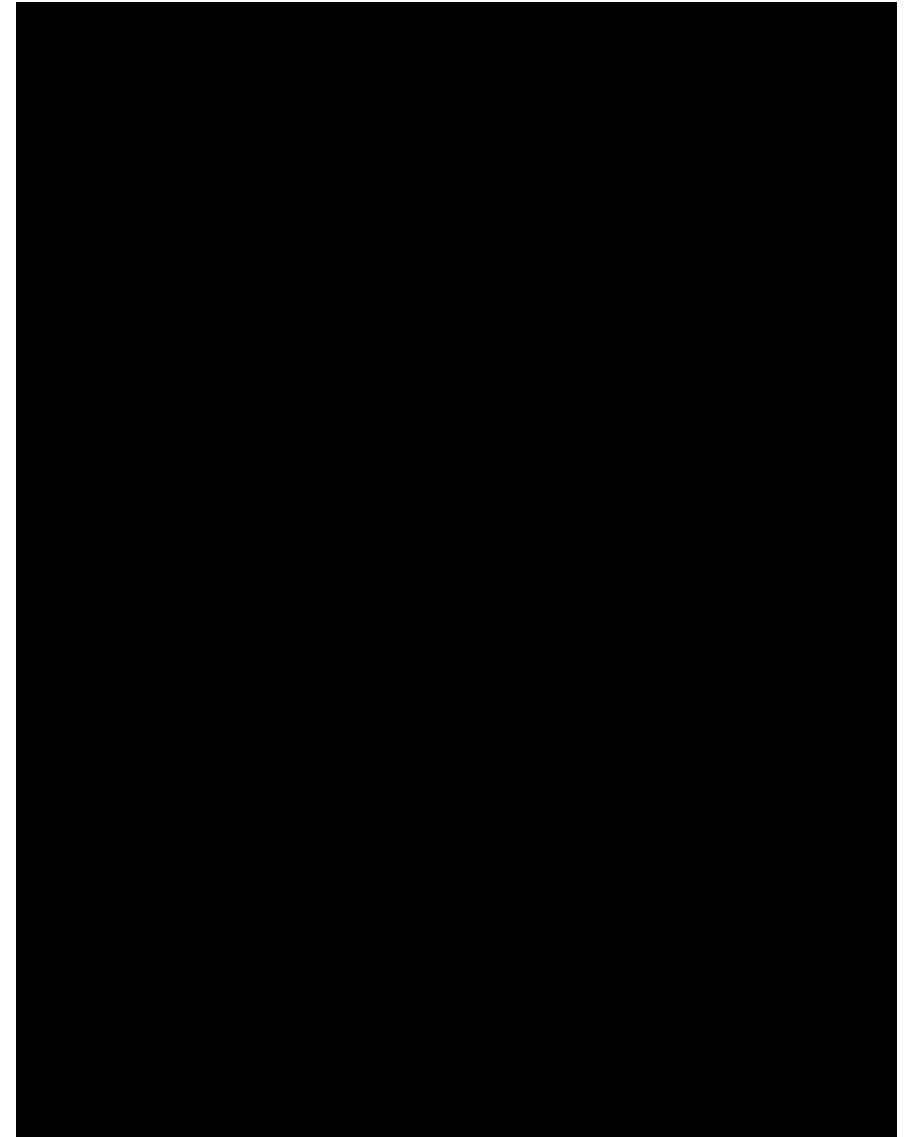


# VIMS Survey Data Treatment Updates

## ET Flex and Blob

- Estimate biomass using a reduced  $q = 0.13$  for stations in the Blob
- All other stations used a  $q = 0.4$
- 16 stations were in the Blob this year

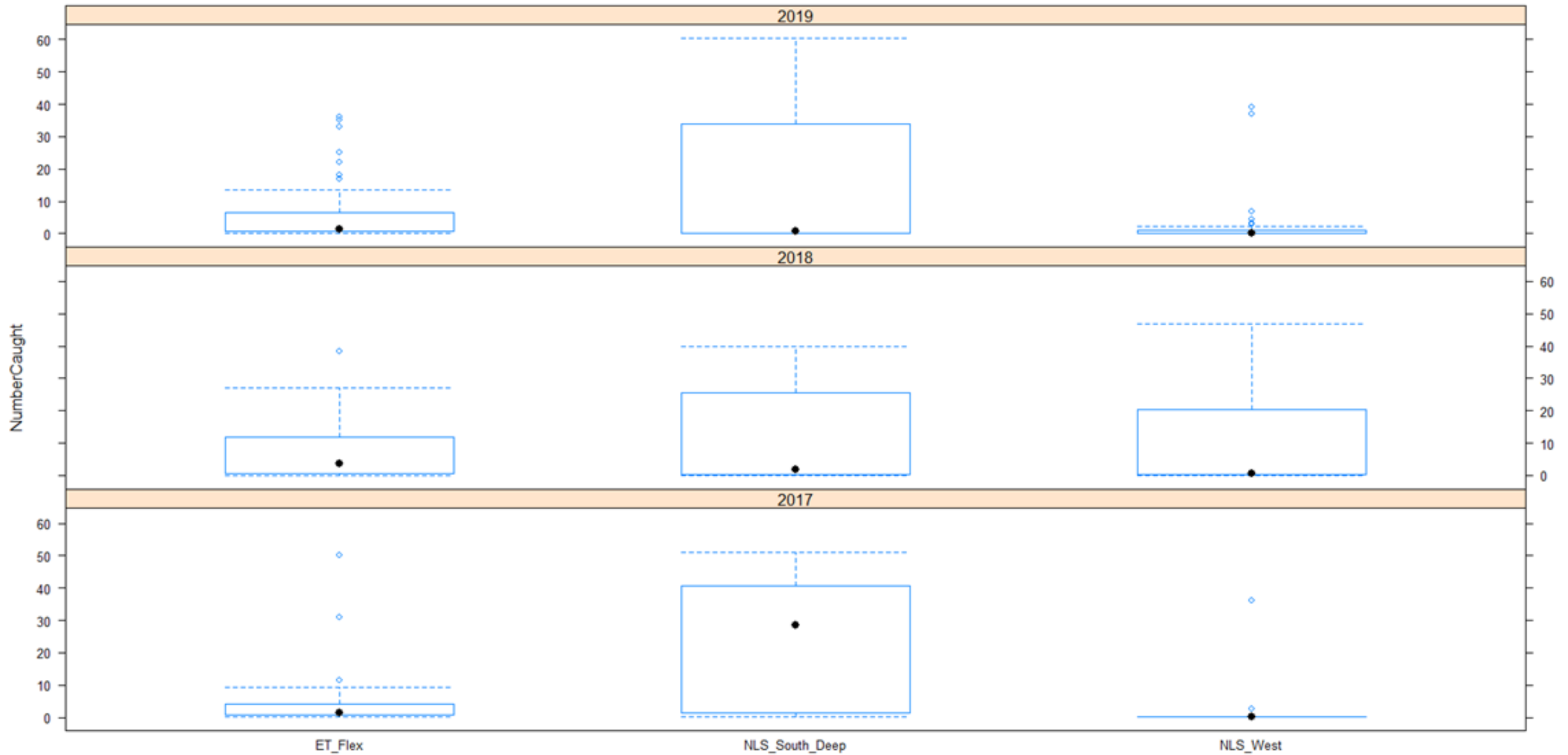
SAMS Area	Gear	Total Biomass (mt)	q
ET_Flex	SURVEY	36,658.69	.13 for 16 stations in the Blob 0.4 for remaining ET Flex stations
ET_Flex	SURVEY	13,528.87	q = 0.4 all stations
	Diff (.13 - .4)	23,129.83	



# Basket Count

- Get the percentage of stations in the ET Flex, NLS West & NLS South Deep with > 50 baskets of scallops for 2017 - 2019

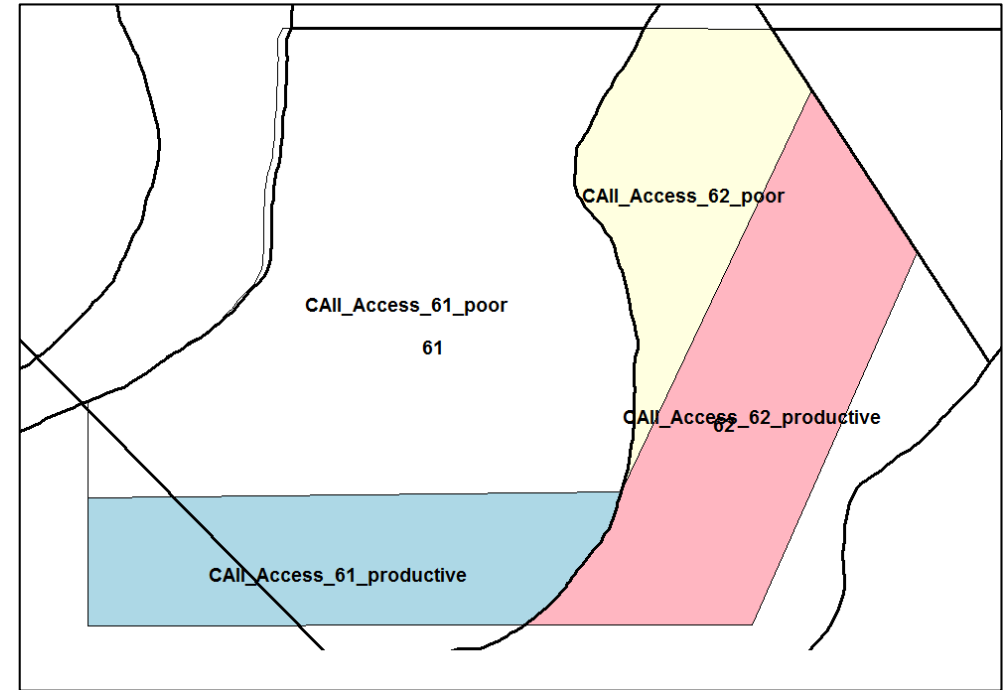
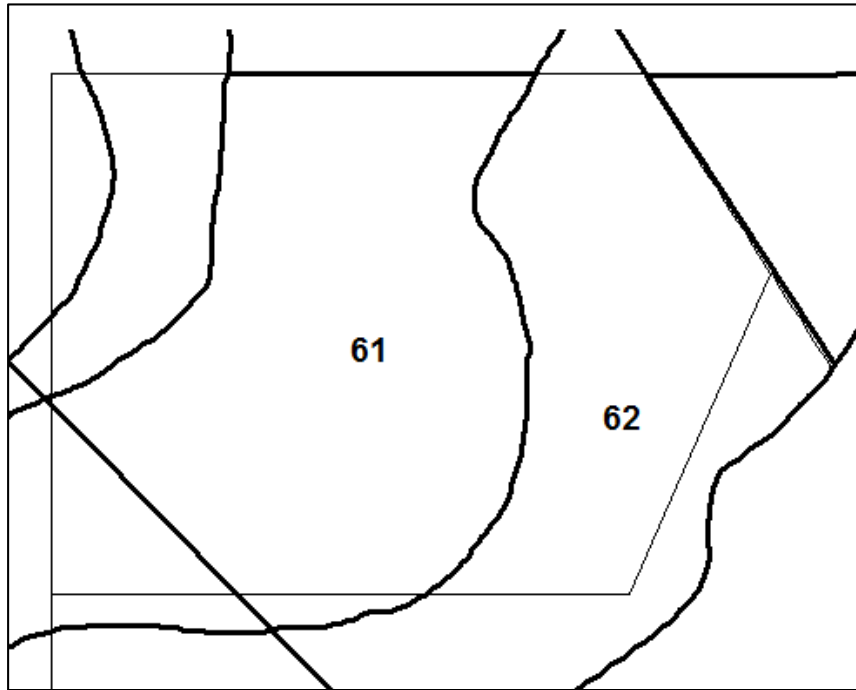
Year	SAMS	Number Stations	Number_greater_50	Percent
2017	ET_Flex	43	0	0
2017	NLS_South_Deep	34	2	5.88
2017	NLS_West	13	0	0
2018	ET_Flex	39	0	0
2018	NLS_South_Deep	32	0	0
2018	NLS_West	27	0	0
2019	ET_Flex	43	0	0
2019	NLS_South_Deep	35	4	11.43
2019	NLS_West	41	0	0



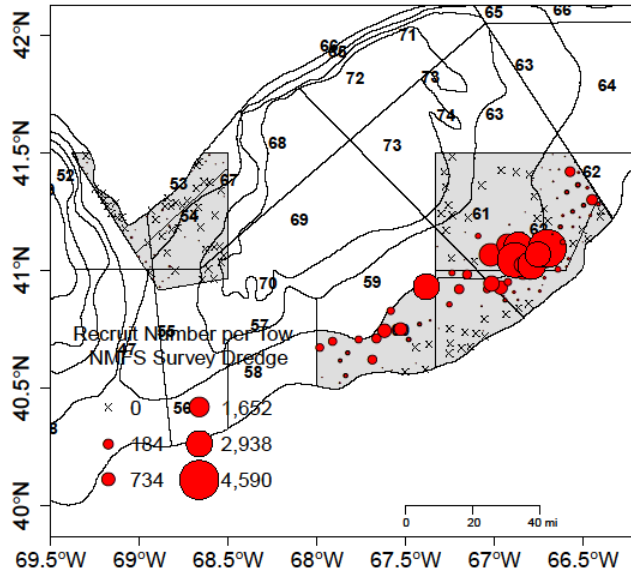


# CA II Access SAMS Area Restratification

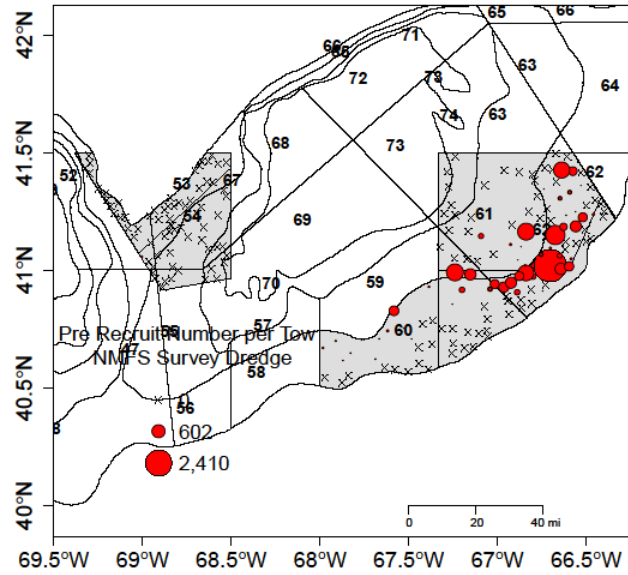
- CAII Access Area SAMS Area divided into 4 new SAMS Areas
- Total biomass recalculated with updated SAMS Area information



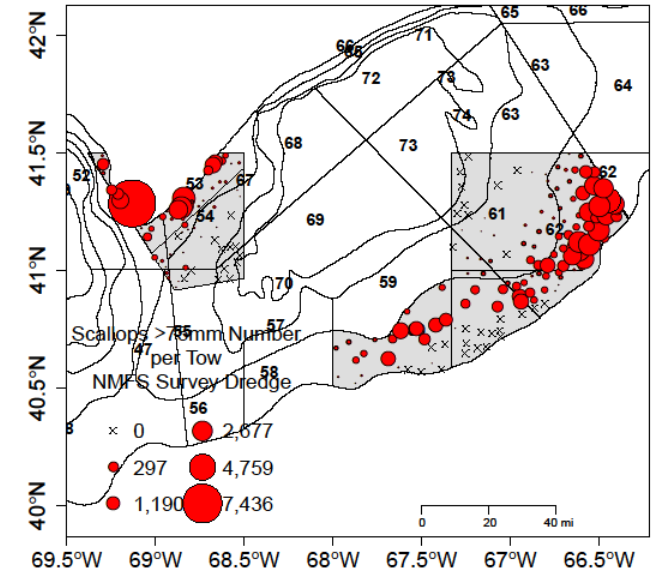
CA I II Survey Recruits (35 – 75mm)



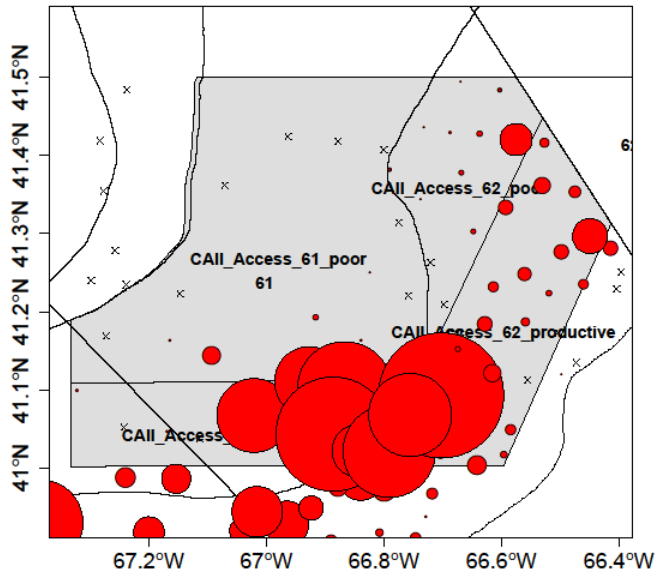
CA I II Survey Pre Recruits (< 35mm)



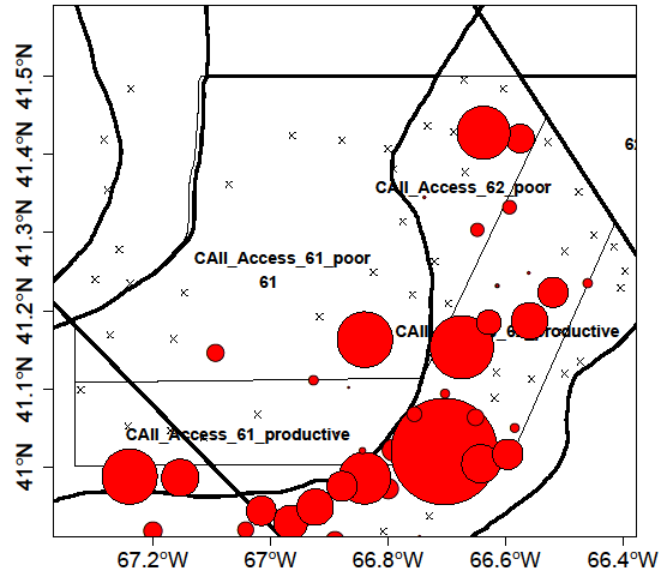
CA I II Survey Recruits (>75mm)



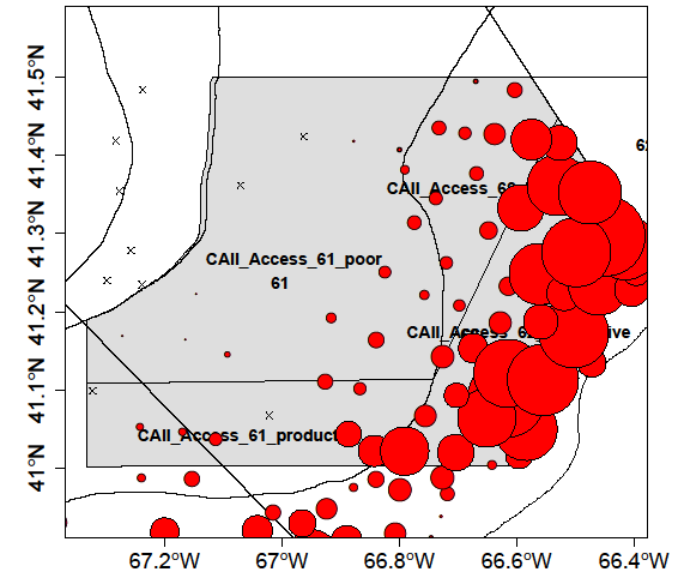
CA I II Survey Recruits (35 – 75mm)



CA I II Survey Pre Recruits (< 35mm)



CA I II Survey Recruits (>75mm)



# CA II Access SAMS Area Restratification

Updated_SAMS	Gear	Total Biomass (mt)	SE	Percentage
CAII_Access_61_poor	SURVEY	1,233.76	158.30	6.75%
CAII_Access_61_productive	SURVEY	2,751.49	222.15	15.05%
CAII_Access_62_poor	SURVEY	1,130.08	113.46	6.18%
CAII_Access_62_productive	SURVEY	13,167.94	673.28	72.02%
	Total	18,283.27		
	Original CAII Access Total Biomass	20,689.43		
	Diff (original - updated)	2,406.16		

SAMS Area	Stratum	Total Biomass (mt)	Percentage
CAII_Access	59	78.34	0.4%
CAII_Access	61	5,266.49	25.5%
CAII_Access	62	15,343.28	74.2%