



**Information Station Specialists, Inc.**

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To Whom It Concerns:

**Subject: Advisory Radio Components**

Information Station Specialists, Inc., is the sole provider in the United States of these exclusive components for the Advisory Radio Industry. Only ISS provides strictly radio system components manufactured in the United States. ISS is the single source for components with these features and abilities:

1. **The TR6000 AM Transmitter** features a modern synthesized frequency system so that if a frequency change ever is necessary, it can be easily done without component changes or board-level work. Its controls are external to the chassis so its power and audio may be easily adjusted and monitored via a front-panel speaker with volume control. The TR6000 utilizes an efficient Class D amplifier, comprised of only two driver devices for highest reliability. Moreover, TR6000 is the only such unit manufactured and type-accepted for Travelers Information Station (TIS) applications in the United States, and it is approved for military use on 510-530 kHz, 1610-1710 kHz - Certification: J/F 12/07677.
2. **The NX8R Digital Message Player** provides high quality audio message recording (16-bit sampling rate), 3 hours of recording time in flash memory, which requires no battery backup, 1,000 broadcast messages, 50 playlists and automatic station identification. Its voice prompter contains hundreds of natural voice phrases used to guide the user in its operation. It can be controlled locally or remotely via touchtone telephone or using the same control protocols across a two-way radio link. The NX8R Digital Message Player has prerecorded "factory" messages, which are ready to broadcast and which cannot be erased inadvertently. It is designed with eight programmable playlists in a prioritized format that allows selected playlists to take precedence over others in emergencies, and allows the playlists to be selected remotely via telephone or physically via a closure. Up to three live audio sources and four relays may be programmed into any of the 50 playlists, up to three in any one playlist. The NX8R is designed to occupy a single 19-inch rack space.
3. **Workstation Audio Control:** Only ISS radio systems offer PC-based, network accessible radio station program control that includes the following: all required hardware; on-screen, drop and drag, message management system, allowing the operator an on-screen view of message rotation and status, the ability to record, edit, process and archive in a library a virtually unlimited number of broadcast messages; natural voice and two-voice text-to-speech capabilities; playlist scheduling by day, date and time, on-screen live broadcast control; network remote access software.
4. **The Vertical Profile Antenna System** is black in color to discourage ice build-up and is finished with a special UV-resistant architectural-anodization process to prevent color fading. Only the support pole needs to be set. Not required are large, buried, copper-wire groundplane installation or chemical-emitting ground-pipe (hollow rods) burial. Only ISS can provide the patented Vertical Profile Antenna System that does not require a groundplane. Major site disturbances such as surface trenching or drilling for the installation of deep ground rods are not required. The Vertical Profile Antenna System also means: a) the antenna's cables and arrestors are inside the pole for safety and security; b) theft of copper ground wire is impossible; c) it is possible to move the system if required; and d) the aluminum pole is attractive in conjunction with public buildings and may be painted as needed. The patented Vertical Profile Antenna System, additionally, when supporting hi-band AM antennas (1610-1710 kHz), is the only antenna support manufactured for Information Radio Stations that is compliant with EIA/TIA hurricane windspeed standards, which allow it to survive the winds and also to retain integrity in critical areas where failure could be catastrophic.

Please visit [www.theRADIOsource.com](http://www.theRADIOsource.com) for more about these products and our company. I invite you to contact me personally, if you have questions or would like personal planning assistance.

Sincerely,

Bill Baker  
President