

Intercity Transit
526 Pattison Street SE
Olympia, WA 98507

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Special Equipment Program

Proposed Program

Intercity Transit's mission is to provide and promote transportation choices that support an accessible, sustainable, livable, and prosperous community.

Our vision is to be a leading transit system in the country, recognized for our well-trained, highly motivated, customer-focused, community-minded employees committed to enhancing the quality of life for all citizens of Thurston County.

With the steady increase in GPS requirements in all facets of our business, it is our intent to incorporate GPS technologies into our products and services to further enhance their benefit and usefulness to our customers. It is a requirement to maintain GPS signals indoors in our service and maintenance bay to enable technicians to test, operate and perform maintenance on these systems while indoors. Our proposed set up is already in use and specified in the approved application to re-radiate GPS Signals (WD2XTF). We propose to install the GPS re-radiating equipment at maintenance facility in Olympia, WA.

Objectives

We seek to accomplish the following objectives:

1. Illumination of our maintenance and service bay with re-radiated GPS Signals
2. Further design, development and enhancement of existing products and new product testing
3. Ability to troubleshoot and repair all equipment and systems utilizing GPS signaling without having to relocate the equipment outdoors in view of the satellites

Contribution to Radio Art

Projects are currently under way at Intercity Transit to provide better and more useful GPS solutions to incorporate GPS-derived information (position, speed, and heading) in a variety of innovative applications to improve state-of-art testing, design and quality control for the utilization of GPS navigation systems in public transportation.