



Amendment 41

Species Model Outputs



Quick Comparisons

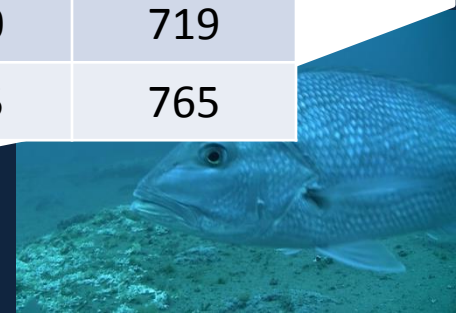
- ❖ Chose 4 alternatives in Action 4 (affects quota):
 - 2: 2011-2015
 - 3+AB: 2004-2015, excl. 2010 & 2014
 - 4+AB: 50/50 2011-2015 & 2004-2015, excl. 2010 & 2014
 - 5: 50/50 1986-2013 & 2006-2013, excl. 2010
- ❖ Action 6 alternatives (affects initial distribution):
 - Passenger capacity tiers: 2A (2 tiers) and 2B (3 tiers)
 - Regions: 3A and 3B; MS with AL, non-Gulf with Keys
 - Combination: 4A-D - using individual PC, 3A or 3B, and MS with AL, Non-Gulf with Keys



Tiered Alternatives (Act. 6: 2A & 2B)

- ❖ The Tiered Passenger Capacities will result in the similar *shares* regardless of species
 - 0.0700%, 0.1400% (Two-Tiers)
 - 0.0661%, 0.1323%, 0.1984% (Three-Tiers)
- ❖ Pounds shown in table

Action 4 Alternatives	RS		GT		GAJ	
	Least	Greatest	Least	Greatest	Least	Greatest
2A	970	2909	30	89	246	737
3BC	1075	3224	43	130	236	708
4BC	1006	3018	36	107	240	719
5	983	2950	67	200	255	765



Region Alternative (Act. 6: 3A and 3B)

- ❖ Greatest and least shares and pounds from across both time series
 - Trends differ by species
 - Area and time series in parenthesis

Action 4 Alternatives	RS		GT		GAJ	
	Least	Greatest	Least	Greatest	Least	Greatest
Shares	0.0004% (K,S)	0.2130% (AM,L)	0.0006% (T, S&L)	0.2772% (Pa, S)	0.0027% (T, L)	0.2062% (Pa, L)
2A	7	3,112	0	125	10	766
3BC	7	4,225	0	182	10	736
4BC	7	3,240	0	150	10	748
5	7	3,166	1	280	10	795

K: FL Keys; AM: AL & MS; T: TX; Pa: FL panhandle

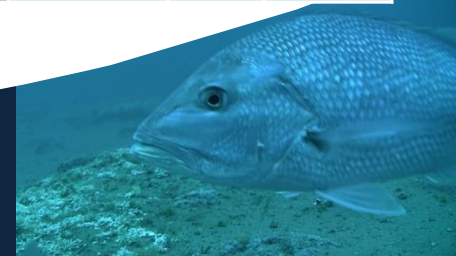
S: Short time series (2003-2013); L: Long time series (1986-2013/2003-2013)



Action 6: Regional Comparisons

- ❖ Comparison of Action 4's Alt. 5 and Alt 2. for Action 6's Alt. 3A and 3B.

Region	Act 4, Alt 5 & 2003-2013			Act 4, Alt 5 & 1986-2013/2003-2013			Act 4, Alt 2 & 2003-2013			Act 4, Alt 2 & 1986-2013/2003-2013		
	RS	GT	GAJ	RS	GT	GAJ	RS	GT	GAJ	RS	GT	GAJ
AL/MS	2,945	113	251	3,166	127	293	2,904	50	242	3,122	56	282
FL Keys, Non-Gulf	7	17	327	15	18	368	7	7	315	15	8	355
FL Panhandle	3,022	280	761	2,798	264	795	2,980	125	733	2,759	118	766
FL Peninsula	27	16	97	27	20	97	27	7	94	27	9	93
LA	1,654	22	623	1,851	23	466	1,631	10	600	1,825	10	449
TX	171	1	16	162	1	10	169	0	16	160	0	10



Action 6: Regional Comparisons

- ❖ Comparison within a time series, Action 4 Alternatives
 - Action 4, Alt 5 results in equal or greater pounds

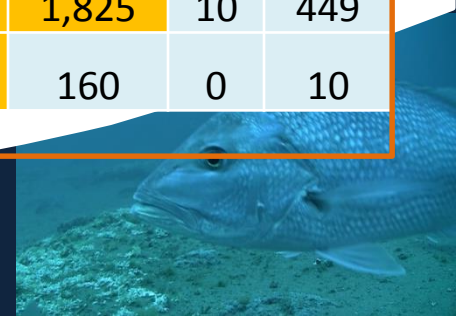
Region	Act 4, Alt 5 & 2003-2013			Act 4, Alt 5 & 1986-2013/2003-2013			Act 4, Alt 2 & 2003-2013			Act 4, Alt 2 & 1986-2013/2003-2013		
	RS	GT	GAJ	RS	GT	GAJ	RS	GT	GAJ	RS	GT	GAJ
AL/MS	2,945	113	251	3,166	127	293	2,904	50	242	3,122	56	282
FL Keys, Non-Gulf	7	17	327	15	18	368	7	7	315	15	8	355
FL Panhandle	3,022	280	761	2,798	264	795	2,980	125	733	2,759	118	766
FL Peninsula	27	16	97	27	20	97	27	7	94	27	9	93
LA	1,654	22	623	1,851	23	466	1,631	10	600	1,825	10	449
TX	171	1	16	162	1	10	169	0	16	160	0	10



Action 6: Region Comparisons

- ❖ Comparison of time series within a given Action 4 Alt.
- ❖ No one time series, always results in greater allocation for the three species.

Region	Act 4, Alt 5 & 2003-2013			Act 4, Alt 5 & 1986-2013/2003-2013			Act 4, Alt 2 & 2003-2013			Act 4, Alt 2 & 1986-2013/2003-2013		
	RS	GT	GAJ	RS	GT	GAJ	RS	GT	GAJ	RS	GT	GAJ
AL/MS	2,945	113	251	3,166	127	293	2,904	50	242	3,122	56	282
FL Keys, Non-Gulf	7	17	327	15	18	368	7	7	315	15	8	355
FL Panhandle	3,022	280	761	2,798	264	795	2,980	125	733	2,759	118	766
FL Peninsula	27	16	97	27	20	97	27	7	94	27	9	93
LA	1,654	22	623	1,851	23	466	1,631	10	600	1,825	10	449
TX	171	1	16	162	1	10	169	0	16	160	0	10



Action 6: Combination Alt. 4

- ❖ Allocation and shares determined by using a combination of equal distribution, baseline permit passenger capacity, and region.
 - 4a: 33%/33%/33%
 - 4b: 50%/25%/25%
 - 4c: 25%/50%/25%
 - 4d: 25%/25%/50%



Action 6 Alt. 4A: 33% Equal, 33% PC, 33% Region

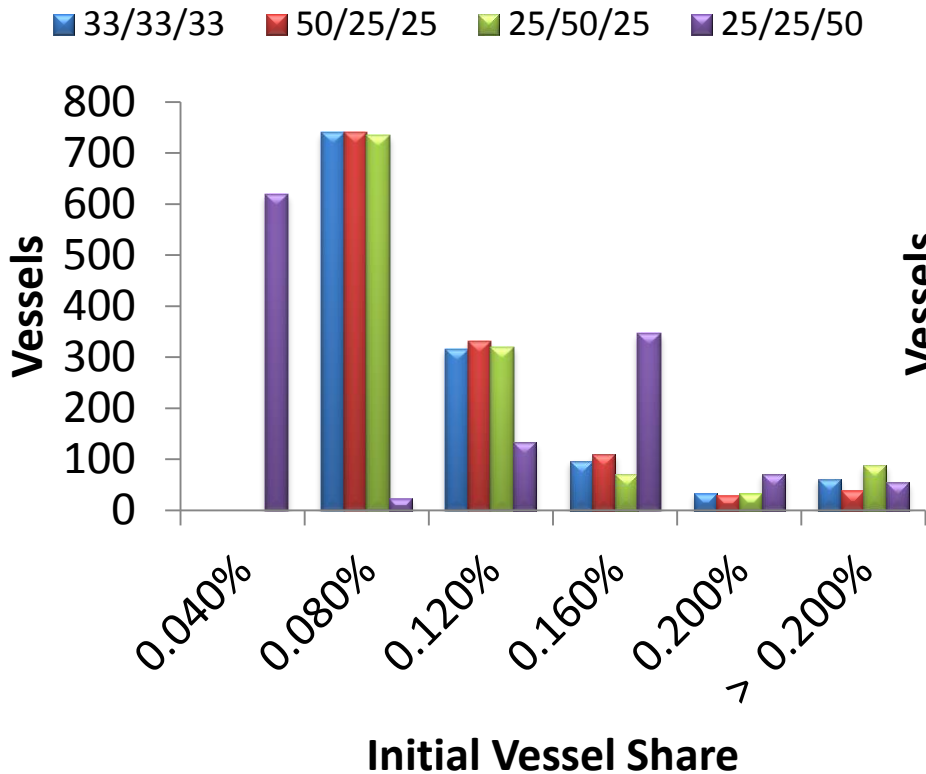
Action 4 Alt. 2A; Region years 2003-2013

Region	RS			GT			GAJ		
	6	25	149	6	25	149	6	25	149
AL + MS	1,585	2,315	7,079	36	58	204	236	421	1,628
FLW - Keys+ Non-Gulf	621	1,351	6,114	21	44	190	260	445	1,652
FLW - Panhandle	1,611	2,341	7,105	60	82	229	398	583	1,790
FLW - Peninsula	627	1,357	6,121	21	44	190	187	372	1,579
LA	1,161	1,891	6,655	22	45	191	355	540	1,746
TX	702	1,432	6,195	102	124	271	240	425	1,631

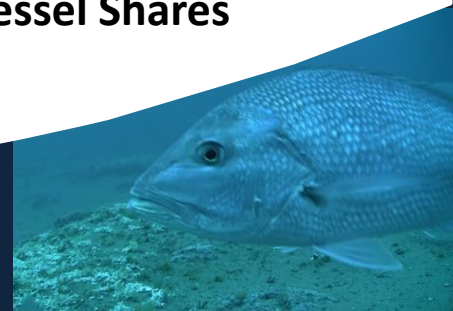
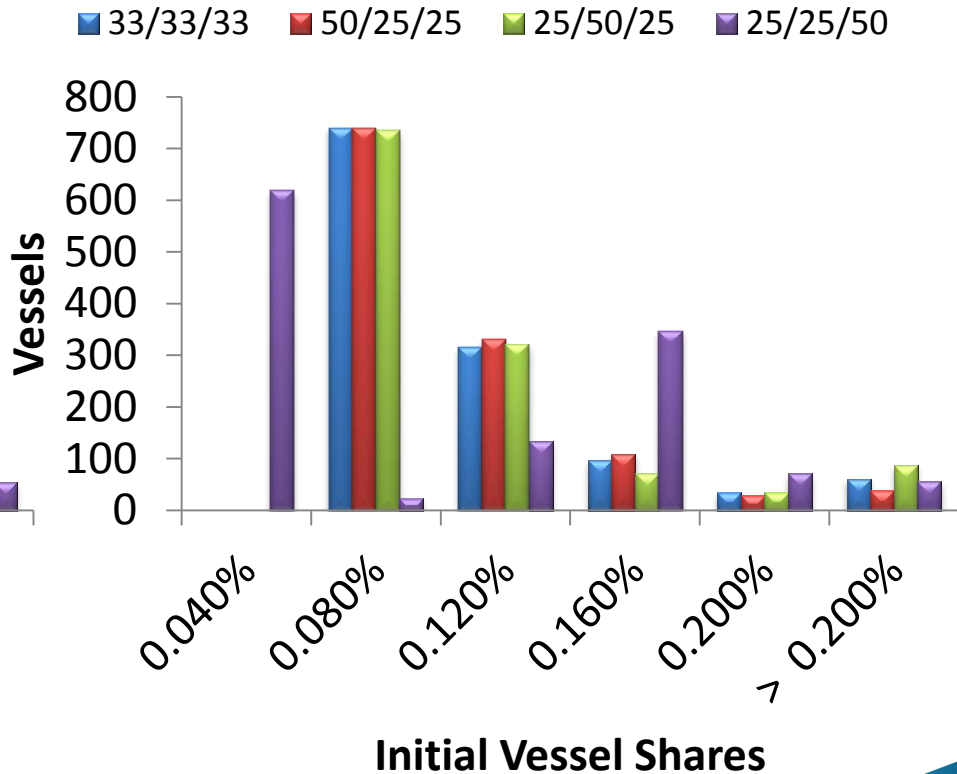


Red Snapper (Region Years 03-13)

Action 4 - 2 (2011-2015)

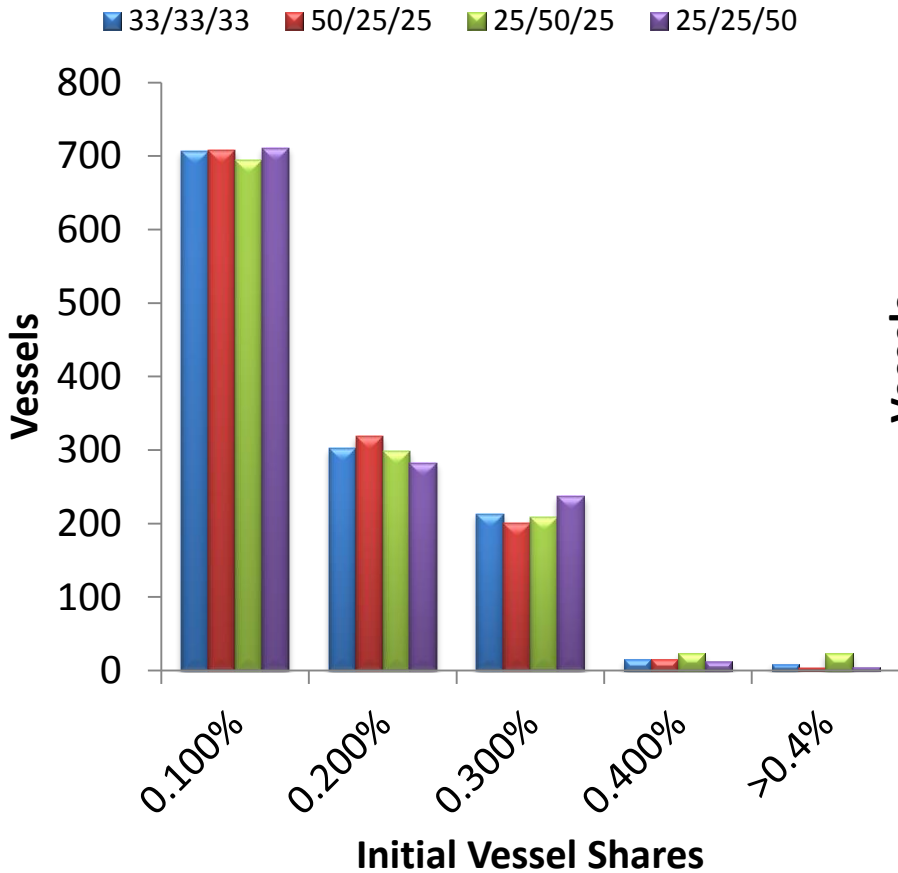


Action 4 - 3AB (04-13, x'10, x'14)

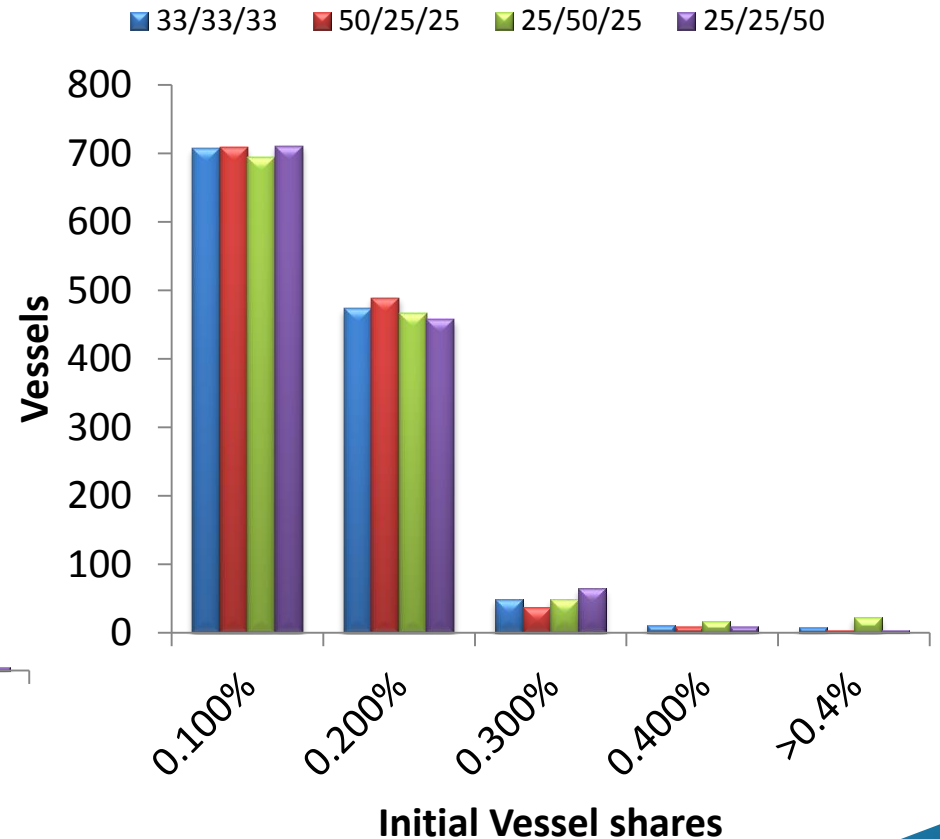


Gray Triggerfish (Region Years 03-13)

Action 4 - 2 ('03-'13)

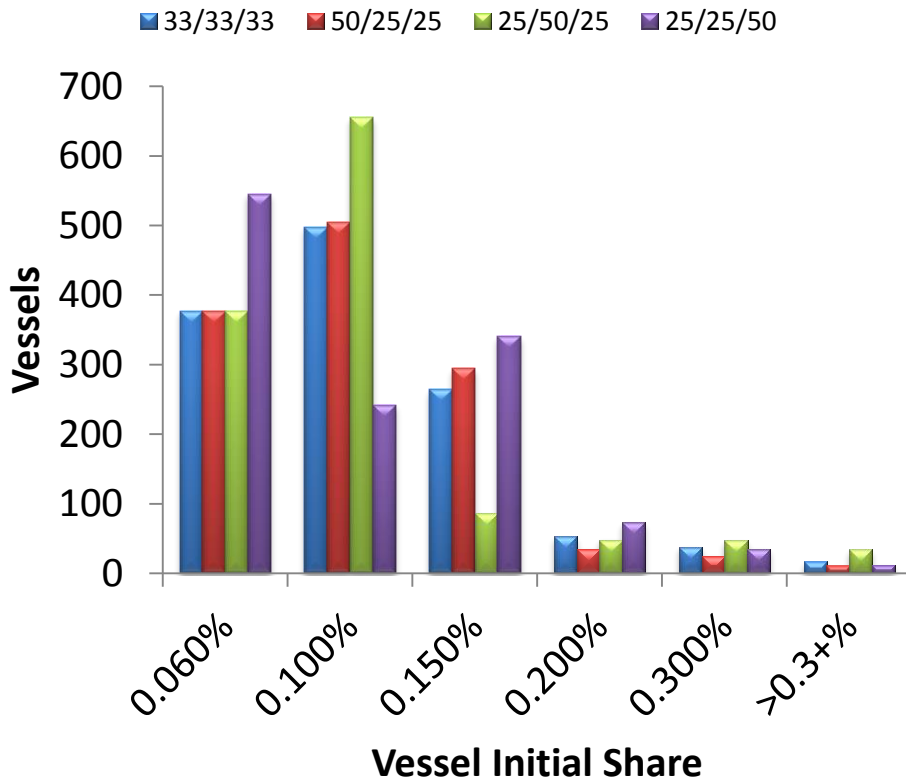


Action 4 - 5 ('86-'13/'06-'13)



Greater AJ (Region Years 03-13)

Action 4: 3C (2004-2013)



Action 4: 5 ('86-'13/'06-'13)

