

Hanne Digre
Sintef
Norway

Effective catch handling systems for cod, haddock and Saithe

*Hanne Digre, Bendik Toldnes, Ulf Erikson, John Reidar Mathiassen and Leif Grimsmo
SINTEF Fisheries and Aquaculture, Norway; Hanne.Digre@sintef.no*

Gentle and effective catch handling systems are crucial for keeping the initial fish quality. Effective catch handling systems on-board including transfer from fishing gear to vessel, live fish handling, stunning, bleeding and sorting systems will be focused in this presentation.

The ultimate goal is to bring the fish on-board alive and keep it alive until bled and gutted. The reason for this is that a fish that has been dead for more than 30 minutes will not bleed properly, and the initial high fish quality will therefore be lost. However, a prerequisite for more alive fish on-board are gentle and efficient capture and first handling. Stunning of alive catch will allow more rapid bleeding, gutting and rinsing of the fish. Electrical stunning has been identified as a fast and efficient method to render fish unconscious and insensible.

SINTEF Fisheries and Aquaculture are involved in several projects focusing on developing novel on board catch handling systems safeguarding the initial fish quality as well as the fishermen's HSE. Results from these projects will be presented.