**Street Traders – Wind Management Plan Template**

**Nominated person(s) :-**

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**Contact telephone numbers**

Land – (\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) Mobile - (\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

**Weather conditions**

Weather forecast from the following websites or information sources have been checked prior to trading:

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**Prior to Trading**

Compare the predicted wind strengths (from information sources) against the operational wind speed limits of the stall / structure.

If the wind speeds are forecast to be higher than operational limits, then trading or use of the structures may have to be curtailed / cancelled.

**Day of Trading**

Structures should be weighed down with ballast relative to the predicted wind gust speed \*\*\*

Ideally, a table should be produced by your Structural Engineer stating the proposed kentledge relative to the predicted wind gust speeds. Alternatively, details may be available from the manufacturer of the stall / structure.

Trading or use of structures may have to be cancelled if the wind speed worsens \*\*\*

choose a wind speed at which trading / use of structures will cease. (e.g. “Wind felt on face, leaves rustle, vanes begin to move” could be adopted)

A Beaufort Wind Scale is attached for reference.

NB: The chosen wind speed must be consistent with the information above.

Chosen wind speed for cancellation is: ­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Beaufort Wind Scale**

**Developed in 1805 by Sir Francis Beaufort of England**

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| --- | --- | --- | --- | --- | --- |
| **Force** | **Wind (mph)** | **WMO Classification** | **Appearance of Wind Effects** | | |
| **On the Water** | **On Land** |  |
| **0** | Less than 1 | Calm | Sea surface smooth and mirror-like | Calm, smoke rises vertically |  |
| **1** | 1-3 | Light Air | Scaly ripples, no foam crests | Smoke drift indicates wind direction, still wind vanes |  |
| **2** | 4-7 | Light Breeze | Small wavelets, crests glassy, no breaking | Wind felt on face, leaves rustle, vanes begin to move |  |
| **3** | 8-12 | Gentle Breeze | Large wavelets, crests begin to break, scattered whitecaps | Leaves and small twigs constantly moving, light flags extended |  |
| **4** | 13-18 | Moderate Breeze | Small waves 1-4 ft. becoming longer, numerous whitecaps | Dust, leaves, and loose paper lifted, small tree branches move |  |
| **5** | 19-24 | Fresh Breeze | Moderate waves 4-8 ft taking longer form, many whitecaps, some spray | Small trees in leaf begin to sway |  |
| **6** | 25-31 | Strong Breeze | Larger waves 8-13 ft, whitecaps common, more spray | Larger tree branches moving, whistling in wires |  |
| **7** | 32-38 | Near Gale | Sea heaps up, waves 13-20 ft, white foam streaks off breakers | Whole trees moving, resistance felt walking against wind |  |
| **8** | 39-46 | Gale | Moderately high (13-20 ft) waves of greater length, edges of crests begin to break into spindrift, foam blown in streaks | Whole trees in motion, resistance felt walking against wind |  |
| **9** | 47-54 | Strong Gale | High waves (20 ft), sea begins to roll, dense streaks of foam, spray may reduce visibility | Slight structural damage occurs, slate blows off roofs |  |
| **10** | 55-63 | Storm | Very high waves (20-30 ft) with overhanging crests, sea white with densely blown foam, heavy rolling, lowered visibility | Seldom experienced on land, trees broken or uprooted, "considerable structural damage" |  |
| **11** | 64-72 | Violent Storm | Exceptionally high (30-45 ft) waves, foam patches cover sea, visibility more reduced | Large trees uprooted |  |
| **12** | 73+ | Hurricane | Air filled with foam, waves over 45 ft, sea completely white with driving spray, visibility greatly reduced | Widespread damage occurs |  |