CLAIMS:

1. A passenger service vehicle having an upper deck and a lower deck, and a passenger staircase extending between the upper deck and the lower deck, the staircase positioned, at the lower deck, between a driver's area and a passenger area, and positioned, at the upper deck, between a forward passenger area and a rearward passenger area, the staircase having at least an upper stair portion and a secondary stair portion, the upper stair portion being connected to the upper deck and comprising at least one tread, and being further connected to the secondary stair portion via an intermediate landing, wherein the upper deck extends for a length of the vehicle, and the secondary stair portion extends parallel with respect to the length of the upper deck, and the upper stair portion extends transversely with respect to the secondary stair portion,

the staircase being configured such that a recess is formed between the upper and secondary stair portions, the recess being configured to accommodate a passenger support extending along some or all of the secondary stair portion.

2. A passenger service vehicle according to claim 1, wherein the upper stair portion extends perpendicularly with respect to the length of the upper deck, and perpendicularly with respect to the secondary stair portion.

3. A passenger service vehicle according to claim 1 or 2, wherein the upper stair portion comprises only one tread.

4. A passenger service vehicle according to any of the claims 1 to 3, wherein the staircase comprise a lower stair portion connected to the lower deck, the lower stair portion comprising at least one tread and being connected to the secondary stair portion via a lower intermediate landing, the lower stair portion extending transversely with respect to the secondary stair portion.

5. A passenger service vehicle according to claim 4, wherein the lower stair portion extends perpendicularly with respect to the secondary stair portion, and perpendicularly with respect to the length of the lower deck.

6. A vehicle according to claim 4 or 5, wherein the upper, secondary and lower stair portions are configured together in a U-shape.

7. A vehicle according to any of the claims 4 to 6, wherein the upper, secondary and lower stair portions are configured to provide three different directions of travel for a passenger moving from the upper deck to the lower deck.

8. A passenger service vehicle according to any of the claims 4 to 7, wherein the lower stair portion comprises only one tread.

9. A passenger service vehicle according to any of the claims 4 to 8, wherein the staircase is configured such that the recess is formed between the upper and lower stair portions, and between the secondary stair portion and gangways of the vehicle.

10. A passenger service vehicle according to any one of the preceding claims, wherein the recess is fully or partially occluded.

11. A passenger service vehicle according to any one of the preceding claims, wherein the recess is configured to accommodate the passenger support such that the passenger support does not restrict an effective width of the secondary stair portion.

12. A passenger service vehicle according to claim 11, wherein the effective width of the secondary stair portion is substantially the same as an effective width of the upper stair portion.

13. A passenger service vehicle according to claim 9, wherein the upper stair portion does not extend into the upper deck gangway and/or the lower stair portion does not extend into the lower deck gangway.

14. A passenger service vehicle according to any of the claims 1 to 13, wherein the secondary stair portion comprises a plurality of treads, each tread orientated so as to be parallel to the length of vehicle.

15. A passenger service vehicle according to any of the claims 1 to 14, wherein each stair portion has the same, or similar, sized steps, and wherein the tread of each step is substantially rectangular.

16. A passenger service vehicle according to any of the claims 1 to 15, wherein the or each intermediate landing is provided as a quarter landing, sized differently from the tread of the steps of each stair portions.

17. A passenger service vehicle according to any of the claims 1 to 16, wherein the upper deck comprises a profiled interior roof having a gangway region positioned roughly above a gangway of the upper deck, and side regions extending above some of all of the passenger seats on either side of the vehicle, and wherein the staircase and interior roof are configured in a complementary manner, such that passenger space provided between the gangway of the upper deck and the gangway region of the roof is similar, or the same, as the passenger space provided between the upper stair portion and the side region of the roof at the staircase.

18. A passenger service vehicle according to any of the claims 1 to 16 claims, wherein the vehicle comprises a fuel tank configured substantially between the staircase and a chassis of the vehicle.

19. A passenger service vehicle according to claim 18, when dependent upon any of claims 4 to 16, wherein the tank comprises a body portion extending in a complementary, or corresponding, oblique manner with respect to the secondary stair portion of the staircase, and a base portion extending in a complementary, or corresponding, lateral manner with some or all of the lower intermediate landing.

20. A passenger service vehicle according to claim 19, wherein the base portion extends into a recess in the chassis.

21. A passenger service vehicle according to any of the claims 1 to 20, wherein the vehicle is a double-axle vehicle, or triple-axle vehicle.

22. A method comprising:

providing a passenger service vehicle having an upper deck and a lower deck,

providing a staircase extending between the upper deck and the lower deck, the staircase positioned, at the lower deck, between a driver's area and a passenger area, and positioned, at the upper deck, between a forward passenger area and a rearward passenger area, the staircase having at least an upper stair portion comprising at least one tread, and a secondary stair portion,

providing the upper stair portion at the upper deck, the upper stair portion being connected to the secondary stair portion via an intermediate landing and wherein the upper deck extends for a length of the vehicle, and the secondary stair portion extends parallel with respect to the length of the upper deck, and the upper stair portion extends transversely with respect to the secondary stair portion,

configuring the staircase such that a recess is formed between the upper and secondary stair portions, and further configuring the recess to accommodate a passenger support extending along some or all of the secondary stair portion.

23. Use of a passenger service vehicle according to any of the claims 1 to 21.