

ALLSTAR LINK

BASIC USER OVERVIEW

By: KØRAR

Some Terms

- ▣ VOIP or VoIP – Voice over Internet Protocol
- ▣ PC – Personal Computer
- ▣ DTMF – Dual Tone Modulated Frequency
 - (Telephone touchpad tones)

My Amateur Radio VOIP+ Background

- ▣ EchoLink:
 - User
 - Registered User: KØRAR (node: 188920)
 - Sysop: KØRAR-L (node: 5135)
- ▣ IRLP
 - User
- ▣ AllStar Link
 - User
 - Registered User
- ▣ D-STAR registered Gateway node operator

What will be covered...

- ▣ Basic comparison of AllStar Link to two popular Amateur Radio VOIP systems from the end user point-of-view

Amateur Radio VOIP Systems

End User Hardware	VOIP Systems		
	AllStar Link	EchoLink	IRLP
DTMF Radio	Yes	Yes	Yes
PC	Yes (1)	Yes (1) (2)	No
Telephone	Yes (1)	Smartphone (1) (2)	No

(1) : Must be a registered system user

(2): Unique Software required -- End User Hardware is a Node

Web Browser's

- ▣ Needs:
 - Java enabled
 - Frames compliant
- ▣ Browser's I have used:
 - IE-8 on XP-Pro
 - IE-9 (32-bit) on 64-bit Win7
 - IE-9 (32-bit) on 32-bit Win7
 - Chrome on XP-Pro, Win7 64-bit

ALLSTAR Link Registration

The screenshot shows a web browser window with two tabs labeled "AllStar Link Network". The address bar displays "https://allstarlink.org/portal/#". The page header features the "AllStar Link" logo on the left and "AllStar Link - VOIP Portal" on the right. A navigation menu includes "Home", "Login", and "Help". A dropdown menu is open under "Login", listing "Login", "Forgot Password", "Register", and "Resend Activation Email". The main content area has a green header bar with "AllStar Link - VOIP Portal" and navigation links "Home | Login". Below this, the text "Welcome to the AllStar Link Network" is displayed above a large, stylized "AllStar Link" logo. A paragraph of text explains the portal's purpose: "The AllStar Link Portal allows licensed Amateur Radio stations to communicate with one another over the Internet, using streaming-audio technology. The program allows worldwide connections to be made between stations, or from computer to station, greatly enhancing Amateur Radio's communications capabilities." The browser's status bar at the bottom shows the URL "https://allstarlink.org/portal/#".

Register

The screenshot shows a web browser window with two tabs titled "AllStar Link Network". The address bar displays "https://allstarlink.org/portal/". The page features a green header with the "AllStar Link" logo on the left and "AllStar Link - VOIP Portal" on the right. A navigation menu includes "Home", "Login", and "Help". A dropdown menu is open under "Login", showing options: "Login", "Forgot Password", "Register", and "Resend Activation Email". A mouse cursor is positioned over the "Register" option. The main content area has a heading "Welcome to the AllStar Link Network" and a large, stylized "AllStar Link" logo. Below the logo, a paragraph explains: "The AllStar Link Portal allows licensed Amateur Radio stations to communicate with one another over the internet, using streaming-audio technology. The program allows worldwide connections to be made between stations, or from computer to station, greatly enhancing Amateur Radio's communications capabilities." The browser's status bar at the bottom shows the URL "https://allstarlink.org/portal/register.php".

Top Half of Page

AllStar Link Registration

Bold fields are required.

– Personal Information

Personal Information	
Please enter your name and address as they are listed in qrz.com or on your license.	
First Name:	Lois
Last Name:	Rude
Address:	636 Nebraska Rd
City:	Richmond
State:	KS - Kansas
Zip/Postal Code:	66080
Country:	US - United States

– Contact Information

Contact Information
Please enter your full email address, for example, name@domain.com
It is important that you provide a valid, working email address that you have access to as it must be verified before you can use your account.
Please enter a contact phone number.
Your phone number will not be shared or used for telemarketing. Your information is protected by our Privacy Policy .

Bottom Half of Page

Please enter a contact phone number.

Your phone number will not be shared or used for telemarketing. Your information is protected by our [Privacy Policy](#).

Email:

We will never sell or disclose your email address to anyone.

Re-enter Email:

Must match the email address you just entered above.

Phone:

A REAL number where we can contact you if necessary.

— Login Information

Login Information

Your password must both be at least 8 characters long and are case-sensitive. Please do not enter accented characters.

We recommend that your password is not a word you can find in the dictionary, includes both capital and lower case letters, numbers, but not any special characters (!, *, _, etc.).

Your password will be encrypted and stored in our system. Due to the encryption, we cannot retrieve your password for you. If you lose or forget your password, we offer the ability to reset it.

Callsign:

May only contain letters, numbers, and must be in all UPPERCASE.

Password:

Must be 8-25 characters long; no special characters allowed.

Confirm password:

Must match the password you entered just above.

Success Response



The screenshot displays the AllStar Link VOIP Portal interface. At the top, there is a green header bar with the AllStar Link logo on the left and the text "AllStar Link - VOIP Portal" on the right. Below the header, a navigation menu contains "Home", "Login" (with a dropdown arrow), and "Help". On the right side of the page, there are links for "Home" and "Login". The main content area features a bold heading "AllStar Link" followed by a message: "You have successfully registered! You will soon receive an activation email. You must activate your account before logging in to your AllStar Link account."

1st E-mail

Welcome to AllStar Link Networks

Hide Details

FROM: AllStar Link Networks +

TO: loisrude@yahoo.com

Wednesday, December 28, 2011 3:23 PM

*** This is an automated response. ***

Hello KOLER

This message is to confirm your request for AllStar Link Validation.

To verify your e-mail address and continue with the Validation process, please click the URL shown below to activate your account.

[https://allstarlink.org/portal/activate-account.php?token=\[REDACTED\]](https://allstarlink.org/portal/activate-account.php?token=[REDACTED])

(If the URL above isn't clickable, try copying it and pasting it into the Address bar of your Web browser.)

Thanks and 73,
AllStar Link Networks

Activation Confirmed



The screenshot shows a web browser window displaying the AllStar Link VOIP Portal. The page has a green header with the AllStar Link logo on the left and the text "AllStar Link - VOIP Portal" on the right. Below the header is a navigation bar with buttons for "Home", "Login" (with a dropdown arrow), and "Help". On the right side of the page, there are links for "Home" and "Login". The main content area features a heading "Account activation" followed by a bold message: "Your account is now activated!". Below this, a paragraph states: "AllStar Link administrators will validate your callsign to complete the remainder of the account setup process. You will receive an email once validation is complete. (normally 24 hours)".

AllStar Link

AllStar Link - VOIP Portal

Home Login Help


Home | Login

Account activation

Your account is now activated!

AllStar Link administrators will validate your callsign to complete the remainder of the account setup process. You will receive an email once validation is complete. (normally 24 hours)

2nd E-mail



 **AllStar Link Networks** emailAddress@server.lax-noc.com
to me ▾

Hello KD0AOE,

Congratulations, your AllStar Link account has been validated!

Now that your registration process is complete, you can now take advantage of all the great benefits of being an AllStar Link user.

The WebTransceiver is a web-based application, which allows you to connect to AllStar nodes directly through your web browser.

The Telephone Portal, which allows you to connect to AllStar nodes directly from any telephone. The Telephone Portal is easy as dialing (831) 
or [831](#) 
(or many other numbers around the world, see the "support" page for details),
and following the voice prompts. You will need your AllStar Secure PIN number, which you can find in Account Settings -> Account Profile.

For those who wish to become a System Operator, you must first enable this feature via Account Settings -> Account Profile. Once this feature is enabled, you can begin creating your server and requesting your very own AllStar node number.

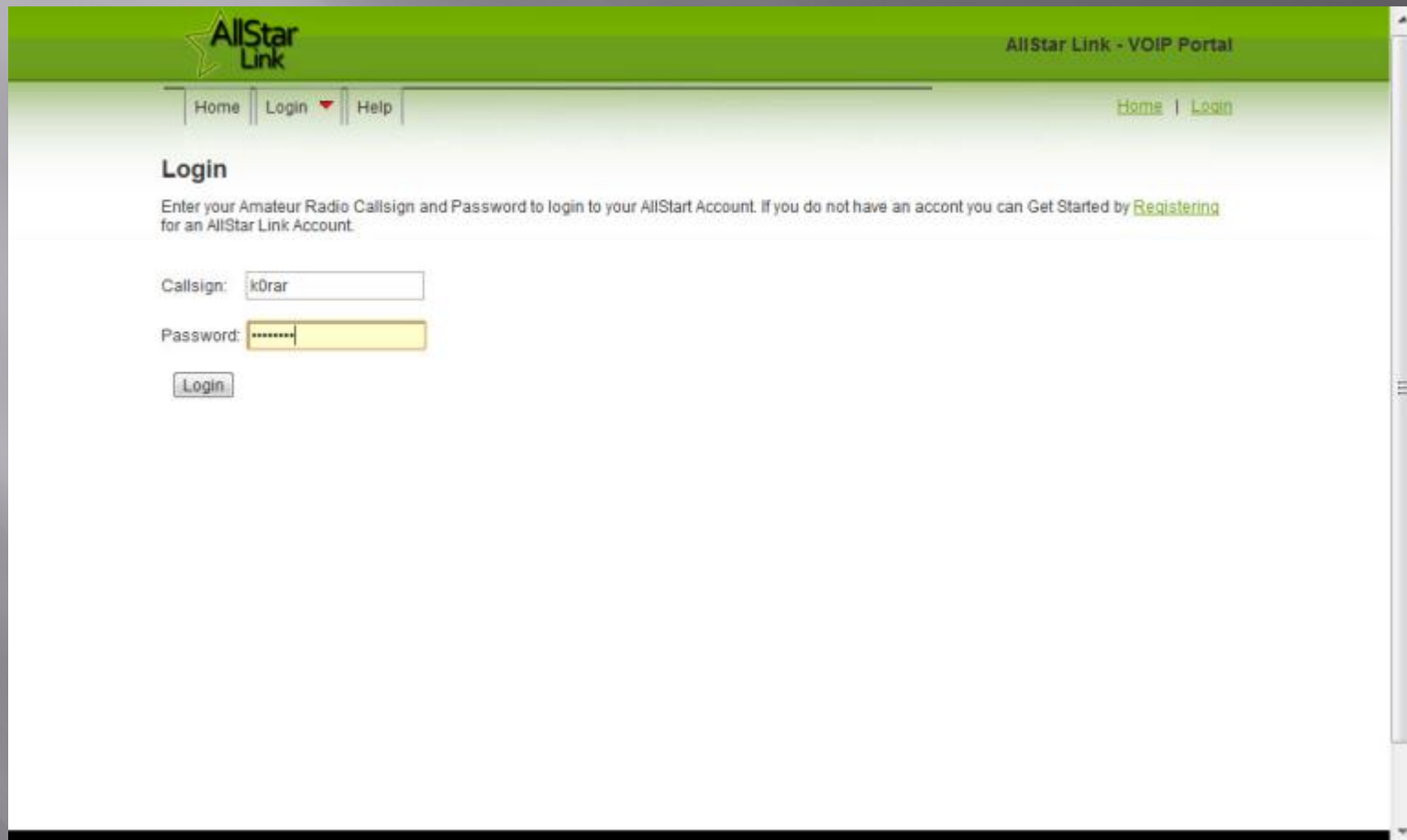
Thanks and 73,

Let's Log-in



The screenshot shows a web browser window with two tabs for "AllStar Link Network". The address bar displays "https://allstarlink.org/portal/#". The page header features the "AllStar Link" logo on the left and "AllStar Link - VOIP Portal" on the right. A navigation menu includes "Home", "Login", and "Help". A mouse cursor is hovering over the "Login" link, which has opened a dropdown menu with the following options: "Login", "Forgot Password", "Register", and "Resend Activation Email". In the top right corner, there are links for "Home" and "Login". The main content area begins with the heading "Welcome to the AllStar Link Network" and a large, stylized "AllStar Link" logo. Below the logo, a paragraph of text reads: "The AllStar Link Portal allows licensed Amateur Radio stations to communicate with one another over the Internet, using streaming-audio technology. The program allows worldwide connections to be made between stations, or from computer to station, greatly enhancing Amateur Radio's communications capabilities." The browser's status bar at the bottom shows the URL "https://allstarlink.org/portal/#".

ALLSTAR Link Log-in



The screenshot shows the AllStar Link VOIP Portal login page. The page has a green header with the AllStar Link logo on the left and the text "AllStar Link - VOIP Portal" on the right. Below the header is a navigation bar with links for "Home", "Login" (with a dropdown arrow), and "Help". On the right side of the navigation bar, there are links for "Home" and "Login". The main content area is titled "Login" and contains the following text: "Enter your Amateur Radio Callsign and Password to login to your AllStar Account. If you do not have an account you can Get Started by [Registering](#) for an AllStar Link Account." Below this text are two input fields: "Callsign:" with the value "k0rar" and "Password:" with a masked password ".....". A "Login" button is located below the password field.

AllStar Link

AllStar Link - VOIP Portal

Home | Login ▼ | Help

Home | Login

Login

Enter your Amateur Radio Callsign and Password to login to your AllStar Account. If you do not have an account you can Get Started by [Registering](#) for an AllStar Link Account.

Callsign:

Password:

Successful Log-in

The screenshot displays the AllStar Link VOIP Portal interface. At the top left is the AllStar Link logo, and at the top right is the text "AllStar Link - VOIP Portal". A navigation menu below the logo includes "Home", "WebTransceiver", "Network", and "Account Settings". On the right side of the page, the user's call sign "K0RAR" and a "Logout" link are displayed, with the "Logout" link circled in blue. The main content area features the heading "Welcome to AllStar Link Networks" followed by a large, stylized "AllStar Link" logo. Below this, a welcome message reads "Welcome - K0RAR" and a paragraph explains that the portal allows licensed Amateur Radio stations to communicate over the Internet using streaming-audio technology. In the bottom right corner, there is an "INSTANT MESSENGER" widget showing the user "HI, K0RAR" as "Online: 19" with a "Settings" button.

AllStar Link

AllStar Link - VOIP Portal

Home | WebTransceiver | Network | Account Settings

K0RAR | Logout

Welcome to AllStar Link Networks

AllStar Link

Welcome - K0RAR

The AllStar Link Portal allows licensed Amateur Radio stations to communicate with one another over the Internet, using streaming-audio technology. The program allows worldwide connections to be made between stations, or from computer to station, greatly enhancing Amateur Radio's communications capabilities.

INSTANT MESSENGER

HI, K0RAR Online: 19 Settings

Launch Web Transceiver



The screenshot shows a web browser window with two tabs labeled "AllStar Link Network". The address bar displays "https://allstarlink.org/portal/index_portal.php". The page header is green and contains the "AllStar Link" logo on the left and "AllStar Link - VOIP Portal" on the right. Below the header is a navigation menu with "Home", "WebTransceiver", "Network", and "Account Settings". The "WebTransceiver" menu item is active, showing a dropdown with "Launch WebTransceiver" and "Help". The user is logged in as "KORAR" and has a "Logout" link. The main content area features a "Welcome" message, the "AllStar Link" logo, and a description of the portal's purpose. An "INSTANT MESSENGER" widget in the bottom right corner shows "HI, KORAR Online: 18" and a "Settings" button. The browser's status bar at the bottom shows the URL "https://allstarlink.org/portal/webtransceiver.php".

Home WebTransceiver Network Account Settings KORAR | Logout

Welcome **Launch WebTransceiver** Help works

AllStar Link

Welcome - KORAR

The AllStar Link Portal allows licensed Amateur Radio stations to communicate with one another over the Internet, using streaming-audio technology. The program allows worldwide connections to be made between stations, or from computer to station, greatly enhancing Amateur Radio's communications capabilities.

INSTANT MESSENGER
HI, KORAR Online: 18 Settings

https://allstarlink.org/portal/webtransceiver.php

Find Node



AllStar Link - WebTransceiver

Please select the node to which you wish to connect.

Note: Only nodes that have WebTransceiverAccess [Enabled] are shown.

An asterisk (*) after the callsign indicates a Remote Base.

A number sign (#) after the callsign indicates a Frequency-Agile Remote Base.

Node	Callsign	Node Name	Location	Country
2000	WB6NIL	In a server room	Downtown Los Angeles, CA	United States
2001	WB6NIL	DUDE'S PLACE	Coarsegold, CA	United States
2007	WB6NIL	test development sys	test bench	United States
2008	WB6NIL	test development sys	test bench	United States
2009	WY6L	Trabuco Ridge	Coarsegold, CA	United States
2024	WB6NIL	Old Town	San Diego, CA	United States
2025	WB6NIL	Oat Mtn.	Los Angeles, CA	United States
2026	WB6NIL	# Oat Mtn.	Los Angeles, CA	United States
2027	WB6NIL	Palos Verdes	Palos Verdes, CA	United States
2028	WB6NIL	# Palos Verdes	Palos Verdes, CA	United States
2035	KC6HUR	KC6HUR QTH	Sun Valley, CA	United States
2060	KE6UPI	2060 HUB	Murrieta, CA	United States
2063	KE6UPI	KE6UPI	Murrieta, CA	United States
2065	KE6PCV	CALNET	Corona, CA	United States
2066	KE6PCV	CALNET	Corona, CA	United States
2068	KE6PCV	Test Server	Corona, CA	United States
2080	KE6UPI	Murrieta	Murrieta, CA	United States
2081	KE6UPI	Murrieta	Murrieta, CA	United States
2083	KE6UPI	2060 HUB	Murrieta, CA	United States
2115	WB6NIL	Test Bench	Test Bench	United States
2124	W3KKC	Warren - WANRS	Warren, PA	United States
2125	W3KKC	WAN WebTransceiver	Warren Pennsylvania	United States
2127	K3WS	K3WS WAN-RS MD DC HUB	Washington, DC	United States
2127				

INSTANT MESSENGER
HL, KORAR Online: 18 [Settings](#)

Connected Node: 27278

Browser tabs: AllStar Link Network - x

Address bar: <https://allstarlink.org/portal/webtransceiver-frameset.php?nodenum=27278>

Notification: The Java plug-in needs your permission to run. [Run this time](#) [Always run on this site](#) [Learn more](#) x

AllStar Link AllStar Link - VOIP Portal

Home | WebTransceiver v | Help v KORAR | Logout

AllStar Link - WebTranceiver

AllStar Node - [27278]

Callsign	K7ywf
Location	glendale nevada
Country	United States
Affiliation	
Site Name	glendale
Timezone	GMT -8
Frequency	448.25
Tone	

Key (Transmit)		Disconnect	
1	2	3	
4	5	6	
7	8	9	
*	0	#	

Node Connection Status
Portal Users:
KORAR

Sent And Received Messages

Enter Message Here (Press <Enter> to send)

INSTANT MESSENGER
HL, KORAR Online: 19 Settings

Basics

- ▣ Listen – don't interrupt
 - Listen for possible courtesy beep
- ▣ Remember to ID properly and let the know where you are.
 - “This is K0RAR via web transceiver from Parker, Colorado”
- ▣ Remember there will be a delay due to buffering of VoIP data.

Java Transceiver Module

Key (Transmit)		Disconnect	
<u>1</u>	<u>2</u>	<u>3</u>	
<u>4</u>	<u>5</u>	<u>6</u>	
<u>7</u>	<u>8</u>	<u>9</u>	
*	<u>0</u>	#	

Node Connection Status

Portal Users:
K0RAR

Sent And Received Messages

Enter Message Here (Press <Enter> to send)

Receive Mode

Java Transceiver Module

Unkey	Disconnect	
<u>1</u>	<u>2</u>	<u>3</u>
<u>4</u>	<u>5</u>	<u>6</u>
<u>7</u>	<u>8</u>	<u>9</u>
*	<u>0</u>	#

Node Connection Status

Portal Users:
K0RAR

Sent And Received Messages

Enter Message Here (Press <Enter> to send)

Transmit Mode

Successful Log-in

The screenshot displays the AllStar Link VOIP Portal interface. At the top left is the AllStar Link logo, and at the top right is the text "AllStar Link - VOIP Portal". A navigation menu below the logo includes "Home", "WebTransceiver", "Network", and "Account Settings". On the right side of the page, the user's call sign "K0RAR" and a "Logout" link are displayed, with the "Logout" link circled in blue. The main content area features the heading "Welcome to AllStar Link Networks" followed by a large, stylized "AllStar Link" logo. Below this, a welcome message reads "Welcome - K0RAR" and a paragraph explains that the portal allows licensed Amateur Radio stations to communicate over the Internet using streaming-audio technology. In the bottom right corner, there is an "INSTANT MESSENGER" box showing the user "HI, K0RAR" is "Online: 19" and includes a "Settings" button.

AllStar Link

AllStar Link - VOIP Portal

Home | WebTransceiver | Network | Account Settings

K0RAR | Logout

Welcome to AllStar Link Networks

AllStar Link

Welcome - K0RAR

The AllStar Link Portal allows licensed Amateur Radio stations to communicate with one another over the Internet, using streaming-audio technology. The program allows worldwide connections to be made between stations, or from computer to station, greatly enhancing Amateur Radio's communications capabilities.

INSTANT MESSENGER

HI, K0RAR Online: 19 Settings

Instant Messenger: Settings

USERS · CHATS (0) · SETTINGS · CLOSE ONLINE











SETTINGS

Text (me)	Color Bold (abc)	Text (others)	Color Bold (abc)
Language	English ▼	Visual effects	Yes ▼
Timezone	12-28 17:18 ▼	Time Format	17:18:44 ▼
Alert (A) »	2 ▼	Alert (B) »	None ▼
On chat open	Close UCP ▼	<input type="button" value="SAVE"/> <input type="button" value="DISABLE IM BAR"/>	

CALLSIGN: K0RAR · DELETE IM COOKIES

Instant Messenger: Online

USERS · CHATS (0) · SETTINGS · CLOSE ONLINE

USERS ONLINE		1-10 / 19
 CT2GNC		2 seconds ago...
 DG8NGN		12 seconds ago...
 K0RAR (You)		0 seconds ago...
 K5HQR		7 seconds ago...
 K5NX		0 seconds ago...
 KE5JTS		7 seconds ago...
 KG7SS		2 seconds ago...
 KG7SS		2 seconds ago...
 M0PGX		4 seconds ago...
 N2YXZ		5 seconds ago...

[Next](#)

ORDER: TIME · A-Z

Questions?

Next week:

The ALLSTAR Link Network