

CLAIMS:

1. A water attraction dispatch system, comprising:
 - a water attraction;
 - a plurality of sensors of the water attraction; and
 - a dispatch controller comprising a processor and a memory, wherein the memory stores instructions executable by the processor, the instructions configured to cause the dispatch controller to:
 - receive attraction condition data from the plurality of sensors of the water attraction;
 - determine a dispatch status of the water attraction based on the attraction condition data, wherein the determined dispatch status comprises a permit dispatch status or a deny dispatch status; and
 - transmit a signal indicative of the dispatch status to a controller of the water attraction.
2. The system of claim 1, wherein the received attraction condition data comprises water level data, water flow data, water composition data, water pH data, environmental changes, weather changes, or a combination thereof.
3. The system of claim 1, wherein received attraction condition data comprises guest status data, guest position data, or a combination thereof.
4. The system of claim 3, wherein the guest position data is determined based on a plurality of strain gauge sensors associated with the water attraction and configured to measure guest-associated deflection.
5. The system of claim 1, wherein a default state of the water attraction is the deny dispatch status.

6. The system of claim 1, wherein the stored instructions are configured to determine or maintain the deny dispatch status based on the attraction condition data from only one sensor of the plurality of sensors being out of tolerance.
7. The system of claim 6, wherein the received attraction condition data is out of tolerance based on a measured data value of the attraction condition data being outside of a predetermined range, above a pre-determined threshold, or below the pre-determined threshold.
8. The system of claim 7, wherein the received attraction condition data is out of tolerance when a measured water pH is outside of a range of about 7.2 to about 7.8.
9. The system of claim 7, wherein the received attraction condition data is out of tolerance when a measured water level in the attraction is lower than a pre-determined level.
10. The system of claim 1, comprising a gate controller located at a dispatch location of the water attraction, wherein the determined dispatch status comprising the deny dispatch status causes the gate controller to close a gate or keep the gate closed.
11. The system of claim 1, comprising a light indicator located at a dispatch location of the water attraction, wherein the determined dispatch status comprising the permit dispatch status causes the light indicator to drive a light source.
12. The system of claim 1, wherein the determined dispatch status comprises a first dispatch status of an individual slide of a multi-side attraction, the first dispatch status comprising the deny dispatch status based on the received attraction

condition data of an individual sensor of the plurality of sensors, the individual sensor associated with the individual slide and a second dispatch status of other slides of the multi-side attraction, wherein the second dispatch status comprises the permit dispatch status.

13. The system of claim 1, wherein the determined dispatch status comprises an overall dispatch status for slides of a multi-slide attraction, the overall dispatch status comprising the deny dispatch status based on the received attraction condition data of an individual sensor of the plurality of sensors, wherein the individual sensor is associated with a shared water source for the slides of the multi-slide attraction.

14. A method, comprising:

generating attraction condition data using a plurality of sensors of a water attraction;
transmitting the attraction condition data to a dispatch controller;
determining that an attraction condition of the water attraction is outside of a pre-determined tolerance based on the transmitted attraction condition data;
transmitting a deny dispatch signal to an attraction controller; and
maintaining a status associated with a deny dispatch signal at a dispatch location of the water attraction or maintaining a gate at the dispatch location in a closed position based on the deny dispatch signal.

15. The method of claim 14, comprising:

determining, upon receiving the deny dispatch signal, that the water attraction is within a dispatch interval during which no new dispatch is permitted; and
displaying an indication associated with the deny dispatch signal or maintaining the gate in the closed position after expiration of the dispatch interval based on the deny dispatch signal.

16. The method of claim 14, comprising:
changing to a permit dispatch status upon receiving updated attraction condition data.
17. The method of claim 16, comprising opening the gate upon changing to the permit dispatch status.
18. A water attraction system, comprising:
a plurality of sensors distributed about the water attraction, the plurality of sensors configured to measure one or more attraction conditions to generate attraction condition data;
an attraction controller configured to receive dispatch control instructions based on the generated attraction condition data to change a dispatch interval based on the received dispatch control instructions; and
at least one dispatch indicator configured to display an indication of a dispatch status indicative of the received dispatch control instructions.
19. The system of claim 18, wherein the at least one dispatch indicator comprises a light indicator, and wherein the dispatch status indicative of a permit dispatch status causes a light source to be activated.
20. The system of claim 18, wherein the at least one dispatch indicator comprises an operator tablet configured to display the dispatch status.
21. The system of claim 18, wherein the attraction controller is configured to change the dispatch interval by extending the dispatch interval such that no new dispatches are permitted.

22. The system of claim 18, wherein the plurality of sensors comprise water level sensors, water flow sensors, water composition sensors, water pH sensors, or a combination thereof.