Review of the RIR/IRFA/EA for Establishing a Recreation Quota Entity in the Charter Halibut Sector

Presentation to North Pacific Fishery Management Council

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Northern Economics

Initial Review Draft Goals:

- Make it clear how the RQE program would provide different benefits than the GAF program.
- Determine how effective an RQE could be in the early years of operation, at different levels of QS ownership, and with different restrictions as defined by the Council's motion.
- Begin discussing how an RQE would affect the existing QS market.
- In short- Can this work and how beneficial/disruptive can it be?

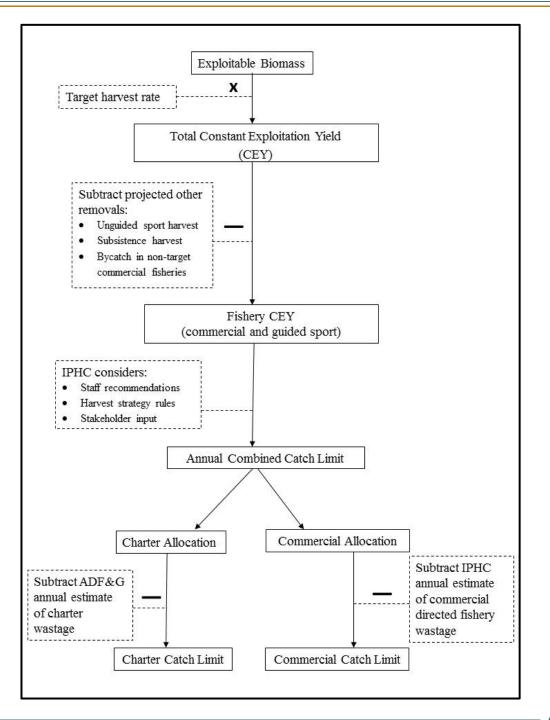


Your Alternatives

- 1. No Action
- 2. Establish an RQE(s)
 - With the potential for restrictions on annual QS purchases, total QS ownership, and block/class ownership restrictions.
- 3. Allow an RQE to purchase CHPs.

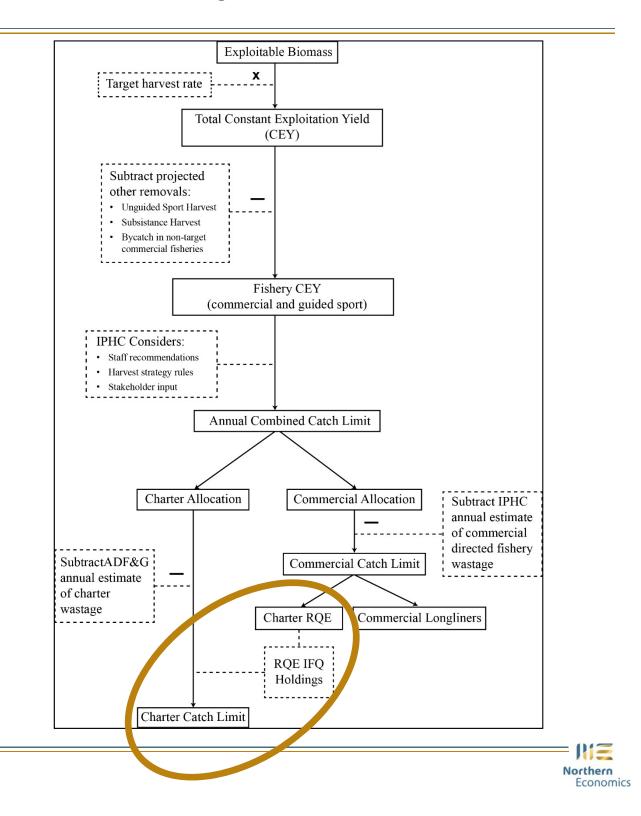
We spend the most amount of time in this presentation on Alternative 2.

Current Catch Limit System



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Catch Limit System with an RQE



Alternative 2: Establishing the RQE

Element 1- Number of Entities

- 1. One entity or two entities
- Element 2- Restrictions on Transfers
 - 1. No restrictions
 - 2. Annual transfer limits (1-5 Percent)
 - 3. Total cumulative limits (5-20 percent)
 - 4. Block and/or Class Limits (D-Class, 1,500/2000 lb. Blocks)
- Element 3- Annual Reallocations during High Abundance
- Element 4- Limits on RQE Fund Limits
- Element 5- RQE Organizational Structure

Alt 2, Element 2, Option 2

Annual transfer limits would restrict the RQE's purchase in a given year. Unsurprisingly, the poundage associated with a given percentage of QS varies from year to year based on stock conditions.

| | | QS/IFQ | Pounds of Annual Transfer Allowance (by Percent | | | | | | |
|------------|-------------|--------|---|----------|-------|-------|-------|--|--|
| Ratio Year | QS Units | Ratio | 1 | 2 | 3 | 4 | 5 | | |
| | | | Area 20 | ; | | | | | |
| 2011 | 59,477,396 | 25.56 | 0.023 | 0.047 | 0.070 | 0.093 | 0.116 | | |
| 2012 | 59,477,396 | 22.70 | 0.026 | 0.052 | 0.079 | 0.105 | 0.131 | | |
| 2013 | 59,477,396 | 20.05 | 0.030 | 0.059 | 0.089 | 0.119 | 0.148 | | |
| 2014 | 59,477,396 | 17.94 | 0.033 | 0.066 | 0.099 | 0.133 | 0.166 | | |
| 2015 | 59,477,396 | 16.17 | 0.037 | 0.074 | 0.110 | 0.147 | 0.184 | | |
| | | | Area 3A | \ | | | | | |
| 2011 | 184,893,008 | 12.88 | 0.144 | 0.287 | 0.431 | 0.574 | 0.718 | | |
| 2012 | 184,893,008 | 15.52 | 0.119 | 0.238 | 0.357 | 0.477 | 0.596 | | |
| 2013 | 184,893,008 | 16.76 | 0.110 | 0.221 | 0.331 | 0.441 | 0.552 | | |
| 2014 | 184,893,008 | 26.27 | 0.070 | 0.141 | 0.211 | 0.282 | 0.352 | | |
| 2015 | 184,893,008 | 23.73 | 0.078 | 0.156 | 0.234 | 0.312 | 0.389 | | |

Table 4-31 Annual transfer allowance across a range of QS/IFQ ratios, 2011-2015 examples

Document Page: 81

| Lower | | | | | | | Upp | er leng | th limit | (in) | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|---------|----------|-------|-------|-------|-------|-------|-------|-------|
| Limit (in) | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 |
| 35 | | 1.181 | • • | | | | | • · | 0.770 | | | | | | | |
| 36 | 1.283 | 1.214 | 1.151 | 1.083 | 1.026 | 0.976 | 0.910 | 0.843 | 0.808 | 0.777 | 0.743 | 0.723 | 0.698 | 0.681 | 0.678 | 0.663 |
| 37 | 1.303 | 1.236 | 1.173 | 1.105 | 1.050 | 0.999 | 0.933 | 0.867 | 0.832 | 0.801 | 0.768 | 0.749 | 0.723 | 0.706 | 0.703 | 0.688 |
| 38 | 1.334 | 1.267 | 1.206 | 1.138 | 1.084 | 1.034 | 0.969 | 0.903 | 0.869 | 0.837 | 0.804 | 0.786 | 0.761 | 0.743 | 0.740 | 0.725 |
| 39 | 1.357 | 1.290 | 1.230 | 1.163 | 1.109 | 1.059 | 0.995 | 0.930 | 0.895 | 0.863 | 0.830 | 0.812 | 0.787 | 0.770 | 0.767 | 0.751 |
| 40 | 1.376 | 1.310 | 1.251 | 1.185 | 1.131 | 1.082 | 1.018 | 0.953 | 0.919 | 0.888 | 0.856 | 0.837 | 0.811 | 0.795 | 0.791 | 0.777 |
| 41 | 1.400 | 1.336 | 1.277 | 1.211 | 1.159 | 1.110 | 1.046 | 0.983 | 0.948 | 0.917 | 0.885 | 0.866 | 0.842 | 0.824 | 0.822 | 0.807 |
| 42 | 1.417 | 1.354 | 1.296 | 1.230 | 1.178 | 1.130 | 1.067 | 1.003 | 0.970 | 0.939 | 0.907 | 0.888 | 0.863 | 0.846 | 0.843 | 0.829 |
| 43 | 1.435 | 1.373 | 1.316 | 1.251 | 1.200 | 1.152 | 1.089 | 1.026 | 0.992 | 0.962 | 0.930 | 0.911 | 0.886 | 0.870 | 0.866 | 0.852 |
| 44 | 1.458 | 1.397 | 1.341 | 1.277 | 1.226 | 1.179 | 1.117 | 1.054 | 1.021 | 0.990 | 0.958 | 0.940 | 0.916 | 0.898 | 0.896 | 0.881 |
| 45 | 1.484 | 1.424 | 1.370 | 1.307 | 1.257 | 1.210 | 1.148 | 1.085 | 1.052 | 1.023 | 0.990 | 0.972 | 0.948 | 0.930 | 0.928 | 0.913 |
| 46 | 1.503 | 1.443 | 1.389 | 1.327 | 1.277 | 1.230 | 1.170 | 1.108 | 1.075 | 1.045 | 1.013 | 0.995 | 0.970 | 0.954 | 0.950 | 0.937 |
| 47 | 1.527 | 1.470 | 1.416 | 1.354 | 1.305 | 1.259 | 1.198 | 1.137 | 1.104 | 1.075 | 1.043 | 1.025 | 1.001 | 0.984 | 0.982 | 0.967 |
| 48 | 1.543 | 1.486 | 1.433 | 1.372 | 1.323 | 1.278 | 1.217 | 1.157 | 1.124 | 1.095 | 1.063 | 1.045 | 1.021 | 1.004 | 1.002 | 0.987 |
| 49 | 1.572 | 1.517 | 1.464 | 1.405 | 1.357 | 1.312 | 1.253 | 1.192 | 1.160 | 1.131 | 1.100 | 1.082 | 1.057 | 1.041 | 1.038 | 1.024 |
| 50 | 1.595 | 1.540 | 1.489 | 1.430 | 1.383 | 1.338 | 1.280 | 1.220 | 1.188 | 1.159 | 1.128 | 1.110 | 1.086 | 1.070 | 1.067 | 1.053 |

| Lower | | | | | | | Uppe | er leng | th limi | t (in) | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|--------|-------|-------|-------|-------|-------|-------|
| Limit | | | | | | | | | | | | | | | | |
| (in) | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 |
| 35 | 1.251 | 1.181 | 1.117 | 1.047 | 0.990 | 0.939 | 0.873 | 0.806 | 0.770 | 0.738 | 0.705 | 0.686 | 0.660 | 0.643 | 0.640 | 0.624 |
| 36 | 1.283 | 1.214 | 1.151 | 1.083 | 1.026 | 0.976 | 0.910 | 0.843 | 0.808 | 0.777 | 0.743 | 0.723 | 0.698 | 0.681 | 0.678 | 0.663 |
| 37 | 1.303 | 1.236 | 1.173 | 1.105 | 1.050 | 0.999 | 0.933 | 0.867 | 0.832 | 0.801 | 0.768 | 0.749 | 0.723 | 0.706 | 0.703 | 0.688 |
| 38 | 1.334 | 1.267 | 1.206 | 1.138 | 1.084 | 1.034 | 0.969 | 0.903 | 0.869 | 0.837 | 0.804 | 0.786 | 0.761 | 0.743 | 0.740 | 0.725 |
| 39 | 1.357 | 1.290 | 1.230 | 1.163 | 1.109 | 1.059 | 0.995 | 0.930 | 0.895 | 0.863 | 0.830 | 0.812 | 0.787 | 0.770 | 0.767 | 0.751 |
| 40 | 1.376 | 1.310 | 1.251 | 1.185 | 1.131 | 1.082 | 1.018 | 0.953 | 0.919 | 0.888 | 0.856 | 0.837 | 0.811 | 0.795 | 0.791 | 0.777 |
| 41 | 1.400 | 1.336 | 1.277 | 1.211 | 1.159 | 1.110 | 1.046 | 0.983 | 0.948 | 0.917 | 0.885 | 0.866 | 0.842 | 0.824 | 0.822 | 0.807 |
| 42 | 1.417 | 1.354 | 1.296 | 1.230 | 1.178 | 1.130 | 1.067 | 1.003 | 0.970 | 0.939 | 0.907 | 0.888 | 0.863 | 0.846 | 0.843 | 0.829 |
| 43 | 1.435 | 1.373 | 1.316 | 1.251 | 1.200 | 1.152 | 1.089 | 1.026 | 0.992 | 0.962 | 0.930 | 0.911 | 0.886 | 0.870 | 0.866 | 0.852 |
| 44 | 1.458 | 1.397 | 1.341 | 1.277 | 1.226 | 1.179 | 1.117 | 1.054 | 1.021 | 0.990 | 0.958 | 0.940 | 0.916 | 0.898 | 0.896 | 0.881 |
| 45 | 1.484 | 1.424 | 1.370 | 1.307 | 1.257 | 1.210 | 1.148 | 1.085 | 1.052 | 1.023 | 0.990 | 0.972 | 0.948 | 0.930 | 0.928 | 0.913 |
| 46 | 1.503 | 1.443 | 1.389 | 1.327 | 1.277 | 1.230 | 1.170 | 1.108 | 1.075 | 1.045 | 1.013 | 0.995 | 0.970 | 0.954 | 0.950 | 0.937 |
| 47 | 1.527 | 1.470 | 1.416 | 1.354 | 1.305 | 1.259 | 1.198 | 1.137 | 1.104 | 1.075 | 1.043 | 1.025 | 1.001 | 0.984 | 0.982 | 0.967 |
| 48 | 1.543 | 1.486 | 1.433 | 1.372 | 1.323 | 1.278 | 1.217 | 1.157 | 1.124 | 1.095 | 1.063 | 1.045 | 1.021 | 1.004 | 1.002 | 0.987 |
| 49 | 1.572 | 1.517 | 1.464 | 1.405 | 1.357 | 1.312 | 1.253 | 1.192 | 1.160 | 1.131 | 1.100 | 1.082 | 1.057 | 1.041 | 1.038 | 1.024 |
| 50 | 1.595 | 1.540 | 1.489 | 1.430 | 1.383 | 1.338 | 1.280 | 1.220 | 1.188 | 1.159 | 1.128 | 1.110 | 1.086 | 1.070 | 1.067 | 1.053 |

| Lower | | | | | | | Upp | per leng | th limit | (in) | | | | | | |
|---------------|-----|----|----|----|----|----|-----|----------|----------|------|----|----|----|----|----|----|
| Limit (in) | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 |
| 35 | 11 | 9 | 8 | 6 | 4 | 3 | 1 | CA | CA | CA | CA | CA | CA | CA | CA | CA |
| 36 | 12 | 10 | 9 | 7 | 5 | 4 | 2 | CA | CA | CA | CA | CA | CA | CA | CA | CA |
| 37 | 13 | 11 | 9 | 7 | 6 | 5 | 3 | 1 | CA | CA | CA | CA | CA | CA | CA | CA |
| 38 | 14 | 12 | 10 | 8 | 7 | 5 | 4 | 2 | 1 | CA | CA | CA | CA | CA | CA | CA |
| 39 | 14 | 12 | 11 | 9 | 8 | 6 | 4 | 3 | 2 | 1 | CA | CA | CA | CA | CA | CA |
| 40 | 15 | 13 | 11 | 10 | 8 | 7 | 5 | 3 | 2 | 2 | 1 | CA | CA | CA | CA | CA |
| 41 | 15 | 14 | 12 | 10 | 9 | 8 | 6 | 4 | 3 | 2 | 1 | 1 | CA | CA | CA | CA |
| 42 | 16 | 14 | 13 | 11 | 9 | 8 | 6 | 5 | 4 | 3 | 2 | 2 | 1 | CA | CA | CA |
| 43 | 16 | 15 | 13 | 11 | 10 | 9 | 7 | 5 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 |
| 44 | 17 | 15 | 14 | 12 | 11 | 9 | 8 | 6 | 5 | 4 | 3 | 3 | 2 | 2 | 2 | 1 |
| 45 | 18 | 16 | 15 | 13 | 12 | 10 | 9 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | 3 | 2 |
| 46 | 18 | 17 | 15 | 13 | 12 | 11 | 9 | 7 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | 3 |
| 47 | 19 | 17 | 16 | 14 | 13 | 12 | 10 | 8 | 7 | 7 | 6 | 5 | 5 | 4 | 4 | 4 |
| 48 | 19 | 18 | 16 | 15 | 13 | 12 | 10 | 9 | 8 | 7 | 6 | 6 | 5 | 5 | 5 | 4 |
| 49 | 20 | 19 | 17 | 16 | 14 | 13 | 11 | 10 | 9 | 8 | 7 | 7 | 6 | 6 | 6 | 5 |
| 50 | N/A | 19 | 18 | 16 | 15 | 14 | 12 | 11 | 10 | 9 | 8 | 8 | 7 | 6 | 6 | 6 |

| Size Limit | | | | | A | nnual Limi | t | | | | |
|---------------------|----|----|----|---|---|------------|----|----|----|----|------|
| on 2nd fish (in) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | None |
| 26 | CA | CA | CA | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 27 | CA | CA | CA | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| 28 | CA | CA | 1 | 2 | | 3 | 5 | 5 | 5 | 5 | 5 |
| 29 | CA | CA | 1 | 3 | | 5 | 5 | 5 | 5 | 5 | 5 |
| 30 | CA | CA | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 31 | CA | CA | 2 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| 32 | CA | CA | 3 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 |
| 33 | CA | 1 | 3 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| 34 | CA | 1 | 5 | 6 | 6 | 7 | 7 | 7 | | | 7 |
| 35 | CA | 1 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | | 8 |
| 36 | CA | 2 | 5 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 |
| 37 | CA | 2 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 |
| 38 | CA | 2 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | | |
| 39 | CA | 2 | 5 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| 40 | CA | 2 | 5 | 7 | | 8 | 9 | 9 | 9 | | 9 |
| 41 | CA | 2 | 5 | 7 | | 9 | 9 | 9 | 9 | 9 | 9 |
| 42 | CA | 3 | 5 | 7 | - | 9 | 9 | 9 | 9 | | 9 |
| 43 | CA | 3 | 5 | 8 | 8 | 9 | 9 | 9 | 9 | | |
| 44 | CA | 3 | 5 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 10 |
| 45 | CA | 3 | 6 | 8 | 9 | 9 | 9 | 9 | 10 | | |
| 46 | CA | 3 | 6 | 8 | 9 | 9 | 9 | 10 | 10 | | |
| 47 | CA | 3 | 6 | 8 | | 9 | 10 | 10 | 10 | | 10 |
| 48 | CA | 3 | 6 | 8 | 9 | 9 | 10 | 10 | | | |
| 49 | CA | 3 | 6 | 8 | 9 | 10 | 10 | 10 | 10 | | 10 |
| 50 | CA | 3 | 6 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 10 |

Area 3A is a little different as it presumes the elimination of the DOW closure first and that's not included in the table.

Under 2015 conditions that RQE needs 3 percent of QS for the current bag limit and eliminating the DOW closure.

Document Page: Version of Page 92

RQE Efficacy at Low QS Levels

In both Areas, even small percentages of QS would help liberalize bag limits. Below are two 2015 examples.

| | | Portion of Area QS Held by RQE | | | | | | |
|-------------------|------------|--------------------------------|------------|------------|------------|------------|--|--|
| Category | Status Quo | 1 | 2 | 3 | 4 | 5 | | |
| Harvest Limit+IFQ | 0.851 | 0.888 | 0.925 | 0.961 | 0.998 | 1.035 | | |
| Regulation | 1F-U42 O80 | 1F-U44 O80 | 1F-U45 O80 | 1F-U46 O80 | 1F-U48 O80 | 1F-U49 O80 | | |

Table 4-34 Projected 2015 fishing regulations based portion of QS held. Area 2C

Source: Northern Economics, Inc. estimates from NOAA (2015a).

Table 4-35 Projected 2015 fishing regulations based portion of QS held, Area 3A

| | | | | Portion of Area QS | 4 5 2.202 2.279 | | | |
|-------------------|------------|--------|--------|-------------------------------|-------------------------------|-------------------------------|--|--|
| Category | Status Quo | 1 | 2 | 3 | 4 | 5 | | |
| Harvest Limit+IFQ | 1.89 | 1.968 | 2.046 | 2.124 | 2.202 | 2.279 | | |
| Regulation | 2F-U29 | 2F-U29 | 2F-U29 | 2F-U29 W/O DOW Restriction | 2F-U30 W/O DOW Restriction | 2F-U32 W/O DOW Restriction | | |

100AA (2013a)

Alt 2, Element 3, Option 4, SO1: Class Restrictions

- In Area 2C, C-Class QS represent 78.5 percent of all QS while, D-Class shares are 15 percent. Restricting D-Class QS would further focus the RQE into the C-Class market.
- In Area 3A, C-Class and B-Class are the largest QS classes with D-Class representing just 6.9 percent of all QS.

| | Class | | | | | | | | |
|--------------------------|-----------|-------------|--------------|--------------|--|--|--|--|--|
| Category | A-Freezer | B-GT 60 ft. | C- 36-60 ft. | D- LE 35 ft. | | | | | |
| Area 2C | | · · · · | | | | | | | |
| Total QS Units | 1,249,141 | 2,655,243 | 46,677,536 | 8,895,476 | | | | | |
| Portion of All Units (%) | 2.1 | 4.5 | 78.5 | 15.0 | | | | | |
| Area 3A | | | | | | | | | |
| Total QS Units | 4,773,918 | 68,568,976 | 98,876,488 | 12,673,626 | | | | | |
| Portion of All Units (%) | 2.6 | 37.1 | 53.5 | 6.9 | | | | | |

Table 4-40 2015 QS units by class, Area 3A

Source: Northern Economics, Inc. estimates from NOAA (2015a).

QS Class Data and Annual Transfers

Table 4-36 2015 QS units by class, Area 2C

| | | CI | ass | _ |
|----------------------------|-----------|-------------|--------------|--------------|
| Category | A-Freezer | B-GT 60 ft. | C- 36-60 ft. | D- LE 35 ft. |
| Total QS Units | 1,249,141 | 2,655,243 | 46,677,536 | 8,895,476 |
| Portion of All Units (%) | 2.1 | 4.5 | 78.5 | 15.0 |
| Portion Without Class D | 2.5 | 5.2 | 92.3 | N/A |
| 20-Year Average Transfers | 2.1 | 10.7 | 94.0 | 60.1 |
| 20-Year Average Transfer % | 5.7 | 16.7 | 7.3 | 9.2 |

Source: Northern Economics, Inc. estimates from NOAA (2015a).

Table 4-37 2015 QS units by class, Area 3A

| | | С | lass | |
|----------------------------|-----------|-------------|--------------|--------------|
| Category | A-Freezer | B-GT 60 ft. | C- 36-60 ft. | D- LE 35 ft. |
| Total QS Units | 4,773,918 | 68,568,976 | 98,876,488 | 12,673,626 |
| Portion of All Units (%) | 2.6 | 37.1 | 53.5 | 6.9 |
| Portion Without Class D | 2.8 | 39.8 | 57.4 | N/A |
| 20-Year Average Transfers | 2.7 | 33.2 | 118.2 | 68.4 |
| 20-Year Average Transfer % | 2.8 | 5.2 | 6.9 | 10.6 |

Source: Northern Economics, Inc. estimates from NOAA (2015a).

Potential Absorption in the QS Market

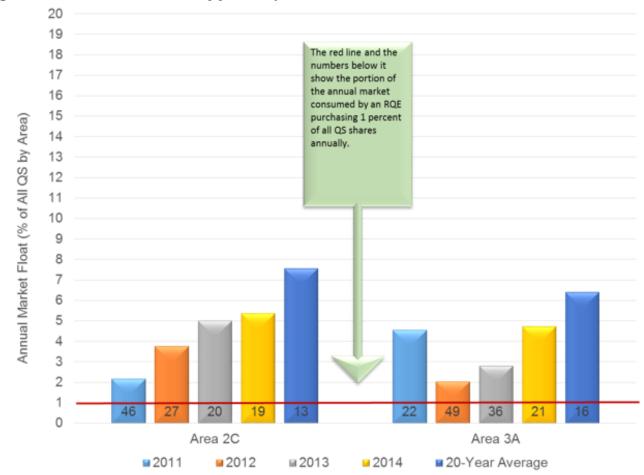


Figure 4-15 Annual QS market size by year compared with a 1-Percent Annual Transfer Limit

Source: Northern Economics, Inc. estimates from NOAA (2015a).

Alt 2, Elem. 3, Opt. 4, SO2, Area 2C Block Restrictions

- Blocks <1,500 lb. (2015) comprised 13.8 percent of QS units while <2,000 lb. blocks comprised 23.4 percent of all QS units.</p>
- There's substantial overlap between the D-Class shares and the small block shares. Combined the block and class restrictions remove 22.6 percent or 29.3 percent of QS from the market.

| | | QS from 20 | 15 Blocks <u><</u> | Percent of | of Class QS | |
|--------------------|--------------|------------|-----------------------|------------|-------------|--|
| Class | Total Shares | 1,500 lb | 2,000 lb | 1,500 lb | 2,000 lb | |
| A | 1,249,141 | 41,280 | 151,533 | 3.3 | 12.1 | |
| В | 2,655,425 | 176,366 | 367,404 | 6.6 | 13.8 | |
| С | 46,677,536 | 4,357,464 | 7,999,184 | 9.3 | 17.1 | |
| D | 8,895,294 | 3,603,482 | 5,384,115 | 40.5 | 60.5 | |
| All Classes | 59,477,396 | 8,178,592 | 13,902,236 | 13.8 | 23.4 | |
| All D-Class+Blocks | 59,477,396 | 13,470,404 | 17,413,415 | 22.6 | 29.3 | |

Source: Northern Economics, Inc. estimates from NOAA (2015a).

Alt 2, Element 3: Area 3A Block Restrictions

- Blocks <1,500 lb. (2015) comprised 7.2 percent of QS units while <2,000 lb. blocks comprised 13.2 percent of all QS units.</p>
- As with Area 2C, there's substantial overlap between the D-Class shares and the small block shares. Combined the block and class restrictions remove 11.7 percent or 15.7 percent of QS from the market.

| _ | QS from 20 | 15 Blocks <u><</u> | Percent of Class QS | |
|--------------|--|---|--|--|
| Total Shares | 1,500 lb | 2,000 lb | 1,500 lb | 2,000 lb |
| 4,773,918 | 70,692 | 270,203 | 1.5 | 5.7 |
| 68,568,976 | 920,969 | 1,534,265 | 1.3 | 2.2 |
| 98,876,488 | 7,960,195 | 14,630,933 | 8.1 | 14.8 |
| 12,664,467 | 4,403,783 | 7,924,495 | 34.8 | 62.6 |
| 184,883,849 | 13,355,639 | 24,359,896 | 7.2 | 13.2 |
| 184,883,849 | 21,616,323 | 29,099,868 | 11.7 | 15.7 |
| | 4,773,918 68,568,976 98,876,488 12,664,467 184,883,849 | Total Shares1,500 lb4,773,91870,69268,568,976920,96998,876,4887,960,19512,664,4674,403,783184,883,84913,355,639 | 4,773,918 70,692 270,203 68,568,976 920,969 1,534,265 98,876,488 7,960,195 14,630,933 12,664,467 4,403,783 7,924,495 184,883,849 13,355,639 24,359,896 | Total Shares1,500 lb2,000 lb1,500 lb4,773,91870,692270,2031.568,568,976920,9691,534,2651.398,876,4887,960,19514,630,9338.112,664,4674,403,7837,924,49534.8184,883,84913,355,63924,359,8967.2 |

| Table 4-44 Blocked QS Less than or Equal to 1,500 lb or 2,000 lb in 2015, Area 3A |
|---|
|---|

Source: Northern Economics, Inc. estimates from NOAA (2015a).

Effect of Block/Class Restrictions, Area 2C 2015 Stock

| | | | |) Ib Blocks | <u><2,000 lb Blocks</u> | | |
|-----------------------------|-----------------|------------|-----------|---------------------------|----------------------------|--------------------------|--|
| Cumulative Cap (Percent) | No Restrictions | No D-Class | No Blocks | No Blocks and D- Class | No Blocks | No Blocks and D-Class | |
| 5 | U49-O80 | U48-O76 | U48-O76 | U48-O80 | U48-O80 | U47-O80 | |
| 6 | U50-O76 | U49-O78 | U49-O76 | U48-O74 | U48-O76 | U48-O76 | |
| 7 | U50-O74 | U50-O76 | U50-O76 | U49-O76 | U49-O76 | U49-O80 | |
| 8 | U50-O70 | U50-O74 | U50-O74 | U50-O76 | U50-O76 | U50-O80 | |
| 9 | U50-O68 | U50-O72 | U50-O70 | U50-O74 | U50-O74 | U50-O76 | |
| 10 | U50-O66 | U50-O68 | U50-O68 | U50-O70 | U50-O70 | U50-O74 | |
| 11 | U50-O64 | U50-O66 | U50-O66 | U50-O68 | U50-O68 | U50-O70 | |
| 12 | U50-O62 | U50-O64 | U50-O64 | U50-O66 | U50-O66 | U50-O68 | |
| 13 | U49-O60 | U49-O62 | U49-O62 | U50-O64 | U49-O64 | U50-O66 | |
| 14 | U50-O60 | U50-O62 | U50-O62 | U46-O60 | U50-O64 | U49-O64 | |
| 15 | U50-O58 | U49-O60 | U49-O60 | U49-O62 | U49-O62 | U50-O64 | |
| 16 | U50-O56 | U50-O60 | U50-O60 | U50-O62 | U50-O62 | U49-O62 | |
| 17 | U49-O54 | U50-O58 | U50-O58 | U49-O60 | U49-O60 | U50-O62 | |
| 18 | U50-O54 | U49-O56 | U49-O56 | U50-O60 | U50-O60 | U49-O60 | |
| 19 | U50-O52 | U50-O56 | U50-O56 | U50-O58 | U50-O58 | U50-O60 | |
| 20 | U49-O50 | U49-O54 | U49-O54 | U49-O56 | U49-O56 | U49-O58 | |

Document Page: 116

Effect of Block/Class Restrictions, Area 2C 2011 Stock

| | | | <u><</u> 1,500 |) Ib Blocks | <u><2</u> ,000 lb Blocks | | |
|-----------------------------|-----------------|------------|-------------------|---------------------------|-----------------------------|--------------------------|--|
| Cumulative Cap (Percent) | No Restrictions | No D-Class | No Blocks | No Blocks and D- Class | No Blocks | No Blocks and D-Class | |
| 5 | U44-O76 | U44-U80 | U44-O80 | U43-O76 | U43-O76 | U43-O76 | |
| 6 | U44-074 | U44-U76 | U44-O76 | U44-O78 | U44-O80 | U44-O80 | |
| 7 | U46-O78 | U45-O80 | U45-O78 | U45-O80 | U44-O76 | U44-O76 | |
| 8 | U47-O80 | U46-O80 | U46-O80 | U45-O76 | U45-O76 | U45-O80 | |
| 9 | U48-O80 | U46-O76 | U47-O80 | U46-O80 | U46-O80 | U45-O76 | |
| 10 | U48-O76 | U47-O76 | U48-O80 | U47-O80 | U46-O76 | U46-O78 | |
| 11 | U49-O76 | U48-O76 | U48-O76 | U47-O76 | U47-O78 | U47-O80 | |
| 12 | U50-O78 | U49-O80 | U49-O80 | U48-O80 | U48-O78 | U47-O76 | |
| 13 | U50-O74 | U49-O76 | U49-O76 | U48-074 | U48-O76 | U48-O78 | |
| 14 | U50-O72 | U50-O80 | U50-O80 | U49-O78 | U49-O80 | U48-O76 | |
| 15 | U50-O70 | U50-O76 | U50-O74 | U50-O80 | U50-O80 | U49-O80 | |
| 16 | U50-O68 | U50-O74 | U49-O70 | U50-O76 | U50-O76 | U49-O76 | |
| 17 | U46-O62 | U50-O72 | U50-O70 | U50-O74 | U50-O74 | U50-O78 | |
| 18 | U50-O66 | U50-O70 | U49-O68 | U50-O72 | U49-O70 | U50-O76 | |
| 19 | U50-O64 | U50-O68 | U50-O68 | U50-O70 | U50-O72 | U50-O74 | |
| 20 | U49-O62 | U46-O62 | U50-O66 | U49-O68 | U50-O70 | U50-O72 | |

Document Page: 117

Effect of Block/Class Restrictions, Area 3A 2015 Stock

Even at the highest block/class restriction levels considered, a 3A RQE could provide for a U50 limit (2015 conditions) with roughly 11 percent of the Area QS.

| | | | <u><</u> 1,500 |) Ib Blocks | <u><2</u> ,000 | Ib Blocks |
|-----------------------------|-----------------|-----------------|----------------------|---|-------------------|-------------------|
| Cumulative Cap (Percent) | No Restrictions | No D-Class | Only Blocks | Blocks and D-Class | Only Blocks | Blocks and D-Clas |
| 5 | U32 | U31 | U31 | U31 | U31 | U30 |
| 6 | U34 | U33 | U33 | U32 | U32 | U32 |
| 7 | U38 | U35 | U35 | U35 | U34 | U34 |
| 8 | U44 | U40 | U40 | U38 | U37 | U37 |
| 9 | U50 | U48 | U48 | U44 | U42 | U41 |
| 10 | | U50 | U50 | U50 | U50 | U48 |
| 11 | | | | | | U50 |
| 12 | | | | | | |
| | | | | | | |
| 13 | | | | | | |
| 13 14 | | This blue shade | d area indicated all | owances that would allo | w managers to | |
| | | | | owances that would allo fish larger than 50" in le | | |
| 14 | | | size on the second | | | |
| 14 15 | | | size on the second | fish larger than 50" in le | | |
| 14 15 16 | | | size on the second | fish larger than 50" in le | | |
| 14 15 16 17 | | | size on the second | fish larger than 50" in le | | |

Document Page: 118

Reallocation Conditions-Area 2C

For Area 2C, we would expect reallocations to only happen with a very high RQE ownership and historically high stock conditions.

| Annual Combined Catch Limit (MIb) | Base Charter Allocation (MIb) | Commercial Catch Limit Ex Incidental Mortality (MIb) | Est QS/IFQ Ratio | RQE CL at 20 Percent RQE Allowance | RQE CL at 15 Percent RQE Allowance | RQE CL at 10 Percent RQE Allowance | RQE CL at 5 Percent RQE Allowance |
|--|-------------------------------------|---|---------------------|---|---|---|--|
| 1.5 | 0.275 | 1.19 | 50.0 | 0.512 | 0.453 | 0.39 | 0.334 |
| 2.0 | 0.366 | 1.59 | 37.5 | 0.683 | 0.604 | 0.52 | 0.445 |
| 2.5 | 0.458 | 1.98 | 30.0 | 0.854 | 0.755 | 0.66 | 0.557 |
| 3.0 | 0.549 | 2.38 | 25.0 | 1.025 | 0.906 | 0.79 | 0.668 |
| 3.5 | 0.641 | 2.77 | 21.4 | 1.195 | 1.057 | 0.92 | 0.779 |
| 4.0 | 0.732 | 3.17 | 18.8 | 1.366 | 1.208 | 1.05 | 0.891 |
| 4.5 | 0.824 | 3.57 | 16.7 | 1.537 | 1.359 | 1.18 | 1.002 |
| 5.0 | 0.915 | 3.96 | 15.0 | 1.708 | 1.510 | 1.31 | 1.113 |
| 5.5 | 0.915 | 4.45 | 13.4 | 1.805 | 1.582 | 1.36 | 1.137 |
| 6.0 | 0.954 | 4.90 | 12.1 | 1.933 | 1.688 | 1.44 | 1.199 |
| 6.5 | 1.034 | 5.30 | 11.2 | 2.094 | 1.829 | 1.56 | 1.299 |
| 7.0 | 1.113 | 5.71 | 10.4 | 2.255 | 1.970 | 1.68 | 1.399 |
| 7.5 | 1.193 | 6.12 | 9.7 | 2.417 | 2.111 | 1.80 | 1.499 |
| 8.0 | 1.272 | 6.53 | 9.1 | 2.578 | 2.251 | 1.92 | 1.598 |
| 8.5 | 1.352 | 6.94 | 8.6 | 2.739 | 2.392 | 2.05 | 1.698 |
| 9.0 | 1.431 | 7.34 | 8.1 | 2.900 | 2.533 | 2.17 | 1.798 |
| 9.5 | 1.511 | 7.75 | 7.7 | 3.061 | 2.673 | 2.29 | 1.898 |
| 10.0 | 1.590 | 8.16 | 7.3 | 3.222 | 2.814 | 2.41 | 1.998 |
| 10.5 | 1.670 | 8.57 | 6.9 | 3.383 | 2.955 | 2.53 | 2.098 |
| 11.0 | 1.749 | 8.98 | 6.6 | 3.544 | 3.095 | 2.65 | 2.198 |
| 11.5 | 1.829 | 9.38 | 6.3 | 3.705 | 3.236 | 2.77 | 2.298 |
| 12.0 | 1.908 | 9.79 | 6.1 | 3.867 | 3.377 | 2.89 | 2.398 |
| 12.5 | 1.988 | 10.20 | 5.8 | 4.028 | 3.518 | 3.01 | 2.498 |
| 13.0 | 2.067 | 10.61 | 5.6 | 4.189 | 3.658 | 3.13 | 2.597 |
| 13.5 | 2.147 | 11.02 | 5.4 | 4.350 | 3.799 | 3.25 | 2.697 |
| 14.0 | 2.226 | 11.42 | 5.2 | 4.511 | 3.940 | 3.37 | 2.797 |
| 14.5 | 2.306 | 11.83 | 5.0 | 4.672 | 4.080 | 3.49 | 2.897 |
| 15.0 | 2.385 | 12.24 | 4.9 | 4.833 | 4.221 | 3.61 | 2.997 |



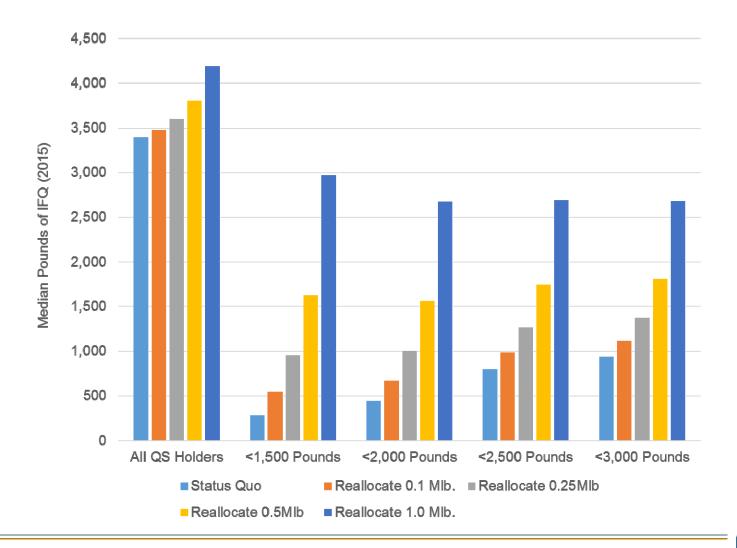
Reallocation Conditions-Area 3A

For Area 3A, we expect reallocations would happen more freq. even at less than historic stock conditions and lower ownership levels..

| Annual Combined Catch Limit (MIb) | Base Charter Allocation (Mlb) | Commercial Catch Limit Ex Incidental Mortality (MIb) | Est QS/IFQ Ratio | RQE CL at 20 Percent RQE Allowance | RQE CL at 15 Percent RQE Allowance | RQE CL at 10 Percent RQE Allowance | RQE CL at 5 Percent RQE Allowance |
|--|----------------------------------|---|---------------------|---|---|---|--|
| 1.0 | 0.189 | 0.79 | 235.0 | 0.346 | 0.307 | 0.268 | 0.228 |
| 2.0 | 0.378 | 1.57 | 117.5 | 0.693 | 0.614 | 0.535 | 0.457 |
| 3.0 | 0.567 | 2.36 | 78.3 | 1.039 | 0.921 | 0.803 | 0.685 |
| 4.0 | 0.756 | 3.15 | 58.7 | 1.386 | 1.228 | 1.071 | 0.913 |
| 5.0 | 0.945 | 3.93 | 47.0 | 1.732 | 1.535 | 1.338 | 1.142 |
| 6.0 | 1.134 | 4.72 | 39.2 | 2.078 | 1.842 | 1.606 | 1.370 |
| 7.0 | 1.323 | 5.51 | 33.6 | 2.425 | 2.149 | 1.874 | 1.598 |
| 8.0 | 1.512 | 6.30 | 29.4 | 2.771 | 2.456 | 2.142 | 1.827 |
| 9.0 | 1.701 | 7.08 | 26.1 | 3.117 | 2.763 | 2.409 | 2.055 |
| 10.0 | 1.890 | 7.87 | 23.5 | 3.464 | 3.070 | 2.677 | 2.283 |
| 11.0 | 1.925 | 8.81 | 21.0 | 3.686 | 3.246 | 2.806 | 2.365 |
| 12.0 | 2.100 | 9.61 | 19.2 | 4.021 | 3.541 | 3.061 | 2.580 |
| 13.0 | 2.275 | 10.41 | 17.8 | 4.356 | 3.836 | 3.316 | 2.795 |
| 14.0 | 2.450 | 11.21 | 16.5 | 4.691 | 4.131 | 3.571 | 3.010 |
| 15.0 | 2.625 | 12.01 | 15.4 | 5.027 | 4.426 | 3.826 | 3.225 |
| 16.0 | 2.800 | 12.81 | 14.4 | 5.362 | 4.721 | 4.081 | 3.440 |
| 17.0 | 2.975 | 13.61 | 13.6 | 5.697 | 5.016 | 4.336 | 3.655 |
| 18.0 | 3.150 | 14.41 | 12.8 | 6.032 | 5.311 | 4.591 | 3.870 |
| 19.0 | 3.325 | 15.21 | 12.2 | 6.367 | 5.606 | 4.846 | 4.085 |
| 20.0 | 3.500 | 16.01 | 11.5 | 6.702 | 5.902 | 5.101 | 4.301 |
| 21.0 | 3.500 | 16.98 | 10.9 | 6.896 | 6.047 | 5.198 | 4.349 |
| 22.0 | 3.500 | 17.95 | 10.3 | 7.090 | 6.193 | 5.295 | 4.398 |
| 23.0 | 3.500 | 18.92 | 9.8 | 7.284 | 6.338 | 5.392 | 4.446 |
| 24.0 | 3.500 | 19.89 | 9.3 | 7.478 | 6.484 | 5.489 | 4.495 |
| 25.0 | 3.500 | 20.86 | 8.9 | 7.672 | 6.629 | 5.586 | 4.543 |
| 26.0 | 3.640 | 21.70 | 8.5 | 7.979 | 6.894 | 5.810 | 4.725 |
| 27.0 | 3.780 | 22.53 | 8.2 | 8.286 | 7.160 | 6.033 | 4.907 |
| 28.0 | 3.920 | 23.37 | 7.9 | 8.593 | 7.425 | 6.257 | 5.088 |



Rellocation Effects in the Commercial Sector



Elements 4 and 5: Funding and Structure

- Element 4- RQE funds are limited in their use to acquisition of commercial halibut quota; acquisition of charter halibut permits; halibut conservation/research; promotion of the halibut resource; and administrative costs.
- Element 5- The RQE shall consist of a board of seven people and shall include the following: 4 CHP holders, 1 commercial halibut quota share holder, 1 community representative (not a holder of a CHP or commercial QS), and Commissioner of Alaska Department of Fish and Game, or designee.
- Early discussions indicate that the Council can designate structure and fund use.



Alternative 3: RQE CHP Purchases

In 2014, there was substantial latency in both Areas with roughly 40 percent of permits taking 1-2 trips per month or less.

| Usage Group | Number of Permits | 2015 Trips | 2015 Halibut Kept | Average Number of Trips | Portion of Permits | Portion of Trips (%) | Portion of Halibut Kept (%) |
|--------------------|----------------------|------------|-------------------------|-------------------------------|-----------------------|-------------------------|-----------------------------------|
| No Trips | 122 | 0 | 0 | 0 | 21 | 0 | 0 |
| 1-2 Trip per Month | 110 | 636 | 2,027 | 6 | 19 | 3 | 3 |
| 1-2 Trips per Week | 116 | 3,102 | 9,298 | 27 | 20 | 17 | 15 |
| 3-4 Trips per Week | 111 | 5,442 | 17,924 | 49 | 19 | 30 | 28 |
| 5-6 Trips per Week | 61 | 3,831 | 14,284 | 63 | 10 | 21 | 22 |
| Nearly Every Day | 63 | 5,377 | 20,324 | 85 | 11 | 29 | 32 |

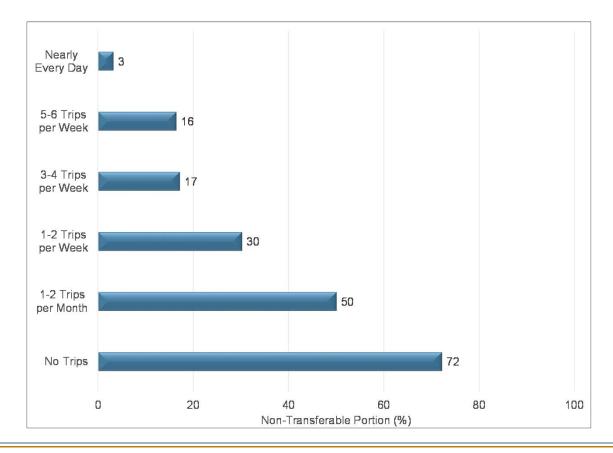
Table 4-62. 2014 Area 2C Charter Halibut Participation Statistics

Table 4-63. 2014 Area 3A Charter Halibut Participation Statistics

| Usage Group | Number of Permits | 2015 Trips | 2015 Halibut Kept | Average Number of Trips | Portion of Permits | Portion of Trips (%) | Portion of Halibut Kept (%) |
|--------------------|----------------------|------------|-------------------------|-------------------------------|-----------------------|-------------------------|-----------------------------------|
| No Trips | 129 | 0 | 0 | 0 | 25 | 0 | 0 |
| One Trip per Month | 66 | 251 | 1,711 | 4 | 13 | 2 | 1 |
| 1-2 Trips per Week | 106 | 2329 | 18,315 | 22 | 21 | 14 | 10 |
| 3-4 Trips per Week | 105 | 5315 | 54,942 | 51 | 21 | 32 | 30 |
| 5-6 Trips per Week | 51 | 3551 | 40,607 | 70 | 10 | 21 | 22 |
| Nearly Every Day | 51 | 5206 | 70,583 | 102 | 10 | 31 | 38 |

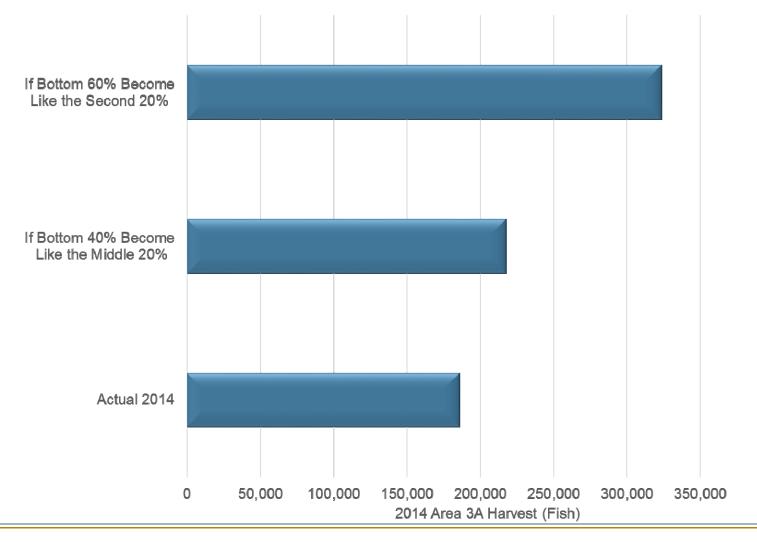
Alternative 3: RQE CHP Purchases

Most of the bottom 40 percent is made up of non-transferable permits.





What if Below Average Users Became Average?



NE



- Even small percentages of QS would have helped an RQE liberalize bag limits under 2015 conditions in both IPHC Areas.
- An RQE purchasing one percent of all QS per year would consume a large portion of the average annual market and could materially affect the market.
- Block/Class restrictions could help protect QS perceived to be used by small/new holders, but would affect program efficiency and likely push the RQE into B-Class QS (3A only) and C-Class shares (2C/3A).
- In 2014, there were significant percentages of truly latent (unused) and underutilized capacity in both Area 2C and Area 3A. This group is larger than the 10-30 percent maximum purchase range specified in the motion.

Appendix A: Observer Coverage and Fees

- Based on 2016 ADP, catcher vessels that participate in halibut IFQ fishery fall into the partial coverage observer category. Either the:
 - "no selection pool" (fixed-gear vessels less than 40 ft LOA) or
 - "hook-and-line selection pool"
- Processors and register buyers pay 1.25% the ex-vessel value of halibut and groundfish as an observer fee in the partial coverage category (part of which is expected to be passed on to the harvester)
- Ex-vessel value is based off standard calculations from previous year's IFQ Buyers Report
- Fees are collected from all (even no selection pool) and contribute to the observer budget overall (therefore one sector might not "pay its way")



In order to understand the impacts on the observer program, we looked at 2 primary questions:

1) How much observer fee liability would be foregone if halibut IFQ were used in the halibut charter sector rather than commercial halibut IFQ sector?

2) How would the proposed RQE change the demand for the number of observer-days in the partial coverage fleet?

1) How much observer fee liability would be foregone if halibut IFQ were used in the halibut charter sector rather than commercial halibut IFQ sector?

Difficult to estimate with no transfer restrictions

- More straight-forward to calculate using example transfer restrictions
 - →Using the analysis, we can identify max pounds that could have been held in certain year given any set of transfer restrictions
 - \rightarrow Already use a standard ex vessel price by area
 - \rightarrow Multiple those pounds by ex vessel price
 - \rightarrow Apply 1.25% observer fee for reduction in observer fee revenue
 - →Based on average cost per day, calculate the number of foregone observer days



2) How would the proposed RQE change the demand for the number of observer-days in the partial coverage fleet?

- Could reduce the demand for observer days given less IFQ associated with partial coverage; decreased number of commercial halibut trips
- More complex to calculate, given the uncertainty in purchasing behavior
- Greatest impact would be felt if all purchased QS was traditionally harvested on fleet in "no selection pool" because they have "no demand" for observers
- We demonstrate some example scenarios in which the foregone revenue from observer fees is offset by a decrease in the demand for observer days



Summary point:

 The impacts are difficult to quantify and will depend on who sells QS to an RQE, and how it changes current commercial operations.

Appendix B: Cumulative GAF and RQE Transfer Limit

- Thus far, the Council has not proposed to revoke the GAF program if an RQE program is implemented
- GAF and proposed RQE have different objectives and expected results
- Stakeholders and Council discussion identified a desire to consider the cumulative impact of the moving halibut harvesting privilege out of the commercial sector
- This appendix considers how regulations might implement a *sliding* cumulative transfer between the GAF program and an RQE

For example, under status quo, commercial QS holders in Area 2C can lease up to 10% of their IFQ as GAF. If the cumulative limit for RQE purchases of commercial quota was 15% of the Area 2C catcher vessel QS pool, then if by October 1 the RQE holds up to 5% of the Area 2C catcher vessel QS pool, the GAF limit remains at 10% for the upcoming year. If by October 1 the RQE holds 6% of the Area 2C catcher vessel QS pool, the GAF limit is reduced to 9% for the upcoming year. Any example could be used within the range of the cumulative limits under Element 2, **Option 3**.

The GAF program has several restrictions on use 50 CFR 300.65(c)(5)(iv)(H):

- No more than 400 GAF may be assigned to a GAF permit in a year that is assigned to a CHP or community CHP endorsed for six or fewer anglers
- No more than 600 GAF may be assigned to a GAF permit in a year that is assigned to a CHP endorsed for more than six charter vessel anglers in a year
- In Area 2C, a maximum of 1,500 pounds or ten percent, whichever is greater, of the start year fishable IFQ pounds for an IFQ permit, may be transferred from IFQ to GAF
- In Area 3A, a maximum of 1,500 pounds or fifteen percent, whichever is greater, of the start year fishable IFQ pounds for an IFQ permit, may be transferred from IFQ to GAF



Implementation Challenges:

- 1) Mismatch of units of measurement (QS units versus pounds of IFQ)
- 2) Mismatch of application (regulations applied to the individual versus regulations applied at an IPHC regulatory Area)

Summary points:

- A sliding cumulative transfer restriction could be created
- Complex, not done in any other aspect of the IFQ program
- Council could also consider cumulative impacts of RQE and GAF and create static area-wide transfer restrictions for both programs



| <i>.</i> | 10710000 | | | | | | | |
|-------------------|---|--|--|--|--|--|--|--|
| Alt 2. | | onal Quota Entity (RQE) as a qualified entity to purchase and hold commercial y the guided halibut sector | | | | | | |
| Element 1. | Number of entities | | | | | | | |
| | Option 1. | Two entities, one for each IPHC Regulatory Area 2C and 3A | | | | | | |
| | Option 2. | One entity with two area quota pools, Area 2C and Area 3A | | | | | | |
| Element 2. | Restrictions on transfers. Two-way transfers are allowed. Quota class and block designation are retained if the quota is transferred back to the commercial sector. | | | | | | | |
| | (Options below are r | not mutually exclusive) | | | | | | |
| | Option 1. | No restrictions | | | | | | |
| | Option 2. | Annual limit on transfers to the RQE in each regulatory area (Area 2C and 3A) of 1% - 5% of commercial QS units in each area (2015) | | | | | | |
| | Option 3. | Total (cumulative) limit on amount held by RQE by regulatory area (Area 2C and 3A) | | | | | | |
| | Sub-option 1. | 5% - 20% of any commercial QS based on 2015 | | | | | | |
| | Sub-option 2. | 5% - 20% of each class of QS based on 2015 | | | | | | |
| | Option 4. | Restrictions on RQE quota share purchases (in either or both areas) | | | | | | |
| | Sub-option 1. | Restrict purchase of D class quota share (limits selected under Option 2 and 3 are calculated using excluding D class QS) | | | | | | |
| | Sub-option 2. | Restrict purchase of blocked QS by class that equates to ($\leq 1,500$ lb or $\leq 2,000$ lb in 2016 lb) | | | | | | |
| <u>Lienent J.</u> | year as the basis to the catch sharing pla year. This estimated | arter management measures. Use RQE quota share holdings as of October 1 each estimate IFQ pounds to add to the estimated guided recreational allocation under an for the upcoming year. This amount must be maintained for the following fishing a combined allocation would be used to recommend the guided recreational harvest lowing year. The procedural process steps and timeline would remain unchanged. | | | | | | |
| | Option 1. | Restrictions on RQE quota share purchases (in either or both areas) | | | | | | |
| | Sub-option 1. | Equally to all catcher vessel QS holders which hold not more than 1,500 to 3,000 pounds in 2016 pounds (by area, proportional to QS holdings) | | | | | | |
| | Sub-option 2. | Equally to all catcher vessel QS holders (by area, proportional to QS holdings) | | | | | | |
| | Sub-option 3. | CQEs actively participating in Area 2C/Area 3A | | | | | | |
| | Sub-option 4. | Unallocated RQE IFQ would not be allocated (left in the water) | | | | | | |
| Element 4. | Limit on use of RQE | funds. RQE funds are limited in their use to acquisition of commercial halibut quota; r halibut permits; halibut conservation/research; promotion of the halibut resource; | | | | | | |
| Element 5. | RQE Organizational Structure. The RQE shall consist of a board of seven people and shall include the following: 4 CHP holders, 1 commercial halibut quota share holder, 1 community representative (not a holder of a CHP or commercial QS), and Commissioner of Alaska Department of Fish and Game, or designee. | | | | | | | |
| | Option 1. | A representative of the Alaska Department of Revenue shall sit as an ex-officion member of the RQE board. | | | | | | |
| | Option 2. | RQE board terms shall be for [Options: 3 or 5 years]. | | | | | | |
| | Option 3. | The RQE shall hold no less than two board meetings annually. | | | | | | |
| | Option 4. | The RQE shall file an annual report detailing RQE activities during the prior year. | | | | | | |
| Alt 3. | RQE purchase of ch | arter halibut permits. The RQE shall be limited in the purchase of charter halibut 10% - 30%] of the permits in each area. | | | | | | |