Administrative Council for Terminal Attachments

c/o ATIS
1200 G Street, NW Suite 500
Washington, D.C. 20005

TELEPHONE TERMINAL EQUIPMENT (TTE) SUBMISSION FORM Ver. 1.08

*Please refer to the *Guidelines & Procedures for submittal of information to ACTA for inclusion in the database of approved Telephone Terminal Equipment ("TTE")* for a detailed item description of each field.

NOTE: For SDoC filings only.
Information of external company filing for Responsible Party, if applicable.

1a. Name of Organization Granting Approval

Company Name: Mitel Networks Corp.				Company Name:			
Address: 350 Legget Drive				Address			
City: Ottawa	State: ON	Zip: K2K 2W7	Country: CAN	City:	State:	Zip:	Country:
Submitter's Name: Paul Scott				Submitter's Name:			
Phone Number: 613-691-3772				Phone Number:			
Email Address: paul.scott@mitel.com				Email Address:			
1b. TCB Identification Number (if applicable)				**1c. Declaration of Conformity Included?** (yes/no) Yes			

2. Terminal Approval Date

3. Product Identifier

November 27, 2018 (SDoC Date)	AQUA5

4. Responsible Party

5. U.S. Product Information Contact

Company Name: Mitel Networks Corp.				Company Name: Mitel Networks Corp.		
Address: 350 Legget Dr				Individual or Department: Michelle Whittington		
City: Kanata	State: ON	Zip: K2K 2W7	Country: CAN	Address: 1145 North Alma school road		
Responsible Party Point of Contact: Paul Scott				City: Mesa	State: AZ	Zip: 85201
Phone Number: 613 691-3772				Phone: +1 480 961 8032		
Email Address: paul.scott@mitel.com				URL:Mitel.com		

6. Equipment Description	6a. Country Of Origin
6910 IP Phone with corded handset	China

7. Responsible Party Code (RPC)	8. Manufacturer's Code (if available)
BN2	

9. Current Authorization Number (only if Modification, Notice, Re-certification, and/or Re-declaration filing)	10. Equipment Code
N/A	IP

11a. List of Brand or Trade Name(s) Including New and Existing Names
Mitel
11b. List of New and Existing Model Number(s) for Each Brand or Trade Name
6910

12. Network address signaling code

N/A

13a. AC Ringer Equivalence Number (REN)	13b. Hearing Aid Compatibility (YES/NO/NA)
NAN	Yes
13c. USOC Jack(s)	**13d. Repetitive Dialing to a Single Number**
N/A	(YES/NO) No

14. Filing Status

Original

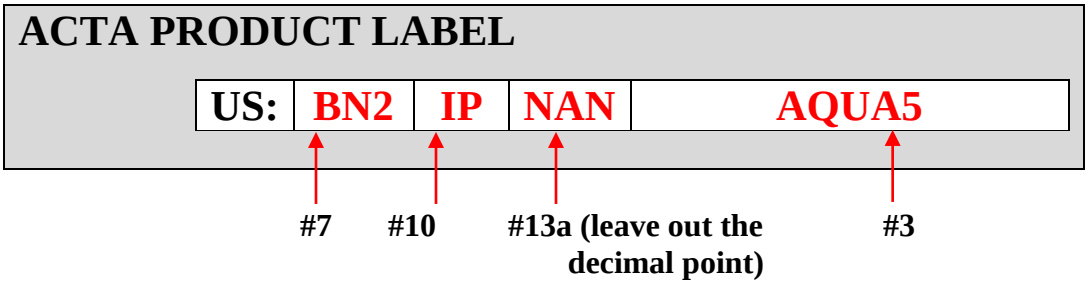
15. Facility Interface Code(s)	16. Manufacturer Port ID

17. Service Order Code(s) (SOC)	18. Answer Supervision Code(s)

19. Ancillary Equipment

	Certification Status	Trade Name	Model Number	List of Ancillary Equipment by Type	Manufacturer's Identifier
1.					
2.					
3.					
4.					

If you are submitting an original filing or re-certification please fill out the following information. This will give you your ACTA Product-Labeling Number.



#7. Responsible Party Code (RPC)
#10. Equipment Code
#13a. AC Ringer Equivalence Number (REN)
#3. Product Identifier

Administrative Council for Terminal Attachments

c/o ATIS
1200 G Street, NW
Suite 500
Washington, D.C. 20005

TELEPHONE TERMINAL EQUIPMENT (TTE) SUBMISSION FORM Ver. 1.08

SAMPLE SDoC SUBMISSION

*Please refer to the Guidelines & Procedures for submittal of information to ACTA for inclusion in the database of approved Telephone Terminal Equipment ("TTE") for a detailed item description of each field.

1a. Name of Organization Granting Approval NOTE: For SDoC filings only. **Information of external company filing for Responsible Party, if applicable**

Company Name: Telephone Technology Solutions				Company Name:			
Address: 123 North Jameson Street				Address:			
City: Manassas	State: VA	Zip: 20110	Country: United States	City:	State:	Zip:	Country:
Submitter's Name: John Doe				Responsible Party Point of Contact:			
Phone Number: 703-999-9999				Phone Number:			
Email Address: jdoe@telephoneTS.com				Email Address:			
1b. TCB Identification Number (if applicable)				**1c. Declaration of Conformity Included?** (yes/no) YES			

2. Terminal Approval Date	**3. Product Identifier**
9/23/2001	TTS001

4. Responsible Party

Company Name: Telephone Technology Solutions		
Address: 123 North Jameson Street		
City: Manassas	State: VA	Zip: 20110
Responsible Party Point of Contact: John Doe		
Phone Number: 703-999-9999		
Email Address: jdoe@telephoneTS.com		

5. U.S. Product Information Contact

Company Name: Telephone Technology Solutions		
Individual or Department Product Information Department		
Address: 123 North Jameson Street		
City: Manassas	State: VA	Zip: 20110
Phone: 1-800-777-7777		
URL: www.telephonetechsolutions.com		

6. Equipment Description	6a. Country Of Origin
2.4 GHz two line cordless phone with voice recognition	

7. Responsible Party Code (RPC)	8. Manufacturer's Code (if available)
TTS	

9. Current Authorization Number (only if Modification, Notice, Re-certification, and/or re-declaration filing)	10. Equipment Code
	W9

11a. List of Brand or Trade Name(s) Including New and Existing Names
TelTech
11b. List of New and Existing Model Number(s) for Each Brand or Trade Name
TelTech 2001X

12. Network address signaling code

E

13a. AC Ringer Equivalence Number (REN)	13b. Hearing Aid Compatibility (YES/NO/NA)
0.2B	YES
13c. USOC Jack(s)	**13d. Repetitive Dialing to a Single Number** (YES/NO)
RJ11C	NO

14. Filing Status

ORIGINAL

15. Facility Interface Code(s)	16. Manufacturer Port ID
02LS2	2001X

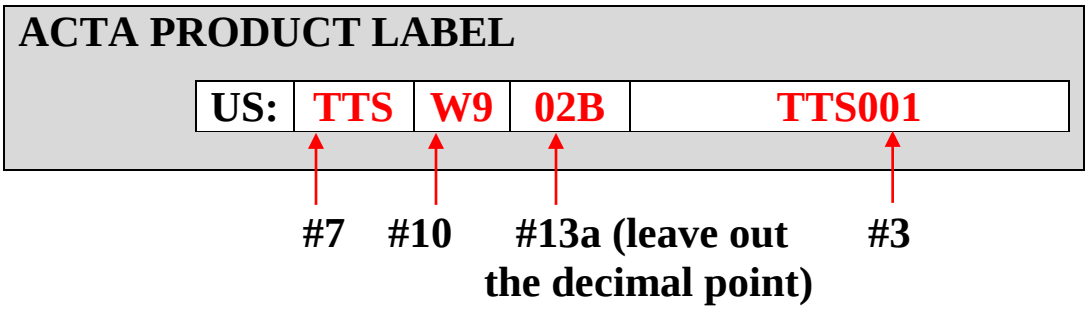
17. Service Order Code(s) (SOC)	18. Answer Supervision Code(s)
N/A	N/A

SAMPLE - SDoC - SUBMISSION

19. Ancillary Equipment

	Certification Status	Trade Name	Model Number	List of Ancillary Equipment by Type	Manufacturer's Identifier
1.	N/A				
2.					
3.					
4.					

If you are submitting an original filing or re-certification please fill out the following information. This will give you your ACTA Product-Labeling Number.



#7. Responsible Party Code (RPC)
#10. Equipment Code
#13a AC Ringer Equivalence Number (REN)
#3. Product Identifier

SAMPLE - SDoC - SUBMISSION

Telephone Terminal Equipment Submission Form Description of Items

Item 1a: Name of Organization Granting Approval or Submitting Request for RPC

List the complete Company Name, Address, City, State and Zip Code or the organization (attesting to the terminal equipment's conformity to Part 68 rules and ACTA-adopted technical criteria). Then list the Submitter's Name (this should be an employee of the same company), Submitter's phone number and Submitter's e-mail address. If the submission is from an SDoC, the information should be similar to **Item 4.**

1a. Name of Organization Granting Approval or Submitting Request for RPC

Company Name: Telephone Technology Solutions		
Address: 123 North Jameson Street		
City: Manassas	State: VA	Zip: 20110
Submitter's Name: John Doe		
Phone Number: 703-999-9999		
Email Address: jdoe@telephoneTS.com		

Item 1b: Telecommunications Certification Body ("TCB") Identification Number

List the TCB identifier for terminal equipment information submitted by a registered TCB. Not Applicable for SDoC Filings.

Item 1c: Supplier's Declaration of Conformity ("SDoC")

Provide a copy of the SDoC for terminal equipment submitted under a SDoC. Select yes if you have included the Declaration of Conformity. For an SDoC, this is required for processing. Ex. YES. SDoC refernce number may be included.

Item 2: Terminal Equipment Approval Date

Provide the date the terminal equipment was approved (date of TCB Certificate or SDoC Statement), in MM/DD/YYYY format. Ex. 9/23/2001

Item 3: Product Identifier

Provide the Responsible Party's unique terminal identifier. Refer to *TIA Standard – TIA- 168-B, Telecommunications – Telephone Terminal Equipment –Labeling Requirements.* Example: **US: AAAEQ##TXXX,** where **XXX** is the product identifier. The Responsible Party shall define this identifier.
Ex. TTS001

Note: the FCC historically assigned a 5-digit product identifier number. Example: **AAABBB-NNNNN-XX-Y**, where NNNNN is the assigned number. Parties submitting data for products that will retain an existing FCC Registration number (Modification, or Notice of Change) should enter the FCC assigned 5 digit number. Do not enter in the entire label, just the product identifier.

Item 4: Responsible Party

List the complete name and address of the responsible party; including the contact information of the submitter; *i.e.*, email and phone number. The Responsible Party is the individual or company that accepts responsibility for the product

and its compliance to Part 68 rules and ACTA-adopted technical criteria. Pursuant to the "Order on Reconsideration in CC Docket No. 99-216 and Order Terminating Proceeding in CC Docket No. 98-163", FCC 02-103, Released April 10, 2002, the Responsible Party for a SDoC is not required to be located in the United States but, must designate an agent for service of process that is physically located in the US. See Item #5. For parties utilizing the SDoC method, this may be the same information contained in Item 1a.

4. Responsible Party

Company Name: Telephone Technology Solutions		
Address: 123 North Jameson Street		
City: Manassas	State: VA	Zip: 20110
Responsible Party Point of Contact: John Doe		
Phone Number: 703-999-9999		
Email Address: jdoe@telephoneTS.com		

Item 5: US Product Information Contact

The US Product Information Contact is defined as "A point of contact accessible within the USA for additional product information." Original Filings will not be processed without a US Product Information Contact. Responsible Parties must identify a contact (or department designation), business address, phone number and, if available, TTY (teletypewriter) number, facsimile number, and Internet E-mail address. This field was previously used for "Agent for Service" contact information. The FCC no longer requires ACTA to collect "Agent for Service" information. [See 47 C.F.R. §68.418(b)]

5. U.S. Product Information Contact

Name: Telephone Technology Solutions		
Individual or Department: Product Information Department		
Address: 123 North Jameson Street		
City: Manassas	State: VA	Zip: 20110
Phone: 1-800-777-7777		
URL: www.telephonetechsolutions.com		

Item 6: Equipment Description

For new filings (*i.e.*, "original" filings) provide a brief description (in 10 words or less) of the terminal equipment. Example: 'Two-line telephone with built-in answering machine." For modification filings, provide a brief description of the technical change. EX. 2.4 GHz two line cordless phone with voice recognition

Item 6a: Country of Origin

This is only required for modifications and notices of change. The country of origin can be found in the FCC labeling format. It is the second set of three letters. Examples are USA for the United States,CAN for Canada, HKG for Hong Kong, TAI for Taiwan, CHN for China, etc.

Item 7: Responsible Party Code ("RPC")

List applicant's assigned ACTA RPC or FCC Grantee Code. If you do not have one you will need to submit a Request for an RPC. EX. TTS

Item 8: Manufacturer Code

List manufacturer's previously assigned FCC ID code(s), if any; otherwise leave blank.

Item 9: Current Authorization Number

Provide current FCC certification, registration or declaration number(s), if applicable. This is required for modification, notice of change and re-certification applications where a filing resulted in a grant of registration or certification. **If the submission is an "Original Filing" or "Notice of Change" leave blank.**

Item 10: Equipment Code

Refer to *TIA/EIA TSB-168-B, Telecommunications –Telephone Terminal Equipment –Labeling Requirements* for a complete list of codes. Only one code may be specified. Select the code that most accurately describes your product. If your equipment is currently approved, include the equipment code already assigned to your equipment. EX. W9

Item 11a: List of Brand or Trade Name(s) Including New and Existing Names

List of Trade or Brand Names, including new and existing Trade Names, under which this product will be marketed and sold. Note: The type of application being made impacts what information is to be included in this field. *See also* Item 14. EX. TelTech

Item 11b: List of New and Existing Model Number(s) for Each Brand or Trade Name

List of model numbers for each Trade or Brand Name under which this product will be marketed and sold. Note: The type of application being made impacts what information is to be included in this field. *See also* Item 14.
EX. TelTech 2001X

Item 12: Network Address Signaling Code

Show the network address signaling code. This is required for all applications. Indicate the type of network address signaling by one of the following code letters:

- T If the device performs dual-tone multi-frequency ("DTMF") signaling;
- R If the device performs rotary (pulse) signaling;
- E If the device performs either DTMF or pulse signaling (user-selectable);
- N If the device does no address signaling.

Item 13a: AC Ringer Equivalence Number ("REN")

The format to be used for the AC REN is REN (ac): n.nx, example: 1.0B, where n.n is the REN expressed in units and tenths and x is the appropriate ringer type. Only two ringer types are used: A for 20 and 30 Hz; and B for ringers that work over the range of 15.3 to 68 Hz. If the ringer equivalence number calculates to a value of less than 0.05, use 0.0. Report either A or B type REN, or it is permissible to report A and B. If Type A is to be used, calculate its value at 20 and 30 Hz and use the larger value. If the B type is to be used calculate its value over the range of 15.3 to 68 Hz and use the largest value. Also refer to *TIA Standard - TIA-168-B, Telecommunications –Telephone Terminal Equipment – Labeling Requirements.* EX. 0.2B

Item 13b: Hearing Aid Compatible ("HAC")

Telephones (corded and cordless) imported into (or manufactured in) the U.S., unless otherwise exempt, must be HAC (magnetic flux strength, §68.316). Marking of devices with the letters HAC prominently displayed is required for all HAC telephones manufactured or imported after April 1997. Enter Yes, No, or Not Applicable (N/A). EX. YES

Item 13c: Universal Service Order Codes ("USOC") Jack(s)

List codes describing type(s) of jack(s) required at the network interface. Use N/A for adjuncts that do not make direct connection to the network. Use "hardwired" for meter readers and alarm dialers, if applicable (some alarm dialers preferentially use the type RJ31X jack because of its call preemption feature.) Refer to *ATIS Technical Report No. 5*. EX. RJ11C

Item 13d: Repetitive Dialing to a Single Number

Many telephones, dialers, and alarm systems have the capability of repeat dialing to a single number. Indicate if the device or system has this feature. In CC Docket No. 81-216, Fourth Notice of Proposed Rulemaking, FCC 86-352, the Commission permitted unlimited computer-controlled automatic redialing but reserved the right to revisit this decision to ensure network protection, if necessary. Enter Yes or No. EX. NO

Item 14: Filing Status

Describe the primary reason for the filing. Each filing must demonstrate that the covered equipment will not harm the network.

Original Filing

Original filings are required for covered equipment to be sold that previously has not been approved. Each filing must be complete and without reference to a previously submitted application.

Modification Filing

Modification filings are required to report changes to approved equipment when these changes affect compliance characteristics of that equipment, for example:

(a) Schematic diagram, component values, functions, or test data;
(b) Product classification code change (*e.g.*, a TE telephone to which is added speakerphone functionality would become an MT device);
(c) Change in REN;
(d) Change in a Part 68-controlled power level;
(e) Mechanical layout, including but not limited to printed circuits;
(f) Software;
(g) Changes to a switching power supply.

A modification filing will be processed only when an original filing for the terminal equipment has previously been processed.

Notice of Change ("Notice") Filing

Notice filings are required to maintain database accuracy when no electrical change has been made to the equipment. A notice filing is required, for example, when a trade name or model number is added to a previously approved device or system. Typically, such additions describe cosmetic variations, or are for marketing the product under a different trade name or model number.

A notice filing will be processed only when an original filing for the terminal equipment has previously been processed.

Re-certification/Re-approval

Re-certification/re-approval applications are required for limited cases requiring the processing of a new filing. They can include:

(a) Changes in the network address signaling code (*e.g.*, changing from a T to an E).
(b) Establishing a new classification for equipment (*e.g.*, a change to a MF classification based on a previously approved KF system).
(c) Adding a new manufacturer; when manufacturing/distribution rights are transferred to another party.
(d) When a vendor wants its own approval for marketing reasons (with permission of the original responsible party).

This type of filing will be processed only when an original filing for the terminal equipment has previously been processed by ACTA, a TCB, or the FCC.

EX: ORIGINAL

Item 15: Facility Interface Codes ("FIC")

Provided is a partial list of common FIC codes. For a more complete list refer to *ATIS Technical Report No. 5*.

Analog Services	
FIC	**Description**
OL13A.	2-wire, Class A, Private Branch Exchange ("PBX") off-premises station port
OL13B	2-wire, Class B, PBX off-premises station port.
OL13C	2-wire, Class C, PBX off-premises station port.
LADC	Local area data channels *
METALLIC	2- or 4-wire metallic private line. *
TL11E	E&M Tie Trunk, Lossless, 2W, Type I, originates with ground on E
TL11M	E&M Tie Trunk, Lossless, 2W, Type I, originates with battery on M
TL12E	E&M Tie Trunk, Lossless, 2W, Type II, originates with ground on E
TL12M	E&M Tie Trunk, Lossless, 2W, Type II, originates with battery on M
TL31E	E&M Tie Trunk, Lossless, 4W, Type I, originates with ground on E
TL31M	E&M Tie Trunk, Lossless, 4W, Type I, originates with battery on M
TL32E	E&M Tie Trunk, Lossless, 4W, Type II, originates with ground on E
TL32M	E&M Tie Trunk, Lossless, 4W, Type II, originates with battery on M
02AC2	2-wire voice transmission with customer-provided ringing 600 ohms*
02GS2	2-wire ground-start signaling closed end provided by end user 600 ohms
02LA2	2-wire, certified, Class A, PBX off-premises station port 600 ohms
02LB2	2-wire, certified, Class B, PBX off-premises station port 600 ohms
02LC2	2-wire, certified, Class C, PBX off-premises station port 600 ohms
02LR2	2-wire Private Line Automatic Ringdown, ringing from Local Exchange Carrier ("LEC"), 600 ohms*
02LS2	2-wire loop-start signaling closed end provided by end user 600 ohms
02NO2	4-wire voice transmission with no LEC-provided signaling 600 ohms*
02RV2.0	2-wire loop reverse battery signaling, loop closure from customer, reverse battery from LEC, 600 ohms. Used for PBX-E911 trunks. *
02RV2.T	2-wire loop reverse battery signaling, loop closure from customer, reverse battery from LEC, 600 ohms. Used for Direct Inward Dialing ("DID") ports.
04AC2	4-wire voice transmission with customer-provided ringing 600 ohms*
04GS2	4-wire ground-start signaling closed end provided by end user 600 ohms*
04LR2	4-wire Private Line Automatic Ringdown, ringing from LEC, 600 ohms*
04LS2	4-wire loop-start signaling closed end provided by end user 600 ohms*
04NO2	4-wire voice transmission with no LEC-provided signaling 600 ohms. (Applicable to "hoot 'n holler" circuits.) *
04RV2.T	2-wire loop reverse battery signaling, loop closure from customer, reverse battery from LEC, 600 ohms. Used for DID ports. *
06EA2.M	6-wire Type I E&M signaling – Battery on M lead to originate, 600 ohms. Same as TL31M except with transmit TLP values of -2 to +3 dBm.
08EB2.M	8-wire Type II E&M signaling – Battery on M lead to originate, 600 ohms. Same as TL31M except has expanded receive TLP values of 0 to –8 dBm.
Digital Services	
FIC	**Description**
02DU5.56B	2-wire Switched 56 kbps Type III Public Switched Data Service ("PSDS"), 135 ohms.
02DU7.56B	2-wire Switched 56 kbps Type II PSDS, 124 ohms.
02IS5	2-wire Basic Rate Integrated Services Digital Network ("ISDN"), 135 ohms.
04DU5.19	4-wire 19.2 kbps digital interface, 135 ohms.
04DU5.19S	4-wire 19.2 kbps digital interface with secondary channel, 135 ohms.
04DU5.24	4-wire 2.4 kbps digital interface, 135 ohms.
04DU5.24S	4-wire 2.4 kbps digital interface with secondary channel, 135 ohms.
04DU5.38	4-wire 38.4 kbps digital interface, 135 ohms.
04DU5.38S	4-wire 38.4 kbps digital interface with secondary channel, 135 ohms.
04DU5.48	4-wire 4.8 kbps digital interface, 135 ohms.

04DU5.48S	4-wire 4.8 kbps digital interface with secondary channel, 135 ohms.
04DU5.56	4-wire 56 kbps digital interface, 135 ohms.
04DU5.56B	4-wire Switched 56 kbps Type I PSDS, 135 ohms.
04DU5.56S	4-wire 56 kbps digital interface with secondary channel, 135 ohms.
04DU5.64	4-wire 64 kbps digital interface, 135 ohms.
04DU5.96	4-wire 9.6 kbps digital interface, 135 ohms.
04DU5.96S	4-wire 9.6 kbps digital interface with secondary channel, 135 ohms.
04DU9.BN	4-wire 1.544 Mbps (DS1) with Super Frame (“SF”), Alternate Mark Inversion ("AMI"), no line power, 100 ohms.
04DU9.DN	4-wire 1.544 Mbps (DS1) with SF, Bipolar with eight-zero substitution (“B8ZS”), no line power, 100 ohms.
04DU9.1KN	4-wire 1.544 Mbps (DS1) with Extended Super Frame (“ESF”), AMI, no line power, 100 ohms.
04DU9.1SN	4-wire 1.544 Mbps (DS1) with ESF, Bipolar with Eight-Zero Substitution ("B8ZS"), no line power, 100 ohms. *

Analog Services: * These services are subject to local availability
Digital Services: * May be used for Primary Rate ISDN.

Use the code most accurately describing the equipment

EX. 02LS2

Item 16: Manufacturer Port ID

Manufacturer’s part number or model number for circuit pack or card for that specific network port.
EX. 2001X

Item 17 & 18: Service Order Codes (“SOC”) and Answer Supervision Codes

A partial list of the most commonly used codes is provided below.

Service Order Codes	
Analog Services	
SOC	**Description**
9.0F	Full protection to the network from systems using live voice. Only approved terminal equipment can be connected to station ports.
9.0N	Unprotected systems. Requires use of certified protective couplers or filing of affidavits with the telco. *See* §68.215(d) and (e)
9.0Y	Provides full Part 68 protection. Provides signal limiting for ALL signal sources (not just from Music On Hold (“MOH”).
7.0Y	Provides total protection to the network for connection of private communication systems.
7.0Z	Host system port provides partial protection to the network for connection of private communication systems. Requires filing of signal power affidavit with telco.
Digital Services	
SOC	**Description**
6.0Y	Provides total protection, including billing protection and encoded analog content.
6.0F	Combinations of equipment provide full protection to digital service. Billing protection and encoded analog protection are provided either by including auxiliary equipment within the certification envelope or by use of a separately certified device.
6.0N	Does not provide billing and encoded analog protection. Uses either an integrated or external Channel Service Unit (“CSU”). Affidavit to telco is required.
6.0P	Provides billing and encoded analog protection (similar to 6.0F) but requires separate CSU.

Answer Supervision Codes for Systems and Terminal Equipment	
Code	**Description**
AS.2	System ports that provide answer supervision (for system types such as CD, KF, MF, PF, VM, etc.)
AS.3	Terminal equipment or combinations of terminal equipment that provides answered supervision.

Note: Include as a Service Order Code

EX:
Item 17: N/A
Item 18: N/A

Item 19: Ancillary Equipment

Enter each model and list subsystem elements by name and manufacturer's port number that fall within the product's registration/certification "envelope". If telephones and consoles are HAC, indicate by using HAC. Note; information is not required for single and two line devices. For cordless phones used as stations, indicate the frequency band used and that digital security coding is employed.

	Certification Status*	Trade Name	Model Number	List of Ancillary Equipment by Type**	Manufacturer's Identifier
1					
2					
3					

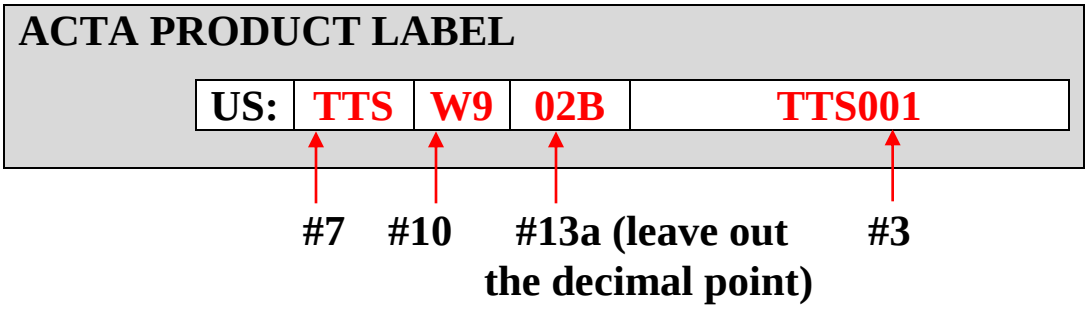
*The certification status column indicates the type of filing for all entries using these codes:

Status Code Definition of Code
NEW -- New with this submission
MOD -- Modified from previous submissions
PREV -- Previously certified, no change
MD -- Manufacturing Discontinued, may exist in product in the field
RECERT -- Re-Certification

**This includes items such as, but not limited to, consoles, telephones, external power supplies, and modems.

ACTA PRODUCT LABELING NUMBER*

For original and re-certification filings, by filling out the following information you will generate your ACTA Product-Labeling Number. Reminder, this is the ACTA label, which is a change from the FCC label. Fill in the boxes with the associated line item. An example is listed below:



ACTA Product Label US:TTSW902BTTS001

*This label is not intended for use with modification, and notice of change submissions.