



General Manager  
334 Front Street  
Ketchikan, AK 99901

Phone (907) 228-5603  
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TRANSMITTAL MEMORANDUM
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TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, General Manager

DATE: January 12, 2021

RE: **Ordinance No. 21-1922 – Amending Chapter 11.12, Telecommunications Service and Rates, of the Ketchikan Municipal Code; Providing for a Public Hearing; and Establishing an Effective Date**

The attached ordinance was prepared by Telecommunications Division Manager Ed Cushing, who requested that it be placed before the City Council for consideration at its meeting of January 21, 2021. If adopted, Ordinance No. 21-1922 formalizes rates for products and services provided by the Telecommunications Division, which were previously authorized by my office through interim tariffs.

The details of and rationale for the modifications are detailed in Mr. Cushing's transmittal memorandum and require little elaboration on the part of my office. I would note that the increased speeds for KPU residential and business internet service offerings, which are being made available to current customers at no additional cost, is a direct result of Telecom's successful construction of a new subsea fiber cable to Prince Rupert, British Columbia.

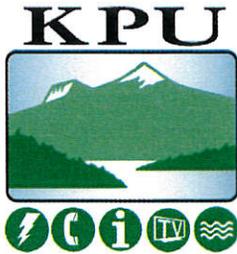
Mr. Cushing will attend the City Council meeting of January 21, 2021, in order to address any questions and/or concerns that Councilmembers may have.

A motion has been prepared for City Council consideration.

### RECOMMENDATION

It is recommended that the City Council adopt the motion approving in first reading Ordinance No. 21-1922 amending Chapter 11.12, Telecommunications Service and Rates, of the Ketchikan Municipal Code; providing for a public hearing; and establishing an effective date.

**Recommended Motion:** I move the City Council approve in first reading Ordinance No. 21-1922 amending Chapter 11.12, Telecommunications Service and Rates, of the Ketchikan Municipal Code; providing for a public hearing; and establishing an effective date.



**KPU Telecommunications**

2970 Tongass Avenue  
Ketchikan, AK 99901

Phone (907) 225-1000

FAX (907) 225-1788

## Memorandum

**To:** Karl R. Amylon, KPU General Manager

**From:** Ed Cushing, KPU Telecommunications Division Manager

**Date:** January 12, 2021

**Subject:** **Ordinance No. 21-1922 – Amending Chapter 11.12 Telecommunications Service and Rates of the Ketchikan Municipal Code; Providing for a Public Hearing; and Establishing an Effective Date**

This memorandum introduces Ordinance 21-1922 - amending Chapter 11.12 Telecommunications Service and Rates - for City Council consideration at the January 21, 2021 City Council meeting.

Ordinance number 21-1922 incorporates Interim Tariffs IT 20-0710 and IT 20-1105 into the Ketchikan Municipal Code (KMC).

### Background

IT 20-0710 restructures KPUTel's OWAN (Optical Wide Area Network) offerings. Via recent improvements to the overall capability of the KPUTel network, we are now able to increase the speeds of our OWAN service offerings. KPUTel's business customers have requested higher OWAN speeds - which we will be able to accommodate via this restructuring.

IT 20-1105 provides significant speed increases to our residential and business Internet service offerings. The new speed tiers – with speeds up to 1 Gig (1,000 Megs) - have been made possible via activation of KPUTel's new subsea fiber. The new/higher speeds will give our customers much faster Internet service, for no increase in monthly charges.

Approval of Ordinance No. 21-1922 will ensure that all rates, charges, modifications, changes and additions noted above are formally codified in the Ketchikan Municipal

Code. Copies of Interim Tariffs IT 20-0710 and IT 20-1105 are attached for City Council review.

### **Recommendation**

It is recommended that the City Council approve in first reading, Ordinance No. 21-1922 – Amending Chapter 11.12 Telecommunications Service and Rates of the Ketchikan Municipal Code; Providing for a Public Hearing; and Establishing an effective date.

**Recommended Motion:** I move that the City Council approve in first reading, Ordinance No. 21-1922 – Amending Chapter 11.12 Telecommunications Service and Rates of the Ketchikan Municipal Code; Providing for a Public Hearing; and Establishing an effective date.

THE CITY OF KETCHIKAN, ALASKA

ORDINANCE NO. 21-1922

AN ORDINANCE OF THE COUNCIL OF THE CITY OF KETCHIKAN, ALASKA; AMENDING CHAPTER 11.12 TELECOMMUNICATIONS SERVICE AND RATES OF THE KETCHIKAN MUNICIPAL CODE; PROVIDING FOR A PUBLIC HEARING; AND ESTABLISHING AN EFFECTIVE DATE.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF KETCHIKAN, ALASKA, AS FOLLOWS:

**Section 1: Amendment:** Section 11.12.080(c)(4) of the Ketchikan Municipal Code entitled "Special Access Circuits (Recurring Monthly)." is amended as follows:

- (4) Special Access Circuits (Recurring Monthly).

<b><u>Description</u></b>	<b><u>Rate</u></b>
Bridging/voice (per port)	\$4.37
Bridging/data (per port)	\$4.37
Level adjustment	\$4.37
Pad/transformer	\$4.37
Tied line	\$12.27
Two-wire voice grade service (per term.)	\$20.37
Four-wire voice grade service (per term.)	\$40.74
Digital data service 56/64 Kbps (per term.)	\$46.56
Digital data service 500 Kbps (per term.)	\$50.00
Digital data service 768 Kbps (per term.)	\$69.00
Digital data service 1.0 Mbps (per term.)	\$75.00
Digital data service 2.0 Mbps (per term.)	\$100.00
Digital data service 3.0 Mbps (per term.)	\$150.00
Digital data service 4.0 Mbps (per term.)	\$175.00
Digital data service 5.0 Mbps (per term.)	\$200.00

<u>Description</u>	<u>Rate</u>
Digital data service 10.0 Mbps (per term.)	\$220.00
Private local area network (per extension)	\$49.95
Q in Q – 2 or more VLANs (per port)	\$49.95
T-1 service (1.544 Mbps) (per term.)	\$243.00
Multiplexing for T-1 service (per term.)	\$110.58
Channel unit for multiplexing (per term.)	\$11.64
DCM switch interface	\$37.83
Meet-Me conference bridge	ICB*
OWAN 100 Mbps service to home office, per termination	\$100.00
	<del>\$245.00</del>
OWAN <del>40</del> <u>25</u> Mbps service, per termination	<u>\$150.00</u>
	<del>\$375.00</del>
OWAN 50 Mbps service, per termination	<u>\$245.00</u>
	<del>\$467.00</del>
OWAN 100 Mbps service, per termination	<u>\$375.00</u>
	<del>\$1,200.00</del>
OWAN 250 Mbps service, per termination	<u>\$467.00</u>
	<del>\$1,300.00</del>
OWAN <del>300</del> <u>500</u> Mbps service, per termination	<u>\$1,200.00</u>
	<del>\$1,520.00</del>
OWAN <del>500</del> <u>600</u> Mbps service, per termination	<u>\$1,300.00</u>
	<del>\$1,750.00</del>
OWAN 750 Mbps service, per termination	<u>\$1,520.00</u>
	<del>\$2,025.00</del>
OWAN 1 Gbps service, per termination	<u>\$1,750.00</u>
<u>OWAN 2 Gbps service, per termination</u>	<u>\$2,025.00</u>

<u>Description</u>	<u>Rate</u>
OWAN 10 Gbps service, per termination	\$4,050.00

\*Per individual service agreement

**Section 2: Amendment:** Section 11.12.090(b)(1) of the Ketchikan Municipal Code entitled “Internet Service.” is amended as follows:

- (1) Internet Service Rates.

**Description (Recurring Charges)**

Download Speeds Up To	Upload Speeds Up To	Email Accounts Included	Data Transfer Included	Monthly Rate	Additional Information
<del>3-M</del>	<del>3-M</del>	8	<del>25-GB</del>	<del>\$34.95</del>	-
<del>5-M</del>	<del>5-M</del>	8	<del>50-GB</del>	<del>\$49.95</del>	-
<del>10-M</del>	<del>10-M</del>	8	<del>150</del>	\$59.95	
<u>Up to 30M</u>	<u>Up to 30M</u>		<u>100</u> GB		
<del>30-M</del>	<del>30-M</del>	8	200 GB	\$74.95	
<u>150M</u>	<u>150M</u>				
<del>100-M</del>	<del>100-M</del>	8	<del>400</del>	\$89.95	
<u>350M</u>	<u>350M</u>		<u>500</u> GB		
<del>250</del>	<del>250</del>	8	<del>600</del>	\$129.95	Includes 1 static IP
<u>650M</u>	<u>650M</u>		<u>750</u> GB		
<del>500-M</del>	<del>500-M</del>	8	1 TB- <del>Business;</del>	\$199.95	Includes 1 static IP and consumer grade managed WiFi, not Enterprise
<u>1GB</u>	<u>1GB</u>		<u>Unlimited Transfer-Residential</u>		
0 M	0 M	0	0	\$18.95	Line access for KPU TV customers who do not require Internet

### **Add-On Features (Recurring Charges)**

Additional email address.	\$1.00
Additional 1 MB server storage.	\$3.00
Additional 2 GB email storage space.	\$3.00
Static IP address – No service order charge for residential customer.	\$10.00
Additional each 10 GB over max. transfer.	\$1.00
<b><u>Standalone</u></b> Internet vacation rate.	\$12.00
Each 5 additional LAN stations above 8.	\$35.00
Static IP option (plus \$25.00 one-time setup fee).	\$10.00
Managed router service.	\$8.95
Managed router repeater, each.	\$4.95
Cloud firewall service.	\$1.95
Unlimited data transfer.	\$30.00
Consumer broadband loop.	\$15.13

### **Description (Nonrecurring Charges)**

Internet reconnect (field visit not required)	\$20.00
Internet trip charge	\$20.00
Jack installation fee	\$55.00
Managed router service installation	\$49.95
Nonreturned equipment fee, managed router service	\$150.00

**Section 3: Public Hearing.** A public hearing on the aforesaid amendments shall be held at the Council Chambers on February 4, 2021.

**Section 4: Effective Date.** This ordinance is effective one (1) month after its final passage and publication.

PASSED ON FIRST READING: \_\_\_\_\_

FINAL PASSAGE \_\_\_\_\_.

\_\_\_\_\_  
Robert Sivertsen, Mayor

**ATTEST:**

\_\_\_\_\_  
Diane Bixby  
City Clerk



**KPU Telecommunications**  
 2900 Tongass Avenue  
 Ketchikan, AK 99901

Phone (907) 225-1000  
 Fax (907) 225-1788

**Memorandum**

**To:** Karl Amylon, KPU General Manager

**From:** Ed Cushing, Telecommunications Division Manager  
 Ed Cushing  
 Kim Simpson, Division Manager of Sales, Marketing, & Customer Service

Digitally signed by Ed Cushing  
 DN: cn=Ed Cushing, o=KPU Telecommunications, ou=KPU  
 Telecommunications, email=ecushing@kpuhawaii.com, c=US  
 Date: 2020.07.13 08:27:58 -0800

**Date:** 7/10/2020

**Subject:** Request for an Interim Tariff to reconfigure OWAN pricing and add additional offerings.

**IT 20-0710**

**Under 11.12.080(c)(4) Special Access Circuits (Recurring Monthly).**

<u>Description</u>	<u>Rate</u>
Bridging/voice (per port)	\$4.37
Bridging/data (per port)	\$4.37
Level adjustment	\$4.37
Pad/transformer	\$4.37
Tied line	\$12.27
Two-wire voice grade service (per term.)	\$20.37
Four-wire voice grade service (per term.)	\$40.74
Digital data service 56/64 Kbps (per term.)	\$46.56
Digital data service 500 Kbps (per term.)	\$50.00
Digital data service 768 Kbps (per term.)	\$69.00
Digital data service 1.0 Mbps (per term.)	\$75.00
Digital data service 2.0 Mbps (per term.)	\$100.00
Digital data service 3.0 Mbps (per term.)	\$150.00

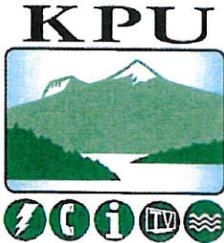
<u>Description</u>	<u>Rate</u>
Digital data service 4.0 Mbps (per term.)	\$175.00
Digital data service 5.0 Mbps (per term.)	\$200.00
Digital data service 10.0 Mbps (per term.)	\$220.00
Private local area network (per extension)	\$49.95
Q in Q – 2 or more VLANs (per port)	\$49.95
T-1 service (1.544 Mbps) (per term.)	\$243.00
Multiplexing for T-1 service (per term.)	\$110.58
Channel unit for multiplexing (per term.)	\$11.64
DCM switch interface	\$37.83
Meet-me conference bridge	ICB*
OWAN 100 Mbps Service to Home office, per termination	\$100.00
OWAN <del>40</del> <u>25</u> Mbps service, per termination	<del>\$245.00</del> <u>150.00</u>
OWAN 50 Mbps service, per termination	<del>\$375.00</del> <u>245.00</u>
OWAN 100 Mbps service, per termination	<del>\$467.00</del> <u>375.00</u>
OWAN 250 Mbps service, per termination	<del>\$1,200.00</del> <u>467.00</u>
OWAN <del>300</del> <u>500</u> Mbps service, per termination	<del>\$1,300.00</del> <u>1200.00</u>
OWAN <del>500</del> <u>600</u> Mbps service, per termination	<del>\$1,520.00</del> <u>1300.00</u>
OWAN 750 Mbps service, per termination	<del>\$1,750.00</del> <u>1520.00</u>
OWAN 1 Gbps service, per termination	<del>\$2,025.00</del> <u>1750.00</u>
<u>OWAN 2 Gbps service, per termination</u>	<u>\$2025.00</u>
<u>OWAN 10 Gbps service, per termination</u>	<u>\$4050.00</u>

This interim tariff will be submitted to the Ketchikan City Council for approval within 90 days. Customers will be advised of "pending approval" and that the rates could change.

The effective date of this Interim Tariff will be July 10, 2020.

Approved:  \_\_\_\_\_ Date:  \_\_\_\_\_  
Karl R. Amylon, KPU General Manager

cc: Lacey Simpson, Assistant KPU Manager  
Dan Lindgren, Assistant KPU Telecommunications Manager  
Jason Hudlin, Plant Manager  
Marketing Managers



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**Memorandum**

**To:** Karl Amylon, KPU General Manager

**From:** Ed Cushing, Telecommunications Division Manager  
 Kim Simpson, Division Manager of Sales, Marketing, & Customer Service

**Date:** 11/5/2020

**Subject:** Request for an Interim Tariff to change Internet service offerings.



*Kim Simpson  
by Ed Cushing*

**IT 20-1105**

**Under 11.12.090(b)(1) IP network service rates.**

(1) Internet Service Rates.

Description (Recurring Charges)					
Download Speeds Up To	Upload Speeds Up To	Email Accounts Included	Data Transfer Included	Monthly Rate	Additional Information
<del>3</del> M	<del>3</del> M	8	<del>25</del> GB	\$ <del>34.95</del>	
<del>5</del> M	<del>5</del> M	8	<del>50</del> GB	\$ <del>49.95</del>	
<del>40</del> <u>Up to 30</u> M	<del>40</del> <u>Up to 30</u> M	8	<del>150</del> <u>100</u> GB	\$59.95	
<del>30</del> <u>150</u> M	<del>30</del> <u>150</u> M	8	200 GB	\$74.95	
<del>400</del> <u>350</u> M	<del>400</del> <u>350</u> M	8	<del>400</del> <u>500</u> GB	\$89.95	

250 <del>650</del> M	250 <del>650</del> M	8	600 <del>750</del> GB	\$129.95	Includes 1 static IP
500-M <del>1GB</del>	500-M <del>1GB</del>	8	1 TB- <del>Business</del> <u>Unlimited</u> <u>Transfer-</u> <u>Residential</u>	\$199.95	Includes 1 static IP and managed WiFi-Consumer Grade, not Enterprise
0 M	0 M	0	0	\$18.95	Line access for KPU TV customers who do not require Internet

#### Add-On Features (Recurring Charges)

Additional email address.	\$1.00
Additional 1 MB server storage.	\$3.00
Additional 2 GB email storage space.	\$3.00
Static IP address – No service order charge for residential customer.	\$10.00
Additional each 10 GB over max. transfer.	\$1.00
<u>Standalone</u> Internet vacation rate.	\$12.00
Each 5 additional LAN stations above 8.	\$35.00
Static IP option (plus \$25.00 one-time setup fee).	\$10.00
Managed router service.	\$8.95
Managed router repeater, each.	\$4.95
Cloud firewall service.	\$1.95
Unlimited data transfer.	\$30.00
Consumer broadband loop.	\$15.13

**Description (Nonrecurring Charges)**

Internet reconnect (field visit not required)	\$20.00
Internet trip charge	\$20.00
Jack installation fee	\$55.00
Managed router service installation	\$49.95
Non-returned equipment fee, managed router service	\$150.00

This interim tariff will be submitted to the Ketchikan City Council for approval within 90 days. Customers will be advised of "pending approval" and that the rates could change.

The effective date of this Interim Tariff will be November 10, 2020.

Approved: Karl R. Amylon Digitally signed by Karl R. Amylon  
DN: cn=Karl R. Amylon, o=City Manager/  
General Manager, ou=City of Ketchikan/  
KPU, email=karla@kpr-ak.us, c=US  
Date: 2020.11.21 10:02:32 -0900' Date: \_\_\_\_\_

Karl R. Amylon, KPU General Manager

cc: Lacey Simpson, Assistant KPU Manager  
Dan Lindgren, Assistant KPU Telecommunications Manager  
Daniel White, Network Operations and Engineering Manager  
Jason Hudlin, Plant Manager  
Marketing Managers