



WS Boat Loading Recommendations

Pioner

Plated weight limits: 8 Persons 982kg

Assuming the average person weighs 80-100kg.

Assuming the combined weights of a Yamaha 25hp (SS) engine plus fuel is 70kg. There are also x2 paving slabs for aft ballast 30kg. This reduced the effective load capacity to 882kg.

Assuming that helm will be assisted with loading and unloading from on shore and therefore does not need a crew on board.

High Needs Electronic Wheelchairs are heavy electric wheelchairs where the incumbent must remain strapped in and or attached to machinery (air, fluids etc.) and may not be self-supporting.

1) Electronic Wheelchairs:

Capacity	882 kg	Persons	Clients	
1 x Helm (100kg)	100	1		
2 x powered wheelchairs (120kg)	240			
1 Manual Wheel Chair (15kg)	15			
3 x Wheelchair users (100kg)	300	3	3	
2 x Carers (100kg)	200	2		
Total	855	6	3	

2) Manual Wheelchairs

Capacity	882 kg	Persons	Clients	
1 x Helm (100kg)	100	1		
5 x manual wheelchairs (15Kg)	75			
5 x Wheelchair users (100kg)	500	5	5	
2 x Carers (100kg)	200	2		
Total	875	8	5	



3) High Needs Electric Wheelchairs

High Needs Electronic Wheelchairs are heavy electric wheelchairs where the incumbent must remain strapped in and or attached to machinery (air, fluids etc.) and may not be self-supporting.

Capacity	882 kg	Persons	Clients
1 x Helm	100	1	
2 x HN Electric Wheelchairs (125kg)	250		
2 x Wheelchair users (125kg)	250	2	2
2 x Carers ^{*1} (100kg)	200	2	
Total	800	5	2

*1 There must be a carer per client on the boat.

*2 If the client cannot normally wear a buoyancy aid then a **life jacket must be worn**.

Hansa 2.3

Plated weight 120kg (just under 19 stone).

Max one person in all conditions.

Hansa 303

Plated weight 160kg (25 stone).

Max two persons in all conditions.

Try to balance the weights of the volunteer and client in windy conditions.

Hansa Liberty

Plated weight 150kg (23.5 stone).

Max one person in all conditions.

Laser Stratos

Plated weight 290kg. (4 light people of 72.5kg!).

Lighter Winds - 3 persons seated (4 if all are very light) including signed off volunteer helm on board but not necessarily on the helm.

High Winds - Should have a signed off volunteer helm on the helm and competent volunteer crew both of whom must both be fully ambulant. Max 1 client sailors. Clients must be fully self-supporting when seated.



RS Venture

Plated weight 6 Persons.

Lighter Winds - 2 persons seated plus 1 in the back.

High Winds - Nobody on the back. Also, if reefed. Must have a signed off volunteer helm on board in high winds who should be fully ambulant.

Drascombe Luggers (Victory and Tarka)

Plated weight 6 persons.

Light Winds – 6 persons with a signed off volunteer helm on board.

High Winds – Must have a signed off volunteer helm on the helm and competent volunteer crew both of whom must be fully ambulant. Maximum of 4 clients. Helm's judgement should call the number of clients. May consider reducing to 2 or 3 clients.

Drascombe Longboat

Plated weight 9 persons.

Light Winds - 8 persons with signed off volunteer helm on board.

High Winds - Must have a signed off volunteer helm on the helm and competent volunteer crew both of whom must be fully ambulant. Maximum of 6 clients. Helm's judgement should call the number of clients. May consider reducing to 4 or 5 clients.