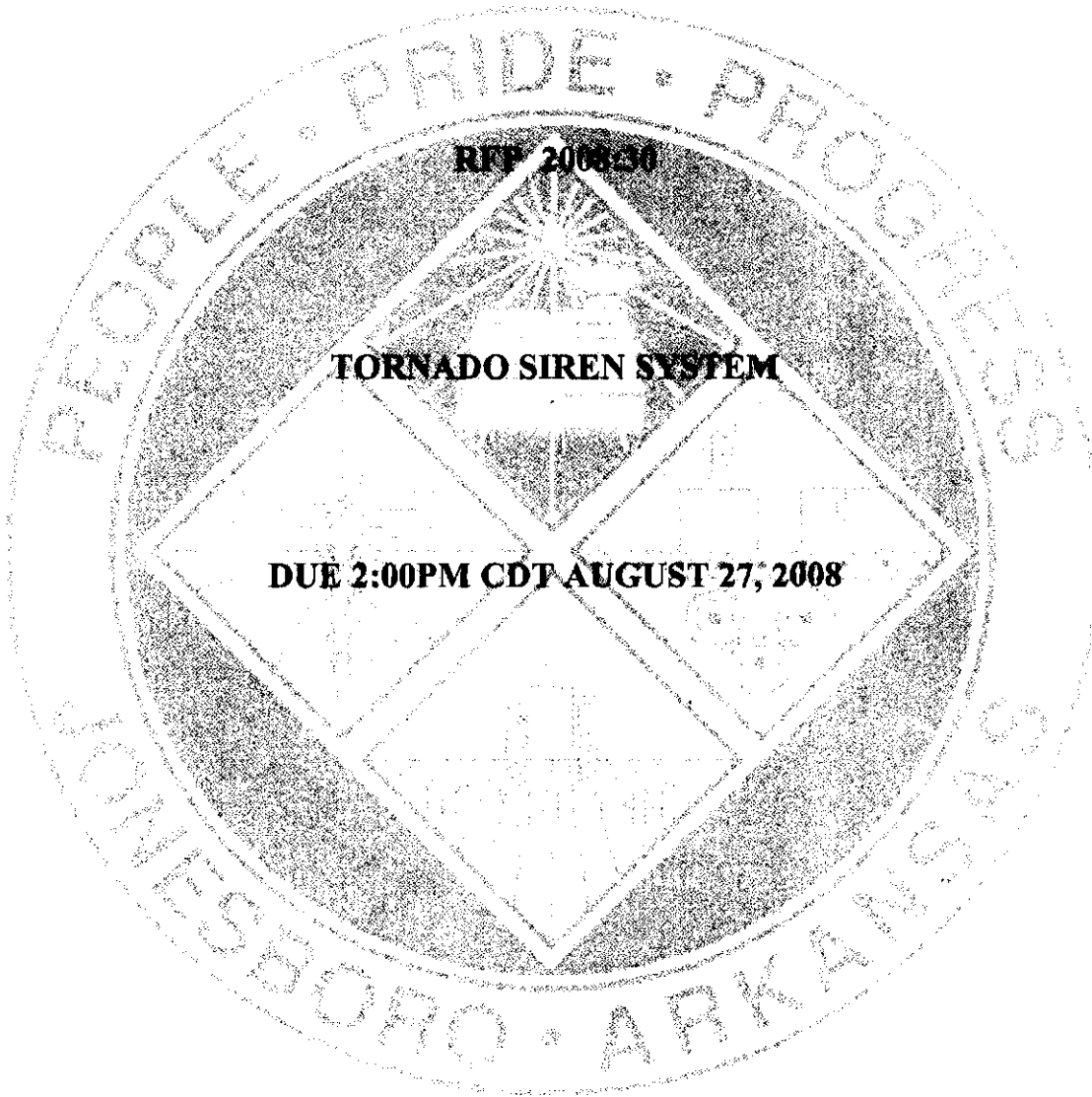


# CITY OF JONESBORO



RF# 2008-30

**TORNADO SIREN SYSTEM**

**DUE 2:00PM CDT AUGUST 27, 2008**

ORIGINAL

Public Safety Systems, Inc.  
100 Arnold Lane  
Paragould, AR 72450  
(870) 236-0487

**City Of Jonesboro**  
**RFP 2008:30**  
**Tornado Siren System**

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**public Safety Systems, Inc.**

100 Arnold Lane  
Paragould, AR. 72450  
870-236-0487  
Cell 870-236-0486



August 19, 2008

City Of Jonesboro  
515 West Washington Av.  
Jonesboro, AR. 72401

RE: Outdoor Storm Warning Sirens ( BID # 2008:30 )

Dear Sir,

I would like to thank you for the opportunity to bid on the outdoor warning sirens for the City Of Jonesboro. I have done a complete evaluation of each existing siren in the City Of Jonesboro. The proposed system includes the changing of the siren control radios frequency. The City Of Jonesboro sirens currently operate on low band frequency allocation. The proposed system will be using a UHF frequency allocation which will provide better signal coverage for sirens on the outer end of the system, and for future growth of the system. The UHF system could have a repeater added to the system in the future if the City Of Jonesboro continued to grow beyond the reach of the current system. The system that we propose would have a primary and secondary way of activation, which could be activated from any designated radios strategically placed anywhere in the City Of Jonesboro.

After evaluation of the current siren locations it was found that there is some siren overlap of coverage between existing siren locations. If the City Of Jonesboro was installing sirens for the first time, and had never had any sirens in operation, it would be recommended that some of the sirens be put in a different location. Since the City Of Jonesboro currently has sirens, it is highly recommended not to relocate any of the existing locations. Relocating any of the existing sirens locations might provide a little better overall coverage for the siren, but would lower the volume level in the immediate neighborhood were the siren was located. Although the siren volume level would still be of adequate level in these areas, the 4 or 5 blocks of homes that was closest to the original siren location could experience volume drops by as much as 50%. This overlap of sirens would most likely only change the total number of sirens in the City Of Jonesboro by 1 or 2 sirens.

The attached map shows estimated sound coverage for the City Of Jonesboro. The added coverage provided by the American Signal T-128 siren is achieved with the 7 ½ horsepower motor as compared to the Federal 6 horsepower motor. Also contributing to the coverage difference is the American Signal T-128 siren operating at a lower frequency of 500 hz., as compared to Federal at 750 hz. The lower frequency provides better penetration and range of sound.

Also it was found during our evaluation that 21 existing poles would be adequate to use for the new siren installations. The poles appear to be modern and would be acceptable for the new installations, providing a substantial dollar savings.

The 17 new poles being installed will be a 60' Class 2 pole. Most competitors use a 50' pole and standard Electric Company pole specifications for their pole installations. That specification being 10% plus 2 feet.

**Competitors:**

50' pole = 7 feet in ground with 43' above ground

**American Signal:**

60' pole = 12 feet in ground with 48' above ground

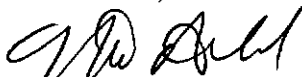
The additional depth of the pole provides a much more stable platform for the siren, helping to prevent leaning of the siren over time or leaning due to a high wind encounter. Leaning of a siren out of level will have negative effects on the sound output and distribution of the siren, causing some areas within the rotational area of the siren to have less volume, and less coverage.

I would also like to bring to your attention that we are located only 20 minutes from the City Of Jonesboro, and are available for service or assistance 24 hours a day. Please find attached a list of references to go along with 2 local references.

City Of Paragould  
Mayor, Mike Gaskill  
870-239-7510

City Of Pocahontas  
Fire Chief, Scott Baltz  
870-892-8553

Thank You,

  
Nicki Arnold

SECTION 6

PRICING AND DELIVERY SCHEDULE

Proposal of: PUBLIC SAFETY SYSTEMS, INC.  
(Proposer Company Name)

To: The City of Jonesboro

Ref.: Outdoor Warning Siren System

RFP No. 2008:30

Ladies and Gentlemen:

Having carefully examined all the specifications and requirements of this RFP and any attachments thereto, the undersigned proposes to furnish the outdoor warning siren system services required pursuant to the above-referenced Request for Proposal upon the terms quoted below.

6.1 Pricing for Services Offered

6.1.2. Outdoor Warning Siren System

6.1.2.1 Cost / Specifications

- a.) Number of Sirens AMERICAN SIGNAL T-128 38
- b.) Price per unit 5774.51<sup>ea</sup> X 38 = 219,431.38
- c.) Number of Controllers ASC TEMPEST AC/DC 38
- d.) Price per Controller 5965.71<sup>ea</sup> X 38 = 226,696.98
- e.) Location, Attach map \_\_\_\_\_
- f.) % of Coverage Area \_\_\_\_\_
- g.) INSTALLATION w/ 60' POLE 4850.00<sup>ea</sup> X 16 = 77,600.00
- h.) INSTALLATION WITHOUT POLE 3450.00<sup>ea</sup> X 22 = 75,900.00
- REMOVAL OF OLD SIREN + CONTROLLER 1000.00<sup>ea</sup> X 26 = 26,000.00
- REMOVAL OF EXISTING POLES 800.00<sup>ea</sup> X 4 = 3,200.00

NOTE: INCLUDE MANUFACTURER, PART NUMBER AND COMPLETE SPECIFICATIONS FOR EQUIPMENT IN THIS TABLE WITH RESPONSE.

SIREN WARRANTY      5 YR. MECHANICAL  
    2 YR. ELECTRONICS  
    7 1/3 YR. BATTERIES

- 6.1.2.2 Training \$ NO CHARGE (INCLUDED)
- 6.1.2.3 Annual Maintenance (after initial expiration) OF 1 YEAR \$ 3500.<sup>00</sup> (30 SIRENS) YEARLY (2 EXT. YEARS)
- 6.1.2.4 Fixed Control panels for siren system (3) PRIMARY: COMPUTER, RATED, INSTALLED \$ 11,292.61 SECONDARY \$ 5550.<sup>00</sup> - 2775.<sup>00</sup> EACH
- 6.1.2.5 Consultation/ Support Services \$ NO CHARGE (INCLUDED)

6.1.3. Price the following options for the city's consideration:

6.1.4. OPTION A: Mobile control panel option in addition to fixed control panel option \$ NO CHARGE IF CITY OF JONESBORO PROVIDES A NOTEBOOK COMPUTER WITH INTERNET CONNECTION.

6.1.5. OPTION B: Solar panel option 30 SIRENS @ 2900.<sup>00</sup> EACH \$ 110,200.<sup>00</sup>  
 FREIGHT 3,500.<sup>00</sup>  
 GRAND TOTAL: WITHOUT ANNUAL MAINTENANCE OR SOLAR OPTION \$ 649,170.<sup>97</sup>  
 GRAND TOTAL WITH SOLAR OPTION WITHOUT ANNUAL MAINTENANCE \$ 759,370.<sup>97</sup>

6.2 Delivery Schedule of Events and Time Periods

EQUIPMENT DELIVERY 30-45 DAYS

APPLICABLE SALES TAX ADDED AT TIME OF PURCHASE  
 25% DUE WITH ORDER

Respectfully submitted,

Proposer: PUBLIC SAFETY SYSTEMS, INC.

By: [Signature]  
 (Authorized Signature for Proposer)

Name: NICKI ARNOLD

Title: PRESIDENT

Date: 8-22-08

Public Safety Systems, Inc.  
 100 Arnold Lane  
 Paragould, AR 72450  
 (870) 238-0487

**2.12 Proposer should complete the following information:**

If Proposer is a Corporation, then State of Incorporation:

ARKANSAS

If Proposer is a Corporation then Proposer's Corporate Charter Number: \_\_\_\_\_

RFP No.: 2008:30

**Submitted and Certified By:**

(Proposer Institution's Name) **PUBLIC SAFETY SYSTEMS, INC.**

(Signature of Duly Authorized Representative) *Nick Arnold*

(Printed Name/Title) **NICKI ARNOLD, PRESIDENT**

(Date Signed) **8/22/2008**

(Proposer's Street Address) **100 ARNOLD LANE**

(City, State, Zip Code) **PARAGOULD, AR. 72450**

(Telephone Number) **870-236-0487**

(FAX Number) **CELL 870-236-0486**  
**870-239-9605**

**Public Safety Systems, Inc.**  
**100 Arnold Lane**  
**Paragould, AR 72450**  
**(870) 236-0487**

## SECTION 3

### PROPOSER'S GENERAL QUESTIONNAIRE

Proposals must include responses to the questions contained in this Proposer's General Questionnaire. Proposer should reference the item number and repeat the question in its response. In cases where a question does not apply or if unable to respond, Proposer should refer to the item number, repeat the question, and indicate N/A (Not Applicable) or N/R (No Response), as appropriate. Proposer will explain the reason when responding N/A or N/R.

#### 3.1 Proposer Profile

3.1.1 Legal name of Proposer company: PUBLIC SAFETY SYSTEMS, INC.

Address of principal place of business: 100 ARNOLD LANE  
PARAGOULD, AR. 72450

Address of office that would be providing service under the Agreement: 100 ARNOLD LANE  
PARAGOULD, AR. 72450

Number of years in Business: 18 YEARS

State of incorporation: ARKANSAS

Number of Employees: 4

Annual Revenues Volume: N/A

Name of Parent Corporation, if any N/A

**NOTE: If Proposer is a subsidiary, City of Jonesboro prefers to enter into a contract or agreement with the Parent Corporation or to receive assurances of performance from the Parent Corporation.**

3.1.2 State whether Proposer will provide a copy of its financial statements for the past two (2) years, if requested by City of Jonesboro.

3.1.3 Proposer will provide a financial rating of the Proposer entity and any related documentation (such as a Dunn and Bradstreet analysis) that indicates the financial stability of Proposer.

3.1.4 Is Proposer currently for sale or involved in any transaction to expand or to become acquired by another business entity? If yes, Proposer will explain the expected impact, both in organizational and directional terms.

3.1.5 Proposer will provide any details of all past or pending litigation or claims filed against Proposer that would affect its performance under the Agreement with City of Jonesboro (if any).



# SECTION 4

## ADDENDA CHECKLIST

Proposal of: PUBLIC SAFETY SYSTEMS, INC.  
(Proposer Company Name)

To: The City of Jonesboro of Arkansas

Ref.: Outdoor Warning Siren System Services

RFP No. 2008:30

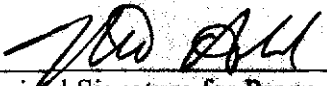
Ladies and Gentlemen:

The undersigned Proposer hereby acknowledges receipt of the following Addenda to the captioned RFP (initial if applicable). Any addendum will be on the Purchasing web site at [www.jonesboro.org](http://www.jonesboro.org) no later than 1 (one) week before bid opening.

No. 1 \_\_\_\_\_ No. 2 \_\_\_\_\_ No. 3 \_\_\_\_\_ No. 4 \_\_\_\_\_ No. 5 \_\_\_\_\_

Respectfully submitted,

Proposer: PUBLIC SAFETY SYSTEMS, INC.

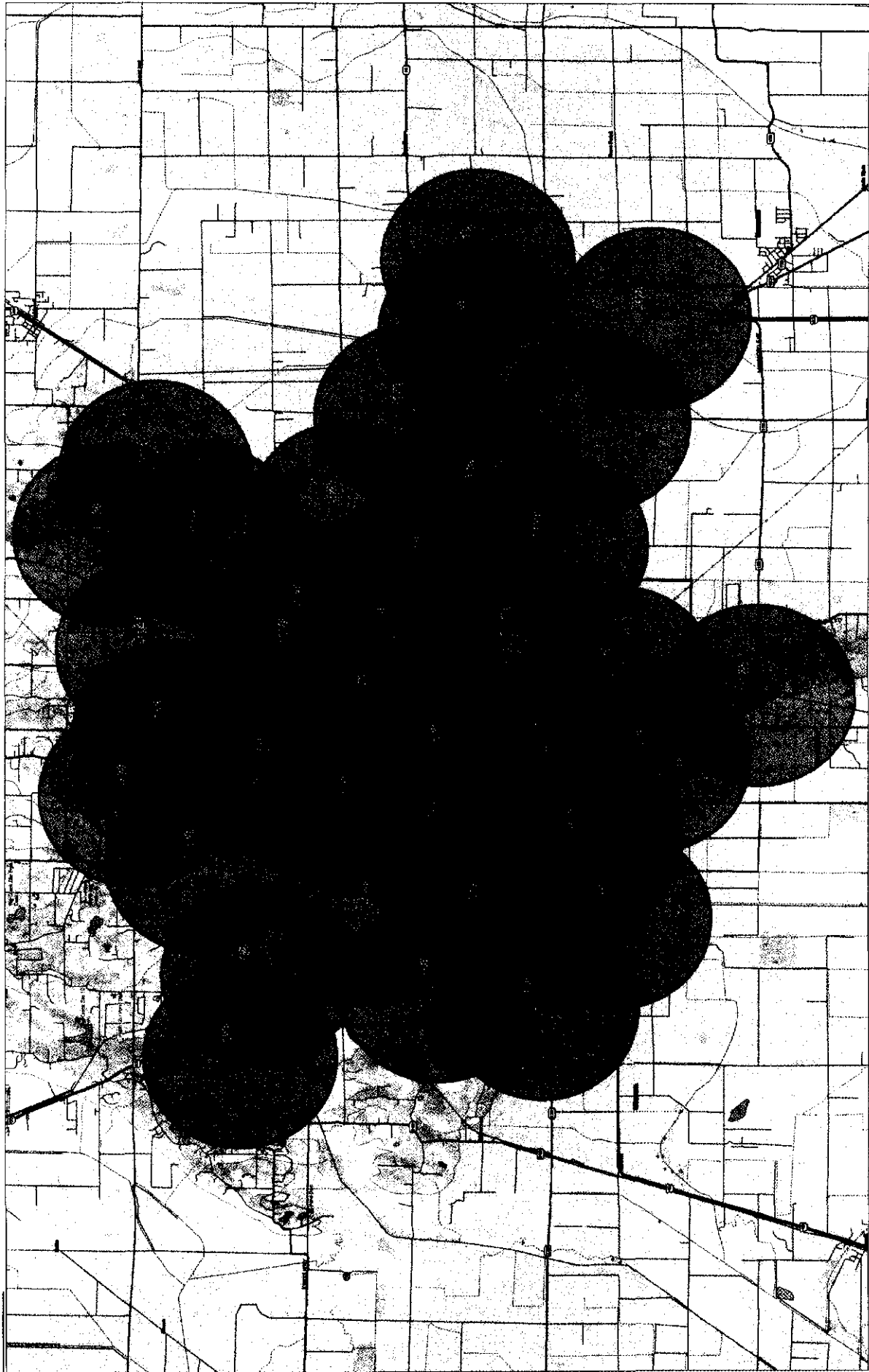
By:   
(Authorized Signature for Proposer)

Name: NICKI ARNOLD

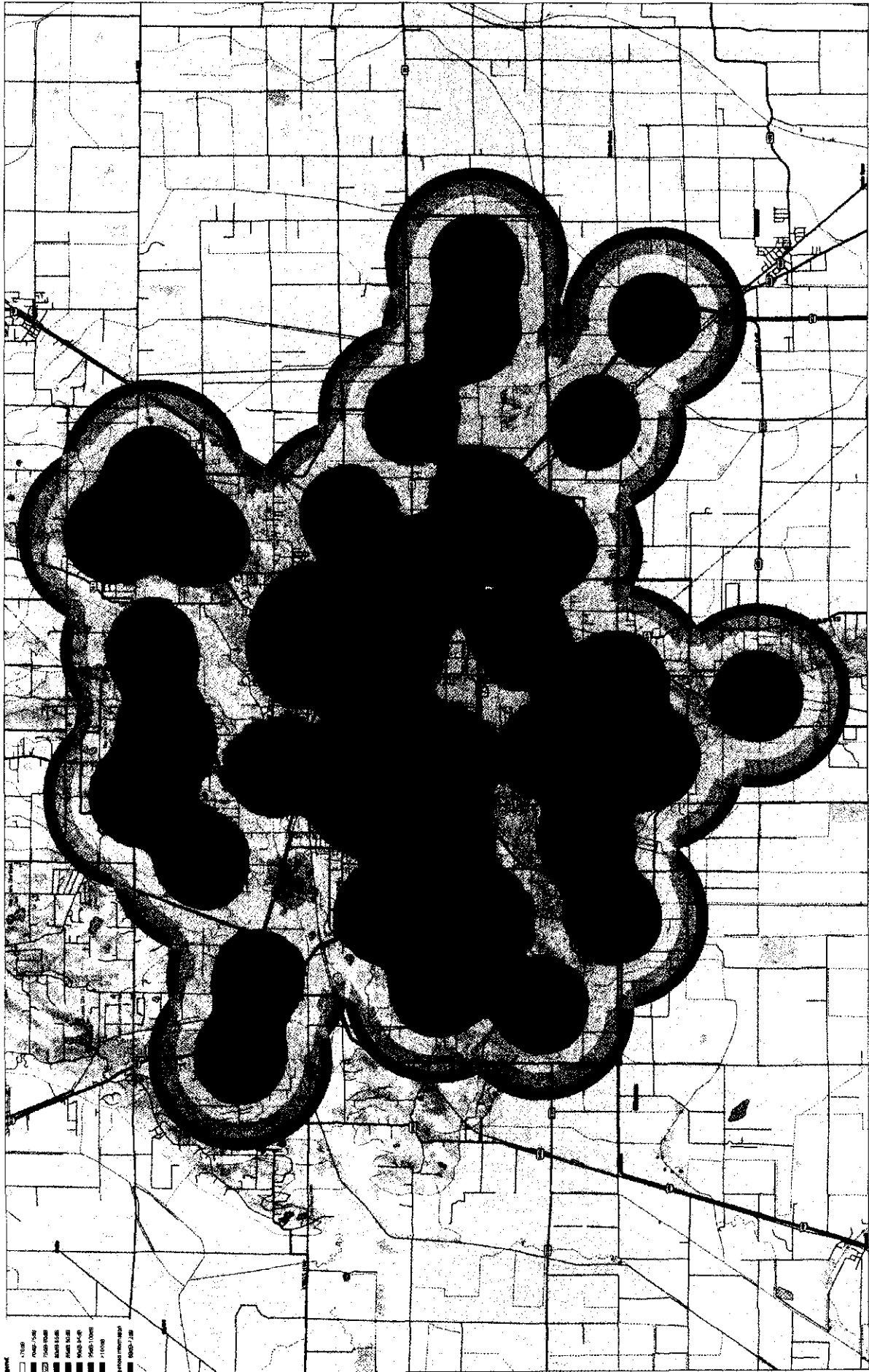
Title: PRESIDENT

Date: 8-22-2008

Public Safety Systems, Inc.  
100 Arnold Lane  
Paragould, AR 72450  
(870) 236-0487



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MN(0,0° E)



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## **Public Safety Systems, Inc.**

100 Arnold Lane  
Paragould, AR. 72450  
870-236-0487  
Cell 870-236-0486



### **Description of Maintenance for Outdoor Warning Sirens**

Visual Inspection of the following:

- Equipment Cabinets
- Electrical conduits and connectors
- Ground connections
- Pole condition
- Battery cable connections

Technical Testing:

- Check all 9 control fuses
- Check incoming voltage from power company
- Load Test each battery and log
- Check battery charger for each battery
- Check contactors for corrosion or burnt signs
- Check rotate control voltage output
- Check motor head voltage and current during operation
- Check all cabinet tamper switches
- Check radio output power and radio antenna



### LIMITED WARRANTY

AMERICAN SIGNAL CORPORATION warrants electromechanical siren head equipment, including the housing, motor, frame, and any gear or drive assemblies, to be free from defects in materials and workmanship for a period of five (5) years for parts from the date of shipment, provided such equipment is installed, operated, and maintained in accordance with the instructions, manuals and/or recommendations supplied by American Signal Corporation. AMERICAN SIGNAL CORPORATION warrants all other mechanical, electrical/electronic control equipment (except batteries) to be free from defects in materials and workmanship for a period of two (2) years for parts, two (2) year for in-house labor, from the date of shipment, provided such equipment is installed, operated, and maintained in accordance with the instructions, manuals, and/or recommendations supplied by American Signal Corporation. If within such period any such equipment shall be proved to American Signal Corporation's satisfaction to be defective, such equipment shall be repaired or replaced at American Signal Corporation's option. Notwithstanding the foregoing, American Signal Corporation makes no warranties on equipment manufactured by others and supplied by American Signal Corporation, but will extend to the purchaser any warranties associated with such equipment.

### EXCLUSIVE WARRANTY/REMEDY

The foregoing is American Signal Corporation's sole obligation and the buyer's exclusive remedy hereunder and shall be conditioned upon American Signal Corporation's receiving written notice of any alleged defect within 30 days after its discovery and, at American Signal Corporation's option, return of such equipment to American Signal Corporation, f.o.b. its factory in Milwaukee, Wisconsin. **THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED; AND AMERICAN SIGNAL CORPORATION EXPRESSLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.**

This warranty does not apply to any equipment which in American Signal Corporation's judgment has been subject to misuse, neglect or accident or damage due to local utility power surges, abuse, alteration, improper installation or application, or negligence in use, storage, transportation or handling, or repair by anyone other than American Signal Corporation and it's authorized service centers. This warranty does not cover any costs related to transportation for return of equipment or reshipment of any repaired or replaced equipment, or costs associated with installation, removal, or reinstallation of equipment.

### LIMITATION OF LIABILITY

Except as otherwise agreed in writing, American Signal Corporation's liability with respect to the equipment and/or services sold hereunder shall be limited to the warranty provided above, and, with respect to other performance of the sales/service contract, shall be limited to the contract price. **AMERICAN SIGNAL CORPORATION SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW, WITH RESPECT TO EQUIPMENT SOLD OR SERVICES RENDERED BY AMERICAN SIGNAL CORPORATION, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATING THERETO.** Without limiting the generality of the foregoing, American Signal Corporation specifically disclaims any liability for property or personal injury damages, penalties, special or punitive damages, damages for lost profits or revenues, loss of use of equipment or any associated equipment, cost of capital, cost of substitute equipment, facilities or services, down-time, shut-down or slow-down costs, or for any other types of economic loss, or for claims of buyer's customers or any third party for any such damages. **AMERICAN SIGNAL CORPORATION SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES WHATSOEVER.**

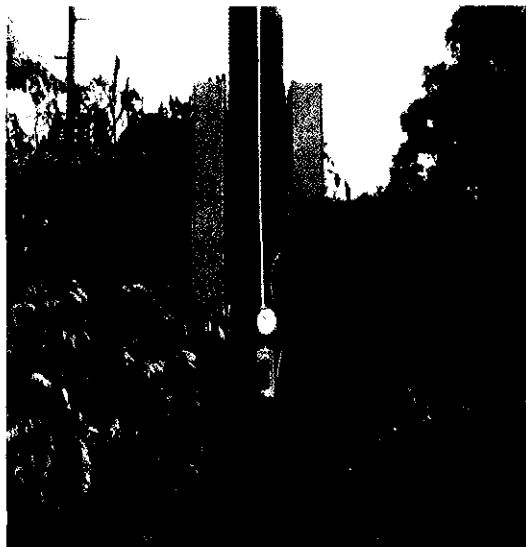
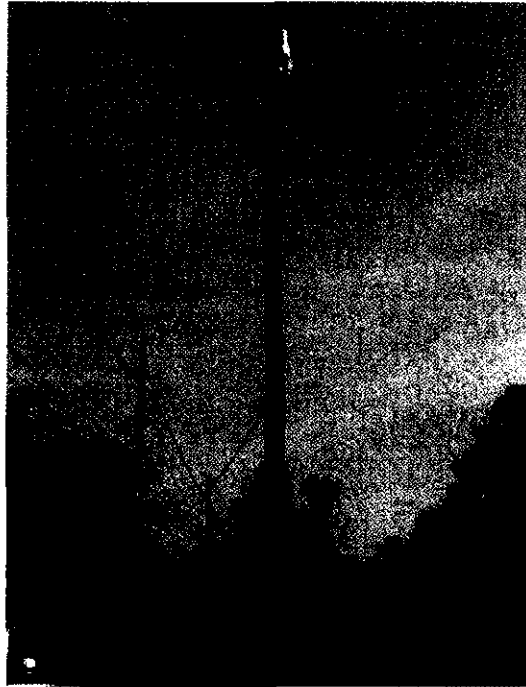
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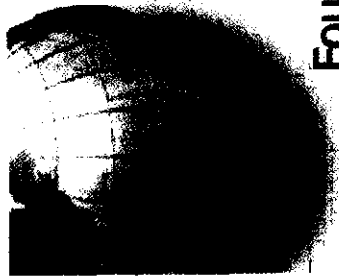
**Public Safety Systems, Inc.**

100 Arnold Lane  
Paragould, AR. 72450  
870-236-0487  
Cell 870-236-0486



**New Installation of American Signal T-128**





# AMERICAN SIGNAL CORPORATION (ASC)

Founded in 1873.

World Wide Supplier of Emergency Alert & Notification Systems Since 1942.



**AMERICAN SIGNAL CORPORATION**

INTERNATIONAL INDUSTRIAL

UL HAZMAT

FEMA EAS

STREMS TEMPEST

NUREG

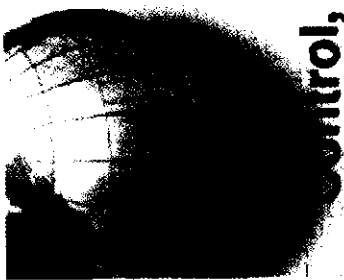
SCADA

[www.AmericanSignal.com](http://www.AmericanSignal.com)

ALERTING  
DISASTER WARNING  
SYSTEMS

World Class  
Manufacturer  
for Over 60 Years.

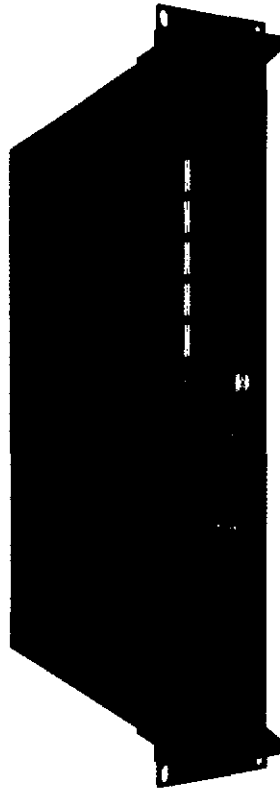
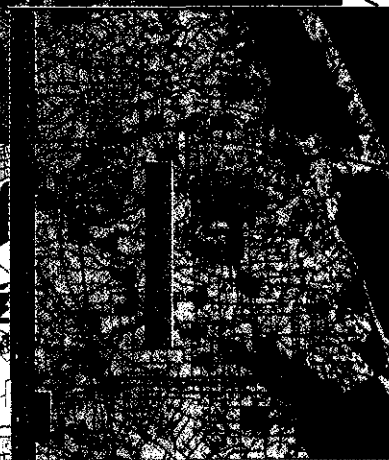
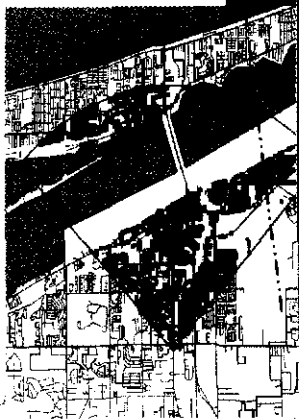
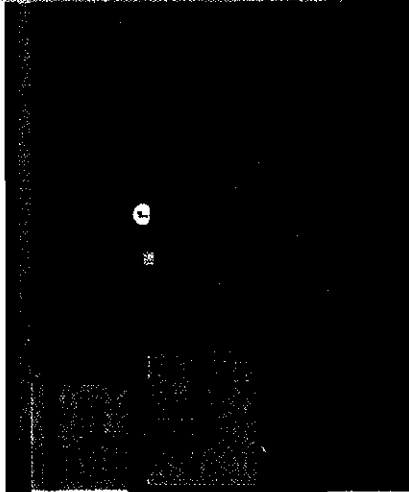
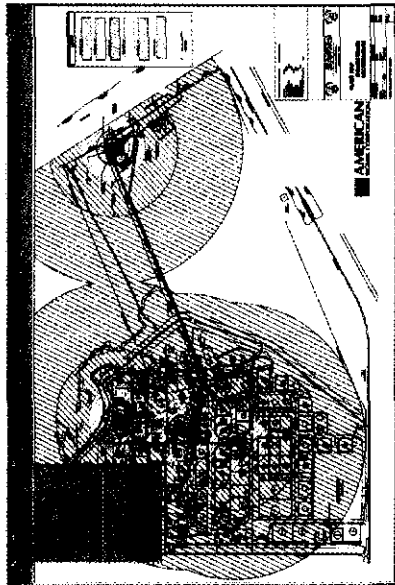




# Computer<sup>(TM)</sup> System

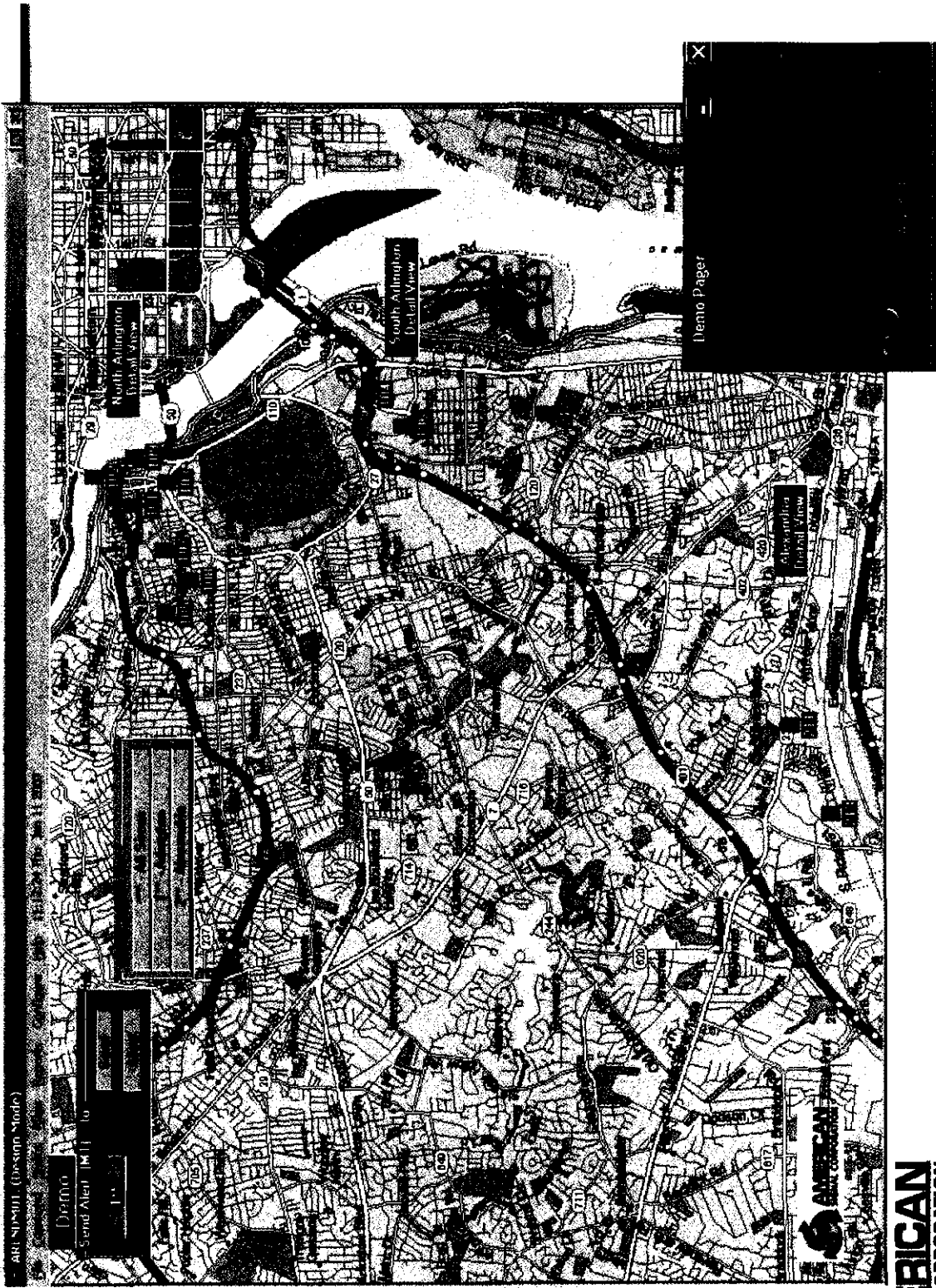
## Wired & Wireless Control Systems

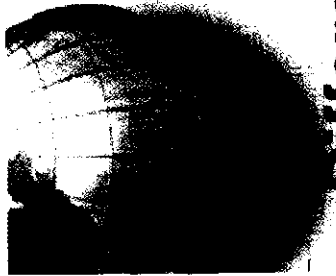
**Control, Warn, Instruct,  
and Verify Operation  
of the Communications**





# Example Compulert Monitor Status





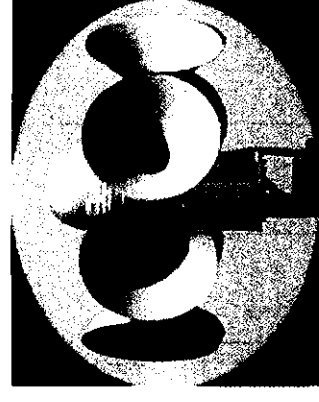
# Tempest™ Series Electromechanical AC & DC Sirens

## Different Configurations for Different Needs

- Naming convention by dB rating
- 5 year siren head warranty
- Stainless steel hardware
- UL listed
- Factory sealed motor bearings eliminates greasing and maintenance
- All systems can be configured for AC operation, DC operation or True UPS backup
- Operates at optimal 500 Hz frequency
  - Provides up to 19 square mile effective coverage area
  - Audible over 2 mile radius

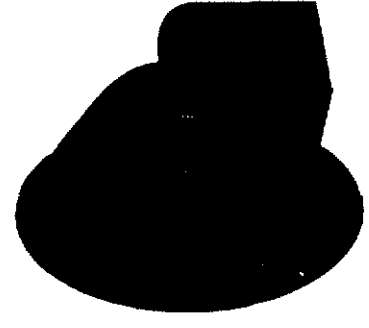


Tempest T-112

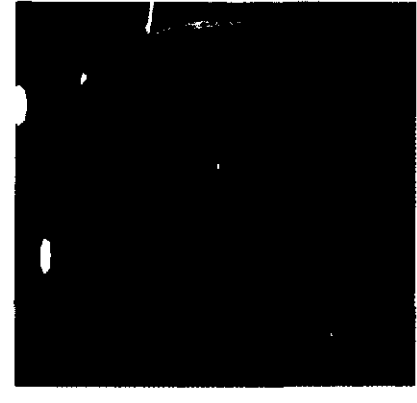


Tempest T-121

Tempest T-128



Tempest T-135



# ASC Mechanical AC/DC Siren Features

---

- Reliability- 99.8% P1's on all nuclear plants utilizing TEMPEST™ Sirens.
- Environmental- Cast Aluminum and fiberglass components resists the most harsh environments.
- Acoustic Advantages- 18 to 34% coverage advantage over nearest competitor based upon 500Hz frequency as outlined in OPAS-G.
- TEMPEST™ T-121 Approved by FEMA/NRC for One for One Replacement of Existing Penetrator P-10/15 Sirens on Salem/Hope Creek Generating Station.
- AC & DC Operation (True UPS Design)
- Integrated Control and Status Monitoring through CompuLert™



# ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID CL  
PUBLI-1

DATE (MM/DD/YYYY)  
06/09/08

**PRODUCER**  
M. F. Block Insurance, Inc.  
P.O. Box 640  
216 West Emerson  
Paragould AR 72451-0640  
Phone: 870-236-8744 Fax: 870-239-9531

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**INSURED**  
  
Public Safety Systems, Inc.  
Nicki Arnold  
100 Arnold Lane  
Paragould AR 72450

**INSURERS AFFORDING COVERAGE** **NAIC #**

INSURER A USF Insurance Company

INSURER B \_\_\_\_\_

INSURER C \_\_\_\_\_

INSURER D \_\_\_\_\_

INSURER E \_\_\_\_\_

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRG	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	BINDER	06/09/08	06/09/09	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000
	CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 5,000
					PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER				GENERAL AGGREGATE \$ 2,000,000
	POLICY	PROJ JECT	LOC		PRODUCTS - COMP OP AGG \$ 2,000,000
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident) \$
	ANY AUTO				BODILY INJURY (Per person) \$
	ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	HIRED AUTOS				
	NON-OWNED AUTOS				
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	ANY AUTO				OTHER THAN EA ACC \$
					AUTO ONLY AGG \$
	EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE \$
	OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/>				AGGREGATE \$
					\$
	DEDUCTIBLE				\$
	RETENTION \$				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS OTHER
	ANY PROPRIETOR PARTNER EXECUTIVE OFFICER MEMBER EXCLUDED?				E.L. EACH ACCIDENT \$
	If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE \$
					E.L. DISEASE - POLICY LIMIT \$
	OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

**SIREN ALARM INSTALLATION**

**CERTIFICATE HOLDER**

City of Jonesboro  
W. Washington  
Jonesboro AR 72401

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE  
**Samuel Lee Hays**

# State of Arkansas

## SALES AND USE TAX PERMIT

PUBLIC SAFETY SYSTEMS INC  
100 ARNOLD LANE #2  
PARAGOULD AR 72450

DATE ISSUED: 06/19/2008

PERMIT NUMBER: 321096-28-001

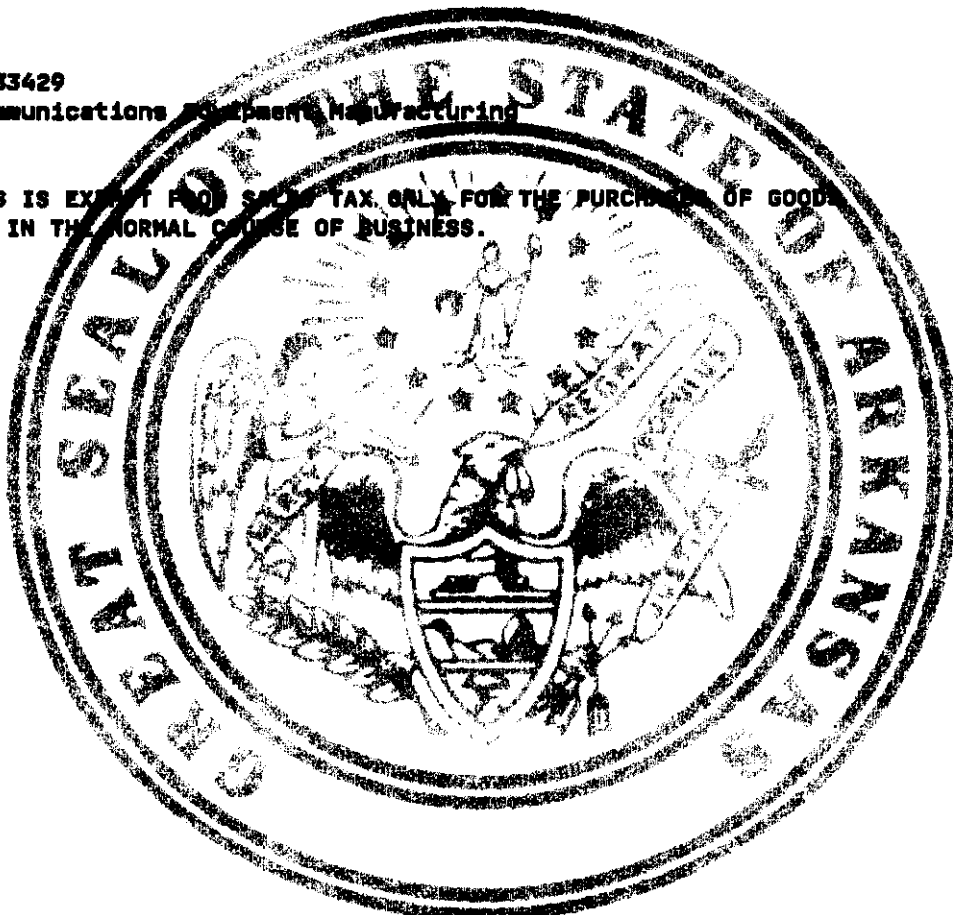
DLN: 0000 00 0000 00000 00

OWNER1: NICKI ARNOLD  
OWNER2:  
OWNER3:  
OWNER4:

DATE OPENED: 06/01/2008

NAICS: 33429  
Other Communications Equipment Manufacturing

THIS BUSINESS IS EXEMPT FROM SALES TAX ONLY FOR THE PURCHASE OF GOODS TO BE RESOLD IN THE NORMAL COURSE OF BUSINESS.



THIS PERMIT IS VALID UNTIL IT IS CANCELED AND SURRENDERED BY THE PERMIT HOLDER OR REVOKED BY THE COMMISSIONER OF REVENUES.

THIS PERMIT MUST BE SURRENDERED IF BUSINESS IS SOLD, DISCONTINUED OR LOCATION CHANGED.

WHEN THIS PERMIT IS SURRENDERED FOR ANY OF THE ABOVE REASONS, YOU MUST REPORT AND PAY ANY SALES OR USE TAX PLUS ANY PENALTIES OR INTEREST THAT IS OWED BY THIS BUSINESS. FAILURE TO PAY THESE TAXES WILL RESULT IN A LIEN BEING PLACED AGAINST THE STOCK AND FIXTURES OF THIS BUSINESS AND IS ENFORCEABLE AGAINST PURCHASERS AND THIRD PARTIES.

\*\*\* PERMIT MUST BE DISPLAYED IN A PROMINENT PLACE IN YOUR BUSINESS \*\*\*



4801 W. Woolworth Avenue,  
Milwaukee, WI 53218  
(800) 243-2911 (414) 358-8000  
FAX (414) 358-8008

## Corporate Clients

### 2007

Huntington Beach, CA \$0.1 million  
Sri Lanka \$0.5 million (pending)  
Iceland \$0.1 million  
Ireland \$0.1 million

### 2006

Grand Gulf Nuclear 2 year project \$1 million  
Baughman Township OH \$0.25 million  
City of Springfield, IL \$1.2 million  
Anna, TX \$0.1 million  
Meade County, SD \$0.25 million  
Country of Thailand Phase II  
Tsunami System \$1 million in 2006  
St. Martin Island 3 year project total \$1 million

### 2005

Country of Thailand Phase I  
Tsunami System \$2 million in 2005  
Projected \$2-8 million per year until 2009  
State of Alaska  
Tsunami System \$0.15 million  
PSEG Nuclear LLC  
Salem & Hope Creek \$1.2 million  
Service Contract.15 million per year

### 2004

Entergy Nuclear Vermont Yankee \$1.3 million  
Municipal Yellowstone County, Billings  
Montana  
\$0.25 million

### 2003

Belgium Army \$0.1 million

### 2002

Constellation Entergy Nuclear  
Calvert Cliffs \$1.4 million  
GINNA \$1.1 million  
Municipal  
Douglas County, Omaha, NE \$1.2 million

### 2001

PSEG Nuclear LLC  
Salem & Hope Creek \$0.25 million

### 2000

Entergy  
IP 2 \$1.0 million  
Municipal  
City of Waco, Texas \$0.5 million

### 1999

Entergy  
Grand Gulf Nuclear Station  
Ports  
ATO/Fina, Port Arthur, Texas \$0.2 million

## Municipal References

City of Waco  
317 Concord  
Waco, TX 76707

Frank Patterson Phone 254-750-5911  
frankp@ci.waco.tx.us

CompuLert™ Two Way  
T-128 AC/DC Sirens

Douglas County Emerg. Mgmt. Agency  
Civic Center EOC 114  
Omaha, NE 68183

Mr. James Rogers (402) 444-5040

CompuLert™ Two Way  
79 Tempest 128  
110 RTU's

City of Richardson Texas  
136 N. Greenville Avenue  
Richardson, TX 75081-6006

George Grant (972) 744-5756

CompuLert™ Two-way  
(20) TEMPEST™ T-128-AC/DC Sirens

Winnebago County  
4311 Jackson Street  
Oshkosh, WI 54901

Don Wilmot (920) 236-7463

(50 plus) CompuLert™ Two-way Mixed  
ASC and Federal Sirens

## Educational References

Florida State University  
University Ctr C RM 4412  
390 Champions Way  
Tallahassee, FL 32306  
Tom Jacobson  
BJ Lewis, Purchasing Agent  
850-644-7639

University of Tennessee  
101 University Street  
Martin, TN 38238  
Mike Davis  
901-587-7640

University of Oklahoma  
2921 S. Monitor  
Norman, OK 73019  
Gordon Carter

Miami Dade College  
11011 S.W. 104<sup>th</sup> Street  
Miami, FL 33176  
Lesia Moyer, Buyer  
305-237-2402

Cedar Valley College  
3030 N. Dallas Avenue  
Lancaster, TX 75134  
972-860-8228  
Purchasing Agent

Hauppauge Schools  
Whiporwil School, Hoffman Lane  
Hauppauge, NY 11788  
Ed Spear  
631-761-8214

College of William & Mary  
115 Grigsby Drive  
Williamsburg, VA 23185

Murray State University  
615 Gilbert Graves Drive  
Murray, KY 42071

Norwich University Facilities  
Hayden Bldg.  
Northfield, VT 05663

University of Maine  
R.B. Allen Company, Inc.  
131 Lafayette Road  
North Hampton, NH 03862  
Robert Allen  
207-939-2134

# Public Safety Systems, Inc.

100 Arnold Lane  
Paragould, AR. 72450  
870-236-0487  
Cell 870-236-0486



## Name / Address

City Of Jonesboro  
410 W. Washington  
Jonesboro, AR. 72401

## Date

8/20/2008

## Estimate #

1009

## BID PROPOSAL

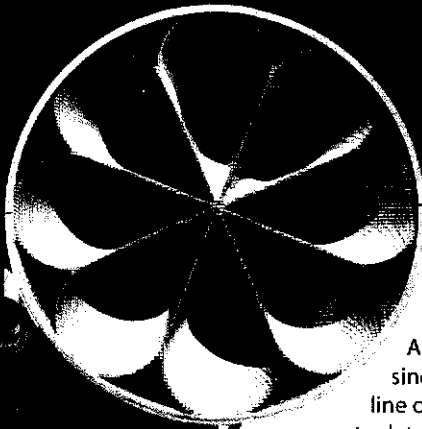
Qty	Description	Rate	Total
38	American Signal - AC/DC Motor Control 128 UL Listed w/ 48 volt transformer / NEMA enclosure / 2way UHF radio control, current sensor, 2 tone secondary control, Omni Directional Antenna	5,965.71	226,696.98T
38	American Signal Tempest T-128 Rotating Siren 48v. DC UL Listed w/ pole mount	5,774.51	219,431.38T
26	Removal of Existing Control Units, Siren Heads, Electrical Conduits	1,000.00	26,000.00T
4	Removal of existing poles that are in need of replacement.	800.00	3,200.00T
16	Installation of Tempest 128 Siren Head, AC/DC Motor Control, New electrical Service and Conduits, including 60' Class II Wood Pole	4,850.00	77,600.00T
22	Installation of Tempest 128 Siren Head, AC/DC Motor Control, New electrical Service and Conduits, using existing pole	3,450.00	75,900.00T
1	American Signal CSC-960FSK Central Station Controller	3,423.28	3,423.28T
1	Compuert Management Software Pre Loaded to Dell Windows based PC w/ 17" Flat Panel Monitor, and Ink Jet Printer	4,344.33	4,344.33T
1	Network Driver, Internet Monitoring and Control	750.00	750.00T
1	Primary Dispatch Control Radio for CSC-960 controller with, Antenna & Coax, Battery Backup Power Supply/ Installed	2,775.00	2,775.00T
2	Secondary Activation UHF Radio, Antenna & Coax, Battery Backup Power Supply/ Installed	2,775.00	5,550.00T
1	Freight ( Applicable Sales Tax added at time of purchase.) 25% Down with order placement	3,500.00	3,500.00T

**Subtotal** \$649,170.97

**Sales Tax (0.0%)** \$0.00

**Total** \$649,170.97

# T-128



*We challenge you to compare our sirens & control systems with any manufacturer's!*

ASC's many years of experience in the warning system industry since 1942 has culminated with the advent of the Tempest™ line of most reliable and coverage effective sirens on the market to date.

Available in low-cost AC operation, DC battery pack operation, and True UPS design with AC power as the main supply source and DC battery backup in the event of a power failure.

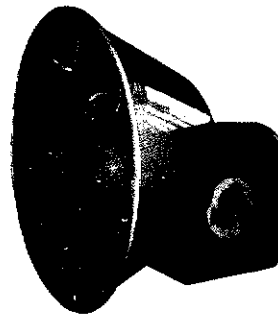
The Tempest™ T-128 is designed to be maintenance free. Many composite components are used to reduce or eliminate the damaging effects of harsh environmental conditions. All ASC high powered siren systems are constructed using stainless steel hardware.

ASC can also provide all control components such as the siren control, radio decoder (optional), and service disconnect to one mounting channel which is pre-wired at the factory. The mounting configuration reduces field installation mistakes as well as installation time and cost.

## Siren Design Characteristics

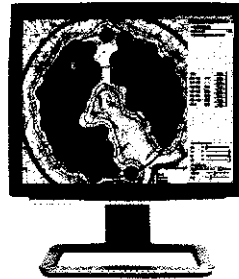
The T-128 siren utilizes aluminum sound-producing components which are covered in color-impregnated fiberglass to eliminate rusting and painting maintenance.

Sirens are mounted directly over the center mounting poles so that guy wires are not required.



## Customize our systems to your specifications

The Tempest™ can be connected to your personal computer and monitored from anywhere with the addition of one of our CompuLert™ graphic user interface options. Our expert team can custom create an Early Warning or Mass Notification System to suit your specific needs and maximize life saving potential.



Learn more at:

[www.AmericanSignal.com](http://www.AmericanSignal.com)

- Rotational directional design, 360° coverage

- No maintenance on siren head EVER!

- System can be configured for AC operation, DC operation, or True UPS backup

- Direct Drive Rotation Design eliminates chains and belts that will fail and require maintenance

- Factory sealed motor bearings eliminates maintenance

- Stainless Steel Hardware with a 5 year parts warranty

- UL Listed

- Screened air intake and output.

Please E-mail us at [ContactUs@americansignal.com](mailto:ContactUs@americansignal.com) to learn more!

# AMERICAN SIGNAL CORPORATION



# T-128

## T-128 at 70dB\*

Competitor F at 128dB

ASC's T-121



## SYSTEM SPECIFICATIONS

Tempest-128	128 dB @ 100ft.
Output Frequency	500 Hz
AC Power Voltage	120/240 v DC 50/60 Hz
Operational Voltage	48 v DC
AC Control	40 Amp Service AC
Battery Charge Current	4 Amps (max)
Duty Cycle	30 min.
Battery Standby Duration	21 Days
Operation Temperature	-40°C to 60°C
Storage Temperature	-65°C to 125°C
Humidity	0%-100% (non-condensing)
Wind Speed	150 Mph
LxHxW	
Siren Weight	275 lbs.
DC Control Cabinet	210 lbs.
AC Control Cabinet	59 1/2"x65"x57"

STANDARD  
ALERT

ATTACK

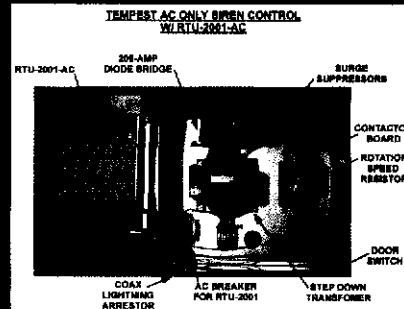
FIRE

UNITED STATES POST OFFICE



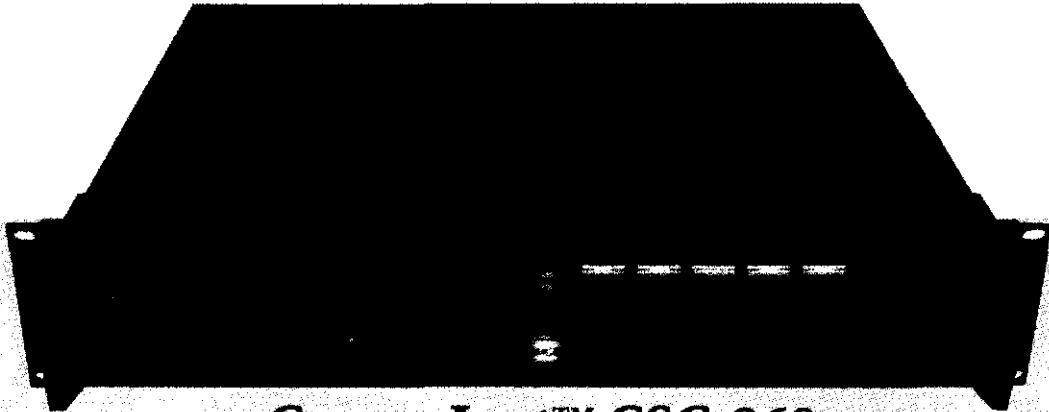
## INSTALLATION

For maximum sound dispersion, siren should be mounted 15-55' above grade. An optional pole mount is available for mounting the poles on a standard wooden utility pole. The center mount, low silhouette siren design eliminates the need for support wires. The siren can also be mounted on proper structures such as roofs, towers, etc. Mounting brackets for these applications and additional installation accessories are available from American Signal.



# CSC-960™

## Command and Control System



### CompuLert™ CSC-960

The **CSC-960™** encoder combines maximum flexibility with convenience of operation for new or existing "Outdoor Warning Siren Systems" as well as interfacing to interior Mass Notification Systems used for emergency warning. Use it as a stand-alone unit, or in multiple-controller arrangements of a 1-way or 2-way control system. Compatible with both DTMF or digital FSK data-tone protocols, it may be used to upgrade your existing equipment, or as a controller for your new warning system. For enhanced operation, connect the **CSC-960™** to a new or existing PC using a Windows operating system.

Designed with mounting in mind, the **CSC-960™** is easily installed on a desktop, in a 19" rack-mount configuration, or integrated into an existing dispatch console to conserve space.

The **CompuLert™ CSC-960™** configuration is determined by the feature set you need as well as the number of RTUs required for sirens and building system interface. For 2-way systems with up to 15 sirens, the **CSC-960™** and printer will provide critical status information relating to the operational status of the warning siren equipment. Beyond 15 sirens, the PC Windows adjunct is generally more suitable. For large systems, or where communities require the benefit of enhanced control system(s) features, an operator work station can be provided to include the powerful **CompuLert™** software for "automatic event" report generation, and other convenient features. Now the **CSC-960™** will also upload and download (all) command sequences from the PC or operate independently of the PC, when simple, fast, push button activation only is required.

Installation and operation is easy! Just plug it in to any 110 VAC, 60 Hz service outlet, connect it to your radio transmitter, turn on the power, and push the tone-signal/siren(s) button(s) to activate the equipment. The **CSC-960™** comes standard with battery back-up and should AC power fail, it will remain operational for a minimum of eight hours. The **CSC-960™** also provides continuous operation despite operator workstation failure.



**AMERICAN  
SIGNAL CORPORATION**

# CompuLert™

CompuLert™ is the recognized industry leader in data telemetry computing of two-way "Outdoor Warning Siren" activation and monitoring equipment. With nearly 25 years of experience, it excels in meeting community, industrial, and nuclear safety application needs. CompuLert™ continues to be the choice of customers who are serious about public safety.

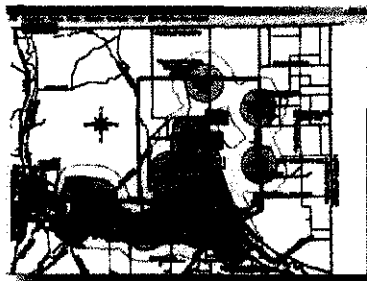
## Each CompuLert™ Telemetry System Consists of:

1. CompuLert™ Windows compatible software
2. Digital Universal Siren Controllers
3. CSC-960™ Encoder
4. Optional RTU Interface controllers for interfacing to interior voice warning systems thereby providing coordinated information "inside and outside"

We enjoy excellent, long-term relationships with our customers. The feedback we have received over the years has served as the building blocks of CompuLert's™ powerful and leading-edge features and options. For example, from a "dropdown" programmable menu, you can easily energize any combination of over 3,000 individually addressable digital universal controllers for sirens, interfaces to interior systems, tone-alert radios, and weather stations. When specific area notification is required, choose from 1 to 99 programmable groups, or an individual siren.

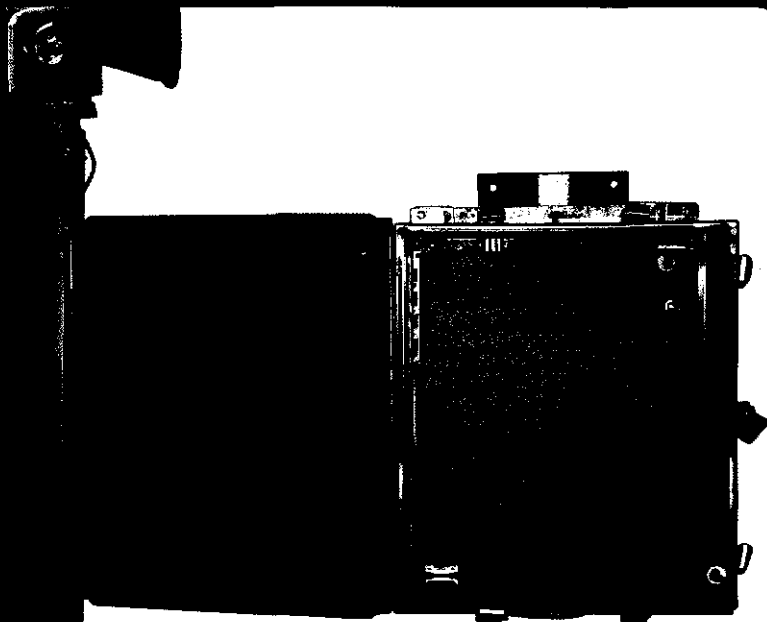
User programmable pre-scheduled testing and polling are easily accomplished from the programming menu. Just select the date, time(s) of day, and number of times per month you wish to run tests. Select from up to nine interactive maps, ranging from county-wide to individual community map views - perfect for county systems where dispatchers activate sirens for their community.

Multiple tone signals, live P.A., and pre-recorded messages are easily activated from CompuLert's™ control equipment, enhancing the performance of any electromechanical or electronic siren system.



**AMERICAN  
SIGNAL CORPORATION**

# UNIVERSAL-RTU

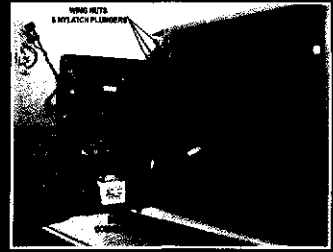


The **Universal Remote Terminal Unit (U-RTU)™** is a powerful and innovative siren controller capable of both control activation and data acquisition or local data processing only.

The results of over 25 years of experience satisfying our customers, the **U-RTU™** siren controller is designed to provide unparalleled flexibility, offering digital FSK, DTMF, and TTS tone and data decode compatibility, as well as radio communication bandwidth versatility. The **U-RTU™** is capable of being activated and tested from multiple encoder locations.

In Two-Way Control and Status system, siren activation and the monitoring of siren operation, or fault conditions, are accomplished in the **U-RTU's™** computer.

Combine our standard **U-RTU™** with our **CompuLert™ CSC-960™** central encoder for any electromechanical or electronic voice siren.



- Can be configured for one way or two-way control & status monitoring.
- Communications interface include VHF, UHF, 800 and 900 Mhz conventional and trunking systems, as well as telephone dial up or hardwire, wireless IP and satellite.
- RS-232 & RS-485 Communication ports standard.
- I/O 16 digital standard.
- Local test/activation buttons, and an optional external activation kit for hardwired local control.
- Optional 8 channel analog cards available for interface to sensors such as meteorological stations, flood levels, nuclear ring, pumps, etc.
- Battery back-up available when required.



**AMERICAN**  
**SIGNAL CORPORATION**