streamers get too close to one another, the bird's control surfaces may become entangled with neighboring streamers. In still another instance, a wing of the bird may be damaged (e.g., broken) and thus, the bird may start to spin. In this situation, although the operator may be aware of the damaged bird, he or she can do nothing to minimize the disturbance created by this bird.

[0010] Furthermore, there are instances in which the streamers need to be cleaned while deployed underwater to remove bio-fouling settlement that accumulates on their exterior surface. The cleaning devices used on the streamers are negatively impacted by the bird's control surfaces extending away from the streamer, which prevents the cleaning devices to pass over the bird's location. Therefore, cleaning devices have to be manually repositioned.

[0011] Accordingly, it would be desirable to provide birds and methods that avoid the afore-described problems related to the control surfaces.

SUMMARY

[0012] A bird having one or more foldable wings ~~is~~may be easier to recover and may benefit from the wing being foldable in various situations occurring during a marine seismic survey (e.g., when the towing speed decreases, when marine growth gets attached to the wing, etc.).

[0013] According to one exemplary embodiment, there is a bird for a streamer or a source of a marine seismic survey system. The bird has a body configured to be attached to the streamer or the source, and a first wing connected to the body and having an active surface used to control depth and/or lateral position of the body. The first wing is configured to be ~~switched~~ changed between an operational state in

which the active surface is extended away from the body, and a folded state in which the active surface is folded close to the body.

[0014] According to another exemplary embodiment, there is a marine seismic survey system including a streamer or a source configured to be towed through ~~a water~~ fluid, and a bird connected to the streamer or the source. The bird has a body configured to be attached to the streamer or the source, and a first wing connected to the body and having an active surface configured to control depth and/or lateral position of the body. The first wing is configured to be ~~switched~~ changed between an operational state in which the active surface is extended away from the body, and a folded state in which the active surface is folded close to the body.

[0015] According to another exemplary embodiment, there is a method for steering a streamer or a source towed through ~~water~~ a fluid. The method includes connecting a bird having a foldable wing to the streamer or the source, and actuating the foldable wing to change from a folded state in which the foldable wing is folded to an operational state in which the foldable wing is extended. The method further includes using the bird to adjust a depth and/or lateral position of the streamer or the source.

BRIEF DESCRIPTION OF THE DRAWINGS

[0016] The accompanying drawings, which are incorporated in and constitute a part of the specification, illustrate one or more embodiments and, together with the description, explain these embodiments. In the drawings:

[0017] Figure 1 is a schematic diagram of a marine seismic survey system;