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WESTHOLD

Electronic Race Timing & Scoring

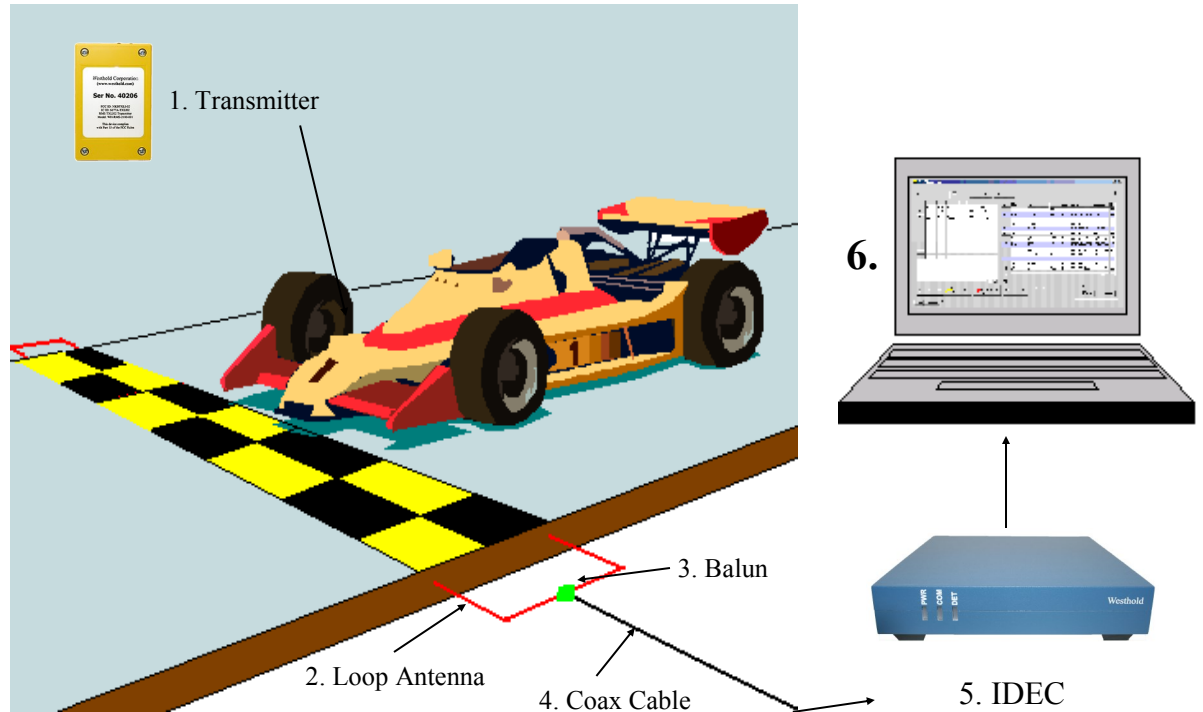**Solutions that make a difference.**

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Race Management System

The Race Management System (RMS) is an electronic timing and scoring system capable of accurately tracking lap times, qualification times, split times, and scoring races. The RMS consists of electronic hardware and MS-Windows based software. Enormously flexible and compatible with software from numerous vendors, it offers an array of choices to fit a wide-assortment of needs.

It is an extremely precise and accurate system with a typical spatial accuracy of 2 to 3 inches or less and a resolution of better than 1/10,000th of a second. Capable of tracking multiple vehicles traveling at over 300 miles per hour, it relieves personnel of the overwhelming and often impossible task of hand-scoring multiple races.

1. Transmitter

6.

3. Balun

2. Loop Antenna

4. Coax Cable

5. IDEC

System Description

The transmitter (1) affixed by one of two holders emits a unique identification signal which is picked up by the Loop Antenna (2). The signal then passes along the antenna through a Balun connector (3), a device that connects the Loop Antenna to the Coax Cable (4). The signal is carried by the Coax Cable to the IDEC (5) which converts the raw identification signal into data that the computer (6) can process for timing and scoring use.

The computer can simultaneously post race results to the scoreboard and remote monitors and wireless handhelds with real-time information. With the ability to broadcast information to wireless handhelds and computer terminals located in the pits, grand stands and announcer's booth, the RMS raises the level of entertainment and excitement for both spectators and racers.

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