



# APPENDIX 8 – SPECIFICATION FOR SIGNS AND POLES

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### DN 714517

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## 1. Scope

- 1.1. This specification deals with the supply of signs and poles. Throughout this document we have relied on published guidance from the RNLI, 'A Guide To Beach Safety Signs, Flags And Symbols (2007)'. This guidance is included in the tender attachments (see Appendix 2) and is also available [here](#).
- 1.2. Please also see Appendix 4 (BCP Water Safety / Seafront Signage Broad Design Requirements) for detailed dimensions and approximate panel design requirements.
- 1.3. Signs will be utilised across a range of sites and landscapes and be affixed to railings, post mounted or attached to walls.
- 1.4. The following images are for illustrative purposes only.

### 1.4.1. Example Primary Sign



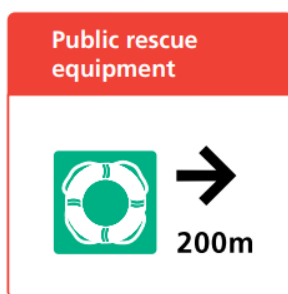
### 1.4.2 Example Secondary Sign



### 1.4.3 Example Reminder Signs



#### 1.4.4 Example Directional Sign



## 2. Technical Specification

### 2.1. Material

- 2.1.1. Sign panels will be made of 3mm composite aluminium.
- 2.1.2. Poles and frames with either be powder coated aluminium or powder coated stainless steel as detailed below.
- 2.1.3. Fixings should be marine grade 316 stainless steel.

### 2.2. Dimensions / shape.

- 2.2.1. **Primary Signs** will have a curved top (see 1.4.1 and Appendix 4).
- 2.2.2. Primary sign dimensions will be 780mm x 2,055mm.
  - 2.2.2.1. Double panel primary signs will require 2x separate panels.
  - 2.2.2.2. Primary sign panels will need the option to be mounted 'back to back'.
  - 2.2.2.3. Optional cover panels will measure 444 x 780mm.
- 2.2.3. Primary signs will need to securely and correctly fit onto bespoke sign poles with robust backing frames to fully support sign panels, particularly in very high coastal winds.
  - 2.2.3.1. Poles should be at least 76mm in diameter
  - 2.2.3.2. Poles / Frames should be fabricated from either:
    - 2.2.3.2.1. Marine grade 316 stainless steel
    - or
    - 2.2.3.2.2. Aluminium
  - 2.2.3.3. Poles / frames should be powder coated (RNLI blue pantone 281C).
  - 2.2.3.4. The bottom edge of primary sign panels should sit 600mm above ground level. Backing frames must be designed to accommodate this.
  - 2.2.3.5. Central primary sign panels poles should be at least 3.3 metres in length to allow for at least 600mm of the pole below ground.
  - 2.2.3.6. Outer primary sign panels poles should be at least 3 metres in length to allow for at least 600mm of the pole to sit below ground.
  - 2.2.3.7. Single panel primary signs will require 2x poles, double panel signs

will require 3x poles.

**2.2.4 Secondary Signs** (see 1.4.2) will have dimensions of 500 x 765mm.

- 2.2.4.1 Double Secondary signs can be printed on a single 1,000 x 765mm panel.
- 2.2.4.2 Some secondary signs will need to be printed on the reverse or have the option to mount sign panels 'back to back'.
- 2.2.4.3 Optional cover panels will measure 229 x 500mm.

**2.2.5** Secondary signs will need to securely and correctly fit onto sign poles:

- 2.2.5.1 Poles should be at least 76mm in diameter
- 2.2.5.2 Poles should be fabricated from either:
  - 2.2.5.2.1 Marine grade 316 stainless steel  
or
  - 2.2.5.2.2 Aluminium
- 2.2.5.3 Secondary poles should be powder coated (colour TBC after contract award).
- 2.2.5.4 Secondary sign panel poles should be at least 2 metres in length to allow for at least 500mm of the pole below ground.
- 2.2.5.5 Both single and double panel secondary signs will require 2x poles.

**2.2.6 Reminder signs** (see 1.4.3) will come in both portrait and landscape options with dimensions of either 500 x 595mm or 980 x 340mm respectively.

- 2.2.6.1 Reminder signs will not be doubled in width or height.
- 2.2.6.2 Reminder signs will not be printed on the reverse.
- 2.2.6.3 Optional cover panels with measure 500 x 229 mm and 485 x 242mm for vertical and horizontal signs respectively.
- 2.2.6.4 If reminder signs need to be pole mounted, 2x secondary poles (2.2.5) can be used.

**2.2.7 Directional signs** (see 1.4.4) will have dimensions of 400 x 400mm.

- 2.2.7.1 Directional signs will not be doubled in width or height.
- 2.2.7.2 Directional signs will not be printed on the reverse.
- 2.2.7.3 If directional signs need to be pole mounted, 2x secondary poles (2.2.5) can be used.

## 2.3 Printing

- 2.3.1 Signs should be printed digitally onto flat panels with no embossing.
- 2.3.2 Each sign will require a bespoke print as each individual location is different.
- 2.3.3 All signs will require multi-coloured print.
  - 2.3.3.1 Exact colours, pantones etc. to be provided once contract awarded.

## 2.4 Features

- 2.4.1 All signs, poles and fixings must have an anticipated lifespan of at least ten years.
- 2.4.2 All signs, poles and fixings must be able to sustain long-term exposure to extreme weather and environmental conditions.
- 2.4.3 All signs must have a suitable UV coating and be resistant to deterioration from exposure of sunlight.
- 2.4.4 All signs must have graffiti resistant coating.
- 2.4.5 All signs, poles, frames and fixings must be resistant to pressure washing.
- 2.4.6 All signs poles, frames and fixings must be suitable for use in marine and freshwater environments.
- 2.4.7 All signs poles, frames and fixings must be chemical and impact resistant.
- 2.4.8 All sign, pole and frame corners and edges must be smooth to avoid potential injury.
- 2.4.9 Unless specified upon ordering, sign panels will be require suitable channels to allow for post or railing mounting.
- 2.4.10 Primary signs must have the option to include a waterproof 'clip' / 'snap' frame that can securely accommodate A3 landscape prints and be easily updated.

## 2.5 Fixings

- 2.5.1 Fixings should be compatible with all of the signs, poles and frame types detailed above.
- 2.5.2 Suitable channel fixings will need to be supplied for:
  - 2.5.2.1 Post mounting signs
  - 2.5.2.2 Rail fixing signs
- 2.5.3 Appropriate fixings for optional cover panels will also need to be supplied.
- 2.5.4 All fixings should be 316 marine grade stainless steel suitable for use in marine and freshwater environments.
- 2.5.5 Fixings must be easy to install using standard, commonly used tools and attachments.
- 2.5.6 Once installed correctly, fixings should be secure and tamper proof.
- 2.5.7 Wall mounted signs will require corners pre-drilled to accommodate screws.