Claims

1. A floater (3) for surrounding a tube (2) of a floating dredge pipe (1), characterized in that the circumference of the floater (3), seen in cross section in a central part of the floater (3), is a squircle.

2. A floating dredge pipe (1) comprising a tube (2) and a floater (3) in accordance with claim 1 surrounding said tube (2).

3. The floating pipe in accordance with claim 2, wherein the dimensions of the floating pipe (1) are designed to fit inside a 40-ft ISO container (4), having inner dimensions of 12,025 mm long, 2,352 mm wide and 2,393 mm high.

4. The floating pipe in accordance with claim 2 or 3, wherein the largest diameter, which is a diagonal of the floater (3), seen in cross section in a central part of the floating pipe (1), is between 2,353 mm and 3,354 mm, preferably between 2,500 mm and 3,354 mm, more preferably approximately 2,570 mm.

5. The floating pipe in accordance with claim 2, 3 or 4, wherein the smallest diameter, which is a width and/or height of the floater (3), seen in cross section in a central part of the floating pipe (1), is smaller than 2,352 mm, preferably between 2,150 mm and 2,350 mm, more preferably approximately 2,250 mm.

6. The floating pipe in accordance with any of the previous claims 2 - 5, wherein the circumference of the tube (2), seen in cross section in a central part of the floating pipe (1), is a circle.

7. The floating pipe in accordance with any of the previous claims 2 - 6, wherein the inner diameter of the tube (2) is between 800 mm and 1,500 mm, preferably between 1,000 mm and 1,200 mm, preferably approximately 1,100 mm.

8. The floating pipe in accordance with any of the previous claims 2 - 7, wherein the length of the pipe (2) is between 10,000 mm and 12,025 mm, preferably between 11,000 mm and 12,000 mm, more preferably approximately 11,800 mm.

9. The floating pipe in accordance with any of the previous claims 2 - 8, wherein the length of the floater (3) is between 8000 mm and 12,000 mm, preferably between 9,000 and 11,000, more preferably 10,500 mm.

10. The floating pipe in accordance with any of the previous claims 2 - 9, wherein the tube (2) is provided with flanges (21) at both outer ends which flanges (21) are arranged to releasably connect two adjacent tubes (2) to each other.

11. The floating pipe in accordance with any of the previous claims 2 - 10, wherein the tube (2) is made of a metal, such as steel, preferably Q345B steel.

12. The floating pipe in accordance with any of the previous claims 2 - 11, wherein the floater (3) comprises an interior body (33) made of a closed cell foam, such as foam 90.

13. The floating pipe in accordance with any of the previous claims 2 - 12, wherein the floater (3) comprises a outer cover (32) made of rubber, such as NR or SBR, which is preferably between 10 and 40 mm, preferably between 15 and 25 mm, more preferably approximately 20 mm thick.

14. The floating pipe in accordance with claims 12 and 13, wherein the floater (3) comprises an inner pipe (31) arranged around the tube (2), which inner pipe (31) is connected at its outer ends to the outer cover (32), and the interior body (33) is disposed between the inner pipe (31) and the outer cover (32).

15. The floating pipe in accordance with claim 14, wherein the inner pipe (31) is made of a metal, such as steel, preferably S235 steel.