

Hello from beautiful



Cove Apple Club

February 24, 2021



Tonight's Topics

- One thing, three ways: Making a voice telephone call

Remember!

- The presentation of tonight's meeting will soon be available to download from our Archives website, in both Keynote and PDF format
- Visit CoveAppleClubArchives.com

Virtual Meeting Housekeeping

- Please keep your microphone muted throughout the meeting
- We'll do a quick Q&A at the end of each topic
- You can have your video on or off

After the meeting

- We'll keep the connection open until 9pm ET, so we can all chat as if we were back at Cheeks!
- Grab an adult beverage and yak it up – virtually – after the meeting!

Making a Telephone Call



What happens when you make a *landline* telephone call to a *landline* phone?

You → telephone handset → telephone wires →
local telephone company switching office →
national / international telephone network (fibre,
subsea, satellite, microwave) → destination
telephone company switching office → telephone
wires → telephone handset → Called party

What happens when you make a *cellular* telephone call to a *landline* phone?

You → iPhone → cellular radio → nearby cell
site tower → cell carrier network (fibre,
subsea, satellite, microwave) → destination
telephone company switching office →
telephone wires → telephone handset →
Called party

What happens when you make a
FaceTime call?

You → iPhone → Wi-Fi or cellular
network → internet routing → Apple
servers → internet routing →
destination Wi-Fi or cellular network
→ iPhone → Called party

Lots of big, complicated, expensive things

Someone has to pay for it!

- As a landline phone subscriber, you pay for telephone service from your local telephone company; they build, maintain & operate your local phone network and connect to the national / international networks
- National & international networks are paid by the local networks for the traffic they carry for them
- Everyone gets paid through myriad “peering” agreements to carry each other’s traffic

Lots of big, complicated, expensive things

Someone has to pay for it!

- As a home internet subscriber, you pay for internet service from your local cable or phone company; they build, maintain and operate their local networks and connect to the global internet
- The internet is a network of tens of thousands of local, regional, national and international networks who cooperatively carry each other's traffic to create a unified global network
- Everyone gets paid through myriad “peering” agreements to carry each other's traffic

Bottom line: someone always gets paid

- In order to make a landline telephone ring, the called party's telephone company needs to be paid to terminate and connect that call, no matter where it originated
- With a FaceTime or other “internet” call to a landline phone, somebody all along the route is paying for internet service – none of it is “free”
- And if you're calling from or to a cell phone, the carriers are getting paid to originate and/or terminate the calls by their phone subscribers

One thing, three ways: Making a telephone call

- We're going to make three phone calls to landline phones tonight
 - One using FaceTime, on our Mac
 - Another to a local business, without needing to be a paid landline *or cellular* subscriber
 - And a third without even using an iPhone or a computer!

**Please Support the
Cove Apple Club**

Facts

- The Club has expenses of about \$550/year
 - \$15/month for Zoom Business
 - \$9/month for MailChimp paid plan
 - \$170/year for Wix: main website, including hosting
 - \$80/year for domain registrations and hosting of CoveAppleClubArchives.com

If you think the Cove Apple Club
is worth your support, we
encourage you to donate to help
keep it going

“If you love something...help it grow.”

“Give until it feels good!”

Donating: Virtually

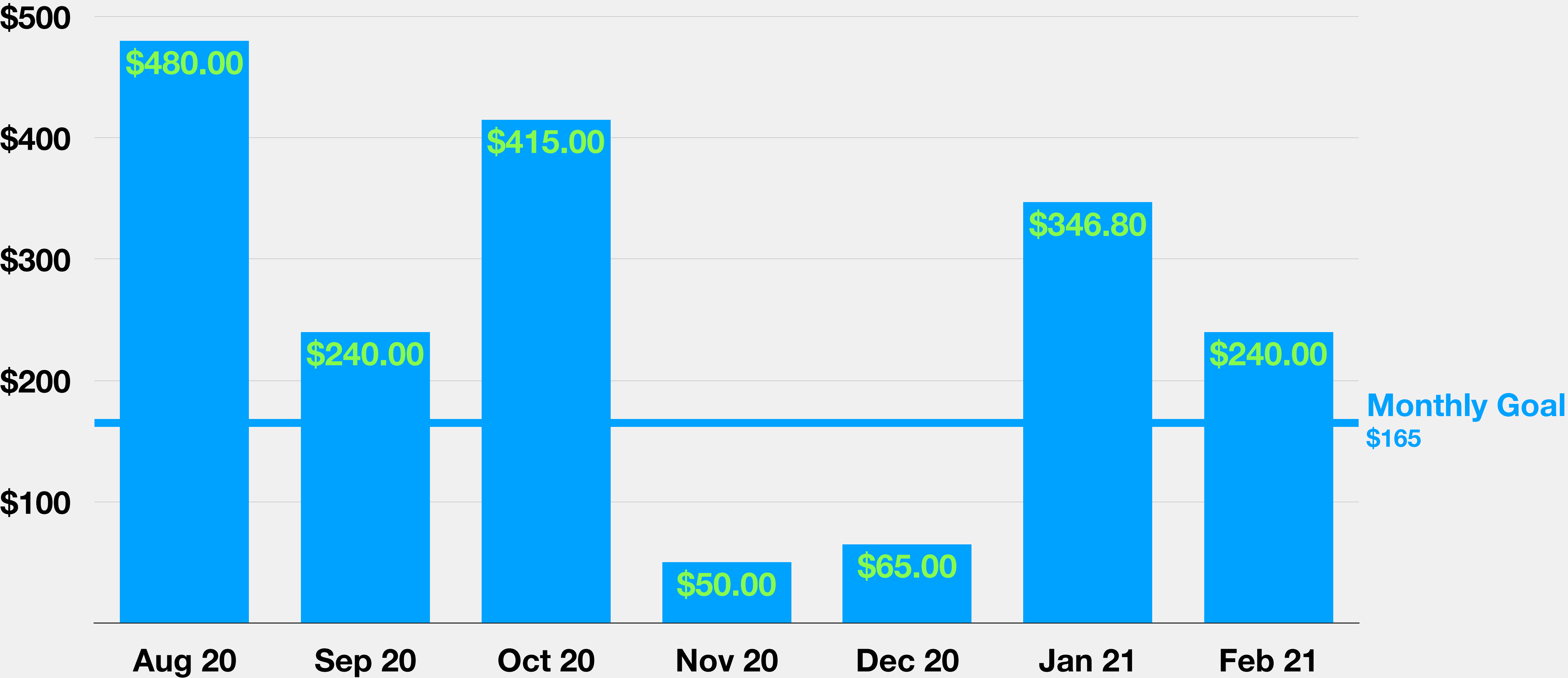
- All Club emails have a donation appeal at the bottom of each message
- We take Zelle, PayPal, Venmo, Apple Pay Cash, cash & check!
- There's also a new Donations page on the Club website



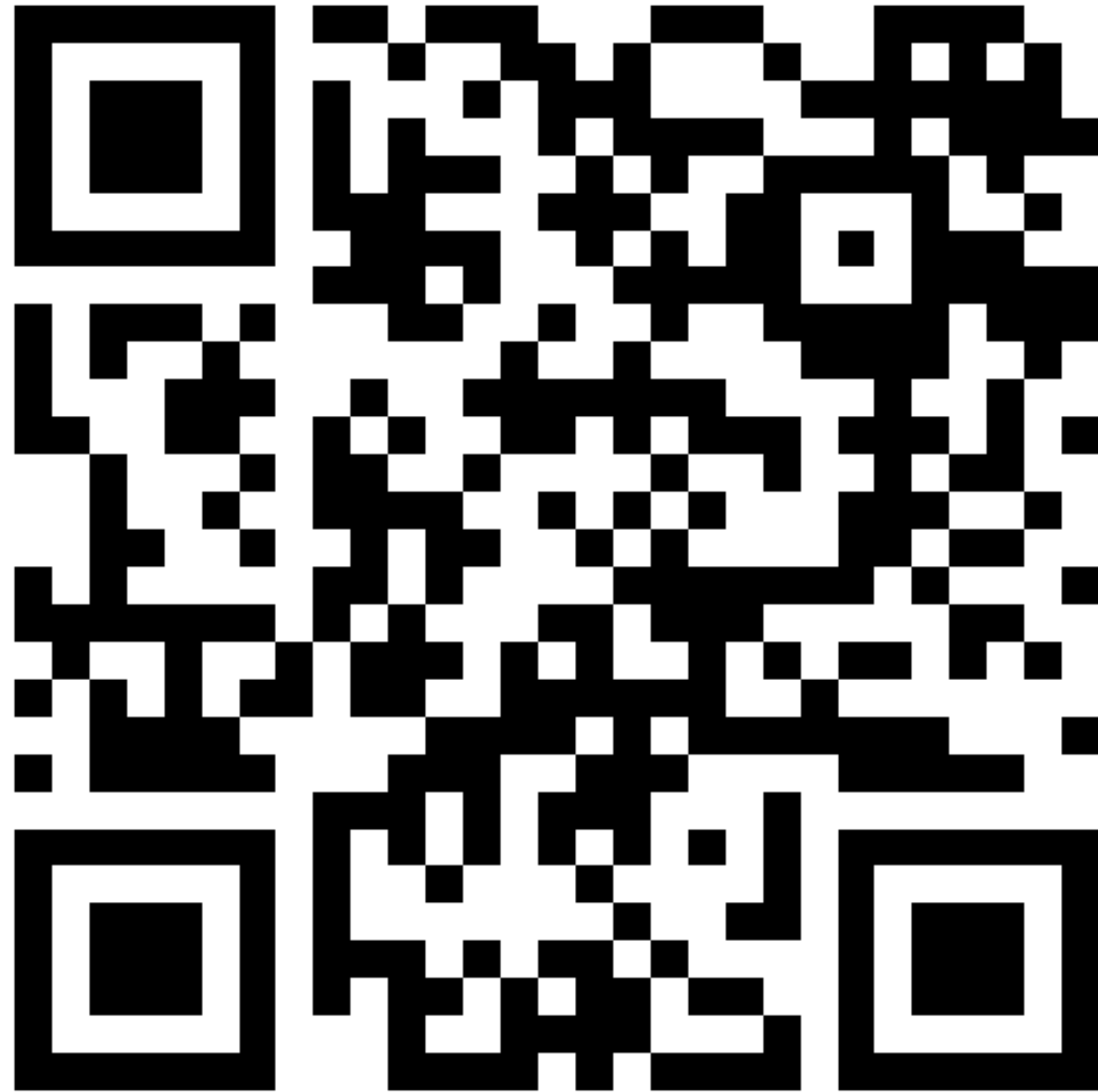
Donations Update!

- Thirty-six donations received to date from 23 different donors
- Total donations received this year: \$586.80

Donations by Month



Support the Club with your donations!



*Scan this with your iPhone
camera app now!*

Thank you
for your support!

This Club
depends on **YOU!**

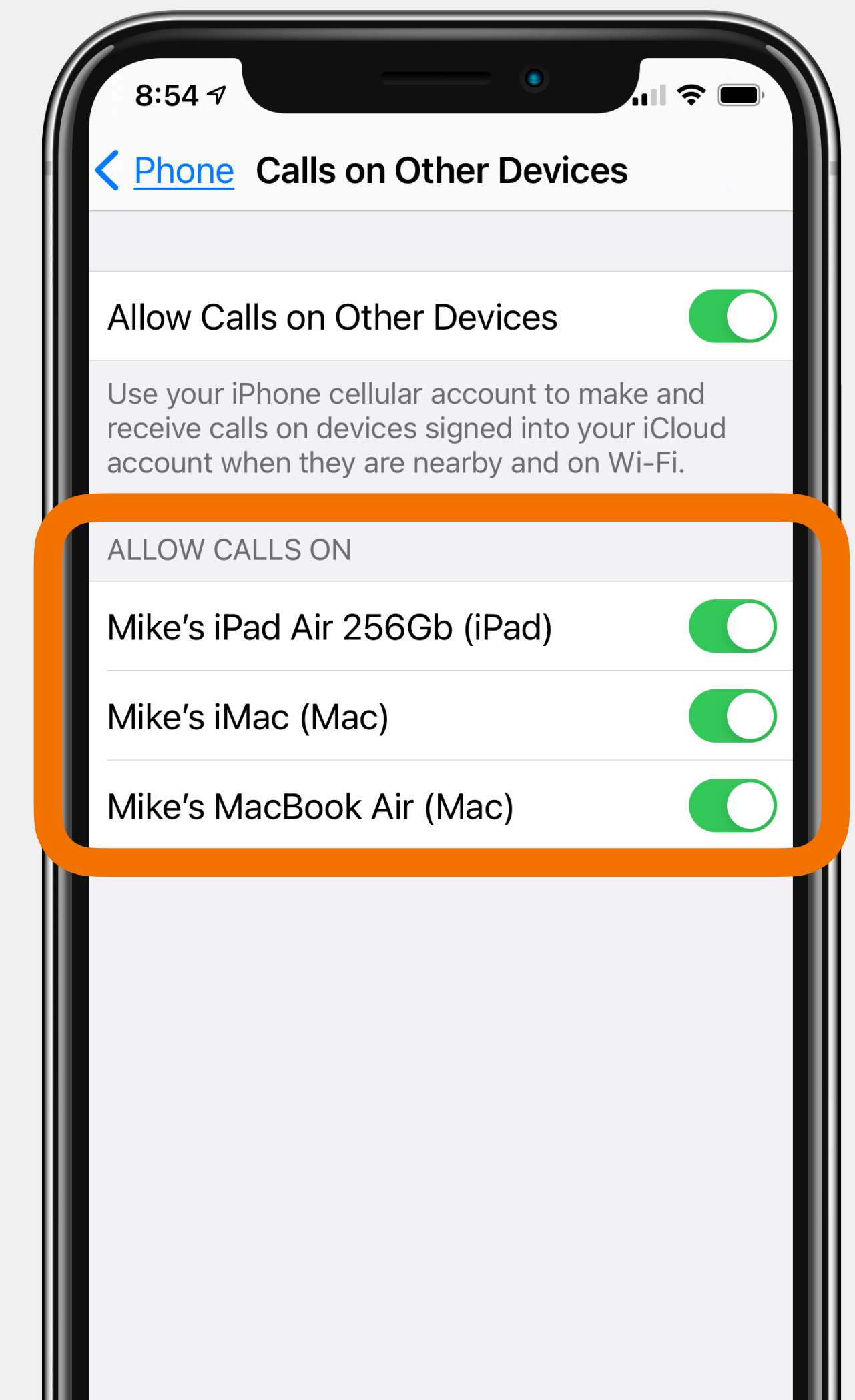
One thing, three ways: FaceTime, from a Mac

- We will use the FaceTime App on Mac to call a landline number
- FaceTime is happy to make or take calls to or from landlines, as long as you have a cellular subscription and have “Wi-Fi Calling” turned on with your iPhone and cell carrier
- Not all cell carriers support “Wi-Fi Calling”



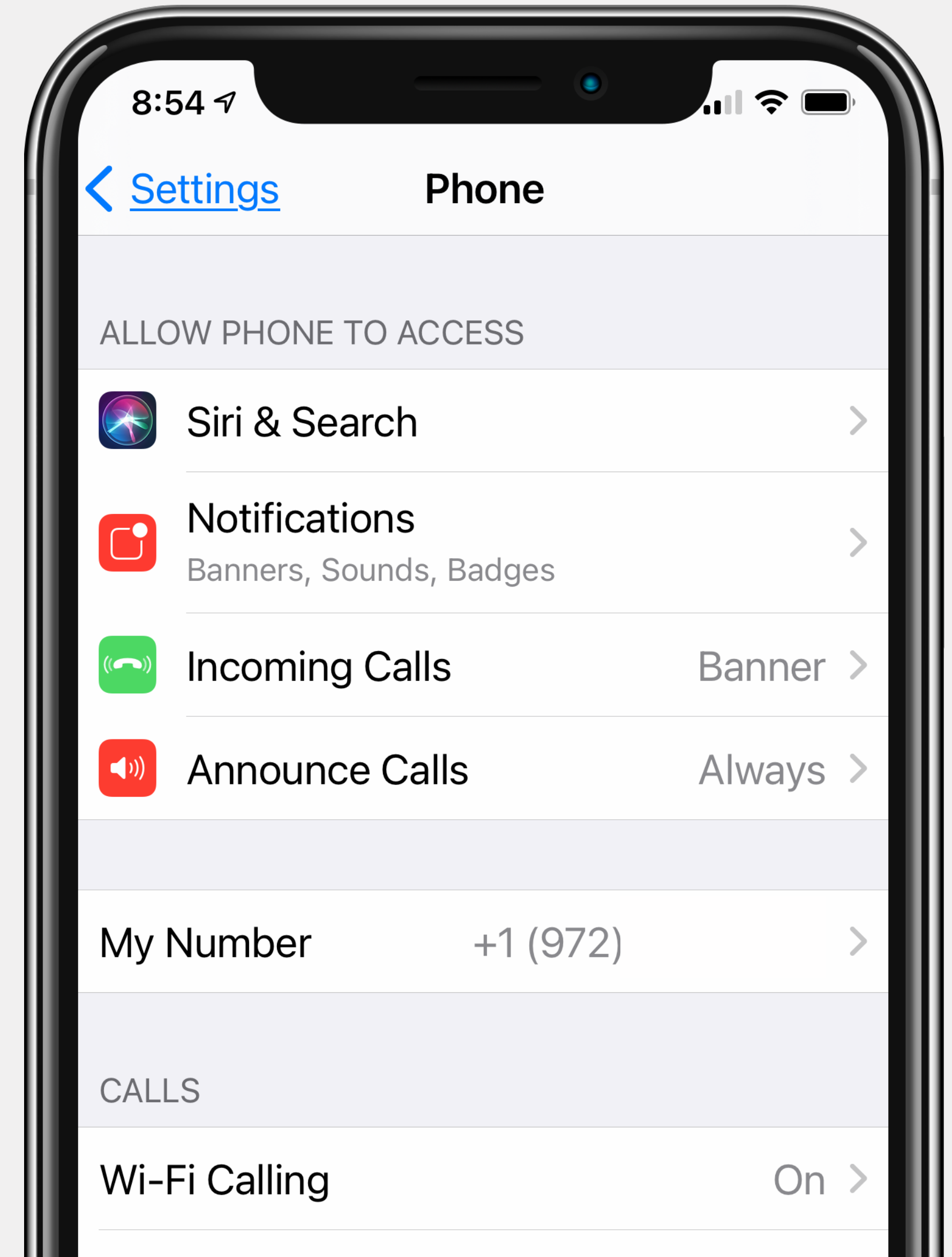
Wi-Fi Calling

Settings → Phone



Wi-Fi Calling: A big benefit if you can use it!

- If your carrier offers it, and you turn it on, then anytime your iPhone is connected to Wi-Fi, it's as if you were standing on top of your carrier's nearest cell tower, no matter where in the world you happen to be
- Who pays?
 - Whoever is paying for the local Wi-Fi connection
 - Your called party's carrier / internet provider



Demo!



What you need: FaceTime, from a Mac

- A Mac, iPhone or iPad
- An iPhone with an active cellular plan
- Wi-Fi Calling enabled on iPhone
- A Wi-Fi or cellular connection
- If calling from iPad or Mac, both the iPhone and the other device must be connected to the same Wi-Fi network, be near to each other, with Bluetooth ON



One thing, three ways: Skype, on a Mac

- Skype is the original internet telephony application
- Free to download and use for Skype-to-Skype calls anywhere in the world
- Apps for Mac, Windows, iOS, Android, etc.
- You can even use it at **skype.com** in a web app, with Google Chrome or Microsoft Edge browsers



Mike Sullivan

\$2.77

Livin' the dream in our tropical gar...

Microsoft

Sign out

Mike Sullivan

txreason

My Microsoft account

Active

Livin' the dream in our tropical ...

Bookmarks

MANAGE

Skype profile

Skype to Phone

Credit: \$2.77 | No subscription

Skype Number

Get a second number

Settings

Get Skype app

Skype

Welcome, Mike

MS

Livin' the dream in our tropical garden Paradise!

Start a conversation

Search for someone to start chatting with or go to
Contacts to see who is available.

You are signed in as txreason

Try switching accounts if you do not see your contacts or conversation history.

Learn more

Skype to phone

- Skype will sell you prepaid landline calling bundles for as little as \$0.005/minute – that's \$1.00 for 120 minutes of international calling!
- Calling UK, Germany, France, Canada is \$0.023/minute on a PAYGO plan
- Or buy a UK / EU bundle for as low as \$0.0175/minute
- You can also buy a “Skype Number” - a second phone number that lets you accept incoming calls to the Skype app on your phone from anywhere in the world!
- Rates as low as \$5/month for US/Canada local numbers

**Skype prepaid
calling as low as
\$0.022/minute**



WORLD
Skype Credit

Mobiles and landlines

- ☐ **\$5.00** Up to **225 mins**¹
- ☒ **\$10.00** Up to **450 mins**¹
- ☐ **\$25.00** Up to **1135 mins**¹

Continue

Call around the world

From 1.5¢/min²

[See rates](#)

Choose pay-as-you-go calling option

USD - US Dollars 



WORLD
Skype Credit

Mobiles and landlines

\$5.00

Continue

Call around the world
[See rates](#)

 **RECOMMENDED**



WORLD
Skype Credit

Mobiles and landlines

\$10.00

Continue

Call around the world
[See rates](#)



WORLD
Skype Credit

Mobiles and landlines

\$25.00

Continue

Call around the world
[See rates](#)

\$5 goes a long, long way

- I bought a \$5 Skype credit to call our friends in the UK back in 2017; we still have \$2.69 left

×

Skype to Phone

YOUR SKYPE CREDIT

\$2.69

Auto-recharge ⓘ

☒

\$5

\$10


\$25

Add \$10 Credit

SUBSCRIPTIONS

Search

Save even more on phone calls to specific destinations

 UNITED STATES

Mobiles and landlines


Unlimited mins*

\$2.99

per month

3 destinations >

Continue

 UNITED KINGDOM

Mobiles and landlines

400 mins

\$6.99

per month

1.7¢/min*

Continue

Skype to phone

- Comes in VERY handy when traveling internationally:
 - Calls look like they are coming from your real phone number
 - Works anywhere you have Wi-Fi / internet
- Who pays?
 - You pay Skype; they pay the local carrier to terminate the call

Demo!



What you need: Skype to Phone

- Skype app installed and signed-in on an iPhone, iPad or Mac
- Skype to Phone prepaid credit or subscription
- A connection to either a cellular or Wi-Fi network
- Find out more: **Skype.com**



One thing, three ways: Alexa Calling

- Alexa Calling is a free feature of Amazon's range of Alexa / Echo devices
- Free calls to any phone number in the US, Canada and US territories and possessions
- Call by voice, hands-free
- Who pays:
 - Amazon, as their way of sucking you into their ecosystem



“Call my
phone.”



Demo!



What you need: Alexa Calling

- Any Amazon Echo device, registered to your Amazon account
 - An Echo Flex is priced at \$10 at the Amazon 4-Star Store in the Mall at Millenia
 - Other Echo / Alexa devices range from \$29 to \$250
- A Wi-Fi connection for the Echo device
- Enable and configure “Communications” settings on the Alexa app or at alexa.amazon.com



And so many other options!

- Other free apps that let you do app-to-app voice calling: WhatsApp, Messenger, Telegram, Signal – all offer free, encrypted chat and voice calling



Upcoming meeting dates

All meetings begin at 7pm ET on Wednesday nights

- **March 10**
- **March 24**

Schmooze Session!

Online Schmooze Session

- We'll keep the connection open until 9pm ET, so we can all chat as if we were back at Cheeks!
- Grab a cold one and yak it up – virtually!

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