The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Non-exempt agencies will require OTech/STND Telecommunications Delegation (http://www.dts.ca.gov/stnd/pdf/stmm/050200.pdf) unless otherwise noted below.

All California non-exempt state agencies are required to use the CALNET MSA to obtain mandatory telecommunications services.

CALNET 2 - MSA 4 Product Description and Pricing (Contract ID: 5-06-58-23)	Section
BFWA Data Channel Basic Line Rate Service - 1x	6.4.3.1
BFWA Data Channel Enhanced Line Rate Service - EVDO	6.4.3.2
BFWA Additional Line Rate Data Channel Service - EVDO	6.4.3.3
Additional Line Rate Data Channel Service - VSAT	6.4.3.3 B
Additional Line Rate Data Channel Service - VSAT	6.4.3.3 C
Wireline Data Channel Basic Line Rate Service	6.4.4.1
Wireline Data Channel Enhanced Line Rate Service	6.4.4.2
Additional Wireline Line Rate Data Channel Service 200k - 700k	6.4.4.3.A
Additional Wireline Line Rate Data Channel Service Over 700k	6.4.4.3.B
Low Voltage Simple Wiring Services, Services Entrance, and Extended Termination	6.4.6.1.1
Station Wiring	6.4.6.1.2
Inside Wiring Services	6.4.6.1.3
Services Related Hourly Support	6.4.6.2

Telecommunications Contracts and Services for Mandatory Services

PURPOSE
To provide specific directions to non-exempt state agencies regarding mandatory telecommunications services, which are required to be purchased from the CALNET Master Services Agreement (MSA).

POLICY
All California non-exempt state agencies are required to use the CALNET MSA to obtain mandatory telecommunications services.
Exempt state agencies are encouraged, but are not required, to use the CALNET MSA to obtain telecommunications services.

Non-state agencies with an Authorization To Order (ATO) Agreement have no mandatory or non-mandatory procurement restrictions imposed by the state; except that those services listed on their specific ATO Agreement are mandatory to purchase from the CALNET MSA.

RESPONSIBILITIES
The agency designated Chief Agency Telecommunications Representative (CATR) and/or the Agency Telecommunications Representative (ATR) will determine the needed telecommunications services. The CATR/ATR will then refer to the mandatory services list (See Appendix A). Non-exempt agencies requiring any services listed on the mandatory services list, must order them from the CALNET MSA.

PROCEDURES

To obtain mandatory services from the CALNET contract, the agency simply submits a State Standard Form 20, to the supplying vendor, requesting the desired services.

To obtain mandatory telecommunications services from a source other than the CALNET MSA, a non-exempt state agency must submit a written exemption request (See STMM Chapter 442.0) to the Office of Technology Services-Statewide Telecommunications and Network Division (OTech-STND), Attention: Contracts Management Section.

6.4.3.1 BFWA Data Channel Basic Line Rate Service - 1x

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: BFWA Data Channel Basic Line Rate

Description of the Service: Local Wireless Segment using CDMA-EVDO ("EVDO"), Customer Premise Data Communications Equipment, and provides technology based (CDMA) Encryption Open Standards Based Network Interface. Wireless Channel line average throughput is greater than 100Kbps.

Availability: Availability can be determined real-time at http://www.verizonwireless.com/b2c/CoverageLocatorController?requesttype=NEWREQUEST by entering City/State or Zip Code and selecting 'BroadBandAccess', or by contacting your Verizon Business CALNET Account Manager.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Basic Line Rate (1 end point) – 10Mb (10,000kb) Usage - Monthly Service Fee	WB100000	Includes EVDO wireless data device and bridge/router. Available EVDO Wireless Data Channel Basic Line Rate packages and allotment of base 10Mb usage.		Per Channel	$685.00	$19.17	-	Yes	Yes
BFWA Basic Line Rate Usage Over 10Mb (10,000kb)	WBUC0000	Usage is measured in Mbps. Only Usage over the subscribed allotment is measured and charged per Mb.		Per Mb	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Additional services available for purchase:

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
EVDO Wireless Data Channel Basic Line Rate (1 end point)	WB010000 WB020000 WB030000 WB040000 WB050000 WB250000 WB500000 WB750000 WB1H0000	Includes EVDO wireless data device and bridge/router. Available EVDO Wireless Data Channel Basic Line Rate packages and allotment of base usage in increments. • 1 Mb (1,000kb) • 2 Mb (2,000kb) • 3 Mb (3,000kb) • 4 Mb (4,000kb) • 5 Mb (5,000kb) • 25 Mb (25,000kb) • 50 Mb (50,000kb) • 75 Mb (75,000kb)						Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 1Mb (1,000kb) Usage - Monthly Service Fee	WB010000			Per Channel	$685.00	$12.19	-	Yes	Yes
BFWA Basic Line Rate Usage Over 1Mb (1,000kb)	WBUC0000	Usage is measured in Mbps. Only Usage over the subscribed allotment is measured and charged per Mb.		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 2Mb (2,000kb) Usage - Monthly Service Fee	WB020000	See Above		Per Channel	$685.00	$13.93	-	Yes	Yes
BFWA Basic Line Rate Usage Over 2Mb (2,000kb)	WBUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Basic Line Rate (1 end point) – 3Mb (3,000kb) Usage - Monthly Service Fee	WB030000	See Above		Per Channel	$685.00	$15.67	-	Yes	Yes
BFWA Basic Line Rate Usage Over 3Mb (3,000kb)	WBUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 4Mb (4,000kb) Usage - Monthly Service Fee	WB040000	See Above		Per Channel	$685.00	$17.41	-	Yes	Yes
BFWA Basic Line Rate Usage Over 4Mb (4,000kb)	WBUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 5Mb (5,000kb) Usage - Monthly Service Fee	WB050000	See Above		Per Channel	$685.00	$19.16	-	Yes	Yes
BFWA Basic Line Rate Usage Over 5Mb (5,000kb)	WBUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 25Mb (25,000kb) Usage - Monthly Service Fee	WB250000	See Above		Per Channel	$685.00	$21.77	-	Yes	Yes
BFWA Basic Line Rate Usage Over 25Mb (25,000kb)	WBUC0000	*See Above*		Per Mb	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Basic Line Rate (1 end point) – 50Mb (50,000kb) Usage - Monthly Service Fee	WB500000	See Above		Per Channel	$685.00	$39.20	-	Yes	Yes
BFWA Basic Line Rate Usage Over 50Mb (50,000kb)	WBUC0000			Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 75Mb (75,000kb) Usage - Monthly Service Fee	WB750000	See Above		Per Channel	$685.00	$47.91	-	Yes	Yes
BFWA Basic Line Rate Usage Over 75Mb (75,000kb)	WBUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Basic Line Rate (1 end point) – 100Mb (100,000kb) Usage - Monthly Service Fee	WB1H0000	See Above		Per Channel	$685.00	$56.62	-	Yes	Yes
BFWA Basic Line Rate Usage Over 100Mb (100,000kb)	WBUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes

Notes:

Applicable Service Level Agreements:
  Service Availability Percentage
  Catastrophic Outage 1
  Catastrophic Outage 3
  Round Trip Transmission Delay
  Excessive Outage
  Notification
  Provisioning
  Response Duration from Receipt of Order
  Administrative Service Level Agreements

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Taxes and Surcharges:

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

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6.4.3.2 BFWA Data Channel Enhanced Line Rate Service - EVDO

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: BFWA Data Channel Enhanced Line Rate

Description of the Service: Local Wireless Segment using CDMA-EVDO ("EVDO"), Customer Premise Data Communications Equipment, and provides technology based (CDMA) Encryption Open Standards Based Network Interface. Wireless Channel line average throughput is greater than 200Kbps.

Availability: Availability can be determined real-time at http://www.verizonwireless.com/b2c/CoverageLocatorController?requesttype=NEWREQUEST by entering City/State or Zip Code and selecting 'BroadBandAccess', or by contacting your Verizon Business CALNET Account Manager.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Enhanced Line Rate (1 end point) – 10Mb (10,000kb) Usage - Monthly Service Fee	WE100000	Includes EVDO wireless data device and bridge/router. Available EVDO Wireless Data Channel Enhanced Line Rate packages and allotment of base 10Mb usage.		Per Channel	$685.00	$23.52	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 10Mb (10,000kb)	WEUC0000	Usage is measured in Mbps. Usage over the subscribed allotment is measured and charged per Mb.		Per Mb	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Additional services available for purchase:

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
EVDO Wireless Data Channel Enhanced Line Rate (1 end point)	WE010000 WE020000 WE030000 WE040000 WE050000 WE250000 WE500000 WE750000 WE1H0000	Includes EVDO wireless data device and bridge/router. Available EVDO Wireless Data Channel Enhanced Line Rate packages and allotment of base usage in increments: • 1 Mb (1,000kb) • 2 Mb (2,000kb) • 3 Mb (3,000kb) • 4 Mb (4,000kb) • 5 Mb (5,000kb) • 25 Mb (25,000kb) • 50 Mb (50,000kb) • 75 Mb (75.000kb) • 100 Mb (100,000kb)						Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 1Mb (1,000kb) Usage - Monthly Service Fee	WE010000	See Above		Per Channel	$685.00	$16.54	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 1Mb (1,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 2Mb (2,000kb) Usage - Monthly Service Fee	WE020000	See Above		Per Channel	$685.00	$17.43	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 2Mb (2,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Enhanced Line Rate (1 end point) – 3Mb (3,000kb) Usage - Monthly Service Fee	WE030000	See Above		Per Channel	$685.00	$20.03	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 3Mb (3,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 4Mb (4,000kb) Usage - Monthly Service Fee	WE040000	See Above		Per Channel	$685.00	$21.77	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 4Mb (4,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 5Mb (5,000kb) Usage - Monthly Service Fee	WE050000	See Above		Per Channel	$685.00	$23.51	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 5Mb (5,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 25Mb (25,000kb) Usage - Monthly Service Fee	WE250000	See Above		Per Channel	$685.00	$26.13	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 25Mb (25,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Enhanced Line Rate (1 end point) – 50Mb (50,000kb) Usage - Monthly Service Fee	WE500000	See Above		Per Channel	$685.00	$43.55	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 50Mb (50,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 75Mb (75,000kb) Usage - Monthly Service Fee	WE750000	See Above		Per Channel	$685.00	$52.26	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 75Mb (75,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes
Wireless Data Channel Enhanced Line Rate (1 end point) – 100Mb (100,000kb) Usage - Monthly Service Fee	WE1H0000	See Above		Per Channel	$685.00	$60.98	-	Yes	Yes
BFWA Enhanced Line Rate Usage Over 100Mb (100,000kb)	WEUC0000	See Above		Per Mb	-	$0.0044	-	Yes	Yes

Notes:

Applicable Service Level Agreements:
   Service Availability Percentage
   Catastrophic Outage 1
   Catastrophic Outage 3
   Round Trip Transmission Delay
   Excessive Outage
   Notification

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Provisioning									
Response Duration from Receipt of Order									
Administrative Service Level Agreements									

Taxes and Surcharges:

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 ,for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.3.3 BFWA Additional Line Rate Data Channel Service - EVDO

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: BFWA Data Channel Additional Line Rate (200KB-700KB)

Description of the Service: Local Wireless Segment using CDMA-EVDO ("EVDO"), Customer Premise Data Communications Equipment, and provides technology based (CDMA) Encryption Open Standards Based Network Interface. Wireless Channel line average throughput is between than 200KB and 700KB.

Availability: Availability can be determined real-time at http://www.verizonwireless.com/b2c/CoverageLocatorController?requesttype=NEWREQUEST by entering City/State or Zip Code and selecting 'BroadBandAccess', or by contacting your Verizon Business CALNET Account Manager.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
EVDO Wireless Data Channel Additional Line Rate (200KB-700KB) (1 end point) – 10MB (10,000KB) Usage - Monthly Service Fee	WA100000	Includes EVDO wireless data device and bridge/router. Available EVDO Wireless Data Channel Additional Line Rate (200KB-700KB) package and allotment of base 10MB usage.		Per Channel	$685.00	$27.88	-	Yes	Yes
BFWA Additional Line Rate Usage Over 10MB (10,000KB)	WAUC0000	Usage is measured in MB. Usage over the subscribed allotment is measured and charged per MB.		Per MB	-	$0.0044	-	Yes	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
LTE 4G Wireless Data Channel Additional Line Rate (1 end point) – 25GB Usage - Monthly Service Fee	LTEW0025	This plan includes a usage bucket of 25GB a month per connection. Overage charges above 25GB will apply for exceeding 25GB per site unless there are multiple sites. Customers with multiple sites will share aggregate usage across all locations before overage would apply. This is a usage plan only and does not include the device connecting to the network. Any device connecting to the network must be certified to work on the Verizon LTE 4G platform. This plan is only available to locations that have access to Verizon Long Term Technology (LTE) 4G signals. Verizon LTE 4G technology is expected to deliver average user throughputs of approximately 7-12 Mbps on the downlink and approximately 2-5 Mbps on the uplink depending on signal strength. Network latency is in the 30ms range.	Verizon will make adjustments to the wireless performance (throughput, speeds, and other performance parameters) of the customer network connection should Verizon find a negative impact to the overall performance of the wireless network. Verizon is estimating performance parameters for customer experience and not guarantee network performance.	Per Device Connection	N/A	$333.13	N/A	Yes	Yes
LTE 4G Wireless Data Channel Additional Line Rate (1 end point) – 1GB Overage for Usage Over 25GB Per Device Connection - Monthly Service Fee	LTEO0001	Usage is measured in GB Usage over the subscribed allotment. This is measured and charged on a per GB basis.		Per 1GB	N/A	$10.25	N/A	Yes	Yes

6.4.3.3 BFWA Additional Line Rate Data Channel Service - EVDO

Effective January 30, 2007
Updated August 29, 2013

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Notes:

Applicable Service Level Agreements:
  Service Availability Percentage
  Catastrophic Outage 1
  Catastrophic Outage 3
  Round Trip Transmission Delay
  Excessive Outage
  Notification
  Provisioning
  Response Duration from Receipt of Order
  Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.3.3 BFWA Additional Line Rate Data Channel Service - EVDO

Effective January 30, 2007
Updated August 29, 2013

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6.4.3.3 B Additional Line Rate Data Channel Service - VSAT

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: BFWA Data Channel Additional Line Rate - VSAT

Description of the Service: Local Wireless Segment using satellite service ("VSAT"), Customer Premise Data Communications Equipment, and provides technology based (VSAT) Encryption Open Standards Based Network Interface. Wireless Channel line access speeds are available between 32k and 1544k.

Availability: In order to deploy Verizon VSAT services, a Site Survey must be performed to evaluate coverage availability and the RF requirements and characteristics of each site. Site surveys are a "best practice" during deployment, and are performed to address network and transmission limitations, customer equipment, weather, topography, building location, building structure, and other environmental considerations associated with radio technology that could be identified as service affecting. At the conclusion of site survey, Verizon will provide a gap analysis of requirements, as necessary, to implement the service. Generally, VSAT services are available statewide.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Additional Line Rate – VSAT (1 end point)	VSAT0000	Includes: • Indoor Unit – The indoor unit (IDU) provides a two-way satellite modem function, Internet Protocol (IP) routing, IP acceleration, network management functions, and 10/100 Ethernet customer handoff	In order to deploy Verizon VSAT services, a Site Survey must be performed to evaluate coverage availability and the RF requirements and characteristics of each site. Site surveys are a "best practice" during deployment, and are performed to address network and transmission limitations,	See Below	See Below	See Below	See Below	Yes	No

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
		• Satellite Dish – The satellite dish is mounted on a roof, wall, or on the ground, depending on the site characteristics. The satellite dish includes the azimuth-elevation position, feed support beam and rods, and a radio unit to transmit and receive data • Radio – The radio used to transmit and receive data via satellite includes an upconverter power amplifier, ortho-mode transducer, low-noise block down-converter, and transmit reject filter • Cable – The satellite dish is connected to the IDU by two shielded radio frequency (RF) coaxial cables, both of which carry signal and power Available VSAT Wireless Data Channel Access Speeds (Uplink/Downlink): • 32Kb/32Kb • 64Kb/32Kb • 64Kb/64Kb • 128Kb/32Kb • 128Kb/64Kb • 128Kb/128Kb • 256Kb/32Kb • 256Kb/64Kb • 256Kb/128Kb • 256Kb/256Kb • 384Kb/32Kb • 384Kb/64Kb • 384Kb/128Kb • 384Kb/256Kb • 384Kb/384Kb • 512Kb/32Kb • 512Kb/64Kb • 512Kb/128Kb	customer equipment, weather, topography, building location, building structure, and other environmental considerations associated with radio technology that could be identified as service affecting. At the conclusion of site survey, Verizon will provide a gap analysis of requirements, as necessary, to implement the service						

6.4.3.3B Additional Line Rate Data Channel Service - VSAT

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
		• 512Kb/256Kb • 512Kb/384Kb • 512Kb/512Kb • 768Kb/32Kb • 768Kb/64Kb • 768Kb/128Kb • 768Kb/256Kb • 768Kb/384Kb • 768Kb/512Kb • 768Kb/768Kb • 1024Kb/32Kb • 1024Kb/64Kb • 1024Kb/128Kb • 1024Kb/256Kb • 1024Kb/384Kb • 1024Kb/512Kb • 1024Kb/768Kb • 1024Kb/1024Kb • 1544Kb/32Kb • 1544Kb/64Kb • 1544Kb/128Kb • 1544Kb/256Kb • 1544Kb/384Kb • 1544Kb/512Kb • 1544Kb/768Kb • 1544Kb/1024Kb • 1544Kb/1544Kb							
768Kb/768Kb				Per Up/Down Channel	$4,240.65	$1,074.25	-	Yes	No

6.4.3.3B Additional Line Rate Data Channel Service - VSAT

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Additional services available for purchase:

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireless Data Channel Additional Line Rate – VSAT (1 end point)	VSAT0000	Includes: • Indoor Unit – The indoor unit (IDU) provides a two-way satellite modem function, Internet Protocol (IP) routing, IP acceleration, network management functions, and 10/100 Ethernet customer handoff • Satellite Dish – The satellite dish is mounted on a roof, wall, or on the ground, depending on the site characteristics. The satellite dish includes the azimuth-elevation position, feed support beam and rods, and a radio unit to transmit and receive data • Radio – The radio used to transmit and receive data via satellite includes an upconverter power amplifier, ortho-mode transducer, low-noise block down-converter, and transmit reject filter • Cable – The satellite dish is connected to the IDU by two shielded radio frequency (RF) coaxial cables, both of which carry signal and power	In order to deploy Verizon VSAT services, a Site Survey must be performed to evaluate coverage availability and the RF requirements and characteristics of each site. Site surveys are a "best practice" during deployment, and are performed to address network and transmission limitations, customer equipment, weather, topography, building location, building structure, and other environmental considerations associated with radio technology that could be identified as service affecting. At the conclusion of site survey, Verizon will provide a gap analysis of requirements, as necessary, to implement the service		See Below	See Below	See Below	Yes	No
32Kb/32Kb				Per Up/Down Channel	$4,240.65	$78.41	-	Yes	No
64Kb/32Kb				Per Up/Down Channel	$4,240.65	$79.28	-	Yes	No

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
64Kb/64Kb				Per Up/Down Channel	$4,240.65	$80.16	-	Yes	No
128Kb/32Kb				Per Up/Down Channel	$4,240.65	$81.90	-	Yes	No
128Kb/64Kb				Per Up/Down Channel	$4,240.65	$82.77	-	Yes	No
128Kb/128Kb				Per Up/Down Channel	$4,240.65	$85.38	-	Yes	No
256Kb/32Kb				Per Up/Down Channel	$4,240.65	$87.13	-	Yes	No
256Kb/64Kb				Per Up/Down Channel	$4,240.65	$88.00	-	Yes	No
256Kb/128Kb				Per Up/Down Channel	$4,240.65	$90.61	-	Yes	No
256Kb/256Kb				Per Up/Down Channel	$4,240.65	$95.84	-	Yes	No
384Kb/32Kb				Per Up/Down Channel	$4,240.65	$92.35	-	Yes	No
384Kb/64Kb				Per Up/Down Channel-	$4,240.65	$93.22	-	Yes	No
384Kb/128Kb				Per Up/Down Channel	$4,240.65	$95.84	-	Yes	No
384Kb/256Kb				Per Up/Down Channel	$4,240.65	$101.07	-	Yes	No
384Kb/384Kb				Per Up/Down Channel	$4,240.65	$106.29	-	Yes	No
512Kb/32Kb				Per Up/Down Channel	$4,240.65	$97.58	-	Yes	No

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
512Kb/64Kb				Per Up/Down Channel	$4,240.65	$98.45	-	Yes	No
512Kb/128Kb				Per Up/Down Channel	$4,240.65	$101.07	-	Yes	No
512Kb/256Kb				Per Up/Down Channel	$4,240.65	$106.29	-	Yes	No
512Kb/384Kb				Per Up/Down Channel	$4,240.65	$123.72	-	Yes	No
512Kb/512Kb				Per Up/Down Channel	$4,240.65	$130.69	-	Yes	No
768Kb/32Kb				Per Up/Down Channel	$4,240.65	$118.49	-	Yes	No
768Kb/64Kb				Per Up/Down Channel	$4,240.65	$120.23	-	Yes	No
768Kb/128Kb				Per Up/Down Channel	$4,240.65	$123.72	-	Yes	No
768Kb/256Kb				Per Up/Down Channel	$4,240.65	$130.69	-	Yes	No
768Kb/384Kb				Per Up/Down Channel	$4,240.65	$137.66	-	Yes	No
768kb/512Kb				Per Up/Down Channel	$4,240.65	$178.61	-	Yes	No
1024Kb/32Kb				Per Up/Down Channel	$4,240.65	$132.43	-	Yes	No
1024Kb/64Kb				Per Up/Down Channel	$4,240.65	$134.17	-	Yes	No
1024Kb/128Kb				Per Up/Down Channel	$4,240.65	$137.66	-	Yes	No

6.4.3.3B Additional Line Rate Data Channel Service - VSAT

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
1024Kb/256Kb				Per Up/Down Channel	$4,240.65	$178.61	-	Yes	No
1024Kb/384Kb				Per Up/Down Channel	$4,240.65	$189.06	-	Yes	No
1024Kb/512Kb				Per Up/Down Channel	$4,240.65	$199.52	-	Yes	No
1024Kb/768Kb				Per Up/Down Channel	$4,240.65	$220.43	-	Yes	No
1024Kb/1024Kb				Per Up/Down Channel	$4,240.65	$406.87	-	Yes	No
1544Kb/32Kb				Per Up/Down Channel	$8,269.65	$203.00	-	Yes	No
1544Kb/64Kb				Per Up/Down Channel	$8,269.65	$205.62	-	Yes	No
1544Kb/128Kb				Per Up/Down Channel	$8,269.65	$210.84	-	Yes	No
1544Kb/256Kb				Per Up/Down Channel	$8,269.65	$366.80	-	Yes	No
1544Kb/384Kb				Per Up/Down Channel	$8,269.65	$386.84	-	Yes	No
1544Kb/512Kb				Per Up/Down Channel	$8,269.65	$407.75	-	Yes	No
1544Kb/768Kb				Per Up/Down Channel	$8,269.65	$823.33	-	Yes	No
1544Kb/1024Kb				Per Up/Down Channel	$8,269.65	$906.10	-	Yes	No
1544Kb/1544Kb				Per Up/Down Channel	$8,269.65	$1,074.25	-	Yes	No

6.4.3.3B Additional Line Rate Data Channel Service - VSAT

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Notes:

Applicable Service Level Agreements:

Service Availability Percentage
Catastrophic Outage 1
Catastrophic Outage 3
Excessive Outage
Notification
Provisioning
Response Duration from Receipt of Order
Administrative Service Level Agreements

Taxes and Surcharges:

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4
for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.3.3 C Additional Line Rate Data Channel Service - VSAT

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: BFWA Data Channel Additional Line Rate - VSAT

Description of the Service: Local Wireless Segment using satellite service ("VSAT"), Customer Premise Data Communications Equipment, and provides technology based (VSAT) Encryption Open Standards Based Network Interface. Wireless Channel line access speeds are available between 32k and 6144k.

Availability: In order to deploy Verizon VSAT services, a Site Survey must be performed to evaluate coverage availability and the RF requirements and characteristics of each site. Site surveys are a "best practice" during deployment, and are performed to address network and transmission limitations, customer equipment, weather, topography, building location, building structure, and other environmental considerations associated with radio technology that could be identified as service affecting. At the conclusion of site survey, Verizon will provide a gap analysis of requirements, as necessary, to implement the service. Generally, VSAT services are available statewide.

Unless noted separately, services include the following elements: planning, applicable design, engineering, testing, installation, and training, where applicable.

VSAT Terminal CPE

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 0.98 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VSIU0001	A fixed VSAT system with a .98m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 256Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$1,721.00	N/A	N/A	No	Yes
Site Ready Installation Standard – 0.98 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VSIU0002	A fixed VSAT system with a .98m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 256Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,231.42	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 0.98 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VSIU0003	A fixed VSAT system with a .98m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,577.31	N/A	N/A	No	Yes
Site Ready Installation Standard – 0.98 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VSIU0004	A fixed VSAT system with a .98m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$3,087.73	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.2 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VSTI0003	A fixed VSAT system with a 1.2m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$1,816.14	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.2 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VHWI0003	A fixed VSAT high-wind system with a 1.2m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,407.83	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.2 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VSTD0003	A fixed VSAT system with a 1.2m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,435.58	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.2 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VHWD0003	A fixed VSAT high-wind system with a 1.2m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,407.83	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.2 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VSTI0004	A fixed VSAT system with a 1.2m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 1,024Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,672.46	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.2 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VHWA0003	A fixed VSAT high-wind system with a 1.2m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 1,024Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$3,264.14	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.2 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VSTD0004	A fixed VSAT system with a 1.2m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 1,024Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$3,291.90	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.2 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VHWD0004	A fixed VSAT high-wind system with a 1.2m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 1,024Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$3,784.47	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.8 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VSNI0003	A fixed VSAT system with a 1.8m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$2,711.11	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.8 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VHNI0003	A fixed VSAT high-wind system with a 1.8m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$4,476.26	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.8 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VSND0003	A fixed VSAT system with a 1.8m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$3,796.36	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.8 Meter Non-Penetrating Antenna, 3 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VHND0003	A fixed VSAT high-wind system with a 1.8m antenna, 3 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 512Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$5,561.52	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.8 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VSNI0004	A fixed VSAT system with a 1.8m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 2,048Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$3,567.42	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.8 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, 250 Feet dual RG6 IFL Cable & Site Survey.	VHNI0004	A fixed VSAT high-wind system with a 1.8m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 2,048Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$5,332.57	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Site Ready Installation Standard – 1.8 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VSND0004	A fixed VSAT system with a 1.8m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non-penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 2,048Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$4,652.67	N/A	N/A	No	Yes
Site Ready Installation High-Wind – 1.8 Meter Non-Penetrating Antenna, 4 Watt BUC, Spare BUC, LNB, Spare LNB, De-Ice, 250 Feet dual RG6 IFL Cable & Site Survey.	VHND0004	A fixed VSAT high-wind system with a 1.8m antenna, 4 watt Block Up Converter (BUC) Spare BUC, Low Noise Block Converter (LNB), Spare LNB, De-Ice, 250 Feet Dual RG6 Inter Facility Link (IFL) Cable and a Site Survey. This includes a standard non- penetrating flat roof antenna mount and installation of this system. Site survey includes, but not limited to, confirm satellite line of site, define placement of outdoor antenna, antenna mount selection type, confirm customer provided path for RG6 IFL cable placement from roof to Router/Modem room closet and location for router/modem (grounding included on antenna and BUC). This system supports transmission speeds between 32Kbps to 2,048Kbps that connects to the Wireline service (Private IP network). Router/Modem and Bandwidth is ordered separately. VSAT training is recommended for VSAT Terminal CPE system with feature identifiers identified below (TRQA0000 or TRCL0000).		Per System	$6,417.82	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Optional VSAT CPE Installations, Service Upgrades & Training									
Feature Name	**Feature Identifier**	**Feature Description**	**Feature Limits or Compatibility Restrictions**	**Unit of Measure**	**Unit Non - Recurring**	**Unit Recurring**	**Change Charges**	**Delegation Required**	**Mandatory Service**
1.2m – Pole Mount with Installation	VPLM0000	Price includes Pole mount and additional installation required for the Pole mount for a 1.2m VSAT antenna. The price shown is in addition to the standard 1.2m VSAT CPE. The pole is mounted in the ground. This includes digging the hole, (manually or by machine) providing the pole, supplying the cement, pouring it and setting the pole in place at time of installation of the VSAT Terminal CPE.		Per Unit	$1,530.40	N/A	N/A	No	Yes
1.2m – Ridge Mount with Installation	VRMI0000	Price includes Ridge mount and additional installation required for the Ridge mount for a 1.2m VSAT antenna at time of installation of the VSAT Terminal CPE. The price shown is in addition to the standard 1.2m VSAT CPE.		Per Unit	$510.40	N/A	N/A	No	Yes
1.2m – Wall Mount with Installation	VWMI0000	Price includes Wall mount and additional installation required for the Wall mount for a 1.2m VSAT antenna at time of installation of the VSAT Terminal CPE. The price shown is in addition to the standard 1.2m VSAT CPE.		Per Unit	$420.00	N/A	N/A	No	Yes
1.2m – Canopy Mount with Installation	VCMI0000	Price includes Canopy mount and additional installation required for the Canopy mount for a 1.2m VSAT antenna at time of installation of the VSAT Terminal CPE. The price shown is in addition to the standard 1.2m VSAT CPE. VSAT service.		Per Unit	$420.00	N/A	N/A	No	Yes
1.8m – Pole Mount with Installation	VPMI0000	Price includes Pole mount and additional installation required for the Pole mount for a 1.8m VSAT antenna. The price shown is in addition to the standard 1.8m VSAT CPE. The pole is mounted in the ground includes digging the hole, (manually or by machine) providing the pole, supplying the cement, pouring it and setting the pole in place at time of installation of the VSAT Terminal CPE.		Per Unit	$1,980.00	N/A	N/A	No	Yes
Custom Mount Configuration with Installation	VCMN0000	This custom mount configuration would be designed to meet customer specifications outside the defined mounts. This item is only for VSAT installation to support this service.		Per Unit	ICB	N/A	N/A	No	Yes
Dual RG6 PVC Inter Facility Link (IFL) Cable	VPVC0006	Dual RG6 PVC IFL Cable. Standard VSAT CPE Options service includes cable and installation up to 250 feet. This price per foot includes labor, connectors, tie-wraps and cable at time of installation of the VSAT Terminal CPE. This item is only for VSAT installation to support this service.		Per Foot	$1.53	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Dual RG6 Plenum Inter Facility Link (IFL) Cable	VPLN0006	Dual RG6 Plenum IFL Cable. Standard VSAT CPE Options service includes cable and installation up to 250 feet. This price per foot includes labor, connectors, tie-wraps and cable at time of installation of the VSAT Terminal CPE.		Per Foot	$1.53	N/A	N/A	No	Yes
Dual RG11 PVC Inter Facility Link (IFL) Cable	VOVC0011	Dual RG11 PVC (IFL) Cable. Standard VSAT CPE Options service includes cable and installation up to 250 feet. This price per foot includes labor, connectors, tie-wraps and cable at time of installation of the VSAT Terminal CPE.		Per Foot	$1.70	N/A	N/A	No	Yes
Dual RG11 Plenum PVC Inter Facility Link (IFL) Cable	VPLN0011	Dual RG11 Plenum PVC IFL Cable. Standard VSAT CPE Options service includes cable and installation up to 250 feet. This price per foot includes labor, connectors, tie-wraps and cable at time of installation of the VSAT Terminal CPE.		Per Foot	$2.55	N/A	N/A	No	Yes
Custom Inter Facility Link (IFL) Cable	VCIF0000	This is for custom IFL cable for extended ranges from VSAT external to internal unit. Standard VSAT CPE Options service includes cable and installation up to 250 feet. This price per foot includes labor, connectors, tie-wraps and cable at time of installation of the VSAT Terminal CPE.		Per Foot	ICB	N/A	N/A	No	Yes
19" Rack Mount Kit for iDirect 3XXX / 5XXX Modem	VRMN0019	Rack Mount Kit with installation for iDirect 3100 / 5100 19" Rack-mount kit (2 Rack Units or 3 1/2 Inches) at time of installation of the VSAT Terminal CPE.		Per Unit	$186.40	N/A	N/A	No	Yes
Custom Spares Kit	VCSP0000	This would support a custom spares kit defined by the customer requires outside the defined spares kits.		Per Kit	ICB	N/A	N/A	No	Yes
Custom Installation/ Upgrade/ Modification/ Retrofit	VCIR0000	This will provide a custom VSAT capabilities as a upgrade or retrofit to an existing system. All pricing will be an Individual Case Bases (ICB). These could include but not limited to replacement of antenna, BUC, LNB, IFL cabling, deice, alternate antenna mount, indoor unit, mobile command center or other vehicle.		Per Occurrence	ICB	N/A	N/A	No	Yes
19" Rack Mount Kit for LinkStar Modem	VRLS0019	LinkStar RCST 19" Rack-mount kit (1 Rack Unit or 1.75 Inches) with installation at time of installation of the VSAT Terminal CPE.		Per Unit	$21.00	N/A	N/A	No	Yes
Snow Shield for 1.2m Antenna (Gore-Tex®)	SSGT0000	Walton Passive Gore-Tex® Snow Shield for the 1.2-meter round single reflector optics antenna consisting of reflector cover made from UV Stable PTFE Coated Gore-Tex® radome material with ports to add heater option at a later date. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE. Feed Horn Cover also recommended.		Per Unit	$469.20	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Snow Shield for 1.2m Antenna (Vinyl)	SSAV0000	Walton Passive Vinyl Snow Shield for the 1.2-meter antenna round single reflector optics antenna consisting of reflector cover made from Architect heavy duty vinyl material w/ports to add heater option at a later date. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE. Feed Horn Cover also recommended.		Per Unit	$188.70	N/A	N/A	No	Yes
Snow Shield for 1.8m Antenna (Gore-Tex®)	SNGT0000	Walton Passive Gore-Tex® Snow Shield for the 1.8-meter round single reflector optics antenna consisting of reflector cover made from UV Stable PTFE Coated Gore-Tex® radome material with ports to add heater option at a later date. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE. Feed Horn Cover also recommended.		Per Unit	$928.20	N/A	N/A	No	Yes
Snow Shield for 1.8m Antenna (Vinyl)	SNAV0000	Walton Passive Vinyl Snow Shield for the 1.8-meter antenna round single reflector optics antenna consisting of reflector cover made from Architect heavy duty vinyl material w/ports to add heater option at a later date. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE. Feed Horn Cover also recommended.		Per Unit	$280.50	N/A	N/A	No	Yes
Snow Shield for 2.4m Antenna (Gore-Tex®)	SHGT0000	Walton Passive Gore-Tex® Snow Shield for the 2.4-meter round single reflector optics antenna consisting of reflector cover made from UV Stable PTFE Coated Gore-Tex® radome material with ports to add heater option at a later date. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE. Feed Horn Cover also recommended.		Per Unit	$1,422.90	N/A	N/A	No	Yes
Snow Shield for 2.4m Antenna (Vinyl)	SHVN0000	Walton Passive Vinyl Snow Shield for the 2.4-meter antenna round single reflector optics antenna consisting of reflector cover made from Architect heavy duty vinyl material w/ports to add heater option at a later date. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE. Feed Horn Cover also recommended.		Per Unit	$510.00	N/A	N/A	No	Yes
Snow Shield Feed Horn Cover	SFHC0000	Walton Passive Gore-Tex® Feed Horn Cover made from UV Stable PTFE Coated Gore-Tex® radome material. Universal 1.2m – 2.4m. This includes installation of the Snow Shield at time of installation of the VSAT Terminal CPE.		Per Unit	$66.30	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Training for Quick / Auto Deploy and VSAT Terminal CPE System	TRQA00000	One day on-site customer operational training fee for Quick / Auto Deploy and VSAT Terminal CPE Systems at time of service installation. This training will include up to 3 participants.		Per Person	$808.00	N/A	N/A	No	Yes
Training for Quick / Auto Deploy and VSAT Terminal CPE Classroom Based Per Trainee	TRCL0000	One day classroom based operational training for Quick/Auto Deploy & VSAT Terminal CPE system. Training can be at either Verizon's VSAT Training Center in Plano, Texas or at Customer Premise. If at customer site (other than time of install) customer will incur travel expenses of Verizon Trainer.		Per Person	$1,200.00	N/A	N/A	No	Yes
VSAT Site Pre-Qualification	VSRV0000	Site survey fee conducted by Verizon field personnel. This includes, but not limited to, satellite line of site confirmation, outdoor antenna placement, mount type selection, Inter Facility Link (IFL) cable placement, cable run placement and installation of indoor unit.		Per Occurrence	$272.00	N/A	N/A	No	Yes
VSAT Field Service Rep Installation labor to complete other on-site work or Additional VSAT Field Visits	VFSR0000	This field service rep is certified on complete installation of VSAT systems. Installation labor fee to complete other On-Site work such as external customer provided router and/or other customer provided protocol translation equipment. This hourly rate also applies to additional installations for those occasions when a VSAT Field Service Rep is required after the standard VSAT Terminal CPE installation for the truck roll (drive time).		Per Hour	$129.00	N/A	N/A	No	Yes
VSAT Bandwidth Change	VBND0000	This is a Service Fee to upgrade or downgrade satellite link bandwidth (within antenna capability).		Per Occurrence	$44.20	N/A	N/A	No	Yes
VSAT Installation Expedite Fee	VIEX0000	Expedite fee for installation, if requested by customer, will be to improve the provisioning date originally committed to the customer for this Managed Project.		Per Occurrence	$340.00	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
VSAT Retermination or Re-Termination/Re-Installation									
Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
.98 Meter or 1.2 Meter VSAT Retermination consists of De-Install, Move, Re-Install within 50 miles of original location	VRTM0000	This includes the de-install, move and re-installation of .98 or 1.2m fixed antenna system both the outdoor and indoor satellite components within 50 miles of original location. The move includes shipping and handling of the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units.		Per Occurrence	$960.00	N/A	N/A	No	Yes
.98 Meter or 1.2 Meter VSAT De-installation Only	VRDM0000	This includes the de-installation of .98 or 1.2m fixed antenna system both the outdoor and indoor satellite components. The de-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible for shipping and/or storage of this equipment.		Per Occurrence	$304.00	N/A	N/A	No	Yes
.98 Meter or 1.2 Meter VSAT Re-installation Only	VSDN0000	This includes the re-installation of .98 or 1.2m fixed antenna system both the outdoor and indoor satellite components. The re-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible to provide equipment on-site prior to re-installation.		Per Occurrence	$656.00	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
.98 Meter or 1.2 Meter VSAT Retermination consists of De-Install, Move, Re-Install with deice with in 50 Miles of Original Location	VSRN0000	This includes the de-install, move and re-installation of .98 or 1.2m fixed antenna system with deice both the outdoor and indoor satellite components within 50 miles of original location. The move includes shipping and handling the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units.		Per Occurrence	$1,080.00	N/A	N/A	No	Yes
.98 Meter or 1.2 Meter VSAT Re-installation with Deice	VRDE0000	This includes the re-installation of .98 or 1.2m fixed antenna system with deice both the outdoor and indoor satellite components. The re-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible to provide equipment on-site prior to re-installation.		Per Occurrence	$776.00	N/A	N/A	No	Yes
1.8 Meter VSAT Retermination consists of De-Install, Move, Re-Install within 50 miles of original location	VRNS0000	This includes the de-install, move and re-installation of 1.8m fixed antenna system both the outdoor and indoor satellite components within 50 miles of original location. The move includes shipping and handling the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units.		Per Occurrence	$1,376.00	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
1.8 Meter VSAT De-installation	VDNS0000	This includes the de-installation of 1.8m fixed antenna system both the outdoor and indoor satellite components. The de-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible for shipping and/or storage of this equipment.		Per Occurrence	$480.00	N/A	N/A	No	Yes
1.8 Meter VSAT Re-installation	VRIN0000	This includes the re-installation of 1.8m fixed antenna system both the outdoor and indoor satellite components. The re-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible to provide equipment on-site prior to re-installation.		Per Occurrence	$1,016.00	N/A	N/A	No	Yes
1.8 Meter VSAT with deice: Retermination consists of De-Install, Move, Re-Install within 50 miles of original location	VRTD0000	This includes the de-install, move and re-installation of 1.8m fixed antenna system with deice both the outdoor and indoor satellite components within 50 miles of original location. The move includes shipping and handling the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units.		Per Occurrence	$1,496.00	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
1.8 Meter VSAT Re-installation with Deice	VRND0000	This includes the re-installation of 1.8m fixed antenna system with deice both the outdoor and indoor satellite components. The re-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible to provide equipment on-site prior to re-installation.		Per Occurrence	$1,136.00	N/A	N/A	No	Yes
2.4 Meter VSAT Retermination consists of De-Install, Move, Re-Install within 50 miles of original location	VSDR0000	This includes the de-install, move and re-installation of 2.4m fixed antenna system both the outdoor and indoor satellite components within 50 miles of original location. The move includes shipping and handling the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition the Inter Facility Link (IFL) cables that connects the outdoor and indoor units.		Per Occurrence	ICB	N/A	N/A	No	Yes
2.4 Meter VSAT De-installation	VSDI0000	This includes the de-installation of 2.4m fixed antenna system both the outdoor and indoor satellite components. The de-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible for shipping and/or storage of this equipment.		Per Occurrence	ICB	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
2.4 Meter VSAT Re-installation	VSRI0000	This includes the re-installation of 2.4m fixed antenna system both the outdoor and indoor satellite components. The re-installation includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible to provide equipment on-site prior to re-installation.		Per Occurrence	ICB	N/A	N/A	No	Yes
2.4 Meter VSAT Retermination consist of De-Install, Move, Re-Install with deice within 50 miles of original location	VSRT0000	This includes the de-install, move and re-installation of 2.4m fixed antenna system with deice both the outdoor and indoor satellite components within 50 miles of original location. The move includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units.		Per Occurrence	ICB	N/A	N/A	No	Yes
2.4 Meter VSAT Re-installation with Deice	VSRD0000	This includes the re-installation of 2.4m fixed antenna system with deice both the outdoor and indoor satellite components. The move includes both the outdoor and indoor satellite systems. This includes the following items relevant to the outdoor unit: antenna main reflector, antenna mount, and all RF "radio frequency" components: Block up Converter and Low noise block converter. The indoor unit consists of: satellite modem/router. In addition, the Inter Facility Link (IFL) cables that connects the outdoor and indoor units. Customer is responsible to provide equipment on-site prior to re-installation.		Per Occurrence	ICB	N/A	N/A	No	Yes
Moving VSAT Antenna on the Same Roof. (.98, 1.2, 1.8 and 2.4m)	VMAS0000	This charge is for moving .98, 1.2, 1.8 or 2.4m satellite outdoor antenna assembly from one location to another on the same roof. This would include moving of the standard non-penetrating antenna system, re-pointing of the antenna and moving existing cables (additional cable can be provided at additional cost). This excludes moving the customer provided AC outlet used for the electric deice.		Per Occurrence	$664.00	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
VSAT Install / Maintenance Canceling Fee 48 Hour Notice	VCNF0000	Cancelling fee for install or Maintenance of service. Remote site cancellation policy is 48 hours (2 Business Day) in advance of scheduled installation.		Per Occurrence	$204.00	N/A	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

VSAT Router/Modem (requires Bandwidth Line Rate Data Channel Option)

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Required CPE - VSAT Fixed Router/Modem									
Router Bundle 1 - Required with Service - iDirect 3100, iDirect 3100 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0001	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$204.34	N/A	No	Yes
Router Bundle 2 - Required with Service - iDirect 3125, iDirect 3125 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0002	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$204.34	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Router Bundle 3 - Required with Service - iDirect 5100, iDirect 5100 Spare, Proactive Mgmt Maintenance, and Installation	RBND0003	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$260.10	N/A	No	Yes
Router Bundle 4 - Required with Service - iDirect 5150, iDirect 5150 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0004	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$275.79	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Router Bundle 5 - Required with Service - iDirect 5300, iDirect 5300 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0005	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$359.43	N/A	No	Yes
Router Bundle 6 - Required with Service - iDirect 5350, iDirect 5350 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0006	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$371.62	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Router Bundle 7 - Required with Service - iDirect 7350, iDirect 7350 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0007	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$491.86	N/A	No	Yes
Router Bundle 8 - Required with Service - iDirect 8100, iDirect 8100 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0008	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$652.17	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Router Bundle 9 - Required with Service - iDirect 8350, iDirect 8350 Spare, Proactive Mgmt, Maintenance, and Installation	RBND0009	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$1,000.67	N/A	No	Yes
Router Bundle10 - Required with Service - ViaSat LinkStar RCST , ViaSat LinkStar RCST Spare, Proactive Mgmt, Maintenance, and Installation	RBND0010	This is the Router/Modem bundle assembly that works in conjunction with the VSAT Terminal CPE and Bandwidth Line Rate Data Channel. This bundle includes the iDirect Satellite Router, Router Spare, Proactive InBand Management to the iDirect Router, Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.		Per System	$233.75	$192.15	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Optional iDirect 1200 Hub Accelerator - iDirect 1200, iDirect 1200 Spare, Maintenance, and Installation	OIDR1200	This is an optional iDirect 1200 Hub device that would be deployed at VzB earth station and work in conjunction with the VSAT iDirect 1100 remote device below to provide WAN acceleration. The remote site requires the iDirect 1100 accelerator. This iDirect 1200 Hub Accelerator works with one or more iDirect 1100's at the remote sites. This accelerator prioritizes traffic based upon customer indentified application priority. This bundle includes the iDirect 1200 hub, installation and Proactive InBand Management to the iDirect Hub. Bandwidth and VSAT Terminal CPE is ordered separately. Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day.		Per System	$233.75	$741.50	N/A	No	Yes
Optional iDirect 1110 Remote Accelerator - iDirect 1110, iDirect 1110 Spare, Maintenance, and Installation	OIDR1110	This is an optional iDirect 1100 Remote Accelerator that would be deployed at the customer site and work in conjunction with the iDirect 1200 Hub Accelerator located at the VzB earth station. The iDirect 1100 requires the iDirect 1200 at the earth station. This accelerator prioritizes traffic based upon customer indentified application priority. This bundle includes the iDirect 1100 remote accelerator, installation and Proactive InBand Management to the remote accelerator. Installation of the Router and 24x7 Same Day Maintenance (must be within 150 miles of the nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only,		Per System	$233.75	$429.59	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
		excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and VSAT Terminal CPE is ordered separately.							
Required CPE - VSAT Portable Quick/Auto Deploy (requires Bandwidth Line Rate Data Channel Option)									
Bundle Quick Deploy - 1.2 Meter Antenna, 4 watt BUC, LNB, iDirect 5150, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STQD0001	This Quick Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is required for Quick Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$22,294.62	$120.60	N/A	No	Yes
Bundle Quick Deploy - 1.2 Meter Antenna, 8 watt BUC, LNB, iDirect 7350, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STQD0002	This Quick Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is required for Quick Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$34,917.80	$120.60	N/A	No	Yes
Bundle Quick Deploy - 1.8 Meter Antenna, 4 watt BUC, LNB, iDirect 5150, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STQD0003	This Quick Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is required for Quick Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$36,603.42	$120.60	N/A	No	Yes
Bundle Quick Deploy - 1.8 Meter Antenna, 8 watt BUC, LNB, iDirect 7350, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STQD0004	This Quick Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is required for Quick Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$49,226.61	$120.60	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Bundled Auto Deploy (Standard) - .98 Meter 1-Piece Antenna, 4 watt BUC, LNB, iDirect 5150, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STAD0001	This Auto Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is recommended for Auto Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$34,320.06	$120.60	N/A	No	Yes
Bundled Auto Deploy (Standard) - 1.2 Meter 1-Piece Antenna, 4 watt BUC, LNB, iDirect 5150, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STAD0002	This Auto Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is recommended for Auto Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$38,629.22	$120.60	N/A	No	Yes
Bundled Auto Deploy (Standard) - 1.2 Meter 1-Piece Antenna, 8 watt BUC, LNB, iDirect 7350, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	STAD0003	This Auto Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is recommended for Auto Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$51,250.23	$120.60	N/A	No	Yes
Bundled Auto Deploy (Rugged) - .96 Meter 1-Piece Antenna, 4 watt BUC, LNB, iDirect 5150, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	SADR0001	This Auto Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is recommended for Auto Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$48,812.54	$120.60	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Bundled Auto Deploy (Rugged) - 1.2 Meter 4-Piece Antenna, 4 watt BUC, LNB, iDirect 5150, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	SADR0002	This Auto Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is recommended for Auto Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$74,765.32	$120.60	N/A	No	Yes
Bundled Auto Deploy (Rugged) - 1.2 Meter 4-Piece Antenna, 8 watt BUC, LNB, iDirect 7350, Spare Kit w Case, Proactive Management, Next Business Day Maintenance 8am to 5pm	SADR0003	This Auto Deploy bundle includes the iDirect Router, Router Spare, Proactive InBand Management to the iDirect Router and Next Day Maintenance. Bandwidth is ordered separately. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Training is recommended for Auto Deploy with feature identifiers indentified above TRQA0000 or TRCL0000.		Per System	$87,389.59	$120.60	N/A	No	Yes
Auto Deploy Mobile Vehicle Integration	ADMV0001	Turn Key solution which includes design, installation and test of standard Auto Deploy system on customer provided vehicle. This line item requires feature identifiers of STAD0001 and STAD0002.		Per Occurrence	ICB	ICB	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Mobile Communications Command Center (MC3)	MCCC0000	Mobile Communication Command Center (MC3) to allow for emergency VSAT communications with the capability of providing Voice, Video and Data solutions. Pre-arranged ICB pricing must be established in advanced. A minimum of 4 weeks must be given for processing. These mobile vehicles have the following general features: 1.) range between 40-foot and 53-foot self-contained vehicles 2.) each vehicle is outfitted with up to 24 individual stations, each with a telephone jack, an Ethernet port, and an electrical outlet 3.) equipped with wired VoIP telephones, wireless IP telephones, and both wired and wireless Ethernet access for laptops 4.) MC3 vehicles offer ports with customer provided PCs attached as well as ports available for personal PC attachment 5.) Each Mobile Communications Command Center is equipped with 2 satellite televisions (1 LCD flat-screen and 1 CRT regular). Bandwidth Line Rate Data Channel is ordered separately. Services need to be ordered and reserved in advance with this MC3 option.		Per Occurrence	ICB	ICB	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Primary VSAT Bandwidth Line Rate Data Channel (requires VSAT CPE)

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Transmit/Receive									
32kb / 32kb	VSPB0001	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$42.69	N/A	No	Yes
32kb / 64kb	VSPB0002	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$52.28	N/A	No	Yes
32kb / 128kb	VSPB0004	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$71.44	N/A	No	Yes
32kb / 256kb	VSPB0007	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$108.91	N/A	No	Yes
32kb / 384kb	VSPB0010	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations		Per Month	N/A	$147.24	N/A	No	Yes
32kb / 512kb	VSPB0014	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$184.71	N/A	No	Yes
32kb / 768kb	VSPB0020	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations		Per Month	N/A	$260.50	N/A	No	Yes
32kb / 1024kb	VSPB0026	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$335.43	N/A	No	Yes
32kb / 1544kb	VSPB0035	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$489.64	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
32kb / 2048kb	VSPB0043	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$637.76	N/A	No	Yes
64kb / 64kb	VSPB0003	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$61.86	N/A	No	Yes
64kb / 128kb	VSPB0005	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$81.03	N/A	No	Yes
64kb / 256kb	VSPB0008	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$118.49	N/A	No	Yes
64kb / 384kb	VSPB0011	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$155.95	N/A	No	Yes
64kb / 512kb	VSPB0015	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$194.29	N/A	No	Yes
64kb / 768kb	VSPB0021	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$270.09	N/A	No	Yes
64kb / 1024kb	VSPB0027	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$345.02	N/A	No	Yes
64kb / 1544kb	VSPB0036	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$498.36	N/A	No	Yes
64kb / 2048kb	VSPB0044	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$647.34	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
128kb / 128kb	VSPB0006	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$99.32	N/A	No	Yes
128kb / 256kb	VSPB0009	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$137.66	N/A	No	Yes
128kb / 384kb	VSPB0012	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$175.12	N/A	No	Yes
128kb / 512kb	VSPB0016	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations		Per Month	N/A	$213.46	N/A	No	Yes
128kb / 768kb	VSPB0022	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$288.38	N/A	No	Yes
128kb / 1024kb	VSPB0028	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$364.18	N/A	No	Yes
128kb / 1544kb	VSPB0037	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$517.52	N/A	No	Yes
128kb / 2048kb	VSPB0045	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$666.51	N/A	No	Yes
256kb / 256kb	VSPB0013	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$175.12	N/A	No	Yes
256kb / 384kb	VSPB0017	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$213.46	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
256kb / 512kb	VSPB0018	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$250.92	N/A	No	Yes
256kb / 768kb	VSPB0024	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$326.72	N/A	No	Yes
256kb / 1024kb	VSPB0030	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$401.65	N/A	No	Yes
256kb / 1544kb	VSPB0039	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$555.86	N/A	No	Yes
256kb / 2048kb	VSPB0046	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$703.97	N/A	No	Yes
384kb / 384kb	VSPB0019	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$250.92	N/A	No	Yes
384kb / 512kb	VSPB0023	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$288.38	N/A	No	Yes
384kb / 768kb	VSPB0029	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$364.18	N/A	No	Yes
384kb / 1024kb	VSPB0032	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$439.98	N/A	No	Yes
384kb / 1544kb	VSPB0040	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$593.32	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
384kb / 2048kb	VSPB0048	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$742.31	N/A	No	Yes
512kb / 512kb	VSPB0025	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$326.72	N/A	No	Yes
512kb / 768kb	VSPB0031	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$401.65	N/A	No	Yes
512kb / 1024kb	VSPB0033	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$477.45	N/A	No	Yes
512kb / 1544kb	VSPB0042	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$630.79	N/A	No	Yes
512kb / 2048kb	VSPB0049	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$779.77	N/A	No	Yes
768kb / 768kb	VSPB0034	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations		Per Month	N/A	$477.45	N/A	No	Yes
768kb / 1024kb	VSPB0038	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations		Per Month	N/A	$553.24	N/A	No	Yes
768kb / 1544kb	VSPB0047	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$706.58	N/A	No	Yes
768kb / 2048kb	VSPB0051	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$855.57	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
1024kb / 1024kb	VSPB0041	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$629.04	N/A	No	Yes
1024kb / 1544kb	VSPB0050	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$782.38	N/A	No	Yes
1024kb / 2048kb	VSPB0052	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$930.50	N/A	No	Yes
1544kb / 1544kb	VSPB0053	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$935.72	N/A	No	Yes
1544kb / 2048kb	VSPB0054	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$1,084.71	N/A	No	Yes
2048kb / 2048kb	VSPB0055	This service includes VSAT systems transmit and receive bandwidth for 1 end point. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$1,232.82	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Backup VSAT Bandwidth Line Rate Data Channel

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Transmit/Receive									
32kb / 32kb	VSBB0001	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$31.85	N/A	No	Yes
32kb / 64kb	VSBB0002	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$33.32	N/A	No	Yes
32Kb / 128kb	VSBB0004	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$35.55	N/A	No	Yes
32kb / 256kb	VSBB0007	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$40.00	N/A	No	Yes
32kb / 384kb	VSBB0010	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$44.43	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
32kb / 512kb	VSBB0014	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$48.88	N/A	No	Yes
32kb / 768kb	VSBB0020	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$57.02	N/A	No	Yes
32kb / 1024kb	VSBB0026	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$65.91	N/A	No	Yes
32kb / 1544kb	VSBB0035	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$65.91	N/A	No	Yes
32kb / 2048kb	VSBB0043	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$101.45	N/A	No	Yes
64kb / 64kb	VSBB0003	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$34.07	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
64kb / 128kb	VSBB0005	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$36.29	N/A	No	Yes
64kb / 256kb	VSBB0008	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$40.73	N/A	No	Yes
64kb / 384kb	VSBB0011	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$45.17	N/A	No	Yes
64kb / 512kb	VSBB0015	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$49.62	N/A	No	Yes
64kb / 768kb	VSBB0021	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$58.51	N/A	No	Yes
64kb / 1024kb	VSBB0027	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$67.39	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
64kb / 1544kb	VSBB0036	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$67.39	N/A	No	Yes
64kb / 2048kb	VSBB0044	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$102.20	N/A	No	Yes
128kb / 128kb	VSBB0006	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$38.51	N/A	No	Yes
128kb / 256kb	VSBB0009	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$42.96	N/A	No	Yes
128kb / 384kb	VSBB0012	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$47.40	N/A	No	Yes
128kb / 512kb	VSBB0016	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$51.84	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
128kb / 768kb	VSBB0022	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$60.73	N/A	No	Yes
128kb / 1024kb	VSBB0028	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$69.62	N/A	No	Yes
128kb / 1544kb	VSBB0037	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$69.62	N/A	No	Yes
128kb / 2048kb	VSBB0045	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$104.42	N/A	No	Yes
256kb / 256kb	VSBB0013	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$47.40	N/A	No	Yes
256kb / 384kb	VSBB0017	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$51.84	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
256kb / 512kb	VSBB0018	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$56.28	N/A	No	Yes
256kb / 768kb	VSBB0024	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$65.17	N/A	No	Yes
256kb / 1024kb	VSBB0030	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$74.06	N/A	No	Yes
256kb / 1544kb	VSBB0039	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations		Per Month	N/A	$91.83	N/A	No	Yes
256kb / 2048kb	VSBB0046	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$108.87	N/A	No	Yes
384kb / 384kb	VSBB0019	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$56.28	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
384kb / 512kb	VSBB0023	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$60.73	N/A	No	Yes
384kb / 768kb	VSBB0029	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$69.62	N/A	No	Yes
384kb / 1024kb	VSBB0032	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$78.50	N/A	No	Yes
384kb / 1544kb	VSBB0040	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$96.28	N/A	No	Yes
384kb / 2048kb	VSBB0048	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$113.30	N/A	No	Yes
512kb / 512kb	VSBB0025	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$65.17	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
512kb / 768kb	VSBB0031	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$74.06	N/A	No	Yes
512kb / 1024kb	VSBB0033	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$82.94	N/A	No	Yes
512kb / 1544kb	VSBB0042	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$100.72	N/A	No	Yes
512kb / 2048kb	VSBB0049	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$117.75	N/A	No	Yes
768kb / 768kb	VSBB0034	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$82.94	N/A	No	Yes
768kb / 1024kb	VSBB0038	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$91.09	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
768kb / 1544kb	VSBB0047	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$109.60	N/A	No	Yes
768kb / 2048kb	VSBB0051	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$126.64	N/A	No	Yes
1024kb / 1024kb	VSBB0041	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$99.98	N/A	No	Yes
1024kb / 1544kb	VSBB0050	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$118.49	N/A	No	Yes
1024kb / 2048kb	VSBB0052	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$135.53	N/A	No	Yes
1544kb / 1544kb	VSBB0053	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$136.26	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
1544kb / 2048kb	VSBB0054	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$153.30	N/A	No	Yes
2048kb / 2048kb	VSBB0055	This service includes VSAT transmit and receive bandwidth for 1 end point for backup service only. Backup service is based on customer having a minimum of ten disaster recovery sites included in the network. Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$170.33	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Primary VSAT Bandwidth Expedite Forwarding (EF) Line Rate Data Channel

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Transmit/Receive									
32kb / 32kb	VSEF0001	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$736.12	N/A	No	Yes
64kb / 64kb	VSEF0002	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$1,450.03	N/A	No	Yes
96kb / 96kb	VSEF0003	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$2,163.93	N/A	No	Yes
128kb / 128kb	VSEF0004	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$2,877.83	N/A	No	Yes
160kb / 160kb	VSEF0005	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$3,590.99	N/A	No	Yes
192kb / 192kb	VSEF0006	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$4,304.89	N/A	No	Yes
224kb / 224kb	VSEF0007	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$5,018.79	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
256kb / 256kb	VSEF0008	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$5,731.95	N/A	No	Yes
288kb / 288kb	VSEF0009	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$6,445.86	N/A	No	Yes
320kb / 320kb	VSEF0010	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$7,159.76	N/A	No	Yes
352kb / 352kb	VSEF0011	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$7,873.66	N/A	No	Yes
384kb / 384kb	VSEF0012	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$8,586.82	N/A	No	Yes
512kb / 512kb	VSEF0013	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$11,441.70	N/A	No	Yes
768kb / 768kb	VSEF0014	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$17,151.43	N/A	No	Yes
1024kb / 1024kb	VSEF0015	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$22,860.42	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
1544kb / 1544kb	VSEF0016	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$34,279.90	N/A	No	Yes
2048kb / 2048kb	VSEF0017	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth.		Per Month	N/A	$45,698.63	N/A	No	Yes

Backup VSAT Bandwidth Expedite Forwarding (EF) Line Rate Data Channel

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Transmit/Receive									
32kb / 32kb	WDRB0001	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$117.75	N/A	No	Yes
64kb / 64kb	WDRB0002	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$205.88	N/A	No	Yes
96kb / 96kb	WDRB0003	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$294.00	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
128kb / 128kb	WDRB0004	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$382.13	N/A	No	Yes
160kb / 1160kb	WDRB0005	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$470.26	N/A	No	Yes
192kb / 192kb	WDRB0006	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$557.64	N/A	No	Yes
224kb / 224kb	WDRB0007	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$645.77	N/A	No	Yes
256kb / 256kb	WDRB0008	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$733.90	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
288kb / 288kb	WDRB0009	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$822.03	N/A	No	Yes
320kb / 320kb	WDRB0010	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$910.15	N/A	No	Yes
352kb / 352kb	WDRB0011	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$998.28	N/A	No	Yes
384kb / 384kb	WDRB0012	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$1,086.41	N/A	No	Yes
512kb / 512kb	WDRB0013	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$1,438.18	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
768kb / 768kb	WDRB0014	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$2,142.44	N/A	No	Yes
1024kb / 1024kb	WDRB0015	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$2,846.72	N/A	No	Yes
1544kb / 1544kb	WDRB0016	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$4,254.53	N/A	No	Yes
2048kb / 2048kb	WDRB0017	This service includes VSAT transmit and receive Expedite Forwarding (EF) bandwidth for 1 end point for backup service only. This service provides QoS to allow for priority queuing across the VSAT link only. This is incremental service to the VSAT Primary or Backup bandwidth. Backup service is based on customer having a minimum of ten VSAT Terminal CPE disaster recovery sites included in the network.		Per Month	N/A	$5,663.08	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
VSAT Bandwidth Data Channel Additional Network Bandwidth In/Out Service									
Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Transmit/Receive									
512kb Outroute Bandwidth	WDOB0512	This service includes VSAT Bandwidth on the network that is dedicated to the requesting agency (remotes are still required to signup for a minimum 32k x 32k B/W on a per site bases). Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$5,731.95	N/A	No	Yes
1024kb Outroute Bandwidth	WDOB1024	This service includes VSAT Bandwidth on the network that is dedicated to the requesting agency (remotes are still required to signup for a minimum 32k x 32k B/W on a per site bases). Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$11,441.70	N/A	No	Yes
2048kb Outroute Bandwidth	WDOB2048	This service includes VSAT Bandwidth on the network that is dedicated to the requesting agency (remotes are still required to signup for a minimum 32k x 32k B/W on a per site bases). Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$22,860.42	N/A	No	Yes
512kb Inroute Bandwidth	WDIB0512	This service includes VSAT Bandwidth on the network that is dedicated to the requesting agency (remotes are still required to signup for a minimum 32k x 32k B/W on a per site bases). Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$5,731.95	N/A	No	Yes
1024kb Inroute Bandwidth	WDIB01024	This service includes VSAT Bandwidth on the network that is dedicated to the requesting agency (remotes are still required to signup for a minimum 32k x 32k B/W on a per site bases). Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$11,441.70	N/A	No	Yes
2048kb Inroute Bandwidth	WDIB2048	This service includes VSAT Bandwidth on the network that is dedicated to the requesting agency (remotes are still required to signup for a minimum 32k x 32k B/W on a per site bases). Reactive network management includes notification of outage, trouble ticket generation and escalations.		Per Month	N/A	$22,860.42	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

VSAT High Speed System Service

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
VSAT System 3.072 Meg Service Full Turn Key Service	VFTK3072	This is a Custom assembly of equipment requirements to include all elements required for a VSAT system. This would include but not limited to Satellite Router, Router Spare, Proactive InBand Management, Antenna, Block Up Converter (BUC), Spare BUC, Low Noise Block Converter (LNB), Spare LNB, System installation, 250 Feet Dual Inter Facility Link (IFL) Cable, 24x7 Same Day Maintenance (must be within 150 miles of nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and Site Survey.		Per System	ICB	ICB	N/A	No	Yes
VSAT System 4.096 Meg Service Full Turn Key Service	VFTK4096	This is a Custom assembly of equipment requirements to include all elements required for a VSAT system. This would include but not limited to Satellite Router, Router Spare, Proactive InBand Management, Antenna, Block Up Converter (BUC), Spare BUC, Low Noise Block Converter (LNB), Spare LNB, System installation, 250 Feet Dual Inter Facility Link (IFL) Cable, 24x7 Same Day Maintenance (must be within 150 miles of nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and Site Survey.		Per System	ICB	ICB	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
VSAT System 6.144 Meg Service Full Turn Key Service	VFTK6144	This is a Custom assembly of equipment requirements to include all elements required for a VSAT system. This would include but not limited to Satellite Router, Router Spare, Proactive InBand Management, Antenna, Block Up Converter (BUC), Spare BUC, Low Noise Block Converter (LNB), Spare LNB, System installation, 250 Feet Dual Inter Facility Link (IFL) Cable, 24x7 Same Day Maintenance (must be within 150 miles of nearest service city otherwise next day maintenance will apply). Customer will be notified of the maintenance plan (same day or next day) prior to order submission. Service areas include West Sacramento, Redding, Stockton, Concord, Oakland, Dublin, Hayward, San Jose, San Francisco, Santa Rosa, Salinas, Los Angeles, Sherman Oaks, Dominguez Hills, Irvine, San Diego, Bloomington, (Rialto), Fresno, Bakersfield. Next Day Maintenance Hours are Monday thru Friday, 8:00AM to 5:00PM local time only, excluding holidays. Trouble ticket must be in by 1:00PM prior day. Bandwidth and Site Survey.		Per System	ICB	ICB	N/A	No	Yes

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service

Notes:

Applicable Service Level Agreements:
  VSAT Service Availability Percentage
  VSAT Service Network Packet Delivery / Transit Delay
  Catastrophic Outage 1
  Catastrophic Outage 3
  Round Trip Transmission Delay
  Excessive Outage
  Notification
  Provisioning
  Response Duration from Receipt of Order
  Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4
for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

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6.4.4.1 Wireline Data Channel Basic Line Rate Service

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: Wireline Data Channel Basic Line Rate

Description of the Service: Wireline data channel solution at an average throughput of 100Kbps, consisting of a 128k Verizon Private IP (PIP) Port and DS1 (1.544Mb) Private Line access circuit to customer premise.

Availability: Nationwide. International locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireline Data Channel Basic Line Rate	WDBL0000	Wireline data channel solution at an average throughput of 100Kbps.		Per Channel	$0.00	$0.00	$0.00	Yes	Yes
Wireline Port	WDWP0000	128Kbps Private IP (PIP) Port		Per Port	$170.00	$217.81	$0.00	Yes	Yes
Wireline Connection	WDWC0000	Wireline Connection delivered on DS1 (1.544Mb) Private Line facility to customer premise.		Per Connection	$170.00	$153.75	$0.00	Yes	Yes
Order Expedite	WDEO0000	Best effort order entry expedite is available for this service.		Per Occurrence	$1,105.00	$0.00	$0.00	Yes	Yes

Notes:

Applicable Service Level Agreements:
  Service Availability Percentage
  Catastrophic Outage 1
  Catastrophic Outage 3
  Round Trip Transmission Delay
  Excessive Outage

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Notification									
Provisioning									
Response Duration from Receipt of Order									
Administrative Service Level Agreements									

Taxes and Surcharges:

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.4.2 Wireline Data Channel Enhanced Line Rate Service

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET2 purchased or leased equipment will be used solely in support of CALNET2 services.

Service Identifier: Wireline Data Channel Enhanced Line Rate

Description of the Service: Wireline data channel solution at an average throughput of 200Kbps, consisting of a 256k Verizon Private IP (PIP) Port and DS1 (1.544Mb) Private Line access circuit to customer premise.

Availability: Nationwide. International locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Wireline Data Channel Enhanced Line Rate	WDEL0000	Wireline data channel solution at an average throughput of 200Kbps.		Per Channel	$170.00	$0.00	$0.00	Yes	Yes
Wireline Port	WDWP0000	256Kbps Private IP (PIP) Port		Per Port	$0.00	$261.38	$0.00	Yes	Yes
Wireline Connection	WDWC0000	Wireline Connection delivered on DS1 (1.544Mb) Private Line facility to customer premise.		Per Connection	$170.00	$153.75	$0.00	Yes	Yes
Order Expedite	WDEO0000	Best effort order entry expedite is available for this service.		Per Occurrence	$1,105.00	$0.00	$0.00	Yes	Yes

Notes:

Applicable Service Level Agreements:
   Service Availability Percentage
   Catastrophic Outage 1
   Catastrophic Outage 3
   Round Trip Transmission Delay

Excessive Outage
Notification
Provisioning
Response Duration from Receipt of Order
Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.
- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

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6.4.4.3.A Additional Wireline Line Rate Data Channel Service 200k - 700k

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: Additional Wireline Data Channel Line Rate (200k-700k)

Description of the Service: Wireline data channel solution at an average throughput between 200-700Kbps, consisting of a 768k Verizon Private IP (PIP) Port and DS1 (1.544Mb) Private Line access circuit to customer premise.

Availability: Nationwide. International locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Additional Wireline Data Channel Line Rate (200k-700k)	WDAL0700	Wireline data channel solution at an average throughput between 200-700Kbps.		Per Channel	$0.00	$0.00	$0.00	Yes	Yes
Wireline Port	WDWP0768	768Kbps Private IP (PIP) Port		Per Port	$170.00	$326.72	$0.00	Yes	Yes
Wireline Connection	WDWC0000	Wireline Connection delivered on DS1 (1.544Mb) Private Line facility to customer premise.		Per Connection	$170.00	$153.75	$0.00	Yes	Yes
Order Expedite	WDEO0001	Best effort order entry expedite is available for this service.		Per Occurrence	$1,105.00	$0.00	$0.00	Yes	Yes

Notes:

Applicable Service Level Agreements:
Service Availability Percentage
Catastrophic Outage 1
Catastrophic Outage 3

6.4.4.3.A Additional Wireline Line Rate Data Channel Service 200k - 700k

Effective January 30, 2007
Updated August 29, 2013

Round Trip Transmission Delay
Excessive Outage
Notification
Provisioning
Response Duration from Receipt of Order
Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

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6.4.4.3.B Additional Wireline Line Rate Data Channel Service Over 700k

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

CALNET 2 purchased or leased equipment will be used solely in support of CALNET 2 services.

Service Identifier: Additional Wireline Data Channel Line Rate (700k+)

Description of the Service: Wireline data channel solution at an average throughput greater than 700Kbps, consisting of a 1,544k Verizon Private IP (PIP) Port and DS1 (1.544Mb) Private Line access circuit to customer premise.

Availability: Nationwide. International locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Additional Wireline Data Channel Line Rate (700k+)	WDAL0701	Wireline data channel solution at an average throughput of greater than 700Kbps.		Per Channel	$0.00	$0.00	$0.00	Yes	Yes
Wireline Port	WDWP1544	1544Kbps Private IP (PIP) Port		Per Port	$170.00	$348.50	$0.00	Yes	Yes
Wireline Connection	WDWC0000	Wireline Connection delivered on DS1 (1.544Mb) Private Line facility to customer premise.		Per Connection	$170.00	$153.75	$0.00	Yes	Yes
Order Expedite	WDEO0001	Best effort order entry expedite is available for this service.		Per Occurrence	$1,105.00	$0.00	$0.00	Yes	Yes

Notes:

Applicable Service Level Agreements:
Service Availability Percentage
Catastrophic Outage 1

6.4.4.3.B Additional Wirelilne Line Rate Data Channel Service Over 700K

Effective January 30, 2007
Updated August 29, 2013

Catastrophic Outage 3
Round Trip Transmission Delay
Excessive Outage
Notification
Provisioning
Response Duration from Receipt of Order
Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.
- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.4.3.B Additional Wirelilne Line Rate Data Channel Service Over 700K

Effective January 30, 2007
Updated August 29, 2013

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6.4.6.1.1 Low Voltage Simple Wiring Services, Services Entrance, and Extended Termination

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

Service Identifier: Low Voltage Simple Wiring Services, Services Entrance, and Extended Termination

Description of the Service: Low Voltage Simple Wiring Services, Services Entrance, and Extended Termination, to include copper and optical fiber link.

Availability: Statewide. Domestic locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Extended Termination - Copper	ETCO0000	Station cabling up to 300 feet, including the necessary Cat5e 4-pair CMP UTP cable, two (2) 3 meter jumpers, one (1) 24 port patch panel (if required), and two (2) RJ45 jacks or equivalent.	To provide this service, Verizon assumes customer to have a pathway. Additional charges will apply if larger panels or longer cable lengths are required.	Each	$397.96	$0.00	-	No	No
Extended Termination – Optical Fiber Link	ETOF0000	Includes up to 1,000 feet of 62.5/125 or 50/125 micron two strand CMP fiber drop cable with adapters, connectors and two SC-SC duplex patch cords for each single circuit extension.	To provide this service, Verizon assumes customer to have a pathway. Additional charges will apply for two strand single mode extensions in longer lengths.	Each	$1,377.55	$0.00	-	No	No

Notes:

Applicable Service Level Agreements:
  Provisioning

Response Duration from Receipt of Order
Administrative Service Level Agreements

Taxes and Surcharges

The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.

- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.6.1.1 Low Voltage Simple Wiring Services, Services Entrance, and Extended Termination

Effective January 30, 2007
Updated August 29, 2013

6.4.6.1.2 Station Wiring

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

Service Identifier: Station Wiring

Description of the Service: Station cabling services, to include horizontal copper Cat5e, horizontal copper Cat6, and horizontal optical fiber IEEE 802.3Z.

Availability: Statewide. Domestic locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Station Cabling - Horizontal Copper Cat 5e	WSCC0005	Station cabling up to 300 feet, including the necessary Cat5e 4-pair CMP UTP cable, two (2) 3 meter jumpers, one (1) 24 port patch panel (if required), and two (2) RJ45 jacks or equivalent.	To provide this service, Verizon assumes customer to have a pathway. Additional charges will apply if larger panels or longer cable lengths are required.	Each	$397.96	$0.00	-	No	No
Station Cabling - Horizontal Copper Cat 6	WSSC0006	The copper demarc extension is up to 300 feet Station cable wiring will include the necessary Cat 6 4-pair CMP UTP cable, two (2) 3 meter jumpers, one (1) 24 port patch panel (if required), and two (2) RJ45 jacks or equivalent.	To provide this service, Verizon assumes customer to have a pathway. Additional charges will apply if larger panels or longer cable lengths are required.	Each	$485.71	$0.00	-	No	No
Station Cabling - Horizontal Optical Fiber IEEE 802.3Z	WCOF0000	Includes up to 1,000 feet of 62.5/125 or 50/125 micron two strand CMP fiber drop cable with adapters, connectors and two SC-SC duplex patch cords for each single circuit extension.	To provide this service, Verizon assumes customer to have a pathway. Additional charges will apply for two strand single mode extensions in longer lengths.	Each	$1,377.55	$0.00	-	No	No

Notes:

Applicable Service Level Agreements:
  Provisioning
  Response Duration from Receipt of Order
  Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.
- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee

6.4.6.1.3 Inside Wiring Services

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

Service Identifier: Inside Wiring Services

Description of the Service: Installation, Technician, and Design Engineering resources are available to provide implementation of copper and optical fiber link station cabling.

Availability: Statewide. Domestic locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Station Cabling – Installer, Inside Wiring	WCIW0000	Station cabling - Installer, inside wiring resource	Resources are available for Inside Wiring Services Monday through Friday, 8am – 5pm. Overtime applies for hours worked outside of this period.	Hour	$86.73	-	-	No	No
Station Cabling – Technician, Inside Wiring	WCTW0000	Station cabling - Technician, inside wiring resource	Resources are available for Inside Wiring Services Monday through Friday, 8am – 5pm. Overtime applies for hours worked outside of this period.	Hour	$86.73	-	-	No	No
Station Cabling – Technician, Optical Fiber, Inside Wiring	WCTF0000	Station cabling - Technician, Optical fiber inside wiring resource	Resources are available for Inside Wiring Services Monday through Friday, 8am – 5pm. Overtime applies for hours worked outside of this period.	Hour	$86.73	-	-	No	No

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Design Engineer	WDEE0000	Design Engineering resource	Resources are available for Inside Wiring Services Monday through Friday, 8am – 5pm. Overtime applies for hours worked outside of this period.	Hour	$91.84	-	-	No	No

Notes:

Applicable Service Level Agreements:
  Provisioning
  Response Duration from Receipt of Order
  Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.
- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund
- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
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6.4.6.2 Services Related Hourly Support

The designation of delegation, mandatory and non-mandatory CALNET 2 services is identified in the Contractor's products and services matrix for each Master Services Agreement.

The determination of delegated, mandatory and non-mandatory CALNET 2 services is at the sole discretion of the California Technology Agency-Office of Technology Services.

Service Identifier: Services Related Hourly Support

Description of the Service: Field Technician to perform services related work on an hourly basis.

Availability: Statewide. Domestic locations are available on an ICB basis.

Unless noted separately in Pricing, services include the following elements: planning, applicable design, engineering, testing, and applicable service level agreements.

Feature Name	Feature Identifier	Feature Description	Feature Limits or Compatibility Restrictions	Unit of Measure	Unit Non - Recurring	Unit Recurring	Change Charges	Delegation Required	Mandatory Service
Field Technician	WTCH0000	Field Technician to perform services related work on an hourly basis	Field Technician resources are available Monday through Friday, 8am – 5pm. Overtime applies for hours worked outside of this period.	Hour	$86.73	N/A	N/A	No	Yes

Notes:

Applicable Service Level Agreements:
   Provisioning
   Response Duration from Receipt of Order
   Administrative Service Level Agreements

Taxes and Surcharges:
The following taxes and/or surcharges may apply. See CALNET II Exhibit 5A - Tax Determination Matrix, Module 4 for specific detail.
- California Universal Lifeline Telephone Service Surcharge
- California Relay and Communications Devices Fund
- California High Cost Fund - A
- California High Cost Fund - B
- California Teleconnect Fund

- California E911 Surcharge
- Federal Excise Tax
- California State and Local Sales Tax
- California State and Local Surcharges
- California Advanced Service Fund
- Carrier Cost Recovery Charge
- CPUC Fee
- Federal Universal Service Fee
- Regulatory Charge
- Administrative Expense Fee