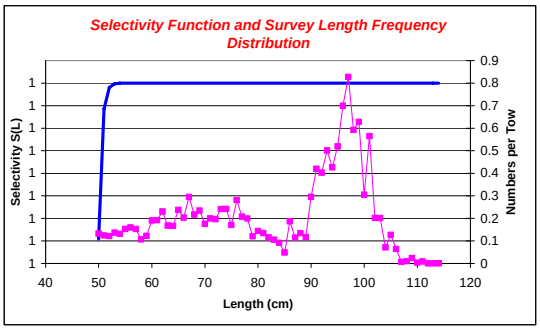
APPENDIX B2. Commercial selectivity for landings, dicards, and recreational.

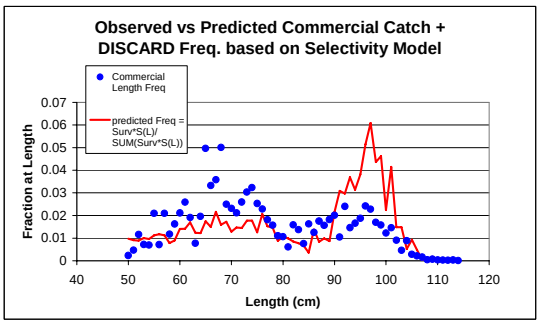
Females:

FEMALES, 3-yr Average, w/Discard 1984

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
62	-1.8	34.444

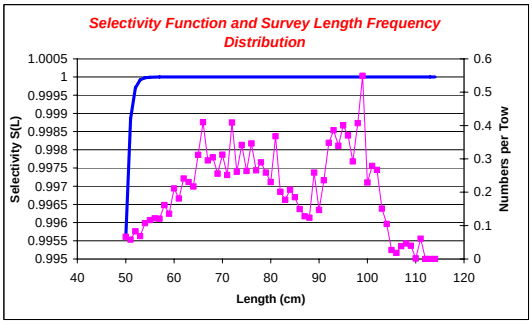


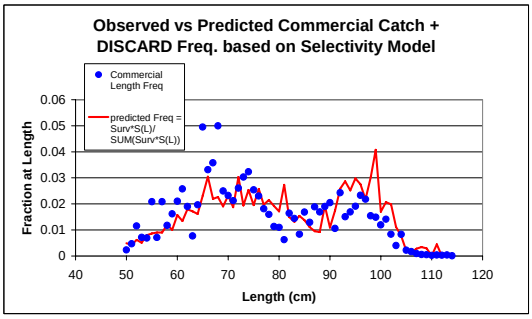


FEMALES, 3-yr Average, w/Discard 1985

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
62.14	-1.351	45.989

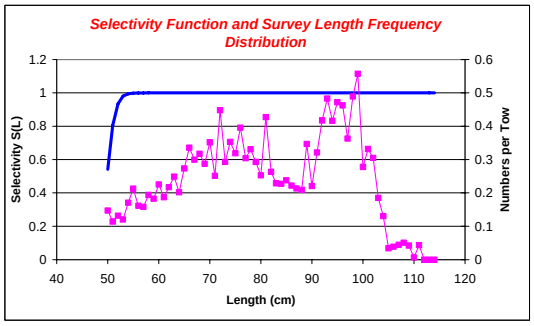


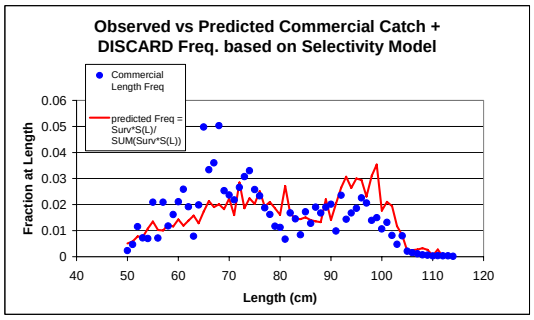


FEMALES, 3-yr Average, w/Discard 1986

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
62.14	-1.246	49.867

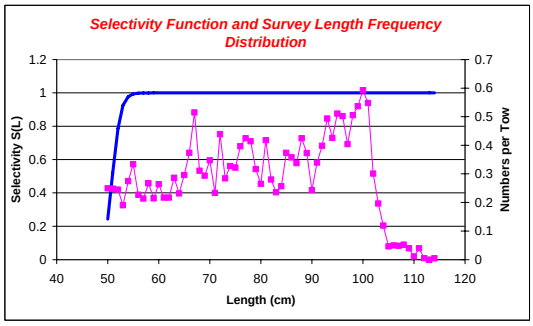


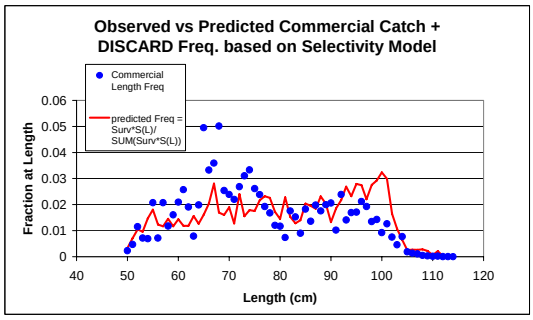


FEMALES, 3-yr Average, w/Discard 1987

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
62.14	-1.22	50.931

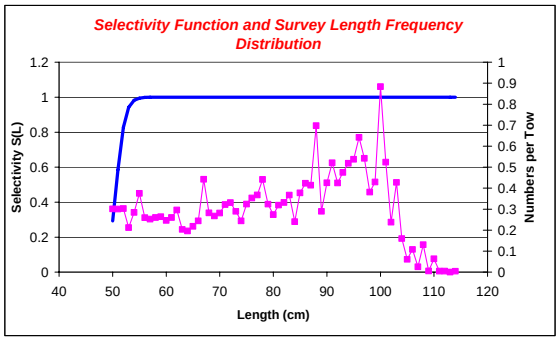


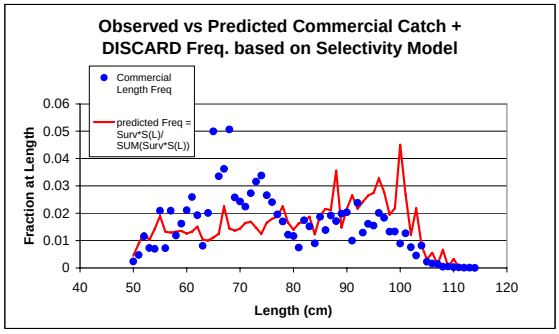


FEMALES, 3-yr Average, w/Discard 1988

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
62.14	-1.225	50.72

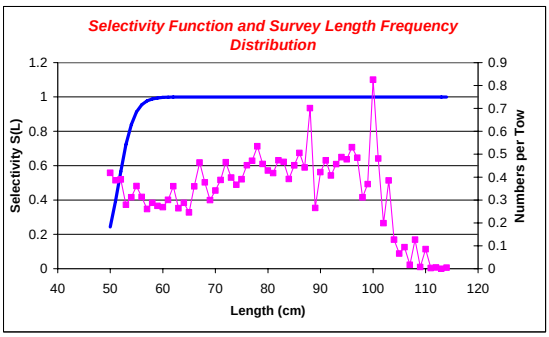


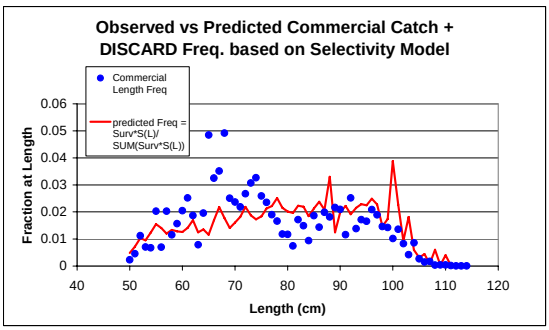


FEMALES, 3-yr Average, w/Discard 1989

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
36	-0.697	51.625

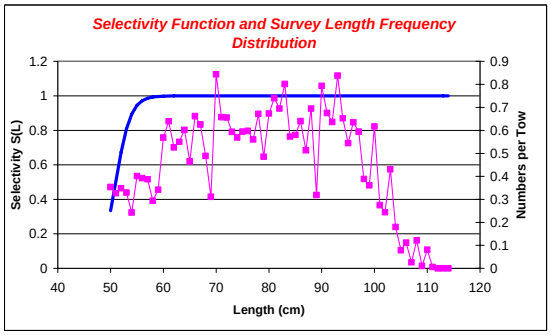


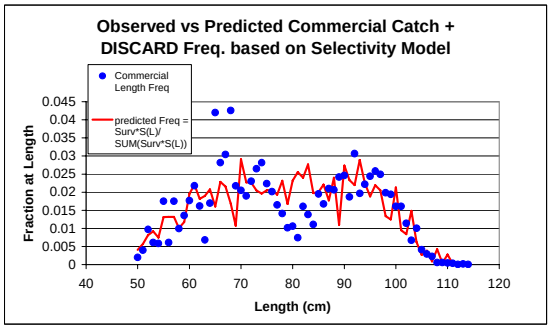


FEMALES, 3-yr Average, w/Discard 1990

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
36	-0.706	50.97

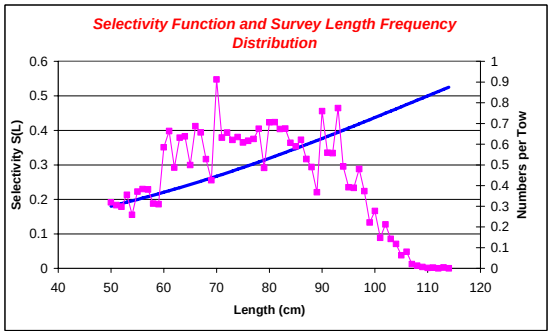


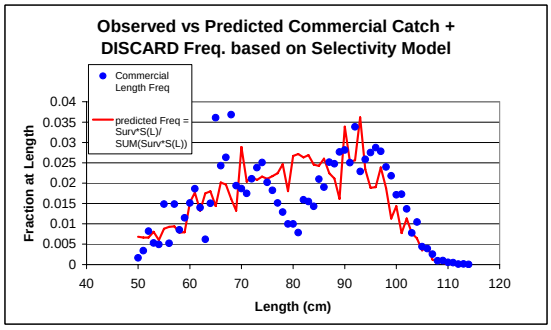


FEMALES, 3-yr Average, w/Discard 1991

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
2.777	-0.025	110

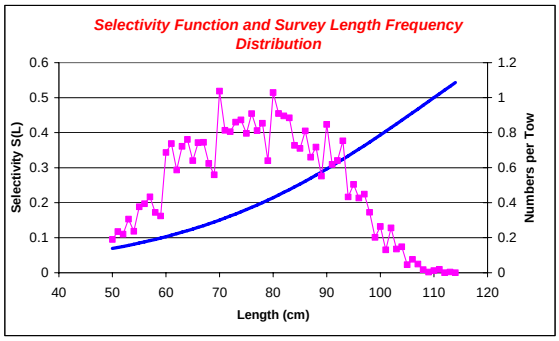


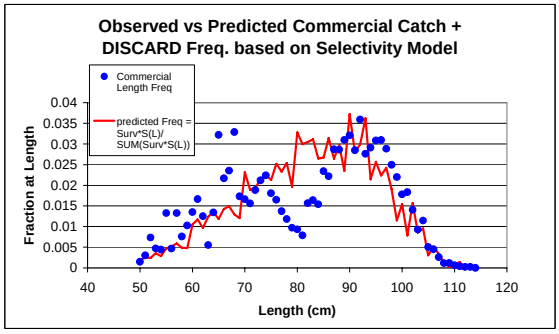


FEMALES, 3-yr Average, w/Discard 1992

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
4.762	-0.043	110

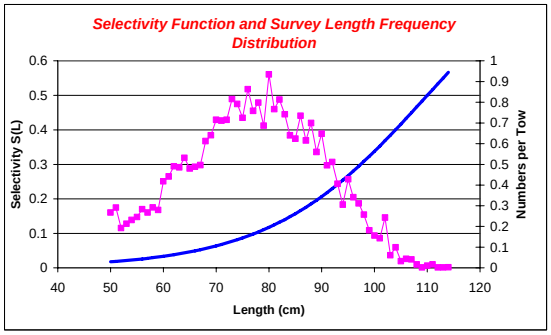


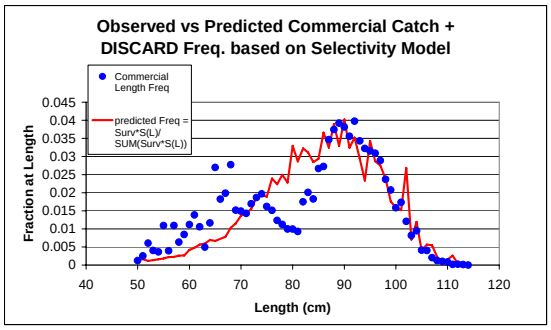


FEMALES, 3-yr Average, w/Discard 1993

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
7.397	-0.067	110

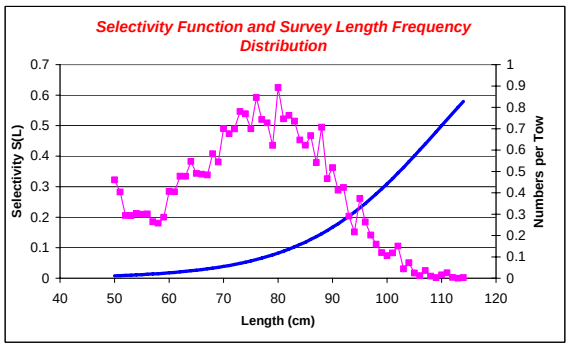


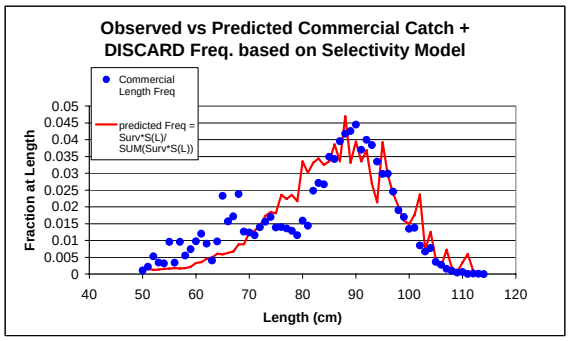


FEMALES, 3-yr Average, w/Discard 1994

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
8.831	-0.08	110

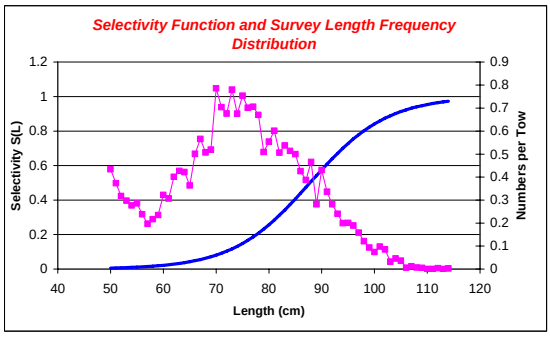


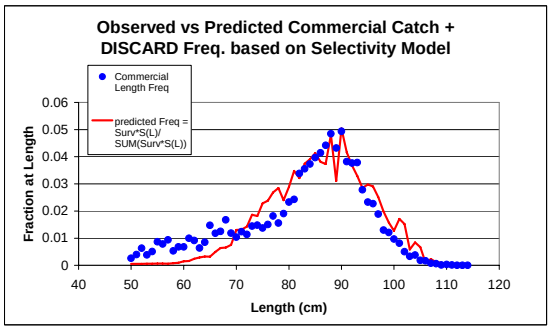


FEMALES, 3-yr Average, w/Discard 1995

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
11.99	-0.137	87.777

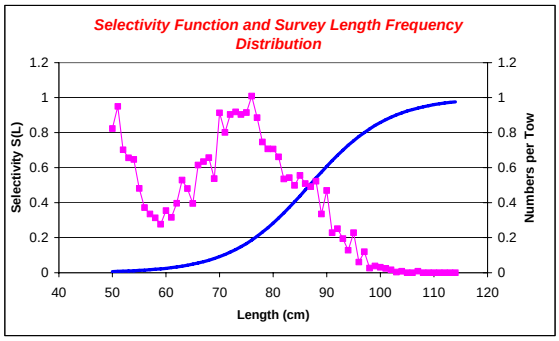


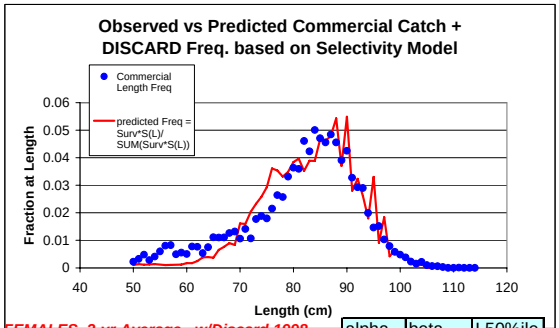


FEMALES, 3-yr Average, w/Discard 1996

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
11.85	-0.137	86.794

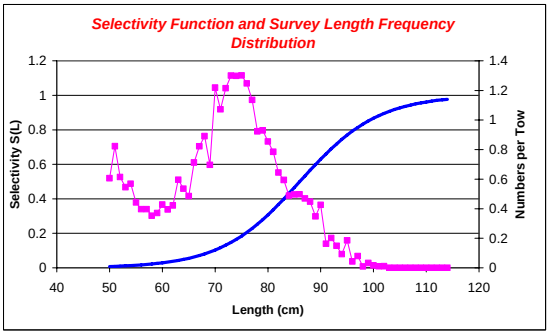


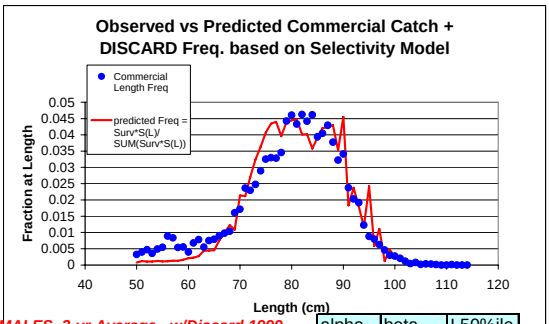


FEMALES, 3-yr Average, w/Discard 1997

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
11.59	-0.135	86.043

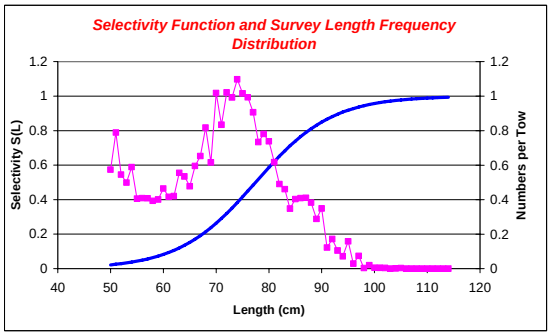


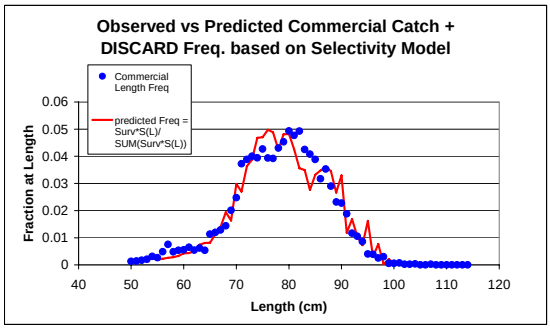


FEMALES, 3-yr Average, w/Discard 1998

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
10.69	-0.138	77.449

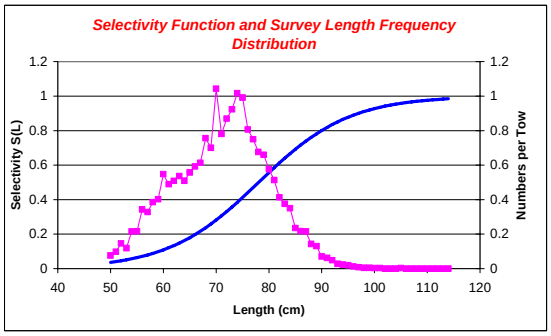


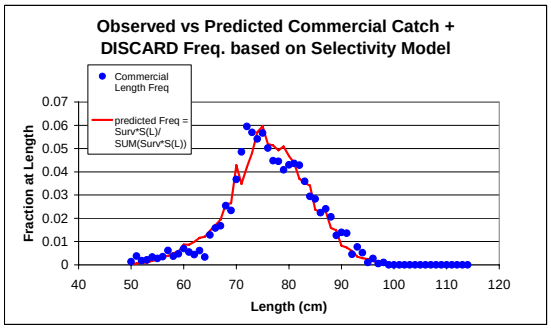


FEMALES, 3-yr Average, w/Discard 1999

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
9.083	-0.116	78.042

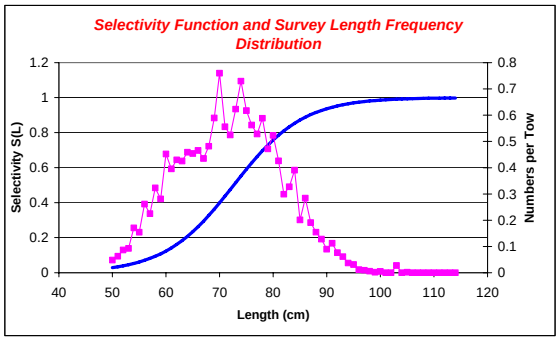


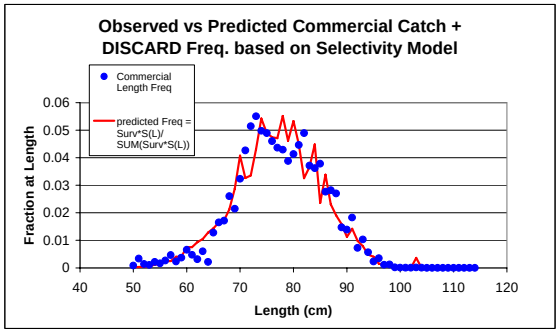


FEMALES, 3-yr Average, w/Discard 2000

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
11.27	-0.155	72.628

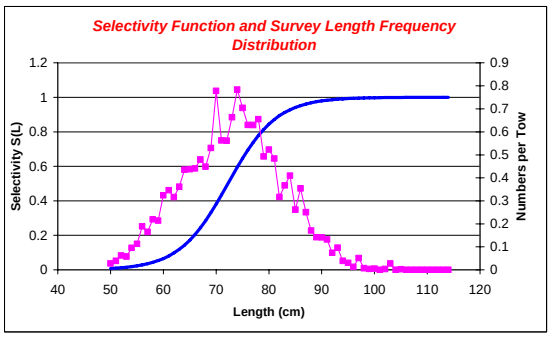


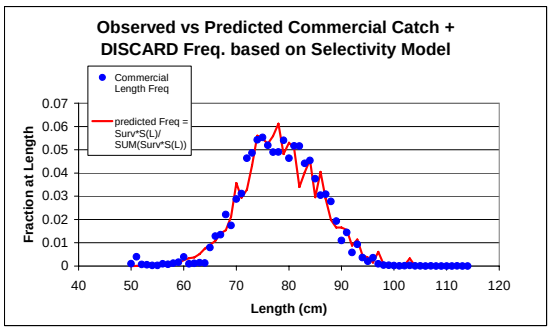


FEMALES, 3-yr Average, w/Discard 2001

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
15.72	-0.218	72.219

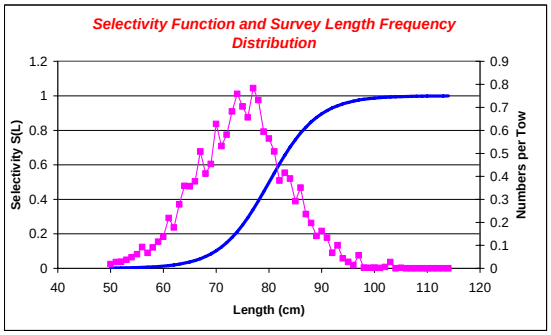


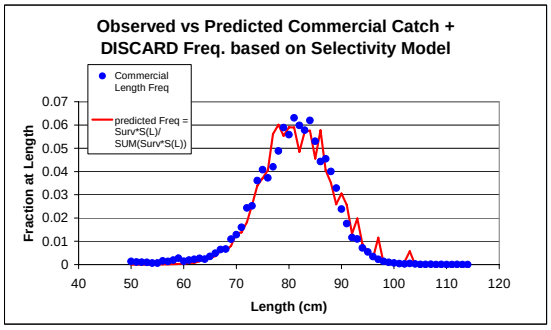


FEMALES, 3-yr Average, w/Discard 2002

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
17.34	-0.217	80.036

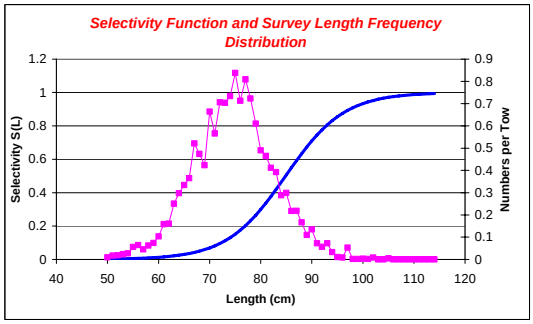


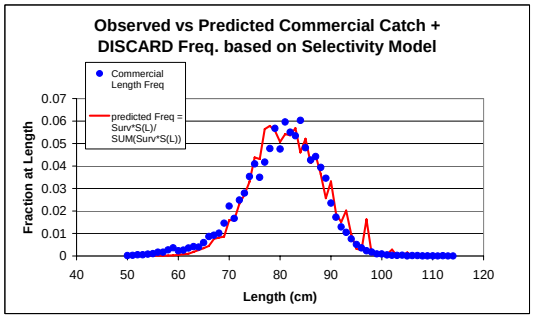


FEMALES, 3-yr Average, w/Discard 2003

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
14.83	-0.175	84.859

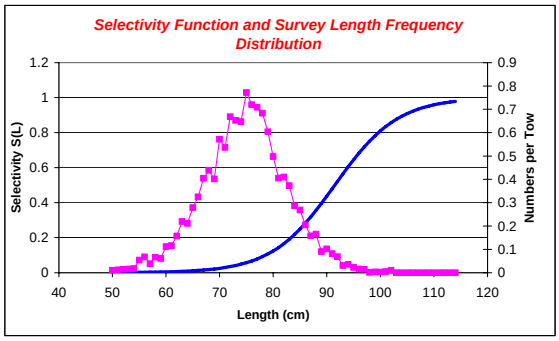


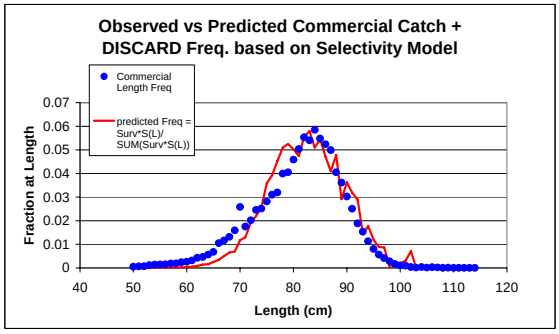


FEMALES, 3-yr Average, w/Discard 2004

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
15.57	-0.17	91.478

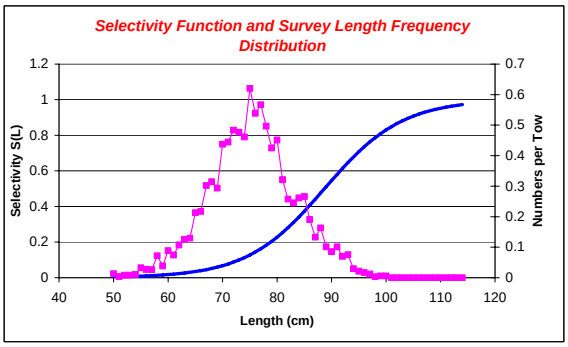


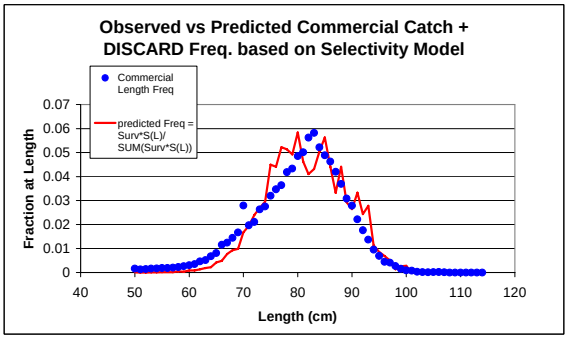


FEMALES, 3-yr Average, w/Discard 2005

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
12.45	-0.14	88.691



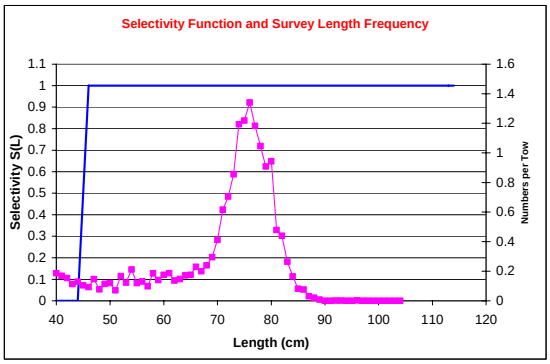


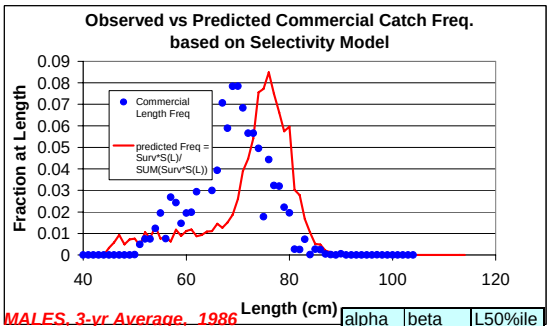
Males:

MALES, 3-yr Average, 1984

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
720.2	-16	45

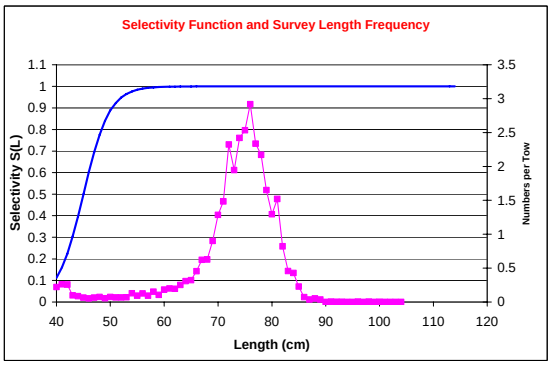


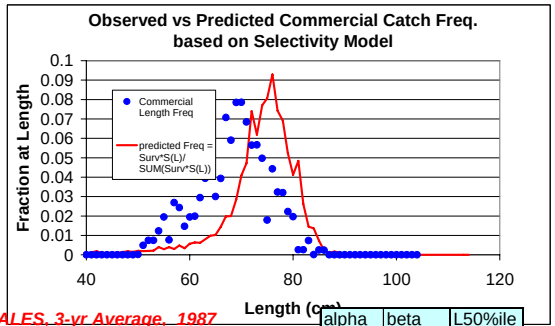


MALES, 3-yr Average, 1985

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
18.65	-0.414	45

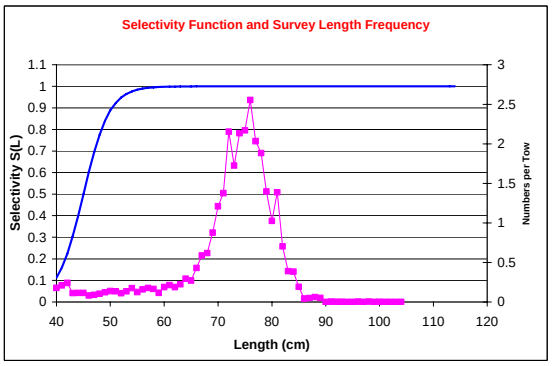


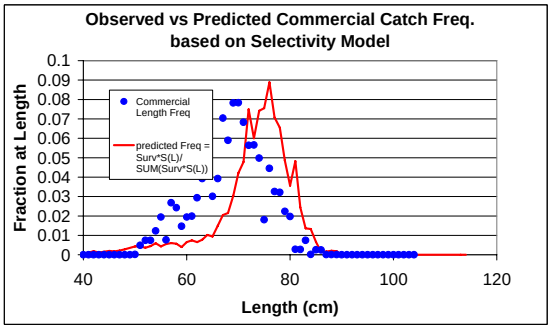


MALES, 3-yr Average, 1986

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
18.65	-0.414	45

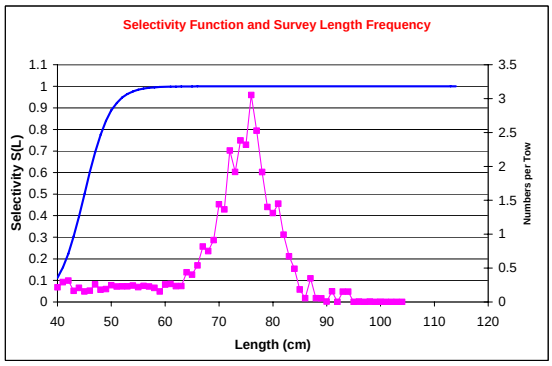


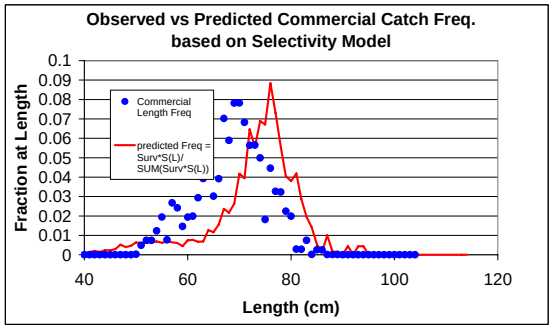


MALES, 3-yr Average, 1987

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
18.65	-0.414	45

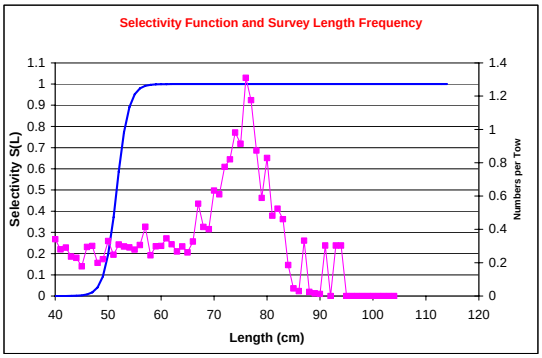


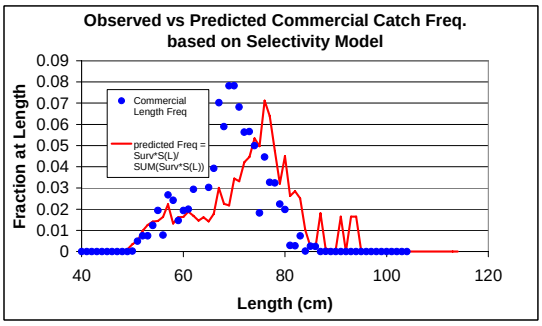


MALES, 3-yr Average, 1988

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
45.27	-0.877	51.601

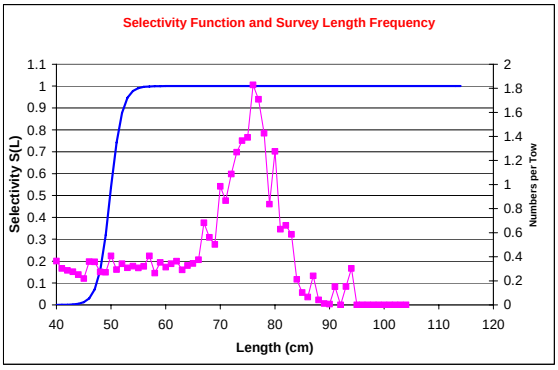


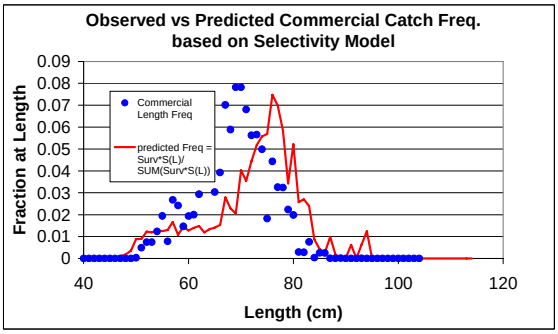


MALES, 3-yr Average, 1989

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
45.26	-0.908	49.836

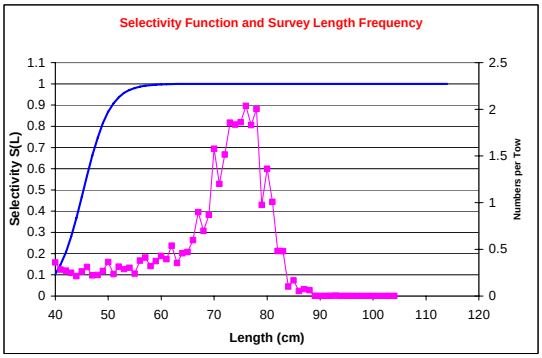


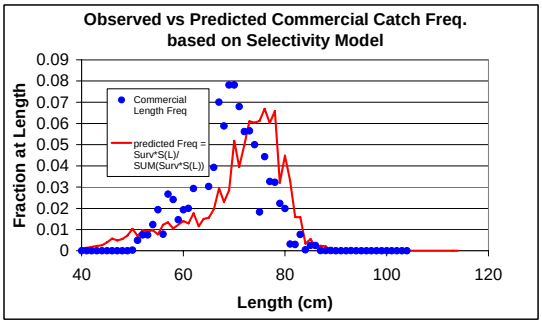


MALES, 3-yr Average, 1990

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
18.34	-0.405	45.332

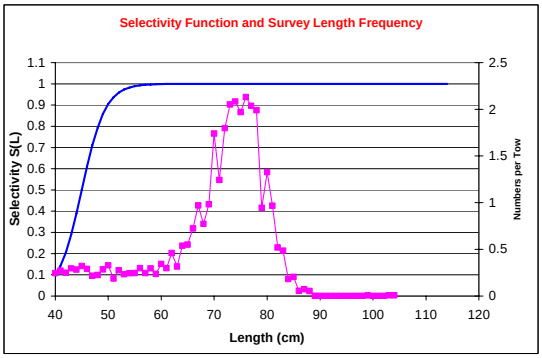


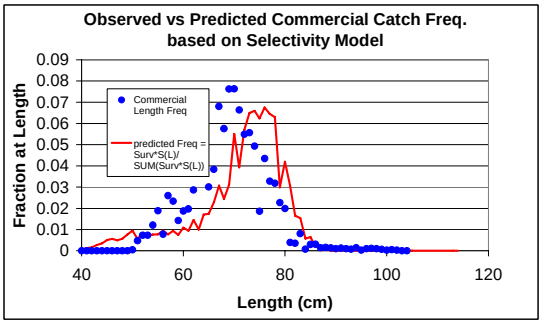


MALES, 3-yr Average, 1991

model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
20.25	-0.45	45

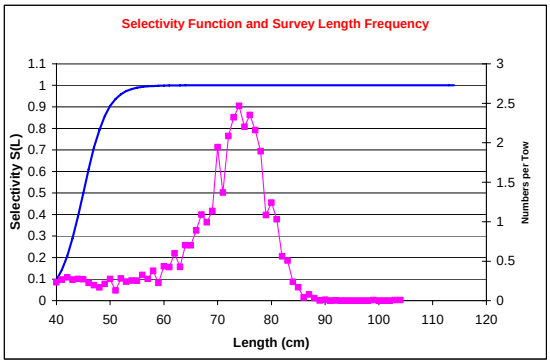


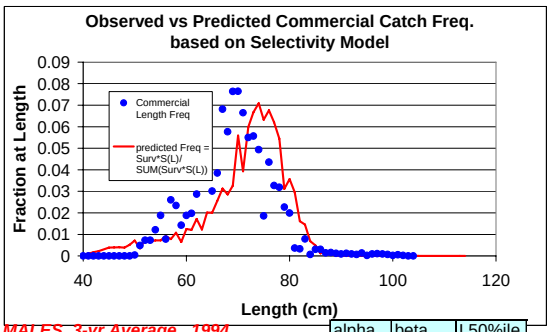


MALES, 3-yr Average, 1992

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
20.25	-0.45	45

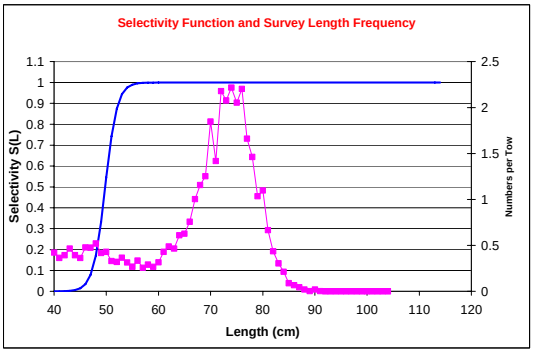


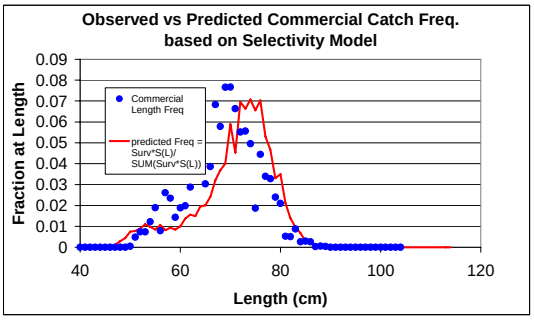


MALES, 3-yr Average, 1994

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
43.75	-0.879	49.793

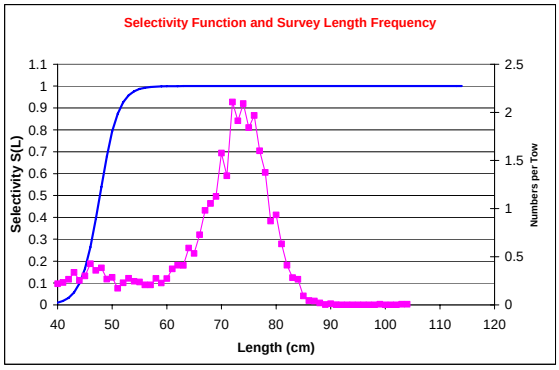


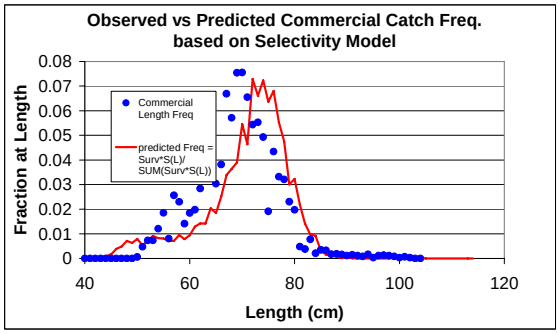


MALES, 3-yr Average, 1993

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
28.32	-0.593	47.732

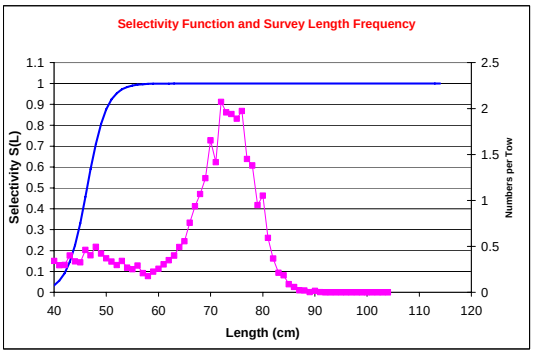


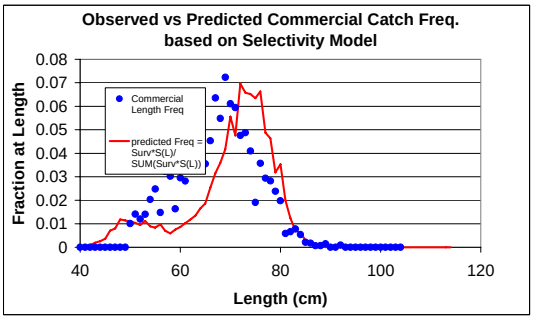


MALES, 3-yr Average, 1995

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
24.67	-0.533	46.319

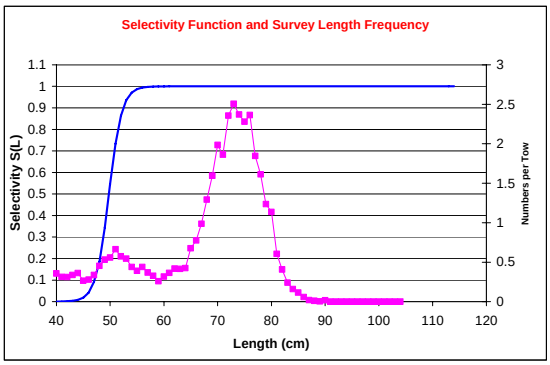


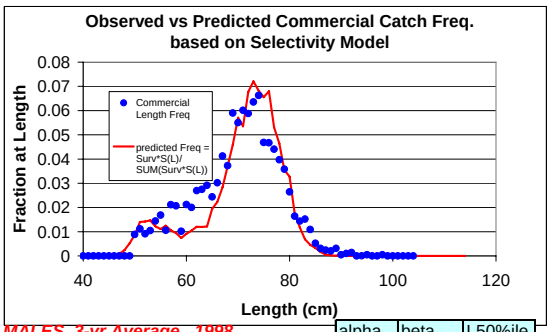


MALES, 3-yr Average, 1996

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
41.27	-0.829	49.776

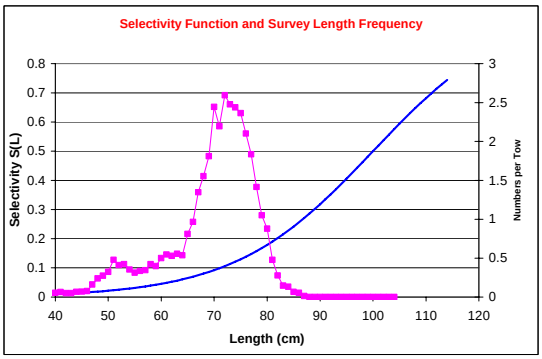


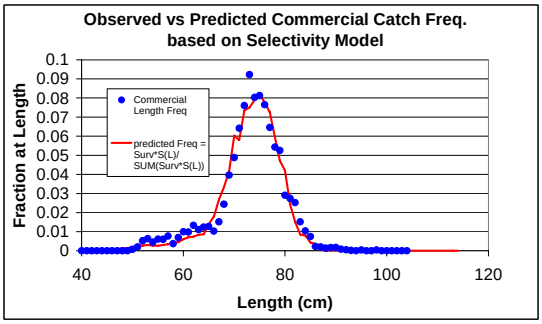


MALES, 3-yr Average, 1998

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
7.626	-0.076	100

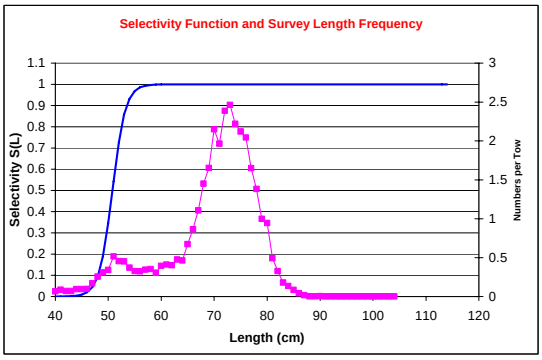


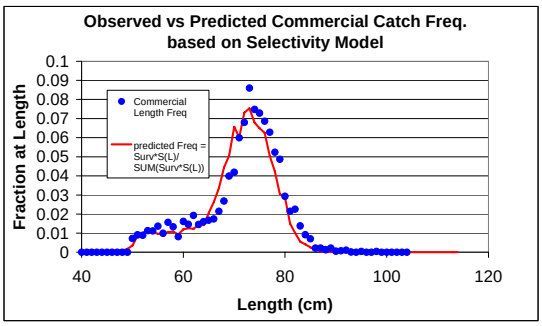


MALES, 3-yr Average, 1997

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
41.27	-0.812	50.792

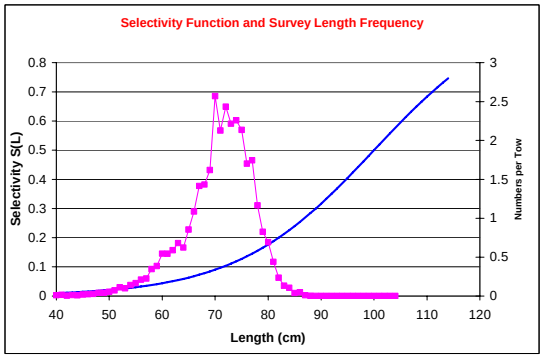


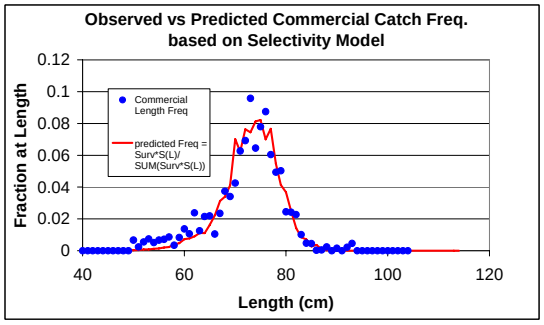


MALES, 3-yr Average, 1999

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
7.699	-0.077	100

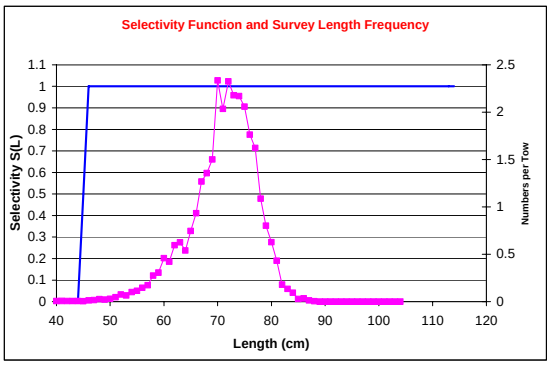


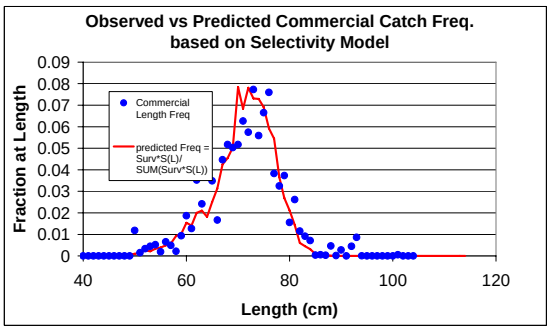


MALES, 3-yr Average, 2000

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
760.7	-16.9	45

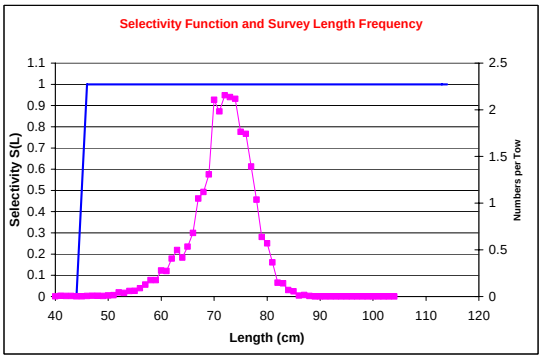


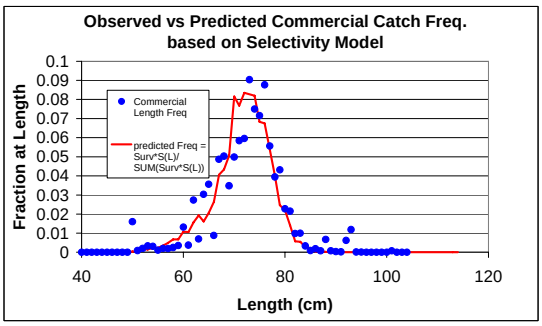


MALES, 3-yr Average, 2001

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
549.4	-12.21	45

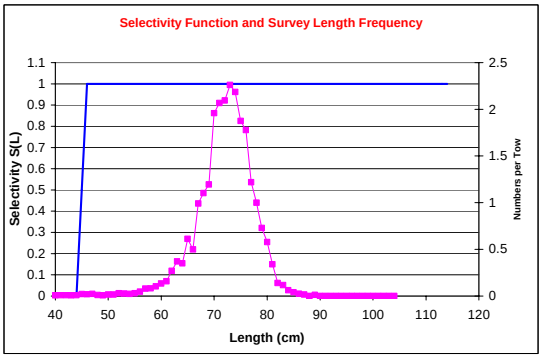


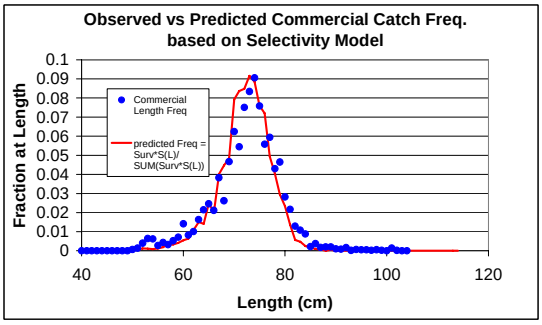


MALES, 3-yr Average, 2002

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
549.4	-12.21	45

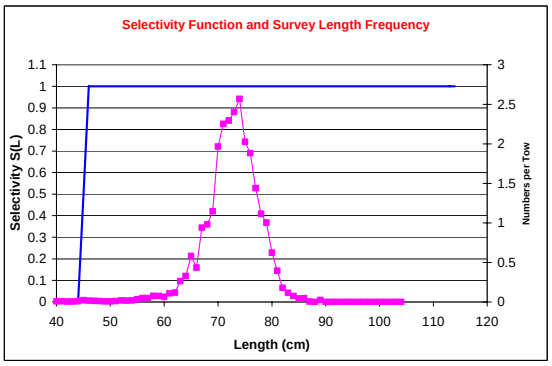


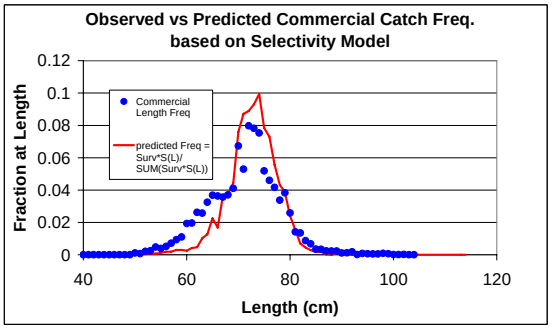


MALES, 3-yr Average, 2003

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
547.4	-12.16	45

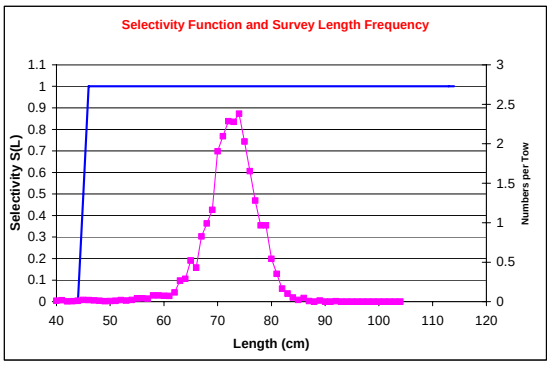


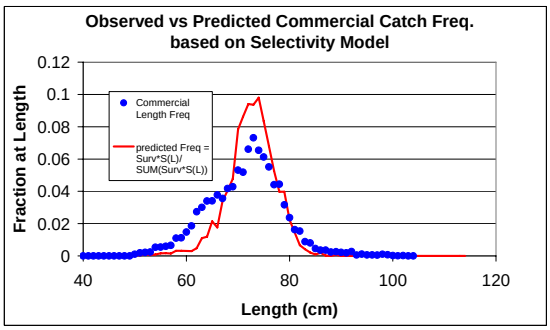


MALES, 3-yr Average, 2004

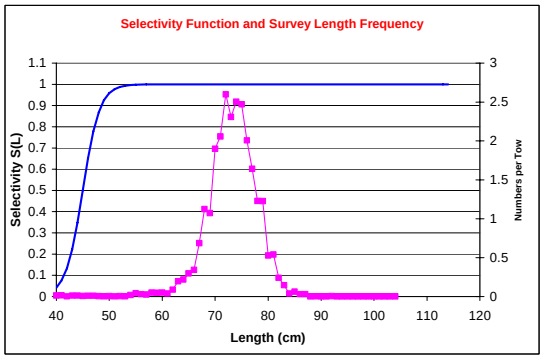
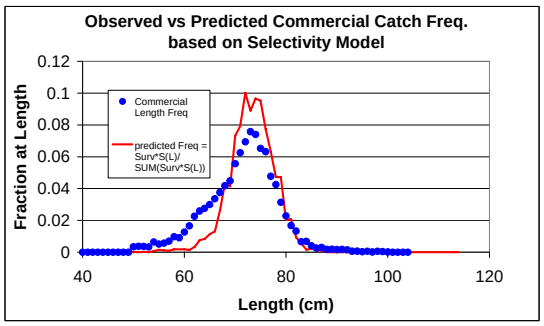
- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
548	-12.18	45





MALES, 3-yr Average, 2005

- model: S(L) = 1/(1+exp(alpha+beta * L))

alpha	beta	L50%ile
28.23	-0.627	45