

Annotated AGENDA
for

**ABC Stakeholders meeting 2010:
Projects status, update on selection & the future for economically important traits**

sponsored by
Aquaculture Genetics and Breeding Technology Center
Virginia Institute of Marine Science
held at
VIMS, Waterman's Hall, classroom A/B

February 5, 2011

09:00 Introductions
What's in the field?

An unabridged list of ABC projects in the field, the lessons they have provided and/or the lessons we expect them to provide, as well as their potential commercial impact.

09:30 Commercial Grow-out Assessment

A new outreach program for testing our lines involving commercial growers will be described. In general, how do we get commercial grow out data back to the breeding program?

09:50 SLOT, 2010 selection, & discussion

"Super Lines On Test" is how we keep track of our lines. Selection is made in about 18 months, which will be shown. But SLOT runs for 24, informing how the lines fare longer term.

10:30 Status on licensing

Last season was the first in which we licensed out lines for commercial use. An accounting of these revenues will be briefly discussed.

10:40 Coffee break

11:00 Graduate student projects

- Erin Schramski

- Stephanie Reiner

Using our "family" deployments, Erin is examining the relationship between level of disease resistance and fecundity.

Stephanie is looking at variables associated with rearing *C. virginica* larvae in flow through, high density culture.

- Brian Callam

Brian will take the lead on a new National Sea Grant project to investigate the effect that the female (diploid) parent has on triploid performance.

12:00 Oyster Aquaculture Training Program

This year we will run the third consecutive year iteration of OAT. A brief description of the program, potential training opportunities for industry, and a look at its future will be discussed.

12:15 Lunch

Grab some grub on us.

13:00 Economic weights

ABC is now in its second "phase," defined by our mass selection program concentrating on growth, which also allows distribution of brood stock to hatcheries. Future breeding should focus more directly on traits of economic importance. We discuss this approach using an example taken from the Australian breeding program.

13:45 2010 ABC hatchery season summary

This section may be of primary interest to hatchery operators – last year, we ran a "Hatchery Debrief" meeting in the Fall following a particularly gnarly season. This year was better. We offer our 2010 experience in our hatchery for your review, and seek your input.