WHAT IS CLAIMED IS:

1. A streamer connecting module (317) for connecting two streamer sections, the streamer connecting module (317) comprising:

a housing (319) extending along a longitudinal axis (L) so that first and second ends (319A, 319B) are opposite to each other;

a first streamer connecting part (330) fixedly attached at the first end (319A) of the housing (319);

a second streamer connecting part (340) fixedly attached at the second end (319B) of the housing (319);

first plural balls (333A) located between the first streamer connecting part (330) and the first end (319A) of the housing (319); and

a first conduit formed at an interface between the first streamer connecting part and the first end of the housing for accommodating the first plural balls; and

a first pin (360) inserted through a first hole (350) in the first end (319A) of the housing (319), the first pin extending inside the first conduit to prevent the first plural balls to rotate relative to the longitudinal axis.

2. The streamer connecting module of Claim 1, further comprising:

second plural balls (333B) located between the second streamer connecting part (340) and the second end (319B) of the housing (319); and

a second conduit formed at an interface between the second streamer connecting part and the second end of the housing for accommodating the second plural balls.

3. The streamer connecting module of Claim 2, further comprising:

a second pin inserted through a second hole in the second end of the housing, the second pin extending inside the second conduit to prevent the second plural balls to rotate relative to the longitudinal axis.

4. The streamer connecting module of any one of Claims 1 to 3, wherein the first streamer connecting part is a male part and the second streamer connecting part is a female part.

5. The streamer connecting module of any one of Claims 1 to 4, wherein the first streamer connecting part is configured to connect to a first streamer section and the second streamer connecting part is configured to connect to a second streamer section.

6. The streamer connecting module of any one of Claims 1 to 5, further comprising:

electronics located inside the housing and configured to process seismic data received from seismic sensors.

7. The streamer connecting module of any one of Claims 1 to 6, further comprising:

seals for preventing ambient water to enter inside the housing, wherein the seals are located between the housing and the first and second streamer connecting parts.

8. The streamer connecting module of any one of Claims 1 to 7, wherein there is no fastening nut between the first and second streamer connecting parts and the housing.

9. The streamer connecting module of any one of Claims 1 to 8, further comprising:

third plural balls (333C) located at an interface between the first streamer connecting part and a first streamer section.

10. The streamer connecting module of Claim 9, wherein the first streamer section is configured to rotate relative to the first streamer connecting part due to the third plural balls.

11. A streamer for acquiring seismic data in a marine environment, the streamer comprising

a first streamer section having plural first seismic sensors;

a second streamer section having plural second seismic sensors; and

a streamer connecting module (317) for connecting the first streamer section to the second streamer section,

wherein the streamer connecting module is according to any one of claims 1 to 10.

12. A method for assembling a streamer connecting module (317), the method comprising:

providing (502) a housing (319) extending along a longitudinal axis (L) so that first and second ends (319A, 319B) are opposite to each other, and a first streamer connecting part (330);

attaching (504) the first streamer connecting part (330) to the first end (319A) of the housing;

inserting (506) first plural balls (333A) inside a first conduit formed at an interface between the first streamer connecting part (330) and the first end (319A) of the housing (319); and

inserting (508) a first pin (360) into a first hole (350) in the first end (319A) of the housing, the first pin (360) extending inside the first conduit to prevent the first plural balls to rotate relative to the longitudinal axis.

13. The method of Claim 12, further comprising:

attaching a second streamer connecting part to the second end of the housing;

inserting second plural balls in a second conduit formed between the second streamer connecting part and the second end of the housing; and

inserting a second pin into a second hole in the second end of the housing, the second pin extending through the second conduit to prevent the second plural balls to rotate relative to the longitudinal axis.

14. The method of any one of Claims 12 to 13, further comprising:

connecting the first streamer connecting part to a first streamer section; and

connecting the second streamer connecting part to a second streamer section.

15. The method of any one of Claims 12 to 14, further comprising:

providing electronics inside an interior of the housing, wherein the electronics are configured to process seismic data received from seismic sensors.

16. The method of any one of Claims 12 to 15, wherein there is no fastening nut between the first streamer connecting part and the housing.

17. The method of any one of Claims 12 to 16, further comprising:

providing third plural balls (333C) at an interface between the first streamer connecting part and a first streamer section.

18. The method of Claim 17, wherein the first streamer section is configured to rotate relative to the first streamer connecting part due to the third plural balls.