

DATA SERVICE—REFERENCE GUIDES

CROSS-REFERENCE INFORMATION

1. GENERAL

1.01 The information contained in this section provides a rapid cross-reference between Uniform Service Order Codes (USOCs), data set types, and the associated reference guides.

1.02 This section is reissued to include current data set models and recent service offering. Since extensive changes have been made, change arrows have been omitted.

1.03 Three types of cross-references are included: an alphabetical USOC listing, a numerical listing of data set codes, and a USOC list for incremental charges.

1.04 The alphabetical USOC list in Table A gives the data set type used for a particular USOC and the appropriate reference guide. The intent of this list is to provide interested personnel (plant, engineering, etc) with a means of identifying the applicable data set type and the reference guide where details pertaining to the service can be found.

1.05 The numerical lists (Tables B through L), give the data set type, a brief description of the service offerings, general features, and the reference guide. The intent of these lists is to furnish a rapid means of determining the appropriate reference guide when either the data set or service offering is known.

1.06 The symbols ++ and 00 are used throughout this section to indicate the USOC suffix. If customer option decisions must be made, the suffix designation will be ++, indicating the suffix may be a two-digit number between 01 and 63. If no customer options are available for the data service ordered, the suffix designation will appear as 00.

2. USE OF TABLES

2.01 Table A lists alphabetically by USOC, data set types, and the associated reference guides. The reference guides contain a description of the

service which includes the identification of suitable data sets.

2.02 Tables B through M should be used when either the data set or the service offering is known. These tables list (from left to right) USOC, service offering, the data set, general features, and the reference guide for the data set. Specific titles are listed below:

- Table B—100 Series Data Sets—Serial/Sequential Operation Up to 300 Bits/Second
- Table C—200 Series Data Sets—Serial Sequential Operation
- Table D—200 Series Data Sets Multi-level/AM-VSB
- Table E—400 Series Data Sets—Parallel Operation—Up to 20 Characters/Second
- Table F—400 Series Data Sets—Parallel Operation—Up to 75 Characters/Second
- Table G—400 Series Data Sets—Parallel Operation—Up to 10 Characters/Second (Receive Only)
- Table H—500 Series Data Service Units
- Table I—600 Series Data Sets—For Operation With Customer-Provided Telewriting Devices
- Table J—600 Series Data Sets—For Operation With Customer-Provided Facsimile Devices
- Table K—600 Series Data Sets—For Electrocardiograph Equipment
- Table L—800 Series Automatic Calling Units
- Table M—1000 Series Data Couplers.

3. INCREMENTAL CHARGES

3.01 There are several USOC designations assigned that pertain to "incremental charges" (difference in tariffs for certain features or options

SECTION 590-000-102

that are normally part of a standard offering but have an additional charge in some operating companies). The USOC manual should be closely examined to ascertain that the correct USOC is used in these areas to prevent incorrect billing.

3.02 Table N lists the USOC and associated data set series that relate to incremental charges which *are not* listed in the alphabetical list of USOC designations.

3.03 The following information (Table N) gives the USOC and the feature or option that pertains to the incremental charge:

- (a) 22Q—Arrangement for remote motor control including visual busy indication and restoral of line to normal condition.
- (b) DRX—Arrangement for unattended feature.
- (c) APX—Arrangement for alternate revert to voice.
- (d) DH8—Arrangement for simultaneous reverse signaling—may also be used with 400 and 600 series sets when rate is the same.
- (e) DXC—Arrangement for voice answer-back on sending only set.

- (f) DZC—Arrangement for voice answer-back on receiving only set.
- (g) D2L—Arrangement for simultaneous reverse signaling on sending or receiving set.
- (h) DYS—Arrangement for simultaneous reverse signaling on receiving set.
- (i) D2N—Arrangement for simultaneous reverse signaling on combined sending and receiving set.
- (j) DPD—Arrangement for unattended operation on sending, receiving, or combined sending and receiving sets.

4. REFERENCES

4.01 The following Bell System Practices contain information pertaining to USOC coding and data set features and options.

SECTION	TITLE
590-000-100	Implementation of Data Services Interdepartmental Coordination
590-000-101	Description of Data Set Features and Options

ALPHABETICAL LISTING OF UNIFORM SERVICE
ORDER CODES (USOC)

TABLE A

USOC	DATA SET TYPE	REFERENCE GUIDE
CBS++	1001A	590-000-111
CBT++	1001B & D	-000-112
CDT++	1000A	-000-110
DAC00	401E	-004-100
DAO++	103H	-001-106
DAS00	401E	-004-100
DAV++	403D	-004-106
DAW++	202E	-002-104
DAX++	403E	-004-106
DAY++	801A	-008-100
DAZ++	801C	-008-101
DBA++	403D	-004-106
DBE00	202E	-002-104
DBF00	401E	-004-100
DBH00	601A	-006-100
DBK++	401L	-004-107
DBM00	401E	-004-100
DBN++	401L	-004-107
DBP++	113A	-001-108
DBQ++	113A	-001-108
DBS00	601A	-006-100
DBY00	113A	-001-108
DBZ00	113A	-001-108
DCB++	403E	-004-106
DCC++	403E	-004-106
DCQ++	603B	-006-103
DCS++	403E	-004-106
DCZ00	603D	-006-102
DDA++	403E	-004-106
DDO++	103H	-001-106
DDQ++	500A	-005-100
DDR00	401H	-004-102
DDS++	403E	-004-106
DDV00	401H	-004-102
DDW++	500A	-005-100
DDX++	500A	-005-100
DDY++	500A	-005-100
DEA++	602C	-006-101
DEC++	602C	-006-101
DEE+	203B	-002-107
DEF++	203C	-002-107
DEG++	203A	-002-107
DEH++	203B	-002-107
DEL++	203C	-002-107
DEN++	203A	-002-107

TABLE A (Cont)

USOC	DATA SET TYPE	REFERENCE GUIDE
DEO++	103H	590-001-106
DEQ++	—	-002-107
DES++	103G	-001-105
DEV++	—	-002-107
DEW++	203B	-002-107
DEX++	203C	-002-107
DFA++	403D	-004-106
DFC++	603D	-006-103
DFE++	203A	-002-107
DFH++	203B	-002-107
DFK++	203C	-002-107
DFL++	203A	-002-107
DFS++	201A	-002-100
DF3++	402D	-004-105
DGA00	601B	-006-100
DGC00	601B	-006-100
DGS++	201B	-002-100
DHA++	402C-402D	-004-104 & 105
DHM++	402C-402D	-004-104 & 105
DJA++	103G	-001-105
DKA++	603A	-006-102
DLA++	603A	-006-102
DLB++	801A	-008-100
DLC++	801C	-008-101
DMC++	401J	-004-100
DME++	401J	-004-100
DMW++	205C	-002-106
DNA++	201A	-002-100
DNS++	201B	-002-100
DOC++	103H	-001-106
DPC++	401J	-004-100
DPK++	401J	-004-100
DPW++	205B	-002-105
DP3++	103F	-001-104
DQC++	103A	-001-100
DQL++	103A	-001-100
DQW00	402D	-004-105
DRA++	202C	-002-102
DRC++	202C	-002-102
DRE++	202D	-002-103
DRF++	202C	-002-102
DRL++	202C	-002-102
DRM++	202D	-002-103
DSU00	401A	-004-100
DSV00	401J	-004-103

SECTION 590-000-102

TABLE A (Cont)

USOC	DATA SET TYPE	REFERENCE GUIDE
DTC++	103E	590-001-103
DUA++	402C	-004-104
DUC++	402C	-004-104
DUD++	202E	-002-104
DUE00	202E	-002-104
DUL00	202E	-002-104
DUS00	202E	-002-104
DVC++	602C	-006-101
DVL++	602C	-006-101
DVS++	108	-001-107
DWC00	202E	-002-104
DWQ00	202E	-002-104
DWU00	402A	-004-104
DXB++	103G	-001-105
DXM++	103G	-001-105
DYA++	402D	-004-105
DYC++	402C	-004-104
DYL++	402C	-004-104
DYV++	103B	-001-101
D5C++	604A	-006-104
D5R++	604A	-006-104
D6C++	604B	-006-105
D6D++	604B	-006-105
GHA++	202R	-002-108
GHB++	202R	-002-108
GHC++	202R	-002-108
GHE++	202R	-002-108
GHF++	202R	-002-108
GHG++	202R	-002-108
G48++	208A	-002-110
KED++	—	-002-107
KEE++	—	-002-107
KEF++	—	-002-107

TABLE A (Cont)

USOC	DATA SET TYPE	REFERENCE GUIDE
KEH++	203B	590-002-107
KEN++	203C	-002-107
KEO++	203A	-002-107
KEW++	—	-002-107
KEY++	—	-002-107
KEZ++	—	-002-107
KFA++	203B	-002-107
KFB++	203C	-002-107
KFC++	203A	-002-107
KF1++	203B	-002-107
KF2++	203C	-002-107
KF3++	203A	-002-107
KSJGV	—	-002-107
LAA++	—	-001-109
LAB++	113B	-001-109
LAD00	—	-001-109
LAE00	—	-001-109
LAF00	—	-001-109
LAG00	—	-001-109
LAJ00	—	-001-109
LAK00	—	-001-109
LAL00	—	-001-109
LAN00	—	-001-109
MJJ++	—	-002-100
S48++	208B	-002-110
24V++	201C	-002-100
3EU++	—	-002-107
4QA++	—	-004-109
4QB++	—	-004-109
4RZ++	407A	-004-109
96T++	209A	-002-115
96X++	209A	-002-115

TABLE B

**100 SERIES – SERIAL/SEQUENTIAL OPERATION
UP TO 300 BITS PER SECOND**

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DQC++	For use with 3-row TTYs and COAM terminals at speeds up to 150 bps	103A		590-001-100
DQL++	For use with 4-row TTYs and COAM terminals	103A		590-001-100
DYV++	For use with private line only	103B (A & M)		590-001-101
DP3++	For use with 2-wire private line data service only	103F		590-001-104
DTC++	For multiple installation in cabinets	103E	Set without housing for COAM terminals in DP service	590-001-103
DES++	For single installations	103G (MD)	Rotary dial	590-001-105
DJA++	For single installations	103G (MD)	Touch-Tone® dial	590-001-105
DXB++	For single installations	103G (MD)	Rotary dial with card dialer	590-001-105
DXM++	For single installations	103G (MD)	Touch-Tone dial with card dialer	590-001-105
DOC++	For single installations – built into terminals or telco-provided Model 37 TTYs	103H (MD)	Rotary dial	590-001-106
DAO++	Same as DOC++	103H (MD)	Touch-Tone dial	590-001-106
DEO++	Same as DOC++	103H (MD)	Rotary dial with card dialer	590-001-106
DDO++	Same as DOC++	103H (MD)	Touch-Tone with card dialer	590-001-106
DVS++	For use with private line data only – 2-wire – 2-point only	108A (MD) 108C (MD) 108D 108E		590-001-107
DBZ00	300 bps – send and receive originate mode only	113A	Rotary dial	590-001-108

TABLE B (Cont)

**100 SERIES — SERIAL/SEQUENTIAL OPERATION
UP TO 300 BITS PER SECOND**

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DBY00	Same as DBZ00 except dial	113A	Touch-Tone dial	590-001-108
DBP++	Same as DBZ00 — additional capabilities of data lamp — CD lead control	113A	Rotary dial	590-001-108
DBQ++	Same as DBZ00 except dial — additional capabilities of data lamp — CD lead control	113A	Touch-Tone dial	590-001-108
*LAB++	300 bps — send and receive — answer mode only for multiple installation	113B	2-wire DDD	590-001-109
*LAA++	Common equipment for up to 20 DS 113B	‡	32A data mounting	590-001-109
*LAL00	Cabinet for up to 20 DS 113B	‡	KS-20018-L4	590-001-109
†LAN00	Cabinet for up to 120 DS 113B	‡	KS-20093-L1	590-001-109
†LAD00	20 make-busy buttons — rotary dial — surface mounted	‡	DAS 804T-L1/2	590-001-109
†LAF00	Same as LAD00 except flush mounted	‡	DAS 804T-L1	590-001-109
†LAE00	20 make-busy buttons — Touch-Tone dial — surface mounted	‡	DAS 804T-L1A/3	590-001-109
†LAG00	Same as LAE00 except flush mounted	‡	DAS 804T-L1A	590-001-109
†LAJ00	Expands DAS 804T-type to handle 40 DS 113B	‡	Two 652D4 keys	590-001-109
†LAK00	Expands DAS 804T-type to handle 60 DS 113B	‡	Two 652D4 keys	590-001-109

* Must be ordered jointly to provide basic service.

† May be ordered in addition to the basic service offering to provide extended service.

‡ Used with 113B data station.

TABLE C

200 SERIES – SERIAL/SEQUENTIAL/OPERATION

USOC	SERVICE OFFING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DFS++	2000 bps – send and receive with internal timing using clock in data set	201A	Requires DAS 804A for switched network or DAS 828A-L1/2 for alternate voice on private line	590-002-100
DNA++	2000 bps – send and receive with external timing using clock in customer-provided equipment	201A	Requires DAS 804A for switched network or DAS 828A-L1/2 for alternate voice on private line	590-002-100
DGS++	2400 bps – send and receive with internal timing using data set clock – private line only	201B 201C	Requires DAS 804A or DAS 828A-L1/2 for alternate voice	590-002-100
DNS++	2400 bps – send and receive with external timing using customer-provided clock – private line only	201B 201C	Requires DAS 804A or DAS 828A-L1/2 for alternate voice	590-002-100
24V++	2400 bps – send and receive – switched network	201C	Requires 565HK or 2565HK tel set for alternate voice	590-002-100
DRA++	Up to 1200 bps – send and receive/also used on private line at speeds up to 1800 bps	202C	Rotary dial	590-002-101
DRF++	Up to 1200 bps – send and receive/also used on private line at speeds up to 1800 bps	202C	Rotary dial and reverse channel	590-002-101
DRC++	Up to 1200 bps – send and receive/also used on private line at speeds up to 1800 bps	202C	Touch-Tone dial	590-002-101
DRL++	Up to 1200 bps – send and receive/also used on private line at speeds up to 1800 bps	202C	Touch-Tone and reverse channel	590-002-101
DRE++	Up to 1200 bps – send and receive/also used on private line at speeds up to 1800 bps	202D	W/O tel set	590-002-101

TABLE C (Cont)

USOC	SERVICE OFFING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DRM++	Up to 1200 bps — send and receive/also used on private line at speeds up to 1800 bps	202D	W/O tel set with reverse channel	590-002-101
DUD++	Up to 1200 bps send only — EIA interface	202E	Rotary dial	590-002-101
DUE00	Up to 1200 bps send only — with reverse channel	202E	Rotary dial	590-002-101
DUL00	Up to 1200 bps send only — with auto answer	202E	Rotary dial	590-002-101
DUS00	Up to 1200 bps send only — with reverse channel and auto answer	202E	Rotary dial	590-002-101
DAW++	Up to 600 bps send only — contact interface	202E	Touch-Tone dial	590-002-101
DBE00	Up to 1200 bps send only with auto answer	202E	Touch-Tone dial	590-002-101
DWC00	Up to 1200 bps send only with auto answer	202E	Touch-Tone dial	590-002-101
DWQ00	Up to 1200 bps send only with reverse channel and auto answer	202E	Touch-Tone dial	590-002-101
GHA++	Up to 1800 bps — send and receive — private line — single installation	202R	Requires external tel set for alternate voice	590-002-101
GHB++	Up to 1800 bps — send and receive — private line — multiple installation	202R	Requires external tel set for alternate voice	590-002-101
GHC++	Up to 1200 bps — send and receive — switched network service — single installation	202R	Rotary dial	590-002-101
GHE++	Same as GHC++ except dial	202R	Touch-Tone dial	590-002-101
GHF++	Up to 1200 bps — send and receive — switched network service — multiple installation	202R	Rotary dial	590-002-101

TABLE C (Cont)

USOC	SERVICE OFFING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
GHG++	Same as GHF++ except dial	202R	Touch-Tone dial	590-002-101
DPW++	600, 1200, or 2400 bps with manual transfer from one speed to another — for agencies of the Federal Government (private line only)	205B	4-wire private line — 6-sec holdover	590-002-105
DMW++	1200 or 2400 bps with transfer from one speed to another — for agencies of the Federal Government (private line only)	205C	4-wire private line or 4-wire switched 6-sec holdover	590-002-106
G48++	4800 bps — send and receive — private line	208A-L1(MD) 208A-L1A	Requires DAS 828A-L1/2 for alternate voice on 4-wire private line	590-002-110
S48++	4800 bps — send and receive — switched network	208B-L1	Requires 565HK tel set for alternate voice	590-002-110
96T++	Combined sending and receiving arrangement capable of transmitting and receiving customer signals in any multiple of 2400 bps and not exceeding 9600 bps	209A-L1	May be used only in connection with high performance data conditioning type D1(USOC-QHA)	590-002-115
96X++	Arrangement for connecting each 2400-bps or 4800-bps Dataphone data set at either the remote location or the 9600-bps Dataphone data set location	209A-L1		590-002-115

TABLE D

200 SERIES — MULTILEVEL/AM-VSB

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DEN++	Combined sending and receiving 1800, 3600, or 5400 bps	203A	2 or 4-wire private line	590-002-107
DFE++	2400, 4800, or 7200 bps	203A	4-wire private line	590-002-107
KF3++	2400, 4800, or 7200 bps	203A	2 or 4-wire private line	590-002-107
KEO++	3200, 6400, or 9600 bps	203A	4-wire private line	590-002-107
KFC++	3600, 7200, or 10,800 bps	203A	4-wire private line	590-002-107
DEG++	1800 or 3600 bps — sending and receiving — 150 bps secondary channel — auto answer	203A	Switched message network — rotary dial	590-002-107
DFL++	Same as DEG++ except dial	203A	Switched message network — Touch- Tone dial	590-002-107
KEF++	2400 or 4800 bps — sending and receiving — 150 bps secondary channel — auto answer	203A	Switched message network — rotary dial	590-002-107
KEZ++	Same as KEF++ except dial	203A	Switched message network — Touch- Tone dial	590-002-107
DEH++	Sending only — in sequence 1800, 3600, or 5400 bps — including simultaneous secon- dary channel signaling at rates up to 150 bps	203B	4-wire private line	590-002-107
DEW++	2400, 4800, or 7200 bps	203B	*4-wire private line	590-002-107
KF1++	2400, 4800, or 7200 bps	203B	4-wire private line	590-002-107
KEH++	3200, 6400, or 9600 bps	203B	*4-wire private line	590-002-107
KFA++	3600, 7200, or 10,800 bps	203B	*4-wire private line	590-002-107
DEE++	1800 or 3600 bps — sending only — 150 bps secondary channel — auto answer	203B	Switched message network — rotary dial	590-002-107

TABLE D (Cont)

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DFH++	Same as DEE++ except dial	203B	Switched message network — Touch Tone dial	590-002-107
KED++	2400 or 4800 bps — sending only — 150 bps secondary channel — auto answer	203B	Switched message network — rotary dial	590-002-107
KEW++	Same as KED++ except dial	203B	Switched message network — rotary dial	590-002-107
DEL++	Receiving only — in sequence 1800, 3600, or 5400 bps — including simultaneous secondary channel signaling at rates up to 150 bps	203C	4-wire private line	590-002-107
DEX++	2400, 4800, or 7200 bps	203C	*4-wire private line	590-002-107
KF2++	2400, 4800, or 7200 bps	203C	4-wire private line	590-002-107
KEN++	3200, 6400, or 9600 bps	203C	*4-wire private line	590-002-107
KFB++	3600, 7200, or 10,800 bps	203C	*4-wire private line	590-002-107
DEF++	1800 or 3600 bps receiving only — 150 bps secondary channel — auto answer	203C	Switched message network — rotary dial	590-002-107
DFK++	Same as DEF++ except dial	203C	Switched message network — Touch-Tone dial	590-002-107
KEE++	2400 or 4800 bps receiving only — 150 bps secondary channel — auto answer	203C	Switched message network — rotary dial	590-002-107
KEY++	Same as KEE++ except dial	203C	Switched message network — Touch Tone dial	590-002-107
DEQ++	Arrangement for 150 bps secondary channel	203A	†	590-002-107
3EU++	Arrangement for independent retraining of high-speed transmitter-receiver pairs	203A	†	590-002-107

TABLE D (Cont)

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DEV++	Arrangement for auto answer compatibility with automatic calling and alternate voice capability	203-type	†	590-002-107
KSJGV	Arrangement for Military Standard Interface	203-type	†	590-002-107
MJJ++	Arrangement for multiple — access interface	203-type	†	590-002-107

* 2-wire private line facilities available for broadcast-type networks (secondary channel not used)

† Can be ordered in addition to one of the basic speed options to provide extended service.

TABLE E

**400 SERIES – PARALLEL OPERATION
UP TO 20 CHARACTERS/SECOND**

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DSU00	Send only numeric	401A (MD) 401M	Rotary dial – 2 signals	590-004-100
DSV00	Receive only numeric	*401B (MD) *401F (MD)	2 signals	590-004-103
DAC00	Send only – alphanumeric with tone answer-back	401E (MD) 401M	Rotary dial – 3 signals	590-004-100
DAS00	(Same as DAC00 except dial)	401E (MD) 401M	Touch-Tone dial – 3 signals	590-004-100
DFB00	Send only – alphanumeric with voice answer-back	401E (MD) 401M	Rotary dial – 3 signals	590-004-100
DBM00	(Same as DFB00 except dial)	401E (MD) 401M	Touch-Tone dial – 3 signals	590-004-100
DDR00	Send only – alphanumeric with unattended answer for use with customer- provided telemetry equipment	401H	3 signals	590-004-100
DDV00	(Same as DDR00 except with electrical answer-back re- ceiver at 30 baud)	401H	3 signals	590-004-100
DPC++	Receive only – alphanumeric with tone answer-back	401J	Rotary dial – 3 signals	590-004-100
DPK++	(Same as DPC++ except dial)	401J	Touch-Tone dial – 3 signals	590-004-100
DMC++	Receive only alphanumeric with voice answer-back	401J	Rotary dial – 3 signals	590-004-100
DME++	(Same as DMC++ except dial)	401J	Touch-Tone dial – 3 signals	590-004-100
DBK++	Send only – alphanumeric	401L	One number auto calling	590-004-107
DBN++	Send only – alphanumeric with answer-back receiver	401L	One number auto calling	590-004-107

* Recommended 401J

TABLE F

**400 SERIES – PARALLEL OPERATION
UP TO 75 CHARACTERS/SECOND**

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DWU00	Send only attended operation only	402A	—	590-004-104
DUA++	Send only	402C	Rotary dial	590-004-104
DUC++	(Same as DUA++ except dial)	402C	Touch-Tone dial	590-004-104
*DYC++	Send only with reverse signaling	402C	Rotary dial	590-004-104
*DYL++	(Same as DYC++ except dial)	402C	Touch-Tone dial	590-004-104
DQW00	Receive only attended operation only	†402B	—	590-004-105
DYA++	‡ Receive only	402D	W/O reverse channel	590-004-105
DF3++	‡ Receive only with simultaneous reverse signaling	402D	—	590-004-105
DHA++	§ Combined send and receive	402C 402D	Rotary dial	590-004-104 590-004-105
DHM++	§ Combined send and receive	402C 402D	Touch-Tone dial	590-004-104 590-004-105

* In those companies where the unattended feature is an additional tariff charged, DYC becomes DWB and DYL becomes DWS when unattended.

† Recommended 402D.

‡ DYA and DF3 can be provided with Touch-Tone — indicated in USOC for class of service (use Touch-Tone DAS 804).

§ Customer options, telco options, and usable data sets are the same as DUA (402C) and DYA (402D) for DHA and DUC (402C) and DYA (402D) for DHM.

TABLE G

**400 SERIES – PARALLEL OPERATION
UP TO 10 CHARACTERS/SECOND
(RECEIVE ONLY)**

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DAX++	Receive only	403A	Without 5A1 data unit	590-004-106
DDA++	Receive only — 2 receivers	403A	With 5A1 data unit	590-004-106
DDS++	Receive only — 2 receivers	403A	Without 5A1 data unit	590-004-106
DFA++	Receive only — with code conversion — for multiple installation	403D	Contact closure interface	590-004-106
DBA++	(Same as DFA++)	403D	Binary coded matrix interface	590-004-106
DAV++	(Same as DFA++)	403D	ASCII interface	590-004-106
DCB++	Receive only — with code conversion for single installations	403E	Contact closure interface	590-004-106
DCC++	(Same as DCB++)	403E	Binary coded matrix interface	590-004-106
DCS++	(Same as DCB++)	403E	ASCII interface	590-004-106
4RZ++	Receive only	*407A	2-wire Touch-Tone signal	590-004-109
4QA00	Data mounting for maximum of eight DS 407A-type and provides local and remote test features	*	Contains 101A power unit, 46A1 data unit, 47A1 data unit	590-004-109
4QB00	(Same as 4QA00 except does not contain test unit)	†	Contains 101A power unit	590-004-109

* Must be ordered jointly to provide basic service.

† Can be ordered in addition to the basic service offering to provide extended service.

TABLE H

500 SERIES DATA SERVICE UNITS

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DDQ++	2.4 kb/s send and receive	500A-L1/2	4-wire private line	590-005-100
DDW++	4.8 kb/s send and receive	500A-L1/3	4-wire private line	590-005-100
DDX++	9.6 kb/s send and receive	500A-L1/4	4-wire private line	590-005-100
DDY++	56 kb/s send and receive	500A-L1/5	4-wire private line	590-005-100

TABLE I

600 SERIES
FOR OPERATION WITH CUSTOMER-PROVIDED TELEWRITING DEVICES

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DBH00	Electrowriter	601A	Rotary dial	590-006-100
DBS00	Electrowriter	601A	Touch-Tone dial	590-006-100
DGA00	Phonewriter	601B	Rotary dial	590-006-100
DGC00	Phonewriter	601B	Touch-Tone dial	590-006-100

TABLE J

600 SERIES
FOR OPERATION WITH CUSTOMER-PROVIDED FACSIMILE DEVICES

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DEA++	Send and receive	602C	Rotary dial	590-006-101
DEC++	Send and receive	602C	Touch-Tone dial	590-006-101
DVC++	Send and receive with simultaneous reverse signaling	602C	Rotary dial	590-006-101
DVL++	(Same as DVC++ except dial)	602C	Touch-Tone dial	590-006-101

TABLE K
600 SERIES
FOR ELECTROCARDIOGRAPH EQUIPMENT

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DKA++	Sending with reverse channel	603A	Rotary dial	590-006-102
DLA++	(Same as DKA++ except dial)	603A	Touch-Tone dial	590-006-102
DCQ++	Receiving	603B	Rotary dial	590-006-103
DFC++	Receiving	603B	Touch-Tone dial	590-006-103
DCZ00	Portable — acoustic coupler	603D	—	590-006-102
D5C++	Send only for use with EEG and EKG medical sets	604A	Rotary dial with reverse channel (3-channel)	590-006-104
D5R++	(Same as D5C++ except dial)	604A	Touch-Tone dial with 3-channel analog transmitter	590-006-104
D6C++	Receive only compatible with D5C above	604B	Rotary dial with reverse channel (3-channel)	590-006-105
D6D++	(Same as D6C++ except dial)	604B	Touch-Tone dial with 3-channel analog receiver	590-006-105

TABLE L
800 SERIES AUTOMATIC CALLING UNITS

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
DAY++	Without answer-tone detection	801A	Rotary dial	590-008-100
DLB++	With answer-tone detection	801A	Rotary dial	590-008-100
DAZ++	Without answer-tone detection	801C	Touch-Tone	590-008-101
DLC++	With answer-tone and dial tone detection	801C	Touch-Tone	590-008-101

TABLE M
1000 SERIES DATA COUPLERS

USOC	SERVICE OFFERING	DATA SET TYPE	REMARKS	REFERENCE GUIDE
CDT00	Provides data access arrangement with associated tel set — manual operation	1000A		590-000-110
CBS++	Provides both data access arrangement and network signaling unit — unattended operation	1001A 1001F	EIA voltage	590-000-111
CBT++	Same as CBS++	1001B 1001D	Contact interface	590-000-112

TABLE N
INCREMENTAL CHARGES

USOC	ASSOCIATED DATA SET
22Q	100 Series
DRX	100 Series
APX	100 Series
DH8	200 Series
DXC	400 Series
DZC	400 Series
D2L	400 Series
DYS	400 Series
D2N	400 Series
DPD	400 Series