

## ICR(14)4

### *Terms of Reference for an IASRB Telemetry Workshop*

In light of the recommendations from the Board's Telemetry Sub-Group, SAG(14)4, the IASRB has resolved to support and facilitate the development of an international telemetry programme. The objective of this programme is:

- to monitor the progress of salmon from NAC and NEAC rivers along their migration routes to and from the marine feeding areas; and
- to estimate stage and area specific mortality rates of these salmon during the marine phase of their lifecycle, including the transition from the freshwater to the marine environment.

In order to proceed with the development of this programme, the IASRB has decided to convene a two and a half day workshop, to be held at a venue in Europe in November or December 2014, with the following Terms of Reference:

- Develop an inventory of ongoing and planned marine telemetry studies on Atlantic salmon;
- Develop an inventory of ongoing and planned telemetry studies on other species in the areas of the North Atlantic frequented by salmon;
- Develop an inventory of the current (temporary and permanent) and planned location of acoustic receiver deployments in the areas of the North Atlantic frequented by salmon;
- Recommend areas where collaborative programmes are most likely to provide the best partitioned estimates of mortality of emigrating post-smolts from multiple rivers with an outline of the scale and cost of such studies;
- Identify strategic partners, including tag manufacturers, that may assist with implementation of proposed new activities;
- Advise on appropriate linkages with existing or planned ocean tracking programmes, both on the high seas and near shore / in estuaries;
- Explore options for tagging adult salmon in the sea and recommend areas where programmes are most likely to provide estimates of mortality;
- Establish one or more Steering Committees to develop more detailed plans for co-ordinated telemetry studies in selected areas and to seek funding.

The Co-Convenors of the workshop will be Mr Ted Potter (EU) and Mr Tim Sheehan (US) who will work with the NASCO Secretary in making arrangements for the workshop and in inviting participation *inter alia* from leaders of key research groups that would participate in an international programme. The IASRB has agreed to make available a sum of up to £12,000 to cover the cost of the meeting facilities and reimbursement of reasonable travel and subsistence costs for invited participants as determined by the Co-Convenors and NASCO Secretary in consultation with the SAG. A report of the workshop will be made available to the Board as soon as practicable.