

## **Pseudo Automatic Location Identification (PS ALI) Standards**

### **Related Documents**

The following related sections of the OT standards shall also be applicable to this section.

OT Engineer shall approve all product cut sheets prior to purchasing and installation by contractor. Reference S9 Approved Products.

S1 Change Request

S1 Request for Variance

S2 Introduction

S3 SOP and Policy

S7 271600-TC Telecommunications Station Equipment

S9 Approved Products

### **Voice Services (Telephone)**

The Maryland Aviation Administration does not provide voice service to tenants. As a tenant, it is your responsibility to secure phone service that addresses your business needs. To acquire phone service, we recommend contacting Verizon (Service Provider) because they are badged and are familiar with the wiring at BWI.

During the ordering process, the service provider will need to know the address and point of demarcation (most commonly referred to as the DEMARC). They will also need to know the address of Service. They are:

(For BWI) The DEMARC is room NT 109

**BWI Airport**  
**7050 Friendship Road**  
**BWI Airport, MD 21240-0766**

(For Martin State Airport) The DEMARC is Room 107

**Martin State Airport**  
**701 Wilson Point Road**  
**Middle River MD 21220**

Additionally, request Verizon to extend the DEMARC (MAA's point of demarcation) to your phone closet in your tenant space (your DEMARC). Also, any voice cabling has to

be part of your initial build-out process. See related standard for Emergency Paging. Within this standard there are provisions for shared conduit

Related standards

**S4- Emergency Tenant Paging System Requirements**

**NENA Standard Data Formats for ALI Data Exchange and GIS Mapping**

**NENA-02-010**

The purpose of this MAA wide standard is to establish Emergency Response identification for all dial tone services, including modems, fax lines and Voice over Internet Protocol (VOIP) service to be in compliance with the National Emergency Number Association (NENA), the Office of the Fire Marshal, the Office of Technology and County PSAP policy in support of Emergency Services (Fire, EMS and Police) at Baltimore/Washington International Thurgood Marshall Airport (BWI) and Martin State Airport (MSA) and all MAA owned facilities.

This standard applies to all MAA Telecommunications services and also applies to all tenants of all owned and operated MAA facilities.

### **Back Ground:**

When a 911 call is placed, public safety responders must rely on accurate automatic location information (ALI) to be automatically be provided when callers are unable to verbalize their location. When the call is made from a traditional (wire line) phone, the number and address appear at the PSAP (Public Safety Answering Point). ***At BWI the Anne Arundel County PSAP is the answering point, At Martin State Airport Baltimore County PSAP is the answering point.***

However, when placed from multi-line telephone system information provided to the PSAP are usually the master phone number and the billing address, which may not be the location of the services provided, i.e. where you are at.

To complicate the life safety issues even further, the advent of mobility in the workplace via Voice Over Internet Protocol (VOIP) absolutely requires the addition of the E-911 application. The necessary implementation and maintenance of an E-911 database is fast becoming an essential reality for corporations large to small in diverse industry groups.

### **911 Services**

**Every tenant telephone with a numeric key pad shall have the ability to dial 911 for the safety of not only your employees but also collectively our passengers and customers.**

*Important note the requirement to dial an outside line via an access code (i.e. 9911) does not meet this requirement.*

**There are 2 key components to 911 services.**

First when a 911 call is placed the PSAP must have the ability to call back the phone that dialed 911. If the PSAP cannot call back Police and Fire must be dispatched.

Second the PSAP must know the location of the caller so emergency responders can be dispatched to the location.

Contact the MAA Fire Marshal (410) 410-859-7482 for final approval of all naming conventions prior to submission to the Local Exchange Carrier (LEC) i.e. the telephone company.

An example of the correct information is as follows

**4108597018 7050 FRIENDSHIP RD BWI AIRPORT MD MAA OPS CAB RM 402**

Only the MAA Fire Marshal can grant a variance to this standard.

All MAA Telecommunications services will be coordinated by the Office of Technology/Division of Telecommunications (MAA/OT). MAA/OT will upon request provide technical assistance to the tenant's Telecommunications service technician.

All requests for technical assistance should be sent to

[Maatelecom@bwiairport.com](mailto:Maatelecom@bwiairport.com)

Please make sure you include a call back phone number and contact name.

**Tenants** of MAA facilities are to directly contact the Local Exchange Carrier (LEC) to have their PS ALI information corrected to meet this standard after approval of naming convention by the Fire Marshal.

The Verizon Contacts are:

**For BWI**

**Sonia Johnson**

**Email:** [Sonia.a.johnson@verizon.com](mailto:Sonia.a.johnson@verizon.com)

**Telephone:** 410-393-3166

**Fax:** 410-752-0424

**For Martin State Airport**

**Tarsha Shanks**

**Email:** [tarsha.n.shanks@verizon.net](mailto:tarsha.n.shanks@verizon.net)

**Telephone:** 410-393-3610

**Fax:** 410-752-0424

**Supervisor for both locations**

**is Jacqueline Turner**

**Email:** [Jacqueline.l.turner@verizon.com](mailto:Jacqueline.l.turner@verizon.com)

**Telephone:** 410-393-9017

**Fax:** 410-752-0424