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Prediction of Time-Temperature Profiles of Atlantic *salar*) during Chilled Transport Using the MAILPROF Program

[Cesarettin ALASALVAR](#)¹⁾, [Paul NESVADBA](#)²⁾, [Man LIU](#)³⁾, [Pet](#)
and [Alastair R. ALLEN](#)³⁾

1) *School of Applied Science and Technology, Food Research (Lincolnshire and Humberside*

2) *The Robert Gordon University, Food Science and Technology School of Applied Sciences*

3) *Department of Engineering, University of Aberdeen*

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The MAILPROF computer program for constant ambient temperature generalized to accept varying ambient temperatures (V-Model) by solution of the appropriate differential equation. The time-temperature

salmon with frozen gel pads or flake ice (3:1 ratio by mass) inside a (expanded polystyrene) box at varying ambient temperatures were compared with the measured temperatures. The predicted fish temperature correlated well with the measured fish temperatures when fish and used and no significant differences ($p>0.05$) were observed between Model can be used to predict the quantity of cooling gel or ice needed below 8°C in transport at constant and varying ambient temperature profiles of smoked salmon packaged with cooling gel in transit by miniature data loggers and also predicted by the C and V differences ($p>0.05$) were found between the measured and predicted temperatures.

Keywords: [MAILPROF computer program](#), [time-temperature profiles of gutted salmon](#), [smoked salmon](#), [cooling gel](#)

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