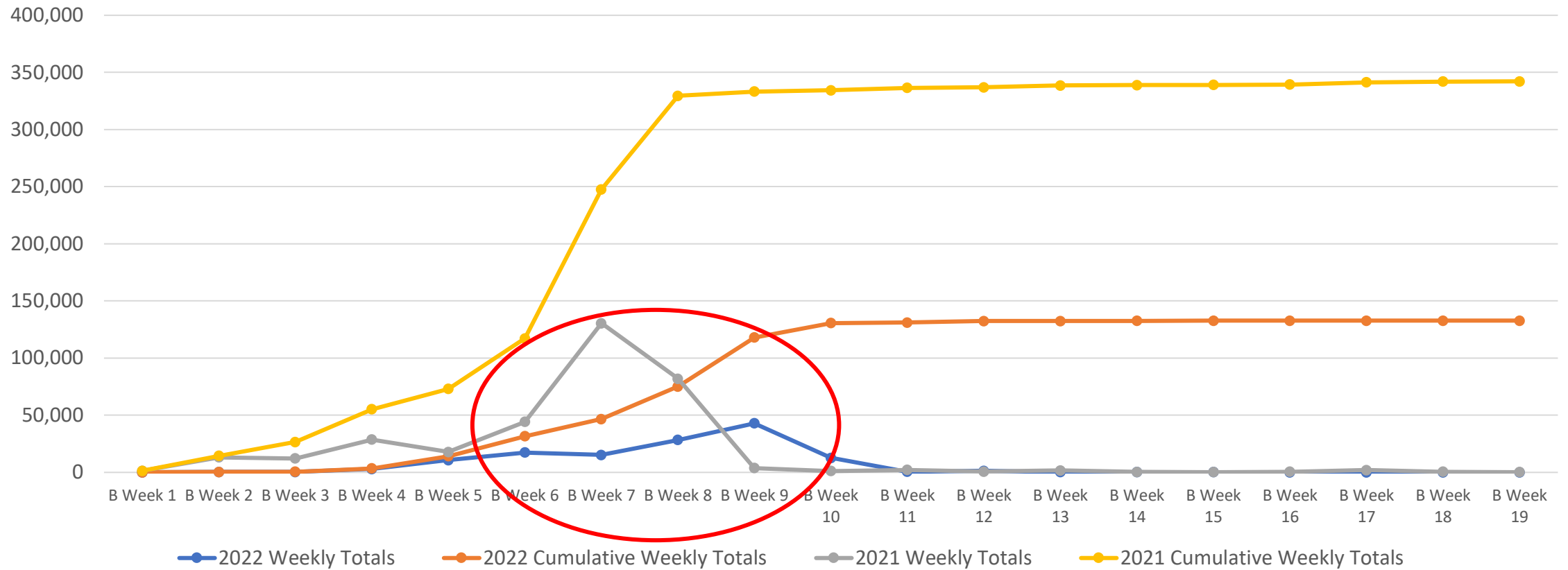
# 2022 B Season Inshore Sector Chum Bycatch with Additional Avoidance Areas

2022 B Season Inshore Sector Chum Bycatch with Additional Avoidance Areas



# Comparison of 2021 Chum Bycatch to 2022 Chum bycatch

2021 & 2022 B Season Inshore Sector Chum Bycatch



# Summary Comparison of 2021 and 2022 Chum Bycatch

2021 and 2022 Chum Bycatch			
	2021	2022	Reduction
Inshore Sector	342,079	132,675	209,404
Mothership Sector	50,456	32,243	18,213
Totals:	394,556	166,940	227,617

2022 Chum Bycatch is 42.3% of the 2021 Bycatch