

# **FW 29 Alternatives**

## **SAMS model runs**

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# Base run – Open F = 0.48

3 trips to Mid-Atlantic Access Area (ET+HCS)

1 trip to NLS access area

1 trip to CA-II South + CA-II Extension

NLS-Extension and Delmarva are open areas

Delmarva is assumed to be fished normally

Open area F is 0.48

# Base run – Open F = 0.4

Same as before, except Open F = 0.4

3 trips to Mid-Atlantic Access Area (ET+HCS)

1 trip to NLS access area

1 trip to CA-II South + CA-II Extension

NLS-Extension and Delmarva are open areas

Delmarva is assumed to be fished normally

Open area F is **0.40**

## Base run – Open $F = 0.36$

Same as before, except although Delmarva is open, it is assumed to be not fished, and the target  $F$  outside of Delmarva is set at 0.36

3 trips to Mid-Atlantic Access Area (ET+HCS)

1 trip to NLS access area

1 trip to CA-II South + CA-II Extension

NLS-Extension and Delmarva are open areas

Delmarva is assumed to not be fished

**Open area  $F$  outside of Delmarva is 0.36**

# PDT run #1

NLS-North is closed in 2018, but there is an access trip in NLS-South + NLS-Extension area. Open area F outside of Delmarva is 0.4, Delmarva is assumed to be not fished

3 trips to Mid-Atlantic Access Area (ET+HCS)

1 trip to NLS access area South+NLS-Ext

NLS Access North is closed

1 trip to CA-II South + CA-II Extension

Delmarva is part of the open areas

Delmarva is assumed to not be fished

**Open area F outside of Delmarva is 0.4**

## PDT run #2

NLS-North is closed in 2018, but there is an access trip in NLS-South. NLS-Extension is assumed open. Open area F outside of Delmarva is 0.4, Delmarva is assumed to be not fished

3 trips to Mid-Atlantic Access Area (ET+HCS)

1 trip to NLS access area South

NLS Access North is closed

1 trip to CA-II South + CA-II Extension

Delmarva and NLS-Ext are open areas

Delmarva is assumed to not be fished

**Open area F outside of Delmarva is 0.4**

# No Action

What would occur if the council/agency did not implement FW-29

1 trips to Mid-Atlantic Access Area  
(ET+HCS+Delmarva)

Georges Access Areas are closed, including NLS-Ext  
and CA-II Ext

21.75 open area DAS

# Status Quo

Continuation of FW-28 policies

2 trips to Mid-Atlantic Access Area  
(ET+HCS+Delmarva)

1 trip to NLS access area

1 trip to CA-II South

NLS-Ext and CA-II Ext are closed

$F = 0.44$  in open areas

# Rules for 2019-2032

Open area  $F = 0.48$

MA Access Areas fished at 0.45 in 2019, 0.55 in 2020, and then become open areas.

GB access areas fished at 0.25 for all years past 2020;  $F$  in 2019 depends on scenario

EFH areas remain closed (except in EFH runs)

While the actual policies in the future may be somewhat different than these assumptions, their main purpose here is to play out the consequences of the FW-29 decision over time in a consistent way.

# Will the Peter Pan Scallops Grow Up?

Substantial growth of the “Peter Pan” scallops in the southern portion of NLS was observed in surveys this year

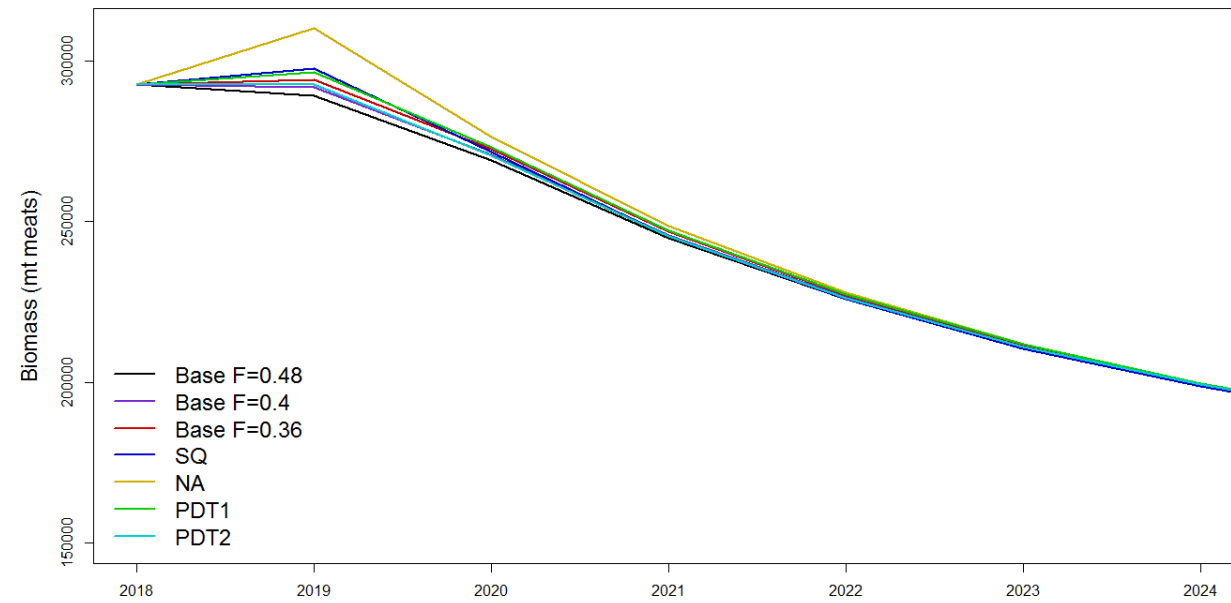
Typical scallop was a little less than 80 mm this summer

Assumed asymptotic size of these scallops has been revised upward to 110 mm, which is fishable size.

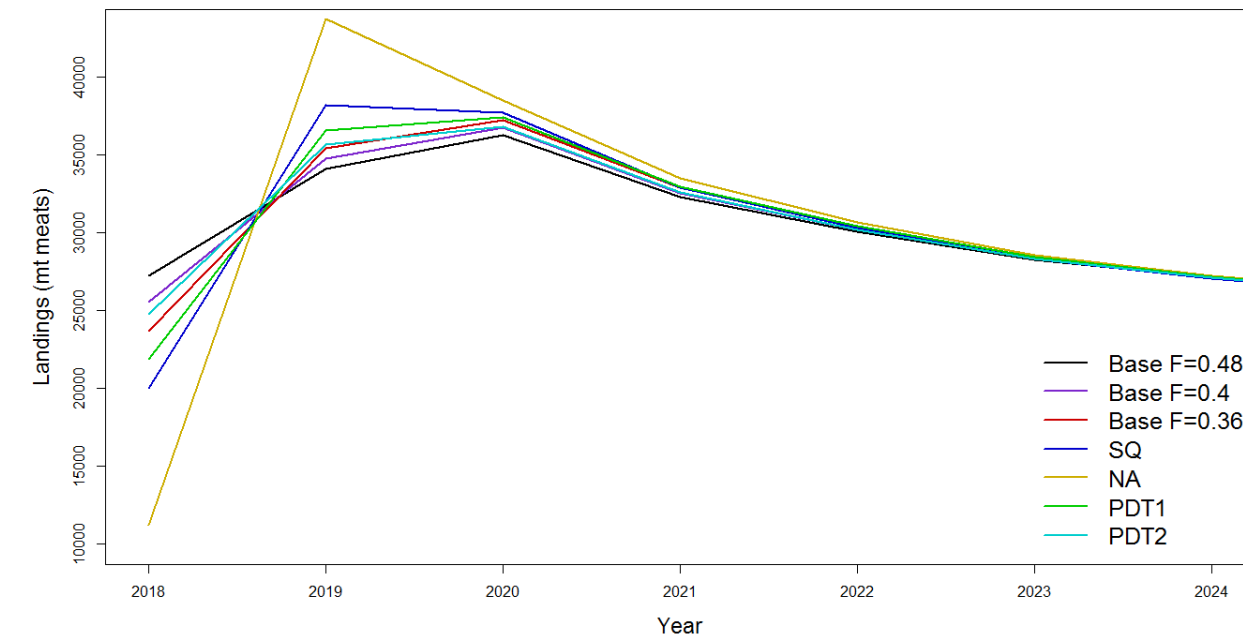
Confidence in this assumption is low

Based on this assumption, the SAMS model estimates that more than 10 million lbs of meats can be harvested from this area in each year from 2019-2021. In 2019, they would be a mix of 20-30s and 30-40s

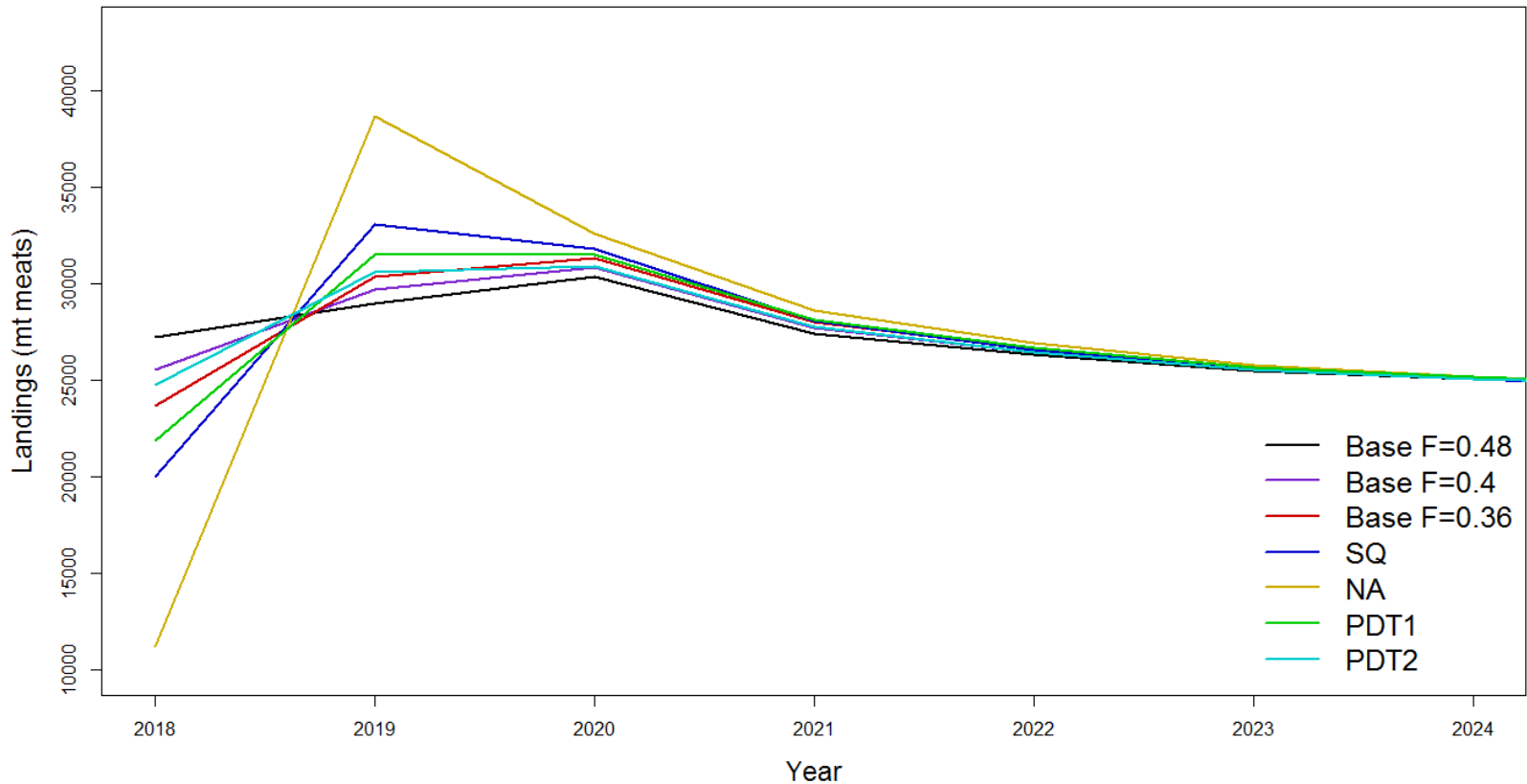
This may or may not happen. Also, because of nematodes, landings from Delmarva and Elephant Trunk may be overstated



Projected Biomass



Projected Landings



Projected Landings assuming no landings  
from Peter Pan scallops

But nematodes issues are ignored

# EFH Access Run #1

Assumes that NLS and CA-I EFH areas will be fished in 2018 and years beyond

2 trips to Mid-Atlantic Access Area (ET+HCS)

2 trips to NLS EFH + access area South

NLS Access North and CA-II are closed

1 trip + carryover to CA-I (EFH)

Delmarva, CL-II Ext, NLS-Ext are open areas

Delmarva is assumed to not be fished

**Open area F outside of Delmarva is 0.4**

## EFH Access Run #2

Same as EFH Access Run #1 except there are three trips to MA Access, with a commensurate reduction in open area DAS

3 trips to Mid-Atlantic Access Area (ET+HCS)

2 trips to NLS EFH + access area South

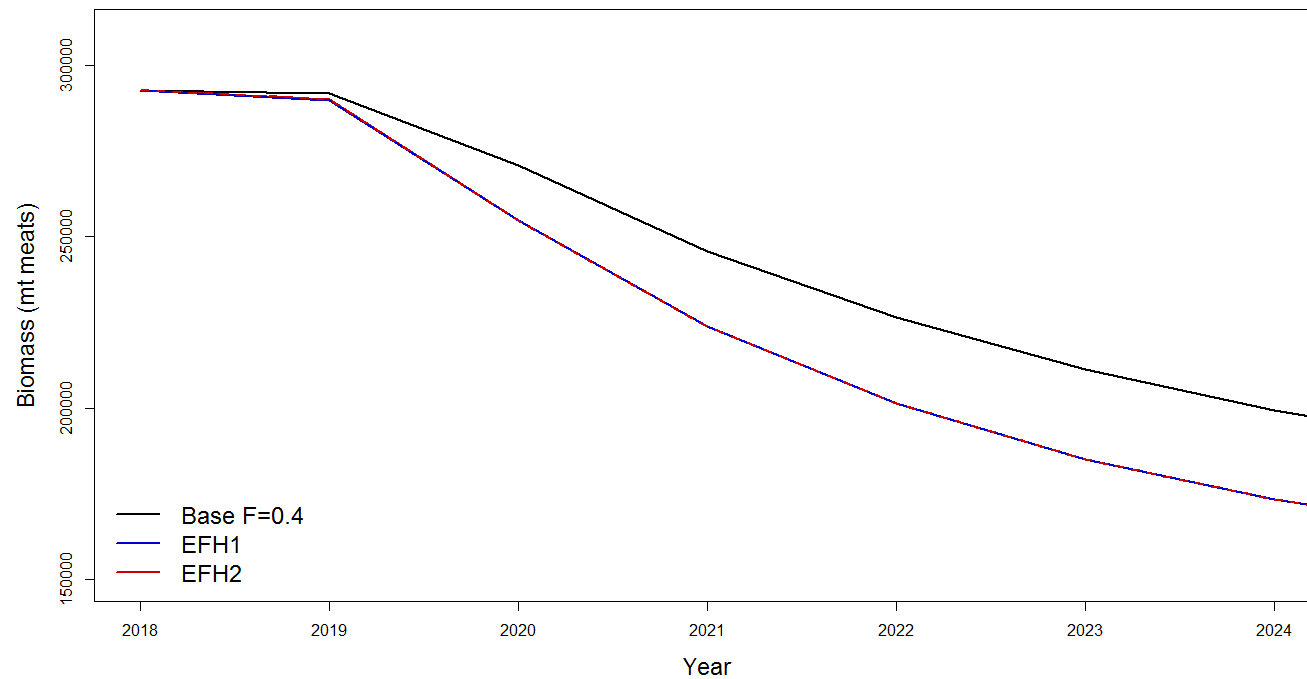
NLS Access North and CA-II are closed

1 trip + carryover to CA-I (EFH)

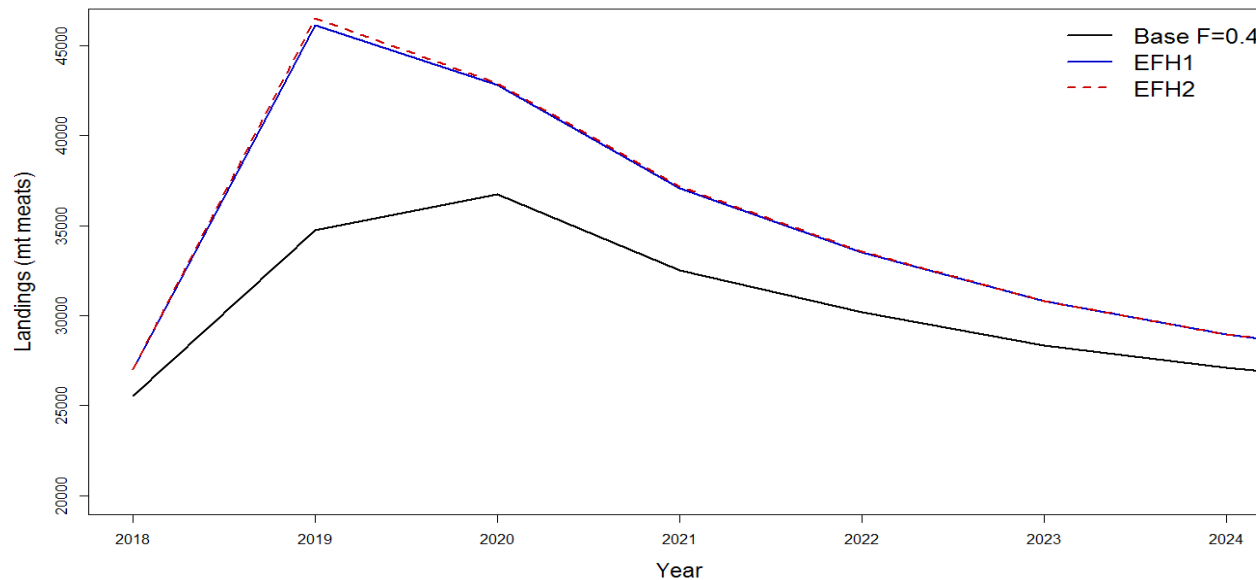
Delmarva, CL-II Ext, NLS-Ext are open areas

Delmarva is assumed to not be fished

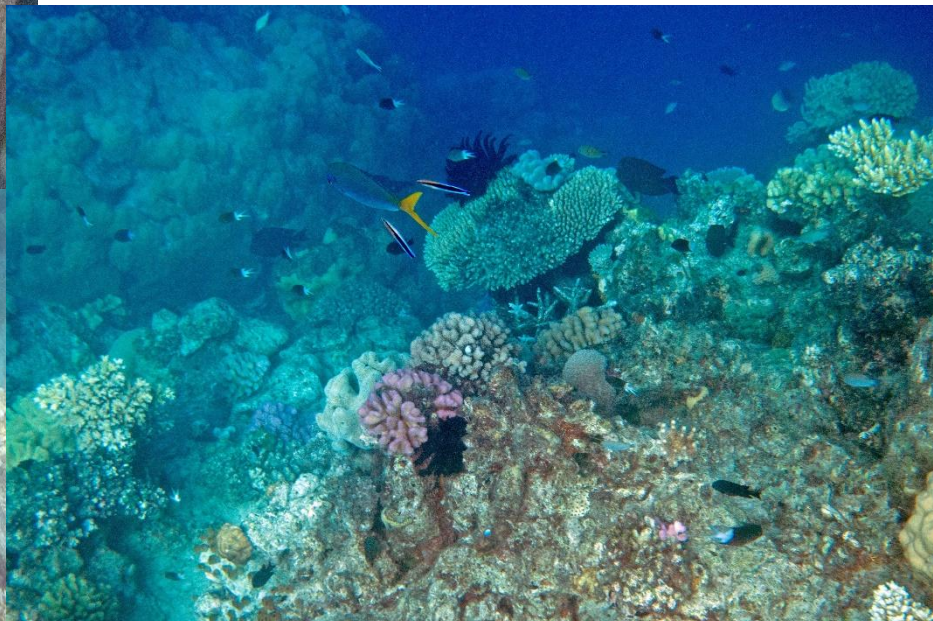
Open area F outside of Delmarva is 0.295



Projected  
Biomass



Projected  
Landings



**Thank you!**