

United States Department of Agriculture

Utilities Program

Informational Publications 300-3

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# **Index of Telecommunications Issuances**

**Borrower's Edition** 

#### INTRODUCTION

This index serves as a valuable resource for identifying current RUS issuances and maintaining current files.

To maintain your files, you may wish to make a periodic check of your bulletin files against the numerical list (Part III) to identify any missing or rescinded issuances

RUS is continuing its efforts in the renumbering of its publications. New and revised telecommunications issuances will appear with a 1700 series number, which corresponds with RUS policy issued in the Code of Federal Regulations (CFR).

RUS Borrowers will be notified of new and revised bulletins, by memo or e-mail. RUS borrowers should notify their business associates of the availability of these bulletins. New and revised RUS bulletins will be available on the RUS Home Page upon issuance date at: <a href="http://www.usda.gov/rus/telecom/index.htm">http://www.usda.gov/rus/telecom/index.htm</a>, we encourage you to visit our home page. If you have any questions, CALL (202) 720-8674 or Send An E-Mail to: <a href="mailto:adam.miller@usda.gov">adam.miller@usda.gov</a>. Certain items are available directly from the Government Printing Office (GPO). These publications are indicated by an "#" in Part III of this publication. See Part V for GPO ordering information.

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1753F-150 300-3

<sup>\*</sup> Available only on the following web-site: <a href="http://www.usda.gov/rus/telecom/materials/index">http://www.usda.gov/rus/telecom/materials/index</a> listomat.htm

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Independent Inspection and Quality - 7 CFR 1728.202; Bul. 1728H-702 Numbering - Bul. 1753F-152(Form 515f); TE&CM 116 Preservative Treatment - Bul. 1728F-700

#### POLICY:

Code of Federal Regulations - 7 CFR 1600-1799 RUS Relationship with Borrowers - Bul. 301-1 Telephone Tariff - TOM 1510

#### PREPAYMENT:

Guaranteed and insured Loans - 7 CFR 1786

#### **PRINCIPAL AND INTEREST:** (see INTEREST)

#### **PROPERTY:** (also see SALE OF PROPERTY)

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Conditions Requiring Electrical Protection - Bul. 1751F-801

Gas Tube Arresters - TE&CM 823

Grounding Fundamentals - Bul. 1751F-802

Situations Requiring Special Protection - TE&CM 825

Subscriber Station - Bul. 1751F-805

#### **PUBLICATIONS:**

Index - I.P. 300-3

#### **OUALITY OF SERVICE EVALUATION:**

TOM 1089.1

#### **RADIO EQUIPMENT:**

BETRS - Bul. 1751H-703 Cellular - Bul. 1751H-705

Mobile and Fixed Radiotelephone - Bul. 345-184(Form 397e); TE&CM 945

Microwave - Bul. 345-183(Form 397d); Bul. 345-57(PE-63); Bul. 1751H-701; TE&CM 933

Preloan Procedure - Bul. 385-1; Bul. 385-5; Bul. 385-6

Use of Point-to-Point Radio (Microwave) - Bul. 1751H-701

#### **RECORDS:**

Cable - TE&CM 116; TE&CM 118

Continuing Property - TOM 1870; TOM 1870.1; TOM 1870.2

Plant Record System - TE&CM 116; TE&CM 118

Service Orders - TOM 1440

Work Order Cost Records - Bul. 1770-1

#### **REGULATORY BODIES:**

Telephone Tariff - TOM 1510

#### REHABILITATION OF PLANT:

TE&CM 205

#### REPEATERS, VOICE FREQUENCY:

Application on Subscriber Loops - TE&CM 427 Automatic Gain Control Repeaters - TE&CM 429 Structural Return Losses - TE&CM 445

#### **REPORTS:**

Borrower Reports:

Environmental Guide - Categorically Excluded Projects - Bul. 1794A-600 Financial and Statistical Reports, Special Communications Facilities - Bul. 464-2 What Financial Reports Tell You - TOM 1071

#### **RIGHT-OF-WAY:**

Clearing and Trimming Assembly Units - Bul. 1753F-152 (Form 515f); TE&CM 605 Right-of-Way and Title Procedures - Bul. 380-1

#### **ROUTE AND POLE NUMBERING:**

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#### **RURAL ELECTRIFICATION ACT:**

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#### **RURAL TELEPHONE BANK (RTB):**

Bylaws - I.P. 400-1 General Information - 7 CFR 1600 Loans Policies - 7 CFR 1610 Report of the Board - I.P. 400-2

#### **RUS REPORTS:**

Administrator's - I.P. 100-7 Annual Statistical Report - I.P. 300-4 CPA Audits - 7 CFR 1789

#### **SAFETY:**

Seismic - 7 CFR 1792; Bul. 1792C-1

#### **SALE OF PROPERTY:**

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#### **SECTION 12 EXTENSIONS:**

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#### **SECURITY, LOAN:**

Operating Conditions Endangering - Bul. 400-5

#### **SPECIAL PAYMENTS:**

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#### SPECIFICATIONS AND STANDARDS:

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Acceptance Tests and Measurement of Telephone Plant - Bul. 1753F-201(PC-4);

Application Guide for Preparing the Detail Requirements for: Digital Central Office Equipment - Bul. 1753E-001(Form 522); Bul. 1751E-322

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#### **SPECIFICATIONS AND STANDARDS:** (Continued)

Point-to-Point Microwave Radio Systems - Bul. 1751H-701; Bul. 345-183(Form 397d); TE&CM 933

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Carbon Arrestors and Protectors - Bul. 345-78(PE-78)

Central Office Loop Extenders - Bul. 345-55(PE-61)

Connectors, Cable Shield Bonding - Bul. 345-65 (PE-33)

Gas Tube Surge Arresters - Bul. 345-83(PE-80)

Line Concentrators, Performance Specifications - Bul. 1753E-004(Form 397g)

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Microwave Radio Equipment - Bul. 345-57(PE-63); Bul. 1751H-701

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1753F-152(Form 515f); 1753F-153(Form 515g)

Parallel Conductor Drop Wire - Bul. 1753F-204(PE-7)

Radiotelephone, Dial, Mobile and Fixed - Bul. 345-184(Form 397e)

Repeaters, Voice Frequency - Bul. 345-69(PE-29); Bul. 345-180(Form 397a)

Service Entrance and Station Protector Installation - Bul. 1753F-801(PC-5A)

Shield Bonding Connectors - Bul. 345-65(PE-33)

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Wood Poles & Preservative - Bul. 1728F-700

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#### STAKING:

Aerial Plant - Bul. 1751F-626

Buried Plant - Bul. 1751F-641; Bul. 1751F-642

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#### STATION EQUIPMENT:

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TE&CM 445

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#### **TARIFFS:**

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#### TITLE PROCEDURE:

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#### TRANSMISSION FACILITIES:

Acceptance Tests for Loaded Subscriber Loop Plant - TE&CM 432

Application of Voice Frequency Repeaters for Subscriber Loops - TE&CM 427

Attenuation Data - TE&CM 406

BETRS Radio Systems - Bul. 1751H-703

Cable Balance - TE&CM 451.3

Cable Pair Harmonic Analysis - TE&CM 452.1

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Cellular Radio - Bul. 1751H-705

Digital Span Lines - Bul. 1751H-405

Digital Transmission Systems - Bul. 1751H-403

Exploring Coil Measurements - TE&CM 452.2

Grounding for Reduction of Power Influence - TE&CM 451.7

High Voltage Direct Current (HVDC) - TE&CM 451.6

How to Make Insertion Loss Measurements - TE&CM 407

Improved Cable Pair Balance by Conductor Reversal - TE&CM 451.8

Integrated Services Digital Network - Bul. 1751H-501

Lightwave - Bul. 1751H-601

Longitudinal Chokes - TE&CM 451.4

Microwave Radio System - Bul. 1751H-701

Neutralizing Transformers - TE&CM 451.5

Noise Isolation - TE&CM 451.1

Noise Measurement and Mitigation - TE&CM 451

Probe Wire Measurements - TE&CM 452.3

Shield Continuity - TE&CM 451.2

Specifications and Standards (see SPECIFICATIONS AND STANDARDS)

Specialized Noise Measurements and Investigation - TE&CM 452

Subscriber Loop Computations - TE&CM 426

Subscriber Loop Electronic Systems - TE&CM 401

Subscriber Loop Plant Design - TE&CM 424; TE&CM 429

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Transmission Objectives - TE&CM 415

Voice Frequency Loading for Trunk Cables - TE&CM 431

#### TRUNKS:

Inter-Office Trunking and Signaling - Bul. 1751E-319 Structural Return Loss Measurements - TE&CM 445 Voice Frequency Loading - TE&CM 431

#### U.S. TREASURY CERTIFICATES OR BONDS:

RUS Series - Bul. 403-4

#### **UNIFORM SYSTEM OF ACCOUNTS:**

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#### **UNDERGROUND CONDUIT:**

Bul. 1753F-151(Form 515c); Bul. 1751F-643

#### WIRE:

Buried Service - Bul. 1753F-206(PE-86); Bul. 1753F-153(Form 515g) Drop Parallel Conductor - Bul. Bul. 1753F-153(Form 515g) Seven Wire Aluminum Clad Steel Strand - Bul. 1753F-152(Form 515f) Steel, 7 Wire Galvanized Strand - 7 CFR 1755.370; Bul. 1753F-152(Form 515f)

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Accounting Procedures - Bul. 1770-1

### **PART III**

## NUMERICAL LISTING OF CURRENT RUS ISSUANCES

## **SECTION A**

## **BULLETINS, SPECIFICATIONS**

D. II. (1	Spec.	Issue	The state of the s
Bulletin	Number	Date	Title
300-5		08/69	General Funds
		10/87	File With
301-1		08/69	Guiding Statement of RUS Policy Concerning its Relationship with Borrowers
320-2		05/72	Extensions of Payments of Principal and Interest
320-5		05/72	Headquarters Facilities for Telephone Borrowers
320-9		03/65	Organization and Capital Structure of Telephone Borrowers
320-12		09/82 09/88	Loan Payments and Statements Supplement
320-15		07/70	Equal Employment Opportunity in Construction Financed with RUS Loans
		02/72	Supplement
320-19		07/78	Nondiscrimination among Beneficiaries of RUS Programs
320-22		02/75 09/75	Guarantee of Loans for Telephone Facilities Supplement
321-2		09/75	Loan Security Requirements for Telephone
322-2		04/67	Rural Area Coverage - Telephone Loans
344-3		07/55	"Buy American" Requirement
345-3		10/81	Acceptance of Standards, Specifications, Equipment Contract Forms, Manual Sections, Drawings, Materials and Equipment for the Telephone Program
345-22*	PE-26	01/89	RUS Specification for Voice Frequency Loading Coils
345-50*	PE-60	09/79	RUS Specification for Trunk Carrier Systems

<sup>\*</sup> Incorporated by reference.

Bulletin	Spec. Number	Issue Date	Title
345-54*	PE-52	12/71	RUS Specification for Telephone Cable Splicing Connectors
		08/72	Revised Pages
345-55*	PE-61	12/73	RUS Specification for Central Office Loop Extenders & Loop Extenders Voice Frequency Repeater Combinations
345-57	PE-63	05/82	RUS Specification for Microwave Radio Equipment
345-65*	PE-33	03/85	RUS Specification for Shield Bonding Connectors
345-66*	PE-64	09/79 08/80	RUS Specification for Subscriber Carrier Systems Pen and Ink Revision
345-69*	PE-29	01/78	RUS Specification for Two-Wire Voice Frequency Repeater Equipment
		10/82	Addendum No. 1
345-72*	PE-74	10/85	RUS Specification for Filled Splice Closures
345-76	PE-57	05/77	RUS Specification for Spring Action Bonding Connectors Within Buried Plant Housings
345-78*	PE-78	02/80	RUS Specification for Carbon Arrestor Assemblies for Use in Protectors
		07/80	Supplement
345-83	PE-80	07/79 10/82	RUS Specification for Gas Tube Surge Arresters Supplement
345-180*	Form 397a	01/63	Specifications for Voice Frequency Repeaters and Voice Frequency Repeated Trunks
345-181	Form 397b	10/80	Design Specifications for Trunk Carrier Systems
345-182	Form 397c	10/80	Design Specifications for Subscriber Carrier Systems
345-183*	Form 397d	06/70	Design Specification for Point-to-Point Microwave Radio Systems
345-184*	Form 397e	05/71	Mobile and Fixed Dial Radiotelephone Specification
380-1		07/56 04/66 01/77	Right-of-Way and Title Procedures - Telephone Supplement 1 to Appendix A Supplement

<sup>\*</sup> Incorporated by reference.

Bulletin	Spec. Number	Issue Date	Title
385-1		12/62	Pre-loan Procedures and Requirements for Two-Way Radiotelephone Service
			1 wo- way Radiotelephone Service
385-5		04/66	Loans to Finance Radio Equipment for Subscriber Service
385-6		12/75	Pre-loan Procedures and Requirements for Radio Paging Service
400-3		06/62	Agreement for the Operation and Management of Borrowers' System
400-4		12/65	Payment of Legal Fees from Loan and Equity Funds
		05/74	Pen and Ink Change
400-5		01/64	Operating Conditions Endangering Loan Security
401-2		06/54	Responsibilities of a Telephone Co-op Director
401-3		11/75	Annual Meeting Guide for Rural Electric and Telephone Cooperatives
402-1		12/62	Mortgage Restrictions on Dividends and Other Distributions - Telephone Borrowers
		02/72	Supplement
		10/75	Supplement
		02/78	Supplement
402-2		11/60	Partial Waiver of Security Instrument Provisions Relating to Distribution of Capital by Cooperatives
		10/77	Supplement
402-3		03/64	Capital Credits - Consumer Benefits
		12/73	Supplement
		08/74	Appendix B
403-3		10/59	Minutes of Meetings of Directors, Stockholders, or Members Telephone
		09/77	Supplement
403-4		10/77	5 Percent Treasury Certificates of Indebtedness - RUS Series and 2 Percent Treasury Bonds - RUS Series
405-1		07/62	Financial Planning by Telephone Borrowers
409-1		05/72	Selection of a Manager by Telephone Borrowers

<sup>\*</sup> Incorporated by reference

409-7  06/86  Expanding Manpower R Cooperative Education  411-1  06/61  Extended Area Service (  415-1  08/60  Sale of Property by Tele 06/66  Supplement 10/77  Supplement 07/79  Supplement  460-2  04/71  Selection of Depositorie	asources Through
415-1 08/60 Sale of Property by Tele 06/66 Supplement 10/77 Supplement 07/79 Supplement 460-2 04/71 Selection of Depositorie	esources Through
06/66 Supplement 10/77 Supplement 07/79 Supplement 460-2 04/71 Selection of Depositorie	EAS)
1	phone Borrowers
RUS Borrowers	s for Funds of
460-3 12/71 ABC's of Accounting an Financial Statements	d Interpretation of
464-1 02/59 Accounting for Damages Completion of Construct	s Resulting from Delayed tion
464-2 06/65 Accounting and Reporting Large Investments in Sp. Facilities	•
1710B-1 02/98 Guide to Federal Financ by RUS	ing Bank Loans Guarantee
1724E-400 08/95 Presentation of Building	Plans and Specifications
1728F-700* DT-5C 09/93 RUS Specification for W and Anchor Logs	Vood Poles, Stubs
1728H-702* DT-19 09/93 RUS Specification for Q Inspection of Timber Pro	
1744-2 03/01 Instructions for Preparin Reports For Telephone I	g Financial and Statistical Borrowers, Form 479
1751E-302 10/93 Power Requirements for Equipment	Digital Central Office
1751E-319 11/93 Interoffice Trunking and	Signaling
1751E-320 07/93 Emergency Generating a	and Charging Equipment
1751E-322 10/93 Application for the Prep Digital Central Office Ed Requirements (Form 522)	quipment
1751F-626 05/94 Staking of Aerial Plant	
1751F-630 01/96 Design of Aerial Plant	

<sup>\*</sup> Incorporated by reference

Spec. Bulletin	Issue Number	Date	Title
1751F-635		06/96	Aerial Plant Construction
1751F-640		03/95	Design of Buried Plant - Physical Consideration
1751F-641		06/95	Construction of Buried Plant
1751F-642		06/95	Construction Route Planning of Buried Plant
1751F-643		08/02	Underground Plant Design
1751F-644		08/02	Underground Plant Construction
1751F-650		07/96	Aerial Plant Guying and Anchoring
1751F-670		09/93	Outside Plant Corrosion Consideration
1751F-801		05/95	Electrical Protection Fundamentals
1751F-802		04/94	Electrical Protection Grounding Fundamentals
1751F-805		05/95	Electrical Protection at Customer Locations
1751F-810		07/97	Electrical Protection of Digital and Lightwave Telecommunications Equipment
1751F-815		05/95	Electrical Protection of Outside Plant
1751H-403		07/91	Digital Transmission Fundamentals
1751H-405		05/94	Digital Span Line Systems
1751H-501		04/91	Fundamentals of ISDN
1751H-601		05/91	Lightwave Fundamentals, Systems, and Applications
1751H-701		04/92	Radio System Fundamentals and Point-to-Point Digital Radio Systems
1751H-703		09/91	BETRS Radio Systems
1751H-705		09/91	Fundamentals of Cellular Radio Service
1753E-001	Form 522	01/96	RUS General Specification for Digital, Stored Program Controlled Central Office Equipment
1753E-002		04/94	RUS Telecommunications Software License Agreement
1753E-004	Form 397g	09/95	RUS Performance Specification for Line Construction

Bulletin	Spec. Number	Issue Date	Title Expires
1753E-201		11/96	Acceptance Tests for Digital, Stored Program Controlled Central Office Equipment
1753F-150*	Form 515a	09/10	Specifications and Drawings for Construction of Direct Buried Plant
1753F-151*	Form 515c	08/01	Specifications and Drawings for Conduit and Manhole Construction
1753F-152*	Form 515f	09/01	Specifications and Drawings for Construction of Pole Lines, Aerial Cables and Wire
1753F-153*	Form 515g	09/01	Specifications and Drawings for Service Entrance and Station Protector Installation
1753F-201*	PC-4	08/97	RUS Standard for Acceptance Test and Measurements of Telecommunications Plant
1753F-204	PE-7	08/96	RUS Specification for Aerial Service Wires
1753F-205	PE-39	06/93	RUS Specification for Filled Telephone Cables
1753F-206	PE-86	01/94	RUS Specification for Filled Buried Wire
1753F-207*	PE-87	07/94	RUS Specification for Terminating Cables
1753F-208	PE-89	06/93	RUS Specification for Filled Telephone Cables with Expanded Insulation
1753F-302	PE-91	07/97	RUS Specification for Outside Plant Housing and Serving Area Interface Systems
1753F-401*	PC-2	03/95	RUS Standard for Splicing Copper and Fiber Optic Cables
1753F-601a*	PE-90a	12/09	Minimun Performance Specification for Fiber Optic Cable (FOR BACKBONE, FEEDER AND DISTRIBUTION PLANT)
1753F-601b*	PE-90b	12/09	Minimun Performance Specification for Fiber Optic Cable (SUBSCRIBER DROP CABLES)
1753F-801	(PC-5A)	09/01	RUS Standard for Service Installations at Customer Access Locations
1755E-217	Form 217	03/97	Postloan Engineering Services Contract -
		07/97	Telecommunications Systems Attachment

\* Incorporated by reference

Bulletin	Spec. Number	Issue Date	Title	Expires
				-
1770B-1		11/92	47 CFR Part 32, Uniform System of	
			Accounts, and Supplementary Accounts	
			Required of RUS Telephone Borrowers	
1792C-1		07/93	Seismic Safety of New Building Construction	
		06/94	Attachment	
1794A-600		12/98	Guide for Preparing a Borrower's Environmental	
			Report for Categorically Excluded Projects	

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SECTION B
TELECOMMUNICATIONS ENGINEERING AND CONSTRUCTION MANUAL (TE&CM)

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116	01	12/65 03/66	Plant Engineering and Record Systems Addendum No. 1
118	01	05/78	Plant Records System Serving Area Value Engineering for Rural Systems
128	01	05/55	Cutsheet
201	05	11/83	Introduction to Objectives to Rural Telephone System Designs
203	01	04/71	Existing Plant Considerations for a Telephone System Design
204	01	05/71	Telephone System Design
205	05	04/71	Assembly and Arrangement of an Area Coverage Design
207	01	07/74	Design Criteria for Plant Reinforcement Upgrading from Four-Party to All One-Party
210	08	07/74	Telephone System Design - Sizing Criteria
218	04	02/87	Plant Annual Cost Data for Design Purposes
219	01	01/78	Present Worth of Annual Charge Studies for System Design
230	02	02/86	General Principles of Feeder-Distribution Cable Engineering (SAVE)
231	02	02/86	Design Techniques of Feeder-Distribution Cable Engineering (SAVE)
232	02	02/86	Transmission Design and Costs Considerations of Feeder - Distribution Cable Engineering (SAVE)
301	03	12/76	Central Office Buildings
306	01	09/85	Earthquake Bracing for Central Office Equipment
332	01	08/69	Guide for Utilization of Central Office Loop Extenders
340	02	01/79	Subscriber Line Concentrators
341	02	10/84	Application Guide for the Preparation of Detailed Line Concentrator Requirements

Section Number	Issue Number	Issue Date	Title
401	01	12/80	Subscriber Loop Electronic System
406	03	08/77	Transmission Facility Data
407	01	03/59	How to Make Insertion Loss Measurements
415	04	06/90	Transmission Objectives
424	04	07/88	Design Guidelines for Telecommunications Subscriber Loop Plant
426	02	12/77	Subscriber Loop Computations Design-By-Loss Method
427	03	03/82	Application of Voice Frequency Repeaters for Subscriber Loops and Two-Wire Trunk Circuits
428	01	10/65	Applications and Use of Bridge Tap Isolators (BTI) for Subscriber Loops
429	01	01/79	Automatic Gain Control Repeaters and Their Application to Common Mode Operation
431	02	10/62 04/75	Voice Frequency Loading for Trunk Cables Addendum No. 1
432	01	02/68	Acceptance Tests for Loaded Subscriber Loop "One-Man" Structural Plant - Return Loss Method from the Central Office
435	01	01/79	Cable Capacitance Measurements
445	02	01/65	How to Make Structural Return Loss Measurements
451	02	09/79 09/81	Telephone Noise Measurement and Mitigation Addendum No. 1
451.1	01	09/79	Noise Isolation
451.2	02	04/84	Shield Continuity
451.3	01	09/79	Cable Balance
451.4	01	09/79	Longitudinal Chokes
451.5	01	09/79	Neutralizing Transformers
451.6	01	09/79	High Voltage Direct Current (HVDC)
451.7	01	02/81	Grounding for Reduction of Power Influence
451.8	01	02/81	Improved Cable Pair Balance by Conductor Reversal
452	01	12/80	Specialized Telephone Noise Measurements and Investigation

Section Number	Issue Number	Issue Date	Title
452.1	01	12/80	Telephone Cable Pair Harmonic Analysis
452.2	01	12/80	Exploring Coil Measurements
452.3	01	12/80	Probe Wire Measurements
602	04	05/62 09/63	Clearance Addendum No. 1
605	04	01/79	Right-of-Way Clearing and Trimming Assembly Units - Aerial Plant
611	03	03/60 10/66	Design of Pole Lines Addendum No. 3
628	02	01/68	Plastic-Insulated Cable Plant Layout
629	03	01/77	Cable Plant Layout - Serving Area Value Engineering for Rural Systems
648	01	01/77	Serving Area Value Engineering (Physical Plant)
760	01	03/73	Data Modems
822	05	09/81	Electrical Protection of Carrier Equipment
823	03	08/80	Electrical Protection by Use of Gas Tube Arresters
825	03	09/73	Situations Requiring Special Protection
901	03	09/83	Fundamentals of Carrier Transmissions
903	03	01/81	Applications Guide for Subscriber Carrier ,Specifications, RUS Form 397c
904	03	01/81	Application Guide for Trunk Carrier Specifications, RUS Form 397b
905	01	10/63	Cable Carrier Systems and Carrier Frequency Transmission Through Cables
909	01	12/67	Impedance Matching for Carrier Multiplex Systems
911	02	09/71 05/80	Station Carrier Equipment Addendum No. 1

Section Number	Issue Number	Issue Date	Title
912	01	04/71 05/80	Station Carrier Equipment Addendum No. 1
921	01	11/76	Testing Cables for Carrier Application
933	02	04/70	Application Guide for Point-to-Point Microwave Radio Systems Specification, RUS Form 397e
945	01	07/66	IMTS - Improved Mobile Telephone System
961	01	06/90	Application Guide for Digital Lightwave Transmission System Specification, RUS Form 397e

SECTION C
TELEPHONE OPERATIONS MANUAL (TOM)

Section Number	Issued Number	Date Issued	Title
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1001	02	05/65	Scope and Use of the Telephone Operations
1002	22	11/81	Numerical Index
1050	01	07/60	Restoration of Service in Case of Disaster
1070	05	12/75	Short-Range Planning
1071	02	12/60	What Your Financial Reports Tell You
1081	01	12/76	Long-Range System and Financial Planning
1089.1	01	10/75	Quality of Service Evaluation Guide for an Appraisal
1090	02	07/70	Improving Management of Telephone Systems
1101	01	06/68	Model Bylaws for Telephone Cooperatives
COMMERCI	IAL		
1440	02	01/66	Service Order Procedure
1510	02	01/80	Telephone Tariff
ACCOUNTIN	NG		
1870	01	12/54	Continuing Property Records
1870.1	01	12/60	Guide for Establishing Continuing Property Records
1870.2	01	06/70	A Suggested List of Property Record Units for Telephone Borrowers
1951	02	07/64	Procedures for Computing and Recording Capital Credits

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# SECTION D INFORMATIONAL PUBLICATIONS (I.P)

	Issued	
Number	Date	Title
100-1	12/93	Rural Electrification Act of 1936 with Amendments as Approved Through December 17, 1993
300-3	10/10	Index of Telecommunication Issuances - Borrowers Edition

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#### **PART IV**

#### RUS POLICES AND PROCEDURES FOR THE ELECTRIC AND TELEPHONE PROGRAMS LOCATED IN THE

### **CODE OF FEDERAL REGULATIONS (CFR)**

(as of October 2010)

Part	Section	Subject	Part	Section	Subject
RURA	L TELEPHON	NE BANK		1700.20	Insured electric loans pursuant to
600	GENERAL	INFORMATION			section 305 of the Rural Electrification
	1600.1	General.			Act, as amended.
	1600.2	Definitions.		1700.21	Insured telephone loans pursuant to
	1600.3	Open meetings.			section 305 of the Rural Electrification
	1600.4	Scheduling of meetings.			Act, as amended.
	1600.5	Public announcement of meetings.		1700.22	Rural Telephone Bank loans pursuant to
	1600.6	Bases for closing a meeting to the public.			section 408 of the Rural Electrification
	1600.7	Procedures for closing a meeting to the			Act, as amended.
		public.		1700.23	Guaranteed loans pursuant to section 306
	1600.8	Transcript, recording or minutes; available			of the Rural Electrification Act, as
		to the public			amended.
510	LOAN POL	_		1700.24	Loans and grants pursuant to section 313
	1610.1	General.			of the RE Act.
	1610.2	Definitions.		1700.25	Other loan authorities.
	1610.3	Loan authorizations.		1700.26	Studies, investigations, and reports.
	1610.4	Loan applications.		1700.27	Loan security activities.
	1610.4	Minimum Bank loan.		1700.27	Issuances implementing procedure.
	1610.6	Concurrent Bank and RUS cost-of-money		1700.29	[Reserved]
	1010.0	loans.			Public Information
	1610.7			Subpart C 1700.30	
	1610.7	Adoption of certain exchange facilities.		1700.30	Availability of Agency Publications and
	1610.8	Adoption of applicable RUS policy. Class B stock.			other information, and collection of public
	1610.9			1700.21	comments to proposed rules.
	1610.10	Determination of interest rate on Bank		1700.31	Indexes.
	1610.11	loans.		1700.32	Requests for records.
TTD 4	1610.11	Prepayments.		1700.33	Appeals.
	LUTILITIES			Subpart D	Delegations of Authority; General
700		INFORMATION		1700.40	Exercise of delegated authority.
	Subpart A	Organization and Functions		1700.41	Persons serving in acting capacities.
	1700.1	General.		1700.42	Persons serving as acting Administrator.
	1700.2	Office of the Administrator.		1700.43	Persons serving as acting Assistant
	1700.3	Office of the Deputy Administrator-			Administrator
		Program Operations.		1700.44	Contracts approved on behalf of the
	1700.4	Rural electric program.			Administrator.
	1700.5	Rural telephone program.		1700.45-170	0.59 [Reserved]
	1700.6	Economic development and technical		Subpart E	Delegations of authority; Agency Issuance
		services.			and Certain Correspondence
	1700.7	Office of the Deputy Administrator-		1700.60	Agency issuances.
		Management and Policy Support.		1700.61	Agency publications control officer.
	1700.8	Office of the Assistant Administrator-		1700.62-170	0.69 [Reserved]
		Management.			
	1700.9	Information, legislation, policy and			
		management analysis.			
	1700.10-170	0.19 [Reserved]			
	Subpart B	Programs			

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	Subpart F	Delegations; Authorities Reserved by the		1700.141	General delegations.
		Administrator		1700.142	Deputy Administrator.
	1700.70	General.		1700.143	Assistant Administrator-Telephone.
	1700.71	Rural economic development loan and		1700.144	Deputy Assistant Administrator-
		grant and distance learning and medical			Telephone.
		link grant programs.		1700.145	Regional Directors.
	1700.72	Electric program.		1700.146	Chiefs, Regional Engineering Branches-
	1700.73	Telephone program.			Telephone.
		0.89 [Reserved]		1700.147	Chiefs, Regional Operations Branches-
	Subpart G	Delegations of Authority; Loan Review		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Telephone.
	Suspart	Committees		1700.148	General Field Representatives-Telephone.
	1700.90	General.		1700.149	Director, Telecommunications Standards
	1700.90	Senior loan review committee.		1700.147	Division.
	1700.91	Assistant Administrator's loan committee.		1700.150	Technical Standards Committees "A" and
				1700.130	"B"-Telephone.
	1700.93	Rural economic development recommendation committee.		1700 151 17	1
	1500 04 150				00.159 [Reserved]
		0.99 [Reserved]		Subpart K	Delegations of Authority; Financial
	Subpart H	Delegations of Authority; Rural Economic		.=	Services
		Development, Program Support, and		1700.160	General.
		<b>Borrower Accounting Activities</b>		1700.161	Program Advisor, Financial Services Staff
	1700.100	General.		1700.162-17	00.169 [Reserved]
	1700.101	Deputy Administrator.		Subpart L	Delegations of Authority; Financial
	1700.102	Assistant Administrator-Economic			Operations Activities
		Development and Technical Services.		1700.170	General.
	1700.103	Director-Rural Development Assistant		1700.171	Deputy Administrator.
		Staff.		1700.172	Director, Financial Operations Division.
	1700.104	Chief, Financing Branch-Rural		1700.173	Chief, Loans Receivable Branch.
		Development Assistance Staff.		1700.174-17	00.189 [Reserved]
	1700.105	Director, Borrower Accounting Division.	1703	RURAL DE	VELOPMENT
	1700.106	Chief, Technical Accounting and Auditing		Subpart A	[Reserved]
		Staff.		Subpart B	Rural Economic Development Loan and
	1700.107	Chiefs, Area Accounting Branches.		-	Grant Program
	1700.108	Field Accountants.		1703.10	Purpose.
	1700.109	Director-Program Support Staff.		1703.11	Policy.
		00.119 [Reserved]		1703.12	Definitions.
	Subpart I	Delegation of Authority; Electric Program		1703.13	Source of funds.
	1700.120	General.		1703.14	Disposition of funds in the subaccount.
	1700.121	Deputy Administrator.		1703.15	[Reserved]
	1700.121	Assistant Administrator-Electric.		1703.16	Eligibility.
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	1700.123	Deputy Assistant Administrator-Electric.		1703.17	Use of zero-interest loans and grants.
	1700.124	Regional Directors.		1703.18	Types of projects eligible for grant
	1700.125	Chiefs, Regional Engineering Branches.		1502.10	funding.
		Chiefs, Area Operations Branches.		1703.19	General requirements for grant funding.
	1700.126			1703.20	Ineligible used to zero-interest loans and
	1700.127	Director-Power Supply Division.			
		Chief, Operations Branch, Power Supply			grants.
	1700.127 1700.128	Chief, Operations Branch, Power Supply Division.		1703.21	Limitations on the use of zero-interest loan
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	1700.127 1700.128	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches,			Limitations on the use of zero-interest loan and grant funds.  Revolving loan program.
	1700.127 1700.128 1700.129	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division.		1703.22	Limitations on the use of zero-interest loar and grant funds. Revolving loan program.
	1700.127 1700.128 1700.129 1700.130	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division. General Field Representatives-Electric.		1703.22	Limitations on the use of zero-interest loan and grant funds. Revolving loan program. Supplemental funds requirements for zero-
	1700.127 1700.128 1700.129 1700.130 1700.131	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division. General Field Representatives-Electric. Director, Electric Staff Division.		1703.22 1703.23	Limitations on the use of zero-interest loar and grant funds.  Revolving loan program.  Supplemental funds requirements for zero-interest loans and grants.  [Reserved]
	1700.127 1700.128 1700.129 1700.130 1700.131 1700.132	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division. General Field Representatives-Electric. Director, Electric Staff Division. Technical Standards Committees "A" and		1703.22 1703.23 1703.24	Limitations on the use of zero-interest loar and grant funds.  Revolving loan program.  Supplemental funds requirements for zero-interest loans and grants.
	1700.127 1700.128 1700.129 1700.130 1700.131 1700.132	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division. General Field Representatives-Electric. Director, Electric Staff Division. Technical Standards Committees "A" and "B"-Electric.		1703.22 1703.23 1703.24	Limitations on the use of zero-interest loar and grant funds.  Revolving loan program.  Supplemental funds requirements for zero-interest loans and grants.  [Reserved]  Significance of RUS financing to the total project cost.
	1700.127 1700.128 1700.129 1700.130 1700.131 1700.132	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division. General Field Representatives-Electric. Director, Electric Staff Division. Technical Standards Committees "A" and "B"-Electric. 00.139 Reserved] Delegations of Authority; Telephone		1703.22 1703.23 1703.24 1703.25 1703.26	Limitations on the use of zero-interest loar and grant funds.  Revolving loan program.  Supplemental funds requirements for zero-interest loans and grants.  [Reserved]  Significance of RUS financing to the total project cost.  [Reserved]
	1700.127 1700.128 1700.129 1700.130 1700.131 1700.132	Chief, Operations Branch, Power Supply Division. Chiefs, Power Engineering Branches, Power Supply Division. General Field Representatives-Electric. Director, Electric Staff Division. Technical Standards Committees "A" and "B"-Electric. 00.139 Reserved]		1703.22 1703.23 1703.24 1703.25	Limitations on the use of zero-interest loar and grant funds.  Revolving loan program.  Supplemental funds requirements for zero-interest loans and grants.  [Reserved]  Significance of RUS financing to the total project cost.

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	1703.29	Terms of zero-interest loan repayment.		1703.120-170	03.121 [Reserved]
	1703.30	Approval of agreements.		703.122	Further processing of selected
	1703.31	Transfer of employment or business.			applications.
	1703.32	Environmental requirements.		1703.123-170	03.125 [Reserved]
	1703.33	Other considerations.		1703.126	Disbursement of loan and grant funds.
	1703.34	Applications.		1703.120	Reporting and oversight requirements.
	1703.35	Section of the application covering the		1703.127	Audit Requirements.
	1703.33	selection of the application covering the selection factors.			)3.134 [Reserved]
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	1703.36	Section of the application covering the		1703.135	Grant and loan Administration.
	1502.05	project description.		1703.136	Changes in project objectives or scope.
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		environmental impact of the project.			03.139 [Reserved]
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	1703.45	Review and analysis of applications.			APPENDIX A TO SUBPART B-ERS Rural-
	1703.46	Documenting the evaluation and selection			Urban Continuum Scale
		of applications for zero-interest loans and		Subpart E	<b>Deferments of RUS Loan Payments for</b>
		grants.			Rural Development Projects
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	1703.58	Post selection period.		1703.301	Policy.
	1703.59	Final application processing and legal		1703.302	Definitions and rules of construction.
	1703.37	documents.		1703.302	Eligibility criteria for deferment of loan
	1702 (0			1703.303	
	1703.60	[Reserved]		1702.204	payments.
	1703.61	Disbursement of zero-interest loan and		1703.304	Restrictions on the deferment of loan
		grant funds.			payments.
	1703.62-1703	3.65 [Reserved]		1703.305	Requirements for deferment of loan
	1703.66	Review and other requirements.			payments.,
	1703.67	Changes in project objective or scope.		1703.306	Limitation on funds derived from the
	1703.68	Loan and grant termination provisions.			deferment of loan payments.
	1703.69-1703	3.79 [Reserved]		1703.307	Uses of the deferments of loan payments.
	Subpart C	Rural Business Incubator Program		1703.308	Amount of deferment funds available.
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	Subpart D	Distance Learning and Telemedicine Loan and		1703.310	Environmental considerations.
	•	Grant Program		1703.311	Application procedures for deferment of
	1703.100	Purpose.			loan payments.
	1703.101	Policy.		1703.312	RUS review requirements.
	1703.101	Definitions.		1703.312	Compliance with other regulations.
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	1703.104	Allowable grant and loan funding percentage.			TO INSURED AND GUARANTEED
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	1703.107	Ineligible loan and grant purposes		1710.1	General statement.
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	1703.109	The application for financial assistance.		1710.4	Exception authority.
	1703.110	Conflict of interest.		1710.5	Availability of forms.
	1703.111	[Reserved]		1710.6	Applicability of certain provisions to
	1703.112	Determination of types of financial assistance			completed loan applications.
	1703.113	Application filing dates, locations, processing, and		1710.7	Exemptions of RUS operational controls
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		03.116 [Reserved]		1710.8-1710.	. ,
	1703.117	Criteria for scoring applications.		Subpart B	Types of Loans and Loan Guarantees
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		loans.		1710.255-17	[10.299 [Reserved]
	1710.103	Area coverage.		Subpart G	Long-Range Financial Forecasts
	1710.104	Service to non-RE Act beneficiaries.		1710.300	General.
	1710.105	State regulatory approvals.		1710.301	Financial forecasts-distribution borrowers.
	1710.106	Uses of loan funds.		1710.302	Financial Forecasts-power supply
	1710.107	Amount lent for acquisitions.			borrowers.
	1710.108	Mergers and consolidations.		1710.303	Power cost studies-power supply bor.
	1710.109	Reimbursement of general funds and			1710.304-1710.349 [Reserved]
		interim financing.		Subpart H	Demand Side Management and Renewab
	1710.110	Supplemental financing.		2 22 F 22 2 2 2	Energy Systems
	1710.111	Refinancing.		1710.350	Purpose.
	1710.111	Loan feasibility.		1710.350	General policy; renewable energy systems.
	1710.112	Loan security.		1710.351	General policy; energy resources
	1710.113	TIER and DSC requirements.		1710.332	conservation program.
	1710.114	Final maturity.		1710.353	General policy; demand side management.
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		[Reserved] Environmental considerations.		1710.354	Eligible DSM activities.
	1710.117			1710.355	DSM loan applications.
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	1710.120	Construction standards and contracting.		1710.358	Requirements for a DSM plan.
	1710.121	Insurance requirements.		1710.359	DSM effects.
	1710.122	Equal opportunity and nondiscrimination.		1710.360	Submittal of alternate documentation.
	1710.123	Debarment and suspension.		1710.361	Type and term of loans.
	1710.124	Uniform Relocation Act.		1710.362	Loan approval.
	1710.125	Restrictions on lobbying.		1710.363	Advance and documentation of use of loan
	1710.126	Federal debt delinquency.			funds.
	1710.127	Drug free workplace.		1710.364	Loan limits.
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	1710.150	General.		1710.400	Initial contact.
	1710.151	Required findings for all loans.		1710.401	Loan application documents.
	1710.152	Primary support documents.		1710.402-17	[10.403 [Reserved]
	1710.153	Additional requirements and procedures.		1710.404	Additional requirements.
	1710.154-17	10.199 [Reserved]		1710.405	Supplemental financing documents.
	Subpart E	Power Requirements Studies		1710.406	Loan approval.
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	1710.201	Requirement to prepare a PRS-power	1714	PRE-LOAN	POLICIES AND PROCEDURES FOR
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		borrowers.		1714.1	[Reserved]
	1710.203	Basic policies and requirements for a PRS.		1714.2	Definitions.
	1710.204	PRS work plan requirements.		1714.3	Applicability of provisions.
	1710.205	Basic criteria for RUS approval of a PRS.		1714.4	Interest rates.
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		10.249 [Reserved]			municipal rate loans.
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	1710.250	Construction work plans-distribution		1714.9	Prepayment of insured loans.
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	1710 070	borrowers.			4.54 [Reserved]
	1710.253	Engineering and cost studies-addition of generation capacity.		1714.55 1714.56	Advance of funds from insured loans. Fund advance period.

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	1714.57	Sequence of advances.		1717.604	Long-range engineering plans and construction
	1714.58	Amortization of principal.			work plans.
	1714.59	Rescission of loans.		1717.605	Design standards, plans and specifications,
1717	POST-LOAN	N POLICIES AND PROCEDURES COMMON			construction standards, and RUS accepted
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	Subpart D	Mergers and Consolidations of Electric Borrowers			engineering and architectural services
	1717.150	General.			contracts.
	1717.151	Definitions.		Subpart N	Investments, Loans, and Guarantees by
	1717.152	Required documentation for all mergers			Electric Borrowers
	1717.153	Transitional assistance.		1717.650	Purpose.
	1717.154	Transitional assistance in connection with new		1717.651	Policy.
		loans.		1717.652	Definitions.
	1717.155	Transitional assistance affecting new and		1717.653	General.
		preexisting loans.		1717.654	Exclusions.
	1717.156	Transitional assistance affecting preexisting loans.		1717.655	Records.
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	1717.159	Applications for RUS approvals of mergers		1717.657	Restriction imposed by other lenders.
	1717.160	Application contents.		1717.658	Investments, loans, and guarantees in
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	1717.301	Policy.		Subpart P	[Reserved]
	1717.302	Definitions and rules of construction.		-	17.799 [Reserved]
	1717.303	Requirements of RUS Documents.		Subpart Q	[Reserved]
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	1717.307	Distribution members' rates.		1717.851	Definitions.
	1717.308	RUS approval of nonconforming rates.		1717.852	Financing purposes.
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	1717.350	Purpose.		1717.000	100 percent private financing of
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	1717.355	RUS required rates.			transmission and/or generation facilities.
	1717.356	Additional statutory pre-emption.		1717.857	Refinancing of existing secured debt-
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	Subpart M	Operational Controls		1717.858	Lien subordination for rural development
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	1717.603	RUS approval of extensions and addictions.		1,11.000	under section 306E of the RE Act.
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1717.900

Qualification requirements.

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	Subpart T	[Reserved]		1726.13	Waivers.
	1717.950-17	<b>17.999</b> [Reserved]		1726.14	Definitions.
	Subpart U	[Reserved]		1726.15	"Buy American".
	1717.1000-1	717.1049 [Reserved]		1726.16	Debarment and suspension.
	Subpart V	[Reserved]		1726.17	Restrictions on lobbying.
	1717.1050-1	717.1099 [Reserved]		1726.18	Preloan contracting.
	Subpart W	[Reserved]		1726.19	Use of competitive procurement.
	1717.1100-1	717.1149 [Reserved]		1726.20	Standards and specifications.
	Subpart X	[Reserved]		1726.21	New materials.
	1717.1150-1	717.1199 [Reserved]		1726.22	Methods of construction.
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	1717.1200	Purpose and scope		1726.24	Written contracts.
	1717.1201	Definitions		1726.25	Subcontracts.
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	1717.1203	Relationship between RUS and Department of		1726.35	Submission of document to RUS.
		Justice.		1726.36	Documents subject to RUS approval.
	1717.1204	Policies and conditions applicable to settlements.		1726.37	OMB control number.
	1717.1205	Waiver of existing conditions on borrowers.		1726.38-172	6.49 [Reserved]
	1717.1206	Loans subsequent to settlement.		Subpart B	Distribution Facilities
	1717.1207	RUS obligations under loan guarantees.		1726.50	Distribution line materials and equipment.
	1717.1208	Government's rights under loan documents.		1726.51	Distribution line construction.
1718	LOAN SEC	URITY DOCUMENTS FOR ELECTRIC		1726.52-172	6.74 [Reserved]
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	1718.51	Policy.			construction.
	1718.52	Existing mortgagees.			6.124 [Reserved]
	1718.53	Rights of other mortgagees.		Subpart D	Generation Facilities
	1718.54	Availability of model mortgage.		1726.125	Generating plant facilities.
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	1726.326	Construction or equipment contract			Specification for Wood Crossarms (Solid
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	1735.18	Additional equity.		Subpart J	Toll Line Acquisitions
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