Hi. I originally come from Ukraine. In Ukraine I first had DSL then one provider came and covered whole town with Ethernet cables on poles. White powered Etherent Boxes on poles from peoples houses—you can extend such Internet as LEGO to infinity. Speed was up to 100 megabit. I had 30megabit.

In Ukraine all Fixed Internet is UNLIMITED. You can download, watch YouTube videos and do whatever you like to 24/7/365.

I Could download GTA5 which is 60GB in size in 2-3 hours with 30 megabit/sec.

In other words in Ukraine you use Internet and very happy to use it.

When I came to live in US—I was very much shocked. Why here in US exist those ridiculous Data Caps on Fixed Internet when in the rest of the world they don’t? Why FCC cant forbid ISP to implement ridiculous Data Caps and why FCC cant recognize Data Caps as illegal and such which make people feel as miserable people using such Internet all the time thinking how much I used? Does Fiber ever stops working—no—it transmits data all the time. Data Caps should be recognized as illegal.

I understand that Mobile Internet(Cell towers) with Data caps everywhere in whole world also I understand that Sat Internet has data caps, but Fixed Fiber or Fixed Ethernet or DSL Internet with Data Caps should be considered illegal. In whole world Fixed Internet is Unlimited. I am really shocked that In US ISPs can have Data Caps on Fixed wired Internet and all people and government departments are keep silent and do nothing about it.

Another thing: Millions of dollars spent every year through CAF to subside broadband expansion to Rural areas but nothing is actually changing, at least in my area every day I look at my poles and think if there is fiber wire hanging and is Internet available and ISP like Google Fiber came—nothing, no wires and no Internet and no ISP.

In my area, 15 miles from Citronelle, Mobile phone coverage is horrible, we pay for mobile phone from Verizon and cant use at home since coverage is poor, so we have in addition to this landline from AT&T otherwise you cant make phone calls, and Internet we have from Satellite provider which gives 10GB of Data Hat every month, so we put this Data Hat on—but is not enough, you can not watch YouTube video you can not do anything with such Internet. Also Satellite Internet is not working in Rainy weather, sat dish is small in size which makes signal even weaker in rainy weather, , and we all know that in US cloudy and rainy weather is very often to happen because sea is everywhere which changes weather often.

In other words Satellite Internet and mobile phone Internet(CEL) are both horrible and expensive and unacceptable for normal person to use.

I do not understand why FCC wants to replace wire Internet for those unreliable, datacapped SAT and CELL phone Internet? It wont be cheaper in such way, it will just make things more complicated in the long run. There is no other way as to bring Fiber wire on poles everywhere, Fixed Wired Internet is way to go, Sat and Mobile internet is for convenience of traveling and on the go. We should use things properly, there shouldn’t be extreme,. Nobody should try to make choice here—mobile or fixed—they all should exist, there should be all types of Internet available—sat , mobile, wired fixed, the thing is that they all three should be available everywhere—even in Rural area, the difference between should be that you should use them properly, at home use Fixed wired, on the go use mobile. In other words don’t try to use mobile at home and fixed wired on the go☺

FCC should make it possible that OTMR is accepted everywhere—so it will be easier and quicker for new ISP entrants to come and bring more competition.

Also FCC should make Those ISPs who take CAF money and really come to Rural and Power companies who own poles not to take money from those ISPs who come to Rural that they have wires on poles, because as we know you have to pay for each pole if your wire hangs on poles, so those ISPs who spread Fiber to rural areas are free from paying money for each pole.

Fcc and power companies should exempt such ISPs to pay money for poles.

I remember When Ipad in 2007 appeared—everybody thought that tablets will replace computers(Desktops). It did not happen. Because tablet is a comfortable thing , but tasks which you do on desktop computer are more convenient to do on Desktop computer rather than on tablet.

The same with Wi-Fi. Everybody thought that houses do not need anymore to have in house LAN-wires(Ethernet Cabling CAT6) –they think that WI-Fi is enough to have in house—again wrong. Ethernet Cabling should be in every house and come to every room. And Wi-Fi should also be in house, but Ethernet should be considered first and should be considered as more reliable solution and Wi-Fi should be considered as addition to Ethernet cabling. IT nice to have both. Devices which physically cant use Ethernet—will connect through Wi-Fi in house, but Ethernet should be first for reliable home connectivity solution.

I believe that Wire or Fiber should come first. FCC when gives CAF grant—should look if it will be Wire Fiber or Wire Ethernet Internet. Also Submitting Grant should be for ISP who really goes Rural.

There should be plan—lets say we cover whole state Alabama with Fiber. We looked at map, looked at streets and roads—and just go and hang fiber with ports on poles. Why when you out of little town---no Any Internet options? Why in countries like Thailand Fiber EPON Internet is on every pole?

<https://www.youtube.com/watch?v=546AU3NyPMQ>

In 1930 Power companies did not want to come to Rural areas and bring electricity there, so president signed law about Local cooperatives which brought Electricity to Rural areas. The same situation now goes on with Internet—Telcos do not want to come to Rural areas.

<https://www.nytimes.com/2016/08/08/technology/how-to-give-rural-america-broadband-look-to-the-early-1900s.html>

<https://www.nytimes.com/2016/08/09/technology/rural-electrical-cooperatives-turn-to-the-internet.html>

Why FCC cant give CAF to Cooperatives and really make to bring Internet to Rural areas?

There is website which related to such things:

<https://muninetworks.org/>

When people have no choice and see no other options—they join and create community networks.

I think FCC should encourage local cooperatives and community networks.

About Internet speed measurement—the more the better. Whole world increasing speeds, Google brings 1Gbit/sec, Some guys offer 10Gbit/sec. So why we even should consider 10megabit? DSL was good in 2000y when there was only dial up, but right now—Fiber should come to every home on poles, to house should come Ethernet, Coaxial and phone cables. There is no other way.

Also about Data caps. In whole world access to Internet is sold by “speed of access”. Lets say I have 30 megabit per second and it is not enough for me and I want to download files or videos quicker—is very simple—I buy Plan with higher speed like 100 megabit per second, pay monthly fee and everybody happy. ISPs can count how much person will download per month with this speed or with this and correct their speed plans, but create ridiculous data caps—is nonsense.

I hope very much that FCC will:

1. cancel Data Caps as illegal;
2. give CAF money only to ISPs who bring Wire Fiber Internet and only to Rural area(With Submitted Rural coverage map)—Rural people also people and deserve to have Internet, not only Urban people can have it;
3. I hope that FCC will encourage to be everywhere OTMR;
4. I hope FCC will make Power companies not take money from ISPs who come to Rural area for wires hanging on poles.
5. I hope FCC will give CAF to local cooperatives.
6. I hope FCC will encourage development of Community Fiber networks, there are many successful stories: <https://muninetworks.org/>
7. At home use Fixed Wired Fiber Internet, Mobile phone Internet use on the go.