



TERRA Product Descriptions & Pricing

NETWORK DESCRIPTION: TERRA is a middle mile terrestrial interstate broadband network connecting Anchorage with the TERRA communities. The TERRA network provides broadband transport services that are non-contended, Layer Two Ethernet in 1 Mbps increments and time division multiplexing (TDM) services in T-1 and fractional T-1 increments.

INITIAL 68 TERRA NETWORK LOCATIONS:

Customers may order service delivery at any of the following TERRA network locations.

AKIACHAK	GOODNEWS BAY	MARSHALL	PLATINUM
AKIAK	GRAYLING	MEKORYUK	PORT ALSWORTH
ALAKANUK	HOLY CROSS	MOUNTAIN VILLAGE	QUINHAGAK
ALEKNAGIK	HOOPER BAY	NAKNEK	RUSSIAN MISSION
ANCHORAGE	IGIUGIG	NAPAKIAK	SCAMMON BAY
ANIAK	ILLIAMNA	NAPASKIAK	SHAGELUK
ANVIK	KASIGLUK	NEW STUYAHOK	SHAKTOOLIK
ATMAUTLUAK	KING SALMON	NEWHALEN	SOUTH NAKNEK
BETHEL	KIPNUK	NEWTOK	ST. MARY'S
CHEFORNAK	KOKHANOK	NIGHTMUTE	TOGIAK
CHEVAK	KOLIGANEK	NONDALTON	TOKSOOK BAY
CHUATHBALUK	KONGIGANAK	NUNAM IQUA	TULUKSAK
CLARKS POINT	KWETHLUK	NUNAPITCHUK	TUNTUTULIAK
DILLINGHAM	KWIGILLINGOK	OSCARVILLE	TUNUNAK
EEK	LEVELOCK	PEDRO BAY	TWIN HILLS
EKWOK	LOWER KALSKAG	PILOT STATION	UNALAKLEET
EMMONAK	MANOKOTAK	PITKA'S POINT	UPPER KALSKAG

Additional locations may be added in the future and will be offered under the same terms and conditions and included in availability under existing service contracts, as the original locations.

The customer is responsible for transport from the TERRA network location premises to the customer premise.



ETHERNET SERVICE

Ethernet Network Service Description: Customers have full symmetrical access to the configured capacity with availability of 99.95% or no greater than 1296 seconds of outage per month (the "Availability Standards"). Designed to provide point-to-point or point-to-multi-point connectivity, each Ethernet Network shall be comprised of one hub port at one location and one or more edge ports at different additional locations. Only one hub port may be ordered per network. Ethernet Network Service is postalized; the price per port does not vary depending on route or distance. No additional usage charges apply.

Service Level:

- Round trip latency not to exceed 70 milliseconds¹
 - Measured using ITU-T Y.1564 standard tests
 - Measured TERRA POP to TERRA POP

Terms & Conditions for Ethernet:

1. Subject to TERRA Ethernet availability, TERRA shall provide to customer non-contended, Layer 2 Ethernet service among TERRA locations.
2. An Ethernet service network shall consist of one hub port at a single location and Edge Port(s) at one or more different locations.
3. Aggregate Ethernet hub capacity and aggregate Ethernet edge capacity each must be ordered in increments of one Mbps, although the capacity may be provisioned in increments of less than one Mbps at individual location(s).
4. The aggregate Ethernet capacity of the hub port in a service network shall not exceed the aggregate Ethernet capacity of the edge ports in a service network. If the aggregate capacity of the edge ports exceeds the hub port capacity, simultaneous non-contended service from the hub to all points is not guaranteed.
5. One or more service networks may be ordered under a single contract.
6. During the service term and subject to any conditions in the contract, customer shall be entitled to change the allocation of the aggregate Ethernet hub and edge capacity (including the modification or elimination of existing Service Networks and the creation of new Service Networks) among TERRA Locations so long as such reallocation:
 - (a) Meets the requirements of paragraphs 2, 3, and 4 above.

¹ The network is designed to limit round trip delay to not exceed 700 milliseconds during times of satellite restoration.



- (b) In the sole judgment of GCI, is technically feasible and commercially reasonable, taking into account, among other factors, TERRA's available capacity.
 - (c) Does not increase the aggregate Ethernet hub and edge capacity set forth in customer's service contract.
 - (d) Does not have the effect of reducing the total Monthly Recurring Charges set forth in customer's service contract.
7. Pricing shall be specific to the amount of capacity and term of service set forth in a single contract (i.e. customers may not aggregate discounts across contracts or service orders).
8. Pricing shall be determined in accordance with the pricing table below as follows:
- (a) Totaling all the hub capacity ordered in increments of IMB or greater under a single contract and applying the hub pricing table set out below. Ports less than IMB receive only term discounts and are not included in calculating capacity discounts.
 - (b) Totaling all the edge capacity ordered in increments of IMB or greater under a single contract and applying the edge pricing table set out below. Ports less than IMB receive only term discounts and are not included in calculating capacity discounts.
9. Minimum service term is one year.
10. Service restoration
- (a) In the event of an outage at a TERRA network location where a customer has ordered service, service is restored where possible via pre-designated satellite stations;
 - (b) Service may be reconfigured within the TERRA network as available to re-route traffic. Network reconfiguration for restoration purposes in the event of service outage is arranged on an individual case basis.



TERRA ETHERNET PRICING TABLE:

HUB PRICING TABLE (MONTHLY RECURRING CHARGES):

HUB CAPACITY/TERM	1 YEAR	3 YEAR	5 YEAR
64 Kbps	\$69	\$58	\$55
128 Kbps	\$138	\$117	\$110
256 Kbps	\$275	\$234	\$220
512 Kbps	\$550	\$468	\$440
768 Kbps	\$825	\$701	\$660
1-10 Mbps	\$1,100	\$935	\$880
11-20 Mbps	\$1,056	\$898	\$845
21-30 Mbps	\$1,034	\$879	\$827
31-40 Mbps	\$1,012	\$860	\$810
41-100 Mbps	\$990	\$842	\$792
101-200 Mbps	\$935	\$795	\$748
201-300 Mbps	\$770	\$655	\$616
301+ Mbps	\$550	\$468	\$440

EDGE PRICING TABLE (MONTHLY RECURRING CHARGES):

HUB CAPACITY/TERM	1 YEAR	3 YEAR	5 YEAR
64 Kbps	\$619	\$526	\$495
128 Kbps	\$1,238	\$1,052	\$990
256 Kbps	\$2,475	\$2,104	\$1,980
512 Kbps	\$4,950	\$4,208	\$3,960
768 Kbps	\$7,425	\$6,311	\$5,940
1-10 Mbps	\$9,900	\$8,415	\$7,920
11-20 Mbps	\$9,504	\$8,078	\$7,603
21-30 Mbps	\$9,306	\$7,910	\$7,445
31-40 Mbps	\$9,108	\$7,742	\$7,286
41-100 Mbps	\$8,910	\$7,574	\$7,128
101-200 Mbps	\$8,415	\$7,153	\$6,732
201-300 Mbps	\$6,930	\$5,891	\$5,544
301+ Mbps	\$4,950	\$4,208	\$3,960

In Lieu of the Standard Capacity/Term Discount, Critical Community Facilities can elect to receive a 25% discount off the lowest 1 Mbps volume one year rate. Critical Community Facilities means public facilities that provide community services essential for supporting the safety, health, and well-being of residents, including, but not limited to, emergency response and other public safety activities, hospitals and clinics, libraries and schools.

Individual Case Basis: Pricing is available in longer terms on an individual case basis.



NON-RECURRING CHARGES (NRC):

No fee shall be charged to initially provision service on TERRA. Subsequently, an NRC of \$95.00 (per hub or edge port) shall be charged for any Service Network change.

PORT EXTENSIONS:

A Port Extension provides a connection between a TERRA Port and a customer's premises at the same TERRA location. See "Port Extensions" under Other Terms and Conditions for a full description.

Port Extension Capacity	NRC	MRC
1 to 10 Mbps	ICB	\$300 per Port Extension
11 to 20 Mbps	ICB	\$350 per Port Extension
21 to 30 Mbps	ICB	\$400 per Port Extension
31 to 40 Mbps	ICB	\$420 per Port Extension
41 to 100 Mbps	ICB	\$450 per Port Extension
Rate applies to an individual Port Extension.		
Mbps are measured at the specific port where the Port Extension is ordered, and not aggregated across multiple Port Extensions.		
Port Extensions are location-specific and may not be re-located.		



Time Division Multiplexing Service

TDM Service Description: Customers have access to dedicated bandwidth which is not oversubscribed. Private line service on TERRA is sold in 9.6 Kbps to T-1 increments. Customers have full symmetrical access to the configured capacity with a guaranteed availability of 99.95% or no greater than 1296 seconds of outage per month (the “Availability Standard”). TDM service is designed to provide point-to-point connectivity. TERRA private line rates are postalized; the price per circuit does not vary by route or distance. Service may be restored where possible via pre-designated satellite earth stations in the event of a service outage.

Service Level:

- Round trip latency not to exceed 70 milliseconds, measured from TERRA POP to TERRA POP.²

Terms & Conditions for TDM:

1. Subject to TDM availability, TERRA shall provide industry-standard T-1s and fractional T-1s between any two TERRA locations.
2. Pricing shall be specific to the amount of capacity and term of service set forth in a single contract (i.e., customers may not aggregate discounts across contracts).
3. During the service term and subject to conditions in the contract, purchaser shall be entitled to reassign one or both locations of any purchased T-1s and fractional T-1s subject to reconfiguration service charges. Non-recurring charges for changes to local circuits at new locations are the responsibility of the customer.
4. Pricing shall be determined in accordance with the pricing table below as applied to the aggregated T-1's ordered under an individual contract for the applicable term. Fractional T-1s are not included in calculating capacity discounts.
5. Minimum term of service is one year.
6. In the event of an outage at a TERRA network location where a customer has ordered service, service may be reconfigured within the TERRA network as available to re-route traffic. Network reconfiguration for restoration purposes in the event of service outage is arranged on an individual case basis.

² The network is designed to limit round trip delay to not exceed 700 milliseconds during times of satellite restoration.



TERRA STANDARD TDM PRICING TABLE (MONTHLY RECURRING CHARGES):

TERM	1 YEAR	3 YEAR	5 YEAR
<56 Kbps	\$1,240	\$1,054	\$992
56 Kbps	\$1,516	\$1,289	\$1,213
64 Kbps	\$1,516	\$1,289	\$1,213
128 Kbps	\$2,618	\$2,226	\$2,095
192 Kbps	\$3,170	\$2,694	\$2,536
256 Kbps	\$3,721	\$3,163	\$2,977
320 Kbps	\$4,134	\$3,514	\$3,308
340 Kbps	\$4,272	\$3,631	\$3,418
384 Kbps	\$4,823	\$4,100	\$3,859
512 Kbps	\$5,926	\$5,037	\$4,741
640 Kbps	\$6,891	\$5,857	\$5,513
768 Kbps	\$8,269	\$7,028	\$6,615
1.024 MBPS	\$10,336	\$8,786	\$8,269
1-6 T-1s – per T-1	\$16,984	\$14,436	\$13,587
7-13 T-1s– per T-1	\$16,305	\$13,859	\$13,044
14-19 T-1s– per T-1	\$15,965	\$13,570	\$12,772
20-26 T-1s– per T-1	\$15,625	\$13,281	\$12,500
27-65 T-1s– per T-1	\$15,286	\$12,993	\$12,228
66-130 T-1s– per T-1	\$14,436	\$12,271	\$11,549
131-194 T-1s– per T-1	\$11,889	\$10,105	\$9,511
195+ T-1s– per T-1	\$8,492	\$7,218	\$6,794

In lieu of the Standard Capacity and Terms Discounts, Critical Community Facilities can elect to receive a 25% discount off the lowest T-1 one year rate: Critical Community Facilities means public facilities that provide community services essential for supporting the safety, health, and well-being of residents, including, but not limited to, emergency response and other public safety activities, hospitals and clinics, libraries and schools.

Individual Case Basis: Pricing is available in longer terms on an individual case basis.

NON-RECURRING CHARGES (NRC):

No fee shall be charged to initially provision service on TERRA. Subsequently, an NRC of \$95.00 (per T1 or fractional T-1 termination) shall be charged for any Service Network change.



PORT EXTENSIONS:

A Port Extension provides a T-1 connection between a TERRA Port and a customer's premises at the same TERRA location. See "Port Extensions" under Other Terms and Conditions for a full description.

PORT EXTENSIONS	NRC	MRC
1 T1	ICB	\$350.00
per additional T1 at same customer premises	ICB	\$150.00



ETHERNET AND TDM SERVICE: OTHER TERMS AND CONDITIONS

Other charges may be incurred for conditioning, modems, etc. The customer is responsible for paying actual charges determined at the time of installation. The customer is responsible for all applicable charges and surcharges imposed by other carriers for local connections.

PORT EXTENSIONS:

TERRA may provide a Port Extension on its facilities where available to a customer premises within the same local exchange area as the TERRA location where the customer has purchased a Port. Port Extensions include transport and termination equipment at the customer premises. Port Extension charges are in addition to the Port charge at the TERRA endpoint. Port Extension charges include non-recurring charges and monthly recurring charges. Port Extensions outside a local exchange area will be considered on an individual case basis and recurring and non-recurring charges may vary.

TERMINATION:

Following the expiration of the contract-specified service term, services will continue on a month-to-month basis until such time that GCI receives written notice of termination which shall be provided to GCI by the Customer no less than sixty (60) days prior to the requested termination date.

CREDIT:

A cash deposit or commercial letter of credit may be required based on a customer's financial qualifications and the combined value of all payments required under the Service Order.

LIQUIDATED DAMAGES:

Failure to honor the Capacity/Term Commitments will result in damages to GCI. Liquidated damages will be calculated in accordance with the following formula:

- (a)** The stream of MRCs from the date that the customer fails to honor the Capacity/Term Commitments (the "Breach Date") through the date the Term ends shall be discounted to present value, using a discount rate of 10%.
- (b)** Any payments owed by the customer prior to the Breach Date shall be added to the amount calculated above.
- (c)** Any payments received from the customer after the Breach Date shall be subtracted from the amount calculated under this section.
- (d)** The amount calculated under this section shall be the liquidated damages owed by customer to GCI.

LOCAL ACCESS CIRCUITS: Customer shall be responsible for arranging and paying for local telephone or other tail circuit facilities to connect the TERRA location POP to the premises of the customer.