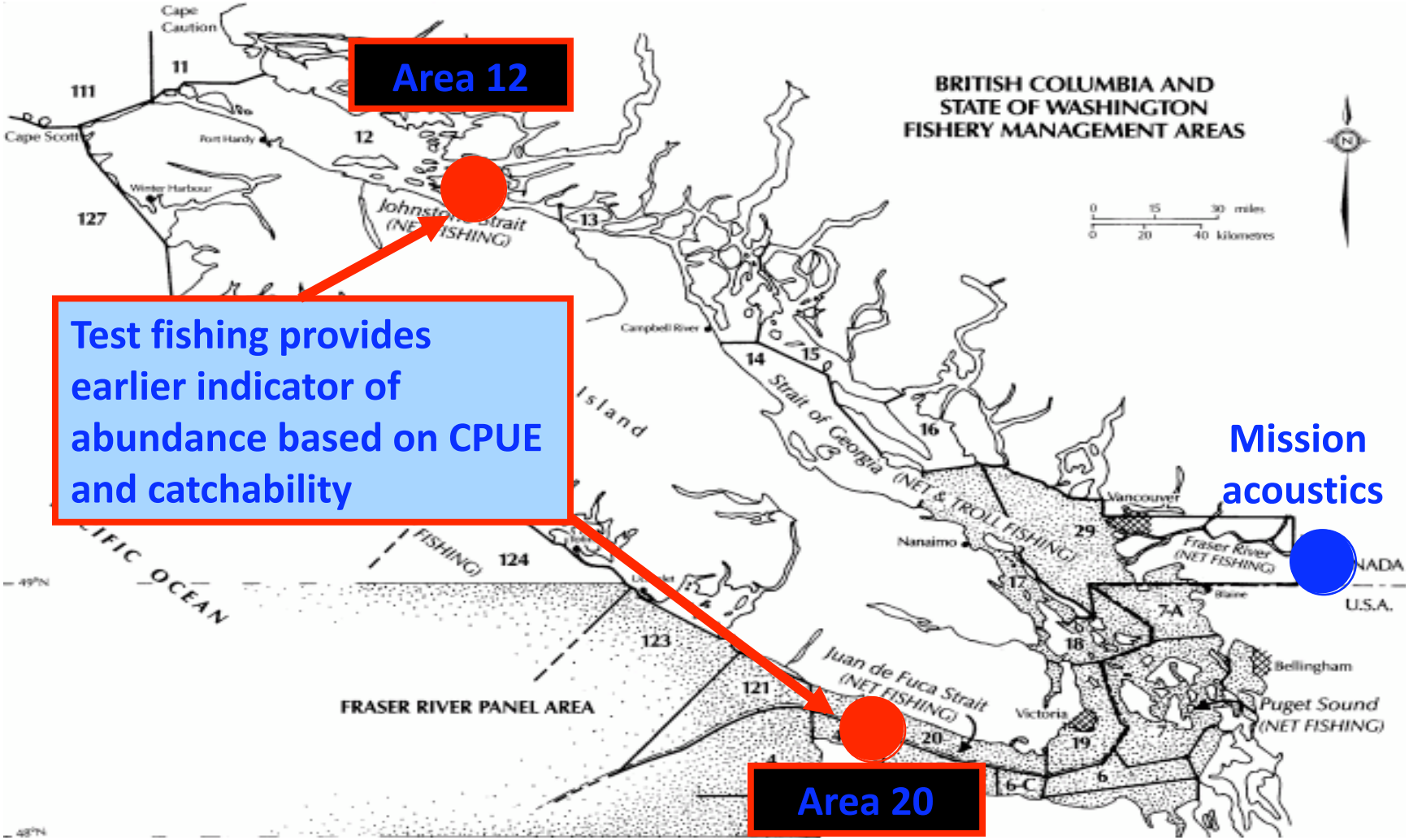
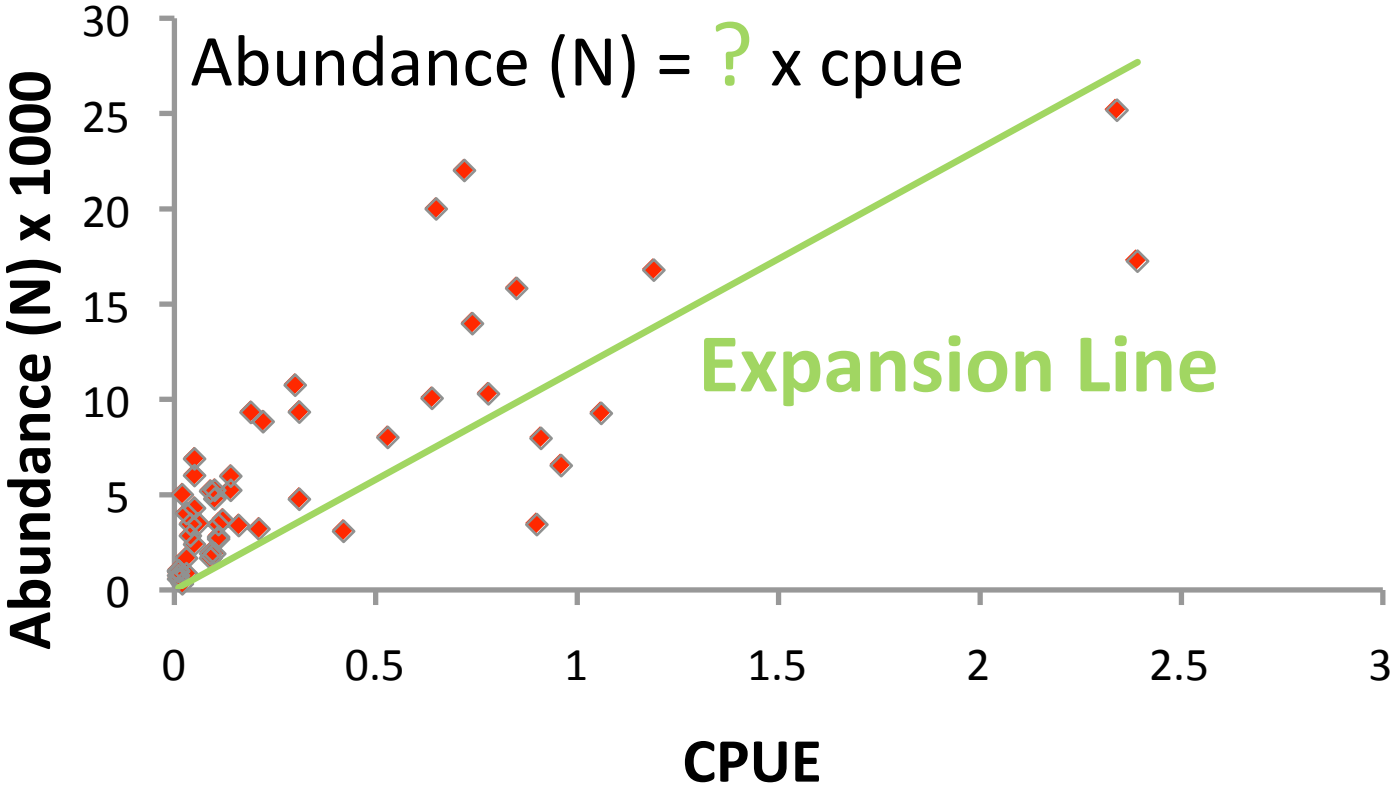
Purse seine test fisheries in area 12 and 20 allow to look 6 days ahead



‘Expand’ cpue data to abundance estimates

- Expansion line indicates how efficient the test fishery is at catching the available salmon
- Larger expansion lines indicate less efficient fisheries



Marine test fishery data used in assessment

Early Stuart

- Gillnet test fishery data from area 20

Early Summers

- Gillnet test fishery data from area 12 and 20

Summers

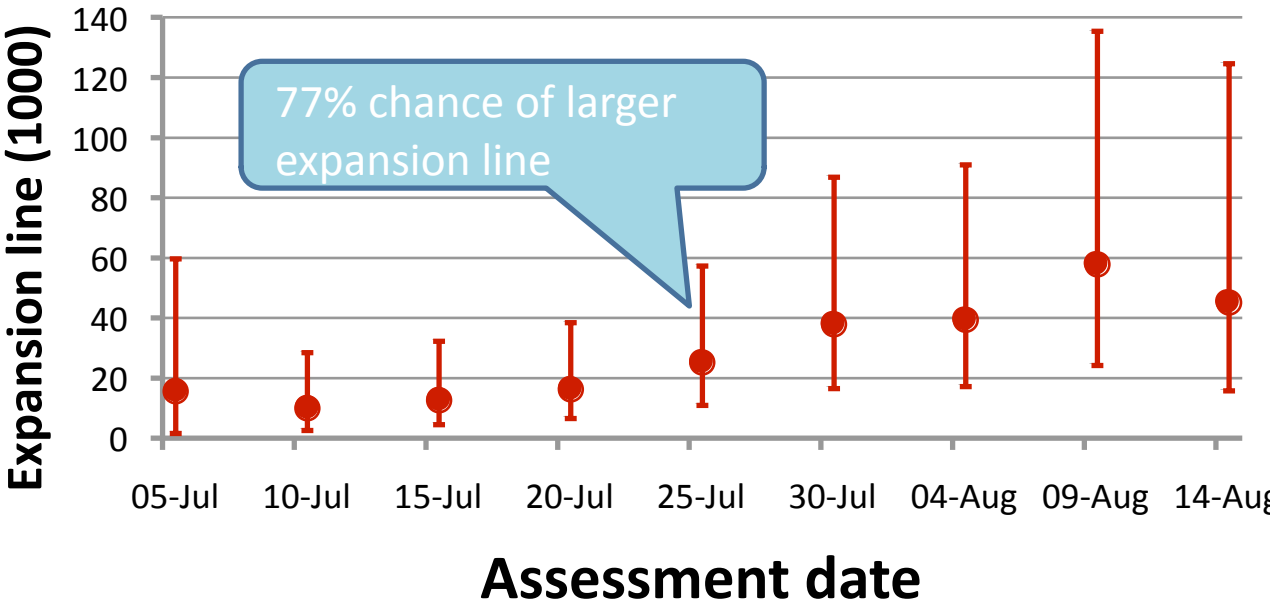
- Gillnet test fishery data from area 12 and 20
- Purse seine test fishery data from area 12, 13 and 20

Late Run

- Purse seine test fishery data from area 12, 13 and 20
- Gulf Troll test fishery

Expansion line of the marine gillnet test fishery

- Estimate the Expansion line assuming area 12 and area 20 test fisheries are equally efficient at catching fish
- Is there evidence of a change in efficiency as the season progresses?



1.To provide salmon catch and effort information for analysis of stock or stock group run timing [and abundance].
2.Estimation of diversion rate for integration into abundance estimation or other assessment models.
3.To provide species composition (salmon catch) information to be used for proportioning daily estimates of passage from the Hydroacoustics Program into migration by salmon species.
4.To provide other biological information as required, including fish health, endocrinology, physiology and radio tagging of salmon.
5.To provide a platform for the collection of oceanographic and limnological information, including physical, chemical, weather and other pertinent information as required.
6.Assessment of by-catch impacts on other species or stocks.
7.To provide information on stock composition and age-at-return, including DNA, sex, length and scales.