May 2, 2022

James Kapitan, Portfolio Commissioner
Cass County Commission
Cass County Courthouse
Fargo, ND 58103

Re: Request to purchase

Agenda Item: Action Requested

Chairman Rick Steen,

The Cass County Sheriff's Office is requesting to purchase four (4) David Clark blue-tooth headsets for the airboats to be compatible with the new ARMER radio system.
The David Clark blue-tooth headsets were not figured into the original cost with the new radio system and therefore, there are no communications that will work on the airboats at this time.
The total cost is **$ 10,061.00**. This would be a budget adjustment to the Cass County Sheriff's Office and will be incorporated with our existing budget.

> *Suggested Motion: Move to authorize the Cass County Sheriff's Office to purchase* a 4 David Clark Headsets to be used on the Airboats in the amount of *$ 10,061.00*

Should you have any questions, please contact me.

Respectfully,

Dean J. Haaland
Chief Deputy
Cass County Sheriff's Office

Cass County Sheriff	**Cass County Sheriff**	**Cass County Jail**
Law Enforcement Center	**Courthouse**	450 34th Street South
1612 23rd Avenue North	211 9th Street South	Fargo, North Dakota 58103
P.O. Box 488	P.O. Box 488	Phone: 701-271-2900
Fargo, North Dakota 58107-0488	Fargo, North Dakota 58107-0488	Fax: 701-271-2967
Phone: 701-241-5800	Phone: 701-241-5800	
Fax: 701-241-5806	Fax: 701-241-5805	

Wireless and wired headset communication systems for enhanced safety, hearing protection and clear communication

FIRE/EMS VEHICLE COMMUNICATION SOLUTIONS

David Clark

WWW.DAVIDCLARK.COM

DAVID CLARK COMMUNICATION SYSTEMS FOR FIRE/EMS PERSONNEL

Every second counts, both en route and at the scene. There's no time for repeating commands and no margin of error for miscommunication. That's why thousands of fire departments and EMS personnel rely on our communication solutions. David Clark wireless and wired systems feature durable, quality-made headsets and related system components to provide clear communications above the roar of engines and sirens to enhance the safety and performance of firefighting and EMS professionals.

WIRELESS SERIES 9900

(((WIRELESS)))

WIRELESS MOBILITY PROMOTES SAFETY FOR FIRE/EMS OPERATIONS

David Clark Series 9900 Wireless Headset Communication Systems provide maximum freedom and mobility as well as clear communication for fire apparatus and emergency vehicles. Crew members move about freely and easily without being tethered to a fixed position. Communication is clear and safety is dramatically improved.

Wireless systems are compatible for use with existing David Clark Company Series 3800 wired intercom systems and with most HF, VHF and UHF radios.

SYSTEM COMPONENTS: HEADSETS

H9940
- *Behind-the-Head*
- *Dual Ear Noise Reduction Rating: 23dB*

H9941
- *Behind-the-Head*
- *Single Ear (Slotted Dome)*
- *Audible Ambient Sound*

Features

- Rugged construction, all hardware marine-grade stainless steel
- Dynamic earphones with stainless steel retainers
- Immersion-proof, M-87 type, noise-cancelling microphone
- Water-tight volume controls
- Undercut, 'Comfort-Gel' ear seals cradle the ear for secure yet comfortable fit
- Adjustable overhead support assembly
- Many other headset styles available

Visit www.davidclark.com/wireless for complete wireless headset listings and specifications

SYSTEM COMPONENTS: GATEWAY

The U9922-G38 Gateway acts as a relay for all audio between Belt Stations and existing wired intercom system (Series 3800).

U9922-G38
3800 Gateway

Features

- Hands-free, full-duplex intercom
- Provides range of up to 300 feet (line-of-sight) to all linked Belt Stations
- Several Gateways can be tied together to expand the number of wireless users
- Multiple independent Gateways operate in same RF vicinity with no cross-talk
- Compatible for use with most mobile radios
- Easy, seamless integration to existing 3800 systems
- Can also be used as a stand-alone intercom system for up to 4 wireless users
- EU version available: U9922-G38(EU)

U9925-GEM
Gateway Expansion Module

The U9925-GEM Expansion Module allows up to four 3800 Gateways to operate as a single wireless system for up to 16 users.

Features

- Interface for up to four 3800 Gateways
- Eliminates the need for a wired system component for wireless-only systems of more than four users
- Power from 8-32 VDC source via **C98-20PW** Power Cord (20 ft. length)
- Weather-resistant enclosure
- Water-tight, marine-grade connector assemblies

SYSTEM COMPONENTS: BELT STATIONS

Belt stations transmit and receive all system audio, to and from the Gateway and user's headset.

U9910-BSW
Ideal for engineers, officers, or other personnel requiring radio transmit capability

- Hands-free, full-duplex, voice-activated (VOX) intercom communication
- EU version available: U9910-BSW (EU)

U9913-BSW
Perfect for jump seat applications requiring intercom-only communications (no radio transmit capability)

- Same as U9910-BSW, except PTT acts as VOX override only (no radio transmit capability)
- EU version available: U9913-BSW(EU)

Features

- Accommodates any Series 9900 wireless headset
- DECT-based technology provides secure signaling and prevents unwanted 'cross talk'
- Marine-grade, water-tight, impact-resistant enclosure for rugged durability and reliability
- Audible voice prompts confirm link, range and battery status
- Rubberized outer skin provides impact protection and is oil, water and UV resistant (color varies by model)

Visit www.davidclark.com/wireless to see complete specifications for all Series 9900 Gateways and Belt Stations

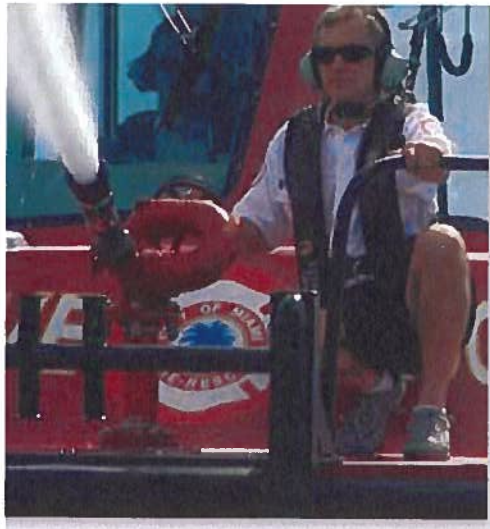## (((WIRELESS)))

SYSTEM COMPONENTS: CORD ASSEMBLIES

The Series 9900 Wireless Communication System is complemented by a variety of cord assemblies offering interface options to other wired or wireless system modules, mobile radios or DC power sources. Rugged, weather-proof MS connectors offer reliability and ease of installation.

C99-22PW POWER CORD	C98-20PW POWER CORD	C99-20MS GATEWAY INTERFACE CORD	C38-XX JUMPER CORD	C3821 RADIO INTERFACE CORD

■ Used with U9922-G38 for a stand-alone wireless system for up to four users

■ 20 ft. length with connection to U9922-G38 system input and 8-32 VDC power

■ Used with U9925-GEM for multiple Gateway stand-alone wireless systems

■ 20 ft. length with connection to U9925-GEM power input and 8-32 VDC power

■ Used to connect up to four U9922-G38 units to a U9925-GEM, for a stand-alone wireless system for up to 16 users

■ 20 ft. length with connection to U9922-G38 and U9925-GEM system inputs

■ Used to interface U9922-G38 and Series 3800 system components

■ Available in -12, -25, -35, -50, -75 and -100 ft. lengths (number after dash indicates length in feet)

■ Connects Gateway and Series 3800 Radio Interface Modules to mobile radios

■ 21 ft. length with connection to Gateway or Series 3800 radio input

Visit www.davidclark.com/wireless for complete cord specifications and installation instructions 👆

SYSTEM CONFIGURATION (3800 RETROFIT)

SYSTEM CONFIGURATION (STAND ALONE)

BATTERY CHARGER: A99-14CRG1

■ Accommodates 4 each Li-Polymer Batteries
■ LED indicators for individual charge status
■ Fully charge batteries in 3-4 hours

DC Power Cable Kits:

■ C99-14DC1 (12VDC), 20 ft.
■ C99-14DC3 (12VDC), 10 ft.
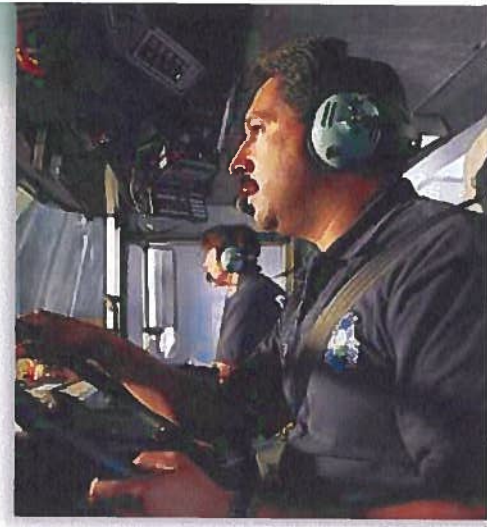■ C99-14DC2 (24VDC)

Li-Polymer batteries (p/n 40688G-90) provide up to 24 hours continuous use when fully charged.

NOTE: Chargers are not sealed units, and are not intended for installation in wet or corrosive environments.

SERIES 3800 VEHICLE INTERCOM SYSTEM

David Clark **Series 3800 Wired Vehicle Intercom Systems** enable personnel to communicate clearly during call response and at the scene — without interference from engine noise and sirens. They include the option of connecting to mobile radios, allowing all personnel to hear all radio traffic and enabled positions to transmit over the radio. Modular design reduces costly downtime on installation or module replacement. All system components are weather-tight for reliable performance under severe conditions. The Series 3800 also provides versatility for installation on Fire Apparatus, Ambulances, Rescue Boats, Utility, Construction and Paint Striping vehicles.

SYSTEM COMPONENTS: HEADSETS

H3442
Behind-the-Head • Dual Ear

H3492
Over-the-Head • Single Ear

Features

- Compatible with all Series 3800 Headset Stations
- M-7A electret, noise-cancelling microphone
- Patented hybrid wire-flex boom assembly, 280 rotating, for perfect mic placement
- Microphone on/off switch
- Dynamic earphone elements
- Low-tension headband assembly
- Undercut 'Comfort-Gel' ear seals for superior comfort
- Heavy-duty, 4 conductor, shielded, 6 ft. extended coil cord
- Rugged, quality construction
- Certified NRR: 23 dB (dual ear models)

H3441
Behind-the-Head • Single Ear (Slotted Dome)

H3432
Over-the-Head • Dual Ear

View details on these and other compatible headset options at www.davidclark.com/IntercomSys/3800System

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HEADSETS AND ADAPTERS FOR TWO-WAY RADIOS

David Clark noise-attenuating headsets with noise-cancelling microphones facilitate clear and effective reception and transmission on portable two-way radios. A variety of headset styles and configurations — with and without adapters — are available for virtually hundreds of two-way radio makes and models.

Find the right headset for your two-way radio at www.davidclark.com/twoway

Series 6200 Radio Direct *headsets connect directly to your two-way radio without the need for an adapter.*

Series 6700 Intrinsically Safe Radio Direct *headsets are also available for potentially hazardous or explosive environments*

SERIES 3800 VEHICLE INTERCOM SYSTEM

SYSTEM COMPONENTS: INTERCOM-ONLY MODULES

Series 3800 intercom-only modules provide hands-free, full-duplex intercom communication for all personnel inside the vehicle. Intercom-only users have the ability to hear all radio traffic interfaced via radio interface modules elsewhere in the system. Single or dual headset modules are available for greater design versatility.

U3800
Master Station

- Heart of any 3800 system configuration (one each required per system)
- Accommodates two intercom-only headsets; includes individual volume controls
- Master system volume control
- Automatically adjusts for 12 or 24 VDC power source

U3801
Remote Headset Station

- Accommodates one intercom-only headset; includes volume control
- System input only, does not branch out to other system modules

U3802
Remote Headset Station

- Accommodates one intercom-only headset; includes volume control
- Allows branching out to other system modules

U3806
Dual Headset Intercom Station

- Accommodates two intercom-only headsets; includes individual volume controls
- Allows branching out to other system modules

> **Find complete module specifications and operation/installation instructions at**
> **www.davidclarkcompany.com/fire-rescue/intercom-modules.php**

SYSTEM COMPONENTS: RADIO INTERFACE MODULES

Series 3800 radio interface modules afford the same intercom functionality as intercom-only modules, with the added capability of radio transmit over one or several mobile radios. All radio traffic interfaced through these modules can be heard by all users throughout the system. Additional options such as remote radio PTT help to make the Series 3800 a truly complete communication solution.

U3811
Radio Interface Headset Station

- Accommodates one headset; includes volume control
- Connectivity for one radio, and PTT switch for radio transmit
- System input only, does not branch out to other system modules

U3815
Radio Interface Headset Station

- Accommodates one headset; includes volume control
- Connectivity for one radio, and PTT switch for radio transmit
- Allows branching out to other system modules
- Accepts Footswitch (40071G-04) or other remote radio PTT option
- **U3815A**: Same as U3815, but also accepts C3023 Belt Station

U3814
Multi-Radio Interface Headset Station

- Accommodates one headset; includes volume controls for headset and radio receive
- Connectivity for up to four radios, selected via rotary radio select switch
- Radio PTT switch for selected radio; red LED indicator confirms transmission
- Accepts Footswitch (40071G-04) or other remote radio PTT option, and C3023 belt station
- Connection for speaker cut-out option
- Allows branching out to other system modules

U3816
Dual Radio Interface Headset Station

- Accommodates one headset; includes volume control
- Connection for two radios, with individual radio receive volume controls and radio PTT switches
- Accepts Footswitch (40071G-04) or other remote radio PTT option, and C3023 Belt Station
- Allows branching out to other system modules

SERIES 3800 VEHICLE INTERCOM SYSTEM

SYSTEM COMPONENTS: SPECIALTY MODULES

Series 3800 specialty modules can help to add functionality and versatility to system designs, streamline installation and complement unique configuration requirements for more complex applications.

U3810
Radio Interface Module

- Provides radio transmit and receive from single radio to all 3800 system positions
- One system input, one radio input and two remote PTT connections
- Recommended for 2-3 position systems only (all intercom users transmit upon radio PTT)

U3803
Intercom Remote Junction Module

- Used to expand system beyond the Master Station
- Allows branching out to other system modules

U3805
Radio Remote Junction Module

- Collects radio cables from multiple radio interface modules, and terminates to a single radio interface
- Four radio input connections (1 primary, 3 secondary), and one radio output connection

C3821-05
Radio Interface Cord

- Connects any Series 3800 Radio Interface Module to U3805 for simplified installation

SYSTEM COMPONENTS: ANCILLARY EQUIPMENT

C3023
Belt Station

- Provides remote intercom, radio PTT, listen level control and 15 ft. coil cord extension

C3820
Power Cord

- 20 ft. length, for U3800 power connection (12 or 24 VDC)

40071G-04
Footswitch, Remote PTT

- 15 ft. cord length, for modules with remote radio PTT connection

40666G-01
Headset Adapter

- Series 6000 Two-Way Headset adapter for Series 3800 system modules provides portable radio headset versatility

UTILITY RADIO ADAPTERS

Multiple utility radio adapter options are available for mobile-radio-only interface connectivity for engine pump panels or other remote locations.

For detailed information on ancillary product options visit
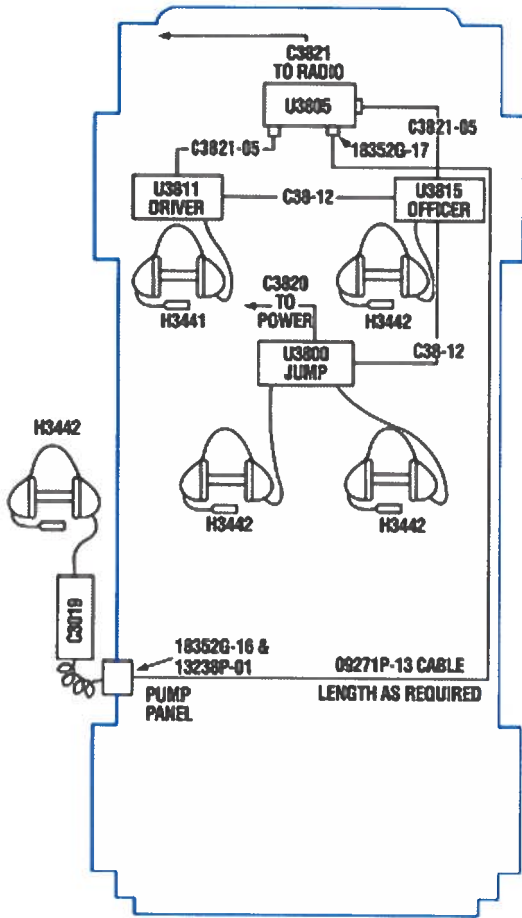**www.davidclarkcompany.com/fire-rescue/radio-modules.php**

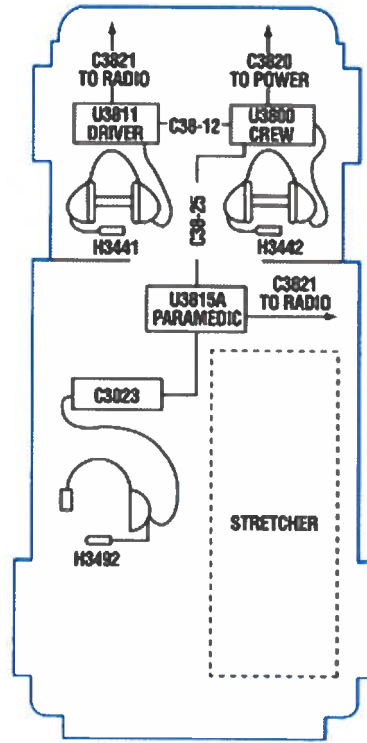# FIRE/EMS VEHICLE COMMUNICATION SOLUTIONS

SYSTEM CONFIGURATION
(SERIES 3800, ENGINE WITH PUMP PANEL)

SYSTEM CONFIGURATION
(SERIES 3800, AMBULANCE)

For additional sample configurations, installation instructions and optional equipment visit
www.davidclarkcompany.com/fire-rescue/system-layouts.php

CUSTOMER SERVICE

We stand firmly behind our products and our customers with the most outstanding customer service and support in the industry. Our dedicated professionals strive to meet or exceed your expectations, whether answering questions about our products, warranty agreements and service policies, helping you learn how to use our products more effectively, or keeping you informed about recent developments so our technology can serve you better. Our commitment to quality, performance and total service encompasses not only our products, but the people that stand behind them.

For more information visit **www.davidclark.com** or call our Customer Service professionals directly at **800-298-6235** (508-751-5800 outside the U.S.A.).

Made In USA

19544P-84 (3/14)

MidStates Wireless

QUOTATION

205014776

Bill To:

Cass County Sheriff Dept
P.O. Box 488
Fargo, ND 58107-0488

Ship To:

Cass County Sheriff Dept
P.O. Box 488
Fargo, ND 58107-0488

Attn: Accounts Payable

Date: 03/30/2022	Customer Rep: Jon Wiser		Terms: Due Upon Receipt	
Qty	Item	Description	Unit Price	Extended

Subtotal :			$10061.10
Tax :			$0.00
Total Quote :			$10061.10

Quote valid for 30 days

Quotes exceeding $10,000 are subject to a 50% down payment. If applicable, progress payments may be required.