

Net Control Business Script and Net Report

1.1 BUSINESS SCRIPT DIRECTIONS

Please follow the directions listed below when using the script.

- a. The text within quotes should be broadcast to the net as written.
- b. Notes within the script provide additional information to the NCS. They are displayed in **Blue** and should not be broadcast to the net.
- c. The place holders **<NCS FCC Call sign>**, **<FCC Call sign>**, and **<Name>** should be replaced with the FCC Call Sign and name of the individual identified in the script.
- d. The **ACTION** statements within the script describe the actions to be performed by the NCS or the station called by the NCS. They are displayed in **Red** and should not be broadcast to the net.

1.2 BUSINESS SCRIPT

The following business script was used during the PinCo ACS Winlink Training Net that took place on January 18th, 2023.

1.2.1 Net Announcement.

“Good evening to the net. Hopefully, everyone has had an opportunity to download the detailed Winlink Training Bulletin and ICS 204, Assignment List, that was posted to the [PinCo ACS Web site](#).”

“As a reminder, the information posted on the website contains the information needed to support the net. Specifically, it will provide you with the training net objectives; network type, date, time, and duration of the net; a description of net activities; the

location of any additional material needed to support the net; and detailed instructions for performing planned net activities.”

“First I want to review the information located on the ICS 204, Assignment list.”

ACTION – Brief the Net on the contents of the ICS 204

“Before we get started with the business of the net, do I have any questions or comments about tonight’s activities, the Winlink Training Bulletin, or the information presented in the ICS 204?”

ACTION – Acknowledge comments and questions.

1.2.2 Winlink Check-in Form.

The NCS will identify the recipients of the check-in message and then request that each net participant notify net control when they are ready to send their message to the net.

“Our first task this evening is the Winlink Check-in form. Each net station is requested to create a Winlink Check-in message and then deliver a copy of the message to the NCS and the PinCo ACS Admin Officer.”

“All stations, please notify net control when you are ready to deliver your Winlink Check-in message to the net. This is <NCS FCC Call sign> standing-by.”

ACTION – Wait for each net station to notify the NCS that they are ready to send Digital traffic.

“This is <NCS FCC Call sign>, <FCC Call Sign> please send your digital traffic and notify net control when the digital exchange is complete.”

ACTION – Wait for <FCC Call Sign> to notify Net Control

1.2.3 Winlink GPS / Position Report.

The NCS will request that each station create a GPS / Position report and post the report to Winlink.

“Now that everyone has generated a Winlink Check-in message, we’ll proceed to the next objective of tonight’s net. During this portion of the net, each net participant will create a Winlink Position report and post the report to the [Winlink Website](#). Once reported, the Winlink Common Message Server (CMS) displays the report on a position map located on [Winlink’s web site](#) and forwards the data to the Automatic Packet Reporting System-Internet System (APRS-IS). Anyone with internet access can view these position reports.”

“To create a GPS position Report, net participants will need to select the “GPS / Position Reports...” option from the Settings menu. Once the menu is open, each user will need to enter the current date, time, longitude, and latitude. In the Comments section, enter PinCo ACS Winlink Training.”

“If your system is configured with a GPS interface, the time and location fields will be updated automatically. Otherwise, you will need to enter the data manually.”

“Do I have any questions about the GPS / Position Report?”

ACTION – Acknowledge comments and questions.

“All stations please create a GPS / Position report. Please notify net control when you are ready to send your digital traffic. This is <NCS FCC Call sign> standing-by.”

ACTION – Wait for each net station to notify the NCS that they are ready to send Digital traffic.

"This is <NCS FCC Call sign>, <FCC Call Sign> please send your digital traffic and notify net control when the digital exchange is complete."

ACTION – Wait for <FCC Call Sign> to notify Net Control

1.2.4 Winlink ICS 213 General Message Exchange.

Assist net participants with the steps needed to create an ICS 213 general message response form.

"During this segment of the net, the NCS will send each net participant an ICS 213 General Message. Once you have received the message, each net participant will need to create an ICS 213 Response message containing the requested information."

"Do I have any questions before we proceed?"

ACTION – Acknowledge comments and questions.

"Not hearing any more questions, I will now send my message traffic to all net participants. Please stand by while net control sends its digital traffic."

ACTION – NCS Sends Digital Traffic

"This is <NCS FCC Call sign>, the net control station for the PinCo ACS Winlink Training net. I have completed sending my digital traffic. Each net station will need to open a new Winlink session and download all pending messages. Please notify Net Control when you can acknowledge receipt of the ICS 213 General Message. This is <NCS FCC Call sign> standing-by."

ACTION – Wait for each net station to Acknowledge message receipt.

“Please take a few minutes to read the message. Once you have had a chance to digest the information, please contact net control if you have any questions about how to generate an ICS 213 response message.”

“If you are comfortable with the request, please notify net control when you’re ready to send your digital traffic. This is <NCS FCC Call sign> standing by.”

ACTION – *Wait for each net station to notify the NCS that they are ready to send Digital traffic.*

“This is <NCS FCC Call sign>, <FCC Call Sign> please send your digital traffic and notify net control when the digital exchange is complete.”

ACTION – *Wait for <FCC Call Sign> to notify Net Control*

1.2.5 Winlink Check-out Form.

The NCS will identify the recipients of the check-out message and then request that each net participant notify net control when they are ready to send their message to the net.

“We have one remaining task for tonight’s net. I’ll ask each net participant to deliver a Winlink Check-out message to the net. Once that is complete, we’ll secure the net.”

“So, let’s get started. Each station is requested to create a Winlink Check-out message and deliver the message to the NCS and the PinCo ACS Admin Officer. Be sure to include your Winlink Express and template version numbers in the comment section of the message.”

“All stations, please notify net control when you are ready to deliver your Winlink Check-out message to the net. This is <NCS FCC Call sign> standing-by.”

ACTION – *Wait for each net station to notify the NCS that they are ready to send Digital traffic.*

“This is <NCS FCC Call sign>, <FCC Call Sign> please send your digital traffic and notify net control when the digital exchange is complete.”

ACTION – *Wait for <FCC Call Sign> to notify Net Control*

1.2.6 Net Shutdown

- a. Once each Winlink Check-out message has been received, the NCS will announce the following information to the Net.

“That completes tonight’s planned training activities.”

- b. Following the ACS Training Officer Announcement, the NCS will send a Net Report Message to the net manager.
- c. After sending the message, the NCS will Deactivate the PinCo ACS Winlink Training Net in accordance with the procedure documented on the PinCo ACS Web site.

PinCo ACS/ARES® Winlink Training Net
18 January 2023

1.3 NET REPORT

The PinCo ACS Winlink Training Net was announced at 1930 hours local time on January 18th, 2023. The net was shut down at 2026 hours local time. The net successfully completed four of five planned activities. The net control station will review each of the messages generated during the net and provide feedback to all participants.

Each net participant successfully delivered a Net Check-in, Net Check-out, GPS Position Report, and ICS 213 Response message. Only one of the three net participants delivered an ICS 214 and ICS 309 message to net control.

The areas that need additional attention during future nets are listed below.

- a. Assigning Message Precedence
- b. Use of Tactical Addresses

1.3.1 Questions and Comments

The following table contains a summary of the comments and questions provided by net participants at the conclusion of the net.

No.	Call Sign	Comments	Response
		No More Questions or comments	

PinCo ACS/ARES® Winlink Training Net
18 January 2023

1.3.2 Net Control Message Traffic

The message shown in Figure 1 was sent by Net Control to each network participant.

General Message (ICS 213) EXERCISE - PinCo Training		
1. Incident Name: EXERCISE 20230118		
2. To (Name/Position): PinCo Training Group		
3. From (Name/Position): Mike Drake / PinCo Training Officer		
4. Subject: P/ EXERCISE - Station Capabilities	5. Date: 2023-01-18	6. Time: 20:04
<p>7. Message</p> <p>EXERCISE</p> <p>Please provide the NCS with the following information</p> <ul style="list-style-type: none">1. License Class2. VHF/UHF Radio and Antenna3. HF Radio and Antenna. Include maximum RF output power4. Back-up power type and size5. Identify each of the Digital capabilities supported.<ul style="list-style-type: none">a. Winlink VARA FM, VARA HF, Packet, PACTOR, AMTORb. APRSc. VarAC, JS8Call, BPSK-31 <p>EXERCISE</p>		
8. Approved by: Michael H Drake Position / Title: PinCo Training Officer		
<div>How to create a reply to this ICS213 <i>You can print this page with your browser, if you need to obtain a written response to enter.</i></div> <p>9. Reply:</p> <div></div>		
10. Replied By: <input type="text"/>	Position / Title: <input type="text"/>	Date / Time: <input type="text"/>
Ver 41.12		

Figure 1. General Message - ICS 213

PinCo ACS/ARES® Winlink Training Net
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The Net Report message shown in Figure 2 was sent to the PinCo net manager via Radio Relay International (RRI) on Saturday January 21st, 2023. The E-mail address and phone number of the net manager has been redacted from the figure.

```
Message ID: 6TFNFGEV2YJ1
Date: 2023/01/21 18:11
From: WA1RYQ
To: RRI-REGION4
Cc: RRI-ARCHIVE
Source: WA1RYQ
Location: 27.854167N, 82.791667W (Grid square)
Subject: QTC 1 R LARGO FL 33770

1 R WA1RYQ 22 SEMINOLE FL 1258L JAN 21
MARK BOYLE W8QFV
620 2ND AVE N
LARGO FL 33770

BT
PINCO ACS/ARES WINLINK TRAINING NET
REPORT X DATE 18 JANUARY
2023 X CHECKINS 5 BULLETINS
0 EXERCISE TRAFFIC PASSED 14
MINUTES 56
BT
MIKE WA1RYQ
AR

[Message receipt requested]
```

Figure 2. PinCo Winlink Training Net Report

PinCo ACS/ARES® Winlink Training Net
18 January 2023

1.3.3 Net Control Log.

The table in Figure 3 contains a list of the stations participating in the net; the tasks completed by each net participant; and the message traffic received by net control. Potential anomalies are reported in red.

Net Name: Pinellas ACS Winlink Training Net Date: 18-Jan-23 Start Time: 1930 Hrs Local End Time: 2026 Hrs Local Voice Freq: 145.170 Mhz W4ACS Repeater												
NO	ROLE	MODE	CALL SIGN	Name	Check-in	GPS Position Report	ICS213 Rcvd	ICS 213 Reply	Check-out	ICS214	ICS309	NOTES
1	NCS		WA1RYQ	Mike								
2			KC4SXO	Bob	YES	YES	YES	YES	YES	NO	NO	
3			KJ4FXX	Ryan	YES	YES	YES	YES	YES	NO	NO	
4			W7WMS	Will	YES	YES	YES	YES	YES	YES	YES	
5		MOBILE	K4KSA	Steven								Check-in Only
6												
7												

Figure 3. Net Control Log

1.3.4 Position Reports

Each member of the training net successfully submitted GPS position reports to Winlink. The blue tear drops shown in Figure 4 identify the locations reported by each net participant.

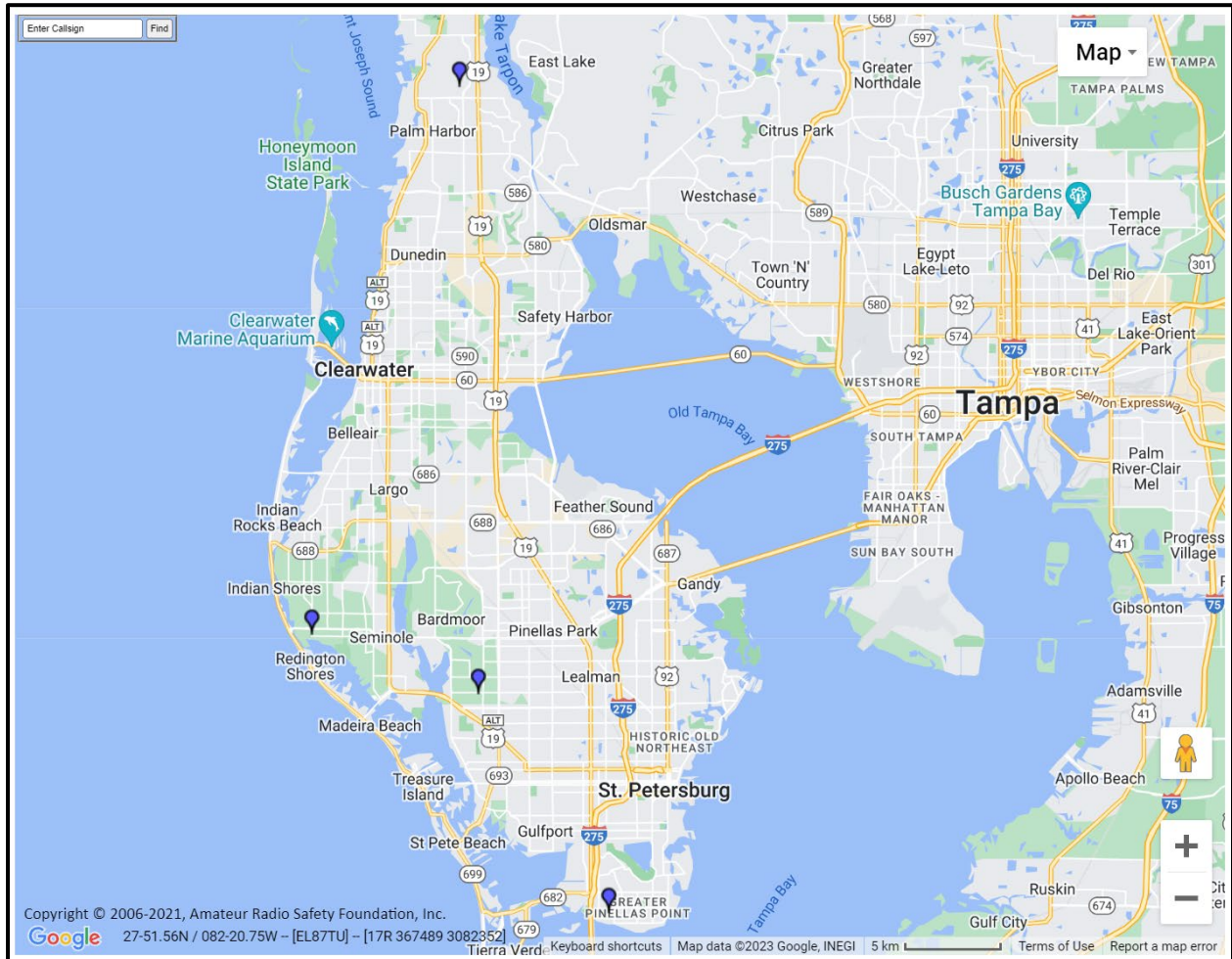


Figure 4. Position Reports - PinCo Winlink Training Net

1.3.5 ICS 309 Communications Log

The ICS 309 shown in Figure 5, Figure 6, and Figure 7 was generated by the Net Control Station, <NCS FCC Call sign> , and documents all the Winlink traffic send and received by the net control station during the January 18th, 2023, PinCo ACS Winlink Training Net.

PinCo ACS/ARES® Winlink Training Net
18 January 2023

COMMUNICATIONS LOG		TASK # 20230118	DATE PREPARED: 2023-01-21 TIME PREPARED: 07:31
OPERATIONAL PERIOD # 20230118 0800 Local to 20230119 2200 Local		TASK NAME: 20230118 PinCo Winlink Training Net	
RADIO OPERATOR NAME: Michael Drake			STATION I.D. WA1RYQ
LOG			
TIME	FROM	TO	SUBJECT
2023-01-18 15:32	WA1RYQ	W7WMS	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KO4QS	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KD4MZL	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KA4EBX	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KJ4RUS	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	N4BCK	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KD4BMG	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	WR6N	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KC4SXO	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KI4RVU	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	K4VEB	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KO4PFV	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KG4HNS	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KJ4FXX	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	KM4DYD	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	NF3E	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	K4FLM	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	K4KSA	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:32	WA1RYQ	K1NLS	PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 15:34	SERVICE	WA1RYQ	Undelivered Message
2023-01-18 15:49	WA1RYQ	W7WMS	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KO4QS	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KD4MZL	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KA4EBX	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KJ4RUS	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	N4BCK	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KD4BMG	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	WR6N	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KC4SXO	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KI4RVU	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
Page 1 of 3			ICS 309
ICS-309 report generated by Winlink Express 1.7.4.0			

Figure 5. Net Control Communications Log - ICS 309 - Page 1

PinCo ACS/ARES® Winlink Training Net
18 January 2023

COMMUNICATIONS LOG		TASK # 20230118	DATE PREPARED: 2023-01-21 TIME PREPARED: 07:31
OPERATIONAL PERIOD # 20230118 0800 Local to 20230119 2200 Local		TASK NAME: 20230118 PinCo Winlink Training Net	
RADIO OPERATOR NAME: Michael Drake			STATION I.D. WA1RYQ
LOG			
TIME	FROM	TO	SUBJECT
2023-01-18 15:49	WA1RYQ	K4VEB	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KO4PFV	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KG4HNS	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KJ4FXX	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	KM4DYD	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	NF3E	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	K4FLM	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	K4KSA	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:49	WA1RYQ	K1NLS	ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 15:50	SERVICE	WA1RYQ	Undelivered Message
2023-01-18 16:33	K1NLS	WA1RYQ	Jan 18th Exercise
2023-01-18 17:13	WA1RYQ	K1NLS	Re: Jan 18th Exercise
2023-01-18 18:37	W7WMS	WA1RYQ	ACK: ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 18:37	W7WMS	WA1RYQ	ACK: PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 19:08	WA1RYQ	QTH	Position Report
2023-01-18 19:09	SERVICE	WA1RYQ	Position Report Acknowledgement
2023-01-18 19:33	KJ4FXX	WA1RYQ	ACK: PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 19:34	KJ4FXX	WA1RYQ	ACK: ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 19:42	KJ4FXX	WA1RYQ	Winlink Check in Exercise - KJ4FXX - Home
2023-01-18 19:42	KC4SXO	WA1RYQ	Winlink Check in Exercise - KC4SXO - 4531 73rd ST N St Petersburg, FL
2023-01-18 19:42	W7WMS	WA1RYQ	Winlink Check in Net - W7WMS - 2700 65th Ave S, St Petersburg FL
2023-01-18 19:42	W7WMS	PACS-ADMIN	Winlink Check in Net - W7WMS - 2700 65th Ave S, St Petersburg FL
2023-01-18 19:44	KC4SXO	WA1RYQ	ACK: PinCo Winlink Training Net - 18 January 2023 #WA1RYQ-022 Read Soon
2023-01-18 20:05	WA1RYQ	W7WMS	213-EXERCISE 20230118-P/ EXERCISE - Station Capabilities - 2023-01-18 20:04
2023-01-18 20:05	WA1RYQ	KC4SXO	213-EXERCISE 20230118-P/ EXERCISE - Station Capabilities - 2023-01-18 20:04
2023-01-18 20:05	WA1RYQ	KJ4FXX	213-EXERCISE 20230118-P/ EXERCISE - Station Capabilities - 2023-01-18 20:04
2023-01-18 20:06	W7WMS	WA1RYQ	ACK: 213-EXERCISE 20230118-P/ EXERCISE - Station Capabilities - 2023-01-18 20:04
2023-01-18 20:07	KC4SXO	WA1RYQ	ACK: ICS 204 - EXERCISE PinCo ACS 20230118 - 2023/01/18 1547
2023-01-18 20:07	KC4SXO	WA1RYQ	ACK: 213-EXERCISE 20230118-P/ EXERCISE - Station Capabilities - 2023-01-18 20:04
2023-01-18 20:11	W7WMS	WA1RYQ	Re: 213-EXERCISE 20230118-P/ EXERCISE - Station Capabilities - 2023-01-18 20:04
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ICS-309 report generated by Winlink Express 1.7.4.0			

Figure 6. Net Control Communications Log - ICS 309 - Page 2

PinCo ACS/ARES® Winlink Training Net
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[illegible]

Figure 7. Net Control Communications Log - ICS 309 - Page 3