



TRANSPORTATION INNOVATIONS GROUP

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TIG UPDATE!

May, 2005

TIG Horizons Vehicle Program

The first goal of the Horizons Vehicle Program, to develop two all-electric vehicle platforms (6-12 passenger, and 30-40 passenger) capable of being operated in either fully automated or manual modes, is nearly achieved!

Each of these self-contained vehicle platforms can be outfitted with any number of body styles and seating configurations and has an on-board compliment of batteries which can be charged at opportunity or overnight stations, or by an on-board generator set.

PRT News

The PRT (personal rapid transit) vehicle, which was first demonstrated in manual mode in Oct. Of 2004 has since been demonstrated in automated mode (wire guided, video available on request) and has under-gone an extensive systems repackaging effort at our TIG Manufacturing Division plant (TIG/m) in Canoga Park.



The PRT platform is an aluminum chassis, independent suspension, all-wheel steering package, and the body configuration shown above is styled for a parkland setting with an "off-road vehicle" theme. It can comfortably accommodate 9 passengers in a standing and seated combination.



This vehicle system is designed to maintain its batteries at an optimum

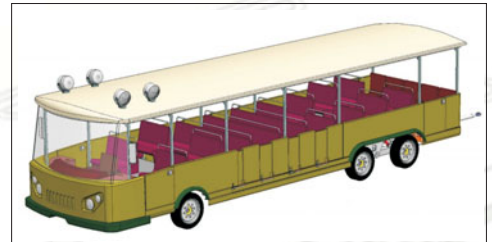
state of charge during operation by Inductive Power Transfer via a continuous wire in the guideway or static coils at the stations. It can also accept an overnight charge or carry a motor-generator set burning gaseous or liquid fuels.

A number of alternate body styles have been designed for this platform which place it gracefully within an airport or theme-park setting, and its traffic management program gives it true Phase II PRT capabilities. That is: when a guest or group of guests boards the vehicle in a station, they choose a destination from a number of options and the vehicle automatically takes them there directly, bypassing all other stops.

Tram type APM News

The large Horizons Vehicle platform fabrication is well under way at our TIG/m Canoga Park facility and at the time of this writing, principal engineering has been completed with major components having been delivered to the plant. The steel chassis, an all-wheel steering design, is completed and will be powered up to begin testing next month.

A full-scale mock-up of the drivers compartment and a portion of the passenger seating is being completed for a walk-thru by our first client for this system



(See below). Utilizing design tools like this mock-up in conjunction with computer-generated models like the one pictured above, allows us to assure our clients that they will receive a product which fulfills their transportation goals and appears exactly as they envisioned.



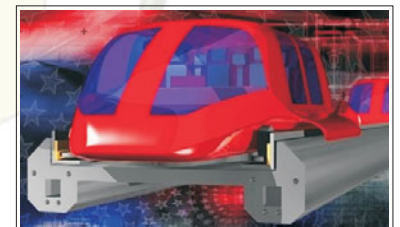
Like the PRT shown, this system is designed for a parkland setting and features a rugged "safari" theme. However, the same platform will support any body style and passenger seating configuration the clients may demand for their particular

project. This Tram/APM is designed to operate as a road train with three vehicles connected by towbars (either physical or virtual) giving each consist a capacity of 120+ passengers. Each train is wire-guided and features Tru-Track steering whereby all wheels steer and follow in the track of the lead car.

SmartSkyway News

Lloyd Goff and our SmartSkyways team of visionaries are pursuing public/private partnership opportunities to place PRT systems in City Centers where they will be an increasingly attractive alternative to upward spiraling traffic densities. They have developed some very innovative business models which, when implemented, will open the door for our systems in urban settings.

View them at:
www.smartskyways.com



TIG/m Kick-Off

On Dec 29, 2004 TIG entered into an agreement with AVG, Inc., an industry-leading design and fabrication firm specializing in robotics, animatronics, and high quality actuators and servo-mechanisms to form a new company; the Transportation Innovations Group Manufacturing Division or TIG/m.

Located at 21344 Deering Court, Canoga Park, CA 91304, TIG/m is a full-service manufacturing facility incorporating; offices, a model shop, electronics, pneumatics, and hydraulic shops; wood, metal, and fiber-glass fabrication facilities; a mechanical assembly plant, as well as a plastics workshop, and paint booth. TIG/m is fully staffed with qualified/certified technicians and craftsmen and is ready to manufacture all of our PRT, APM, Tram, and Trolley designs to TIG's exacting standards and specifications.

TIG/m is currently completing the fabrication of the First Article vehicles for the TIG Horizons Vehicle Program, while tooling up and organizing our factory floor for assembly-line work stations in readiness for our first vehicle production runs this summer.



For more information about AVG, Inc. Please visit their website at www.a-v-g.com.



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Postage

Trolleys...etc..

February of this year marked the third anniversary of the unveiling and start of operations of our Grove Trolley at the Farmers Market in the Fairfax District here in LA.

As many of you know, this unique system was not only our first retail facility transportation project, but was also the first U.S. use of inductive power transfer in this type of vehicle. It may look like the best of yesteryear, but underneath all that oak and brass, it's all about the best of today!



Since it's unveiling we have received a continuous stream of compliments on its appearance and performance as well as numerous inquiries and requests for proposals to provide similar systems for projects across the U.S. and internationally.

Some of the cities hosting projects we are currently in discussions with are; Myrtle Beach, SC; Tuscomb, AL; Branson, MO; Glendale, CA; and Tianjin, China.

This type of vehicle system provides a real attraction value for retail developments with its combination of relaxing low-speed transit and nostalgic charm.

For detailed information about this system (and much more) you can order "Trolleys...etc." in either book or CD format by visiting our website at:

www.entenginc.com