

INTERNATIONAL STANDARD

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1993-05-01

AMENDMENT 16
1998-11-01

Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 1:

Architecture and Basic Multilingual Plane

AMENDMENT 16: Braille patterns

*Technologies de l'information — Jeu universel de caractères codés à
plusieurs octets —*

Partie 1: Architecture et table multilingue

AMENDEMENT 16: Modèles en Braille



Reference number
ISO/IEC 10646-1:1993/Amd.16:1998(E)

Foreword

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Amendment 16 to ISO/IEC 10646-1:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 2, *Coded character sets*.

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Information technology — Universal Multiple-Octet Coded Character Set (UCS) —

Part 1:

Architecture and Basic Multilingual Plane AMENDMENT 16: Braille Patterns

Page 11, Clause 19

In the list of Block names, after the entry DINGBATS, insert a new entry as follows:

BRaille PATTERNS 2800-28FF

Page 15, Clause 25, Figure 4 (see Amendment 5)

In Figure 4 (see Amendment 5), after row 27, insert a new row 28 containing the words:

Braille Patterns

centred on a white background, retaining a cross-hatched unnumbered row between itself and row 30.

After page 113

Add the following new tables titled:

Table 233 - Row 28: BRaille PATTERNS

Table 234 - Row 28: BRaille PATTERNS

TABLE 233 - Row 28: BRAILLE PATTERNS

	280	281	282	283	284	285	286	287
0	000	016	032	048	064	080	096	112
1	001	017	033	049	065	081	097	113
2	002	018	034	050	066	082	098	114
3	003	019	035	051	067	083	099	115
4	004	020	036	052	068	084	100	116
5	005	021	037	053	069	085	101	117
6	006	022	038	054	070	086	102	118
7	007	023	039	055	071	087	103	119
8	008	024	040	056	072	088	104	120
9	009	025	041	057	073	089	105	121
A	010	026	042	058	074	090	106	122
B	011	027	043	059	075	091	107	123
C	012	028	044	060	076	092	108	124
D	013	029	045	061	077	093	109	125
E	014	030	046	062	078	094	110	126
F	015	031	047	063	079	095	111	127

G = 00
P = 00

TABLE 233 - Row 28: BRAILLE PATTERNS

dec	hex	Name	dec	hex	Name
000	00	BRAILLE PATTERN BLANK	089	59	BRAILLE PATTERN DOTS-1457
001	01	BRAILLE PATTERN DOTS-1	090	5A	BRAILLE PATTERN DOTS-2457
002	02	BRAILLE PATTERN DOTS-2	091	5B	BRAILLE PATTERN DOTS-12457
003	03	BRAILLE PATTERN DOTS-12	092	5C	BRAILLE PATTERN DOTS-3457
004	04	BRAILLE PATTERN DOTS-3	093	5D	BRAILLE PATTERN DOTS-13457
005	05	BRAILLE PATTERN DOTS-13	094	5E	BRAILLE PATTERN DOTS-23457
006	06	BRAILLE PATTERN DOTS-23	095	5F	BRAILLE PATTERN DOTS-123457
007	07	BRAILLE PATTERN DOTS-123	096	60	BRAILLE PATTERN DOTS-67
008	08	BRAILLE PATTERN DOTS-4	097	61	BRAILLE PATTERN DOTS-167
009	09	BRAILLE PATTERN DOTS-14	098	62	BRAILLE PATTERN DOTS-267
010	0A	BRAILLE PATTERN DOTS-24	099	63	BRAILLE PATTERN DOTS-1267
011	0B	BRAILLE PATTERN DOTS-124	100	64	BRAILLE PATTERN DOTS-367
012	0C	BRAILLE PATTERN DOTS-34	101	65	BRAILLE PATTERN DOTS-1367
013	0D	BRAILLE PATTERN DOTS-134	102	66	BRAILLE PATTERN DOTS-2367
014	0E	BRAILLE PATTERN DOTS-234	103	67	BRAILLE PATTERN DOTS-12367
015	0F	BRAILLE PATTERN DOTS-1234	104	68	BRAILLE PATTERN DOTS-467
016	10	BRAILLE PATTERN DOTS-5	105	69	BRAILLE PATTERN DOTS-1467
017	11	BRAILLE PATTERN DOTS-15	106	6A	BRAILLE PATTERN DOTS-2467
018	12	BRAILLE PATTERN DOTS-25	107	6B	BRAILLE PATTERN DOTS-12467
019	13	BRAILLE PATTERN DOTS-125	108	6C	BRAILLE PATTERN DOTS-3467
020	14	BRAILLE PATTERN DOTS-35	109	6D	BRAILLE PATTERN DOTS-13467
021	15	BRAILLE PATTERN DOTS-135	110	6E	BRAILLE PATTERN DOTS-23467
022	16	BRAILLE PATTERN DOTS-235	111	6F	BRAILLE PATTERN DOTS-123467
023	17	BRAILLE PATTERN DOTS-1235	112	70	BRAILLE PATTERN DOTS-567
024	18	BRAILLE PATTERN DOTS-45	113	71	BRAILLE PATTERN DOTS-1567
025	19	BRAILLE PATTERN DOTS-145	114	72	BRAILLE PATTERN DOTS-2567
026	1A	BRAILLE PATTERN DOTS-245	115	73	BRAILLE PATTERN DOTS-12567
027	1B	BRAILLE PATTERN DOTS-1245	116	74	BRAILLE PATTERN DOTS-3567
028	1C	BRAILLE PATTERN DOTS-345	117	75	BRAILLE PATTERN DOTS-13567
029	1D	BRAILLE PATTERN DOTS-1345	118	76	BRAILLE PATTERN DOTS-23567
030	1E	BRAILLE PATTERN DOTS-2345	119	77	BRAILLE PATTERN DOTS-123567
031	1F	BRAILLE PATTERN DOTS-12345	120	78	BRAILLE PATTERN DOTS-4567
032	20	BRAILLE PATTERN DOTS-6	121	79	BRAILLE PATTERN DOTS-14567
033	21	BRAILLE PATTERN DOTS-16	122	7A	BRAILLE PATTERN DOTS-24567
034	22	BRAILLE PATTERN DOTS-26	123	7B	BRAILLE PATTERN DOTS-124567
035	23	BRAILLE PATTERN DOTS-126	124	7C	BRAILLE PATTERN DOTS-34567
036	24	BRAILLE PATTERN DOTS-36	125	7D	BRAILLE PATTERN DOTS-134567
037	25	BRAILLE PATTERN DOTS-136	126	7E	BRAILLE PATTERN DOTS-234567
038	26	BRAILLE PATTERN DOTS-236	127	7F	BRAILLE PATTERN DOTS-1234567
039	27	BRAILLE PATTERN DOTS-1236			
040	28	BRAILLE PATTERN DOTS-46			
041	29	BRAILLE PATTERN DOTS-146			
042	2A	BRAILLE PATTERN DOTS-246			
043	2B	BRAILLE PATTERN DOTS-1246			
044	2C	BRAILLE PATTERN DOTS-346			
045	2D	BRAILLE PATTERN DOTS-1346			
046	2E	BRAILLE PATTERN DOTS-2346			
047	2F	BRAILLE PATTERN DOTS-12346			
048	30	BRAILLE PATTERN DOTS-56			
049	31	BRAILLE PATTERN DOTS-156			
050	32	BRAILLE PATTERN DOTS-256			
051	33	BRAILLE PATTERN DOTS-1256			
052	34	BRAILLE PATTERN DOTS-356			
053	35	BRAILLE PATTERN DOTS-1356			
054	36	BRAILLE PATTERN DOTS-2356			
055	37	BRAILLE PATTERN DOTS-12356			
056	38	BRAILLE PATTERN DOTS-456			
057	39	BRAILLE PATTERN DOTS-1456			
058	3A	BRAILLE PATTERN DOTS-2456			
059	3B	BRAILLE PATTERN DOTS-12456			
060	3C	BRAILLE PATTERN DOTS-3456			
061	3D	BRAILLE PATTERN DOTS-13456			
062	3E	BRAILLE PATTERN DOTS-23456			
063	3F	BRAILLE PATTERN DOTS-123456			
064	40	BRAILLE PATTERN DOTS-7			
065	41	BRAILLE PATTERN DOTS-17			
066	42	BRAILLE PATTERN DOTS-27			
067	43	BRAILLE PATTERN DOTS-127			
068	44	BRAILLE PATTERN DOTS-37			
069	45	BRAILLE PATTERN DOTS-137			
070	46	BRAILLE PATTERN DOTS-237			
071	47	BRAILLE PATTERN DOTS-1237			
072	48	BRAILLE PATTERN DOTS-47			
073	49	BRAILLE PATTERN DOTS-147			
074	4A	BRAILLE PATTERN DOTS-247			
075	4B	BRAILLE PATTERN DOTS-1247			
076	4C	BRAILLE PATTERN DOTS-347			
077	4D	BRAILLE PATTERN DOTS-1347			
078	4E	BRAILLE PATTERN DOTS-2347			
079	4F	BRAILLE PATTERN DOTS-12347			
080	50	BRAILLE PATTERN DOTS-57			
081	51	BRAILLE PATTERN DOTS-157			
082	52	BRAILLE PATTERN DOTS-257			
083	53	BRAILLE PATTERN DOTS-1257			
084	54	BRAILLE PATTERN DOTS-357			
085	55	BRAILLE PATTERN DOTS-1357			
086	56	BRAILLE PATTERN DOTS-2357			
087	57	BRAILLE PATTERN DOTS-12357			
088	58	BRAILLE PATTERN DOTS-457			

Group 00

Plane 00

Row 28

TABLE 234 - Row 28: BRAILLE PATTERNS

	288	289	28A	28B	28C	28D	28E	28F
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 00

TABLE 234 - Row 28: BRAILLE PATTERNS

dec	hex	Name	dec	hex	Name
128	80	BRaille PATTERN DOTS-8	217	D9	BRaille PATTERN DOTS-14578
129	81	BRaille PATTERN DOTS-18	218	DA	BRaille PATTERN DOTS-24578
130	82	BRaille PATTERN DOTS-28	219	DB	BRaille PATTERN DOTS-124578
131	83	BRaille PATTERN DOTS-128	220	DC	BRaille PATTERN DOTS-34578
132	84	BRaille PATTERN DOTS-38	221	DD	BRaille PATTERN DOTS-134578
133	85	BRaille PATTERN DOTS-138	222	DE	BRaille PATTERN DOTS-234578
134	86	BRaille PATTERN DOTS-238	223	DF	BRaille PATTERN DOTS-1234578
135	87	BRaille PATTERN DOTS-1238	224	E0	BRaille PATTERN DOTS-678
136	88	BRaille PATTERN DOTS-48	225	E1	BRaille PATTERN DOTS-1678
137	89	BRaille PATTERN DOTS-148	226	E2	BRaille PATTERN DOTS-2678
138	8A	BRaille PATTERN DOTS-248	227	E3	BRaille PATTERN DOTS-12678
139	8B	BRaille PATTERN DOTS-1248	228	E4	BRaille PATTERN DOTS-3678
140	8C	BRaille PATTERN DOTS-348	229	E5	BRaille PATTERN DOTS-13678
141	8D	BRaille PATTERN DOTS-1348	230	E6	BRaille PATTERN DOTS-23678
142	8E	BRaille PATTERN DOTS-2348	231	E7	BRaille PATTERN DOTS-123678
143	8F	BRaille PATTERN DOTS-12348	232	E8	BRaille PATTERN DOTS-4678
144	90	BRaille PATTERN DOTS-58	233	E9	BRaille PATTERN DOTS-14678
145	91	BRaille PATTERN DOTS-158	234	EA	BRaille PATTERN DOTS-24678
146	92	BRaille PATTERN DOTS-258	235	EB	BRaille PATTERN DOTS-124678
147	93	BRaille PATTERN DOTS-1258	236	EC	BRaille PATTERN DOTS-34678
148	94	BRaille PATTERN DOTS-358	237	ED	BRaille PATTERN DOTS-134678
149	95	BRaille PATTERN DOTS-1358	238	EE	BRaille PATTERN DOTS-234678
150	96	BRaille PATTERN DOTS-2358	239	EF	BRaille PATTERN DOTS-1234678
151	97	BRaille PATTERN DOTS-12358	240	F0	BRaille PATTERN DOTS-5678
152	98	BRaille PATTERN DOTS-458	241	F1	BRaille PATTERN DOTS-15678
153	99	BRaille PATTERN DOTS-1458	242	F2	BRaille PATTERN DOTS-25678
154	9A	BRaille PATTERN DOTS-2458	243	F3	BRaille PATTERN DOTS-125678
155	9B	BRaille PATTERN DOTS-12458	244	F4	BRaille PATTERN DOTS-35678
156	9C	BRaille PATTERN DOTS-3458	245	F5	BRaille PATTERN DOTS-135678
157	9D	BRaille PATTERN DOTS-13458	246	F6	BRaille PATTERN DOTS-235678
158	9E	BRaille PATTERN DOTS-23458	247	F7	BRaille PATTERN DOTS-1235678
159	9F	BRaille PATTERN DOTS-123458	248	F8	BRaille PATTERN DOTS-45678
160	A0	BRaille PATTERN DOTS-68	249	F9	BRaille PATTERN DOTS-145678
161	A1	BRaille PATTERN DOTS-168	250	FA	BRaille PATTERN DOTS-245678
162	A2	BRaille PATTERN DOTS-268	251	FB	BRaille PATTERN DOTS-1245678
163	A3	BRaille PATTERN DOTS-1268	252	FC	BRaille PATTERN DOTS-345678
164	A4	BRaille PATTERN DOTS-368	253	FD	BRaille PATTERN DOTS-1345678
165	A5	BRaille PATTERN DOTS-1368	254	FE	BRaille PATTERN DOTS-2345678
166	A6	BRaille PATTERN DOTS-2368	255	FF	BRaille PATTERN DOTS-12345678
167	A7	BRaille PATTERN DOTS-12368			
168	A8	BRaille PATTERN DOTS-468			
169	A9	BRaille PATTERN DOTS-1468			
170	AA	BRaille PATTERN DOTS-2468			
171	AB	BRaille PATTERN DOTS-12468			
172	AC	BRaille PATTERN DOTS-3468			
173	AD	BRaille PATTERN DOTS-13468			
174	AE	BRaille PATTERN DOTS-23468			
175	AF	BRaille PATTERN DOTS-123468			
176	B0	BRaille PATTERN DOTS-568			
177	B1	BRaille PATTERN DOTS-1568			
178	B2	BRaille PATTERN DOTS-2568			
179	B3	BRaille PATTERN DOTS-12568			
180	B4	BRaille PATTERN DOTS-3568			
181	B5	BRaille PATTERN DOTS-13568			
182	B6	BRaille PATTERN DOTS-23568			
183	B7	BRaille PATTERN DOTS-123568			
184	B8	BRaille PATTERN DOTS-4568			
185	B9	BRaille PATTERN DOTS-14568			
186	BA	BRaille PATTERN DOTS-24568			
187	BB	BRaille PATTERN DOTS-124568			
188	BC	BRaille PATTERN DOTS-34568			
189	BD	BRaille PATTERN DOTS-134568			
190	BE	BRaille PATTERN DOTS-234568			
191	BF	BRaille PATTERN DOTS-1234568			
192	C0	BRaille PATTERN DOTS-78			
193	C1	BRaille PATTERN DOTS-178			
194	C2	BRaille PATTERN DOTS-278			
195	C3	BRaille PATTERN DOTS-1278			
196	C4	BRaille PATTERN DOTS-378			
197	C5	BRaille PATTERN DOTS-1378			
198	C6	BRaille PATTERN DOTS-2378			
199	C7	BRaille PATTERN DOTS-12378			
200	C8	BRaille PATTERN DOTS-478			
201	C9	BRaille PATTERN DOTS-1478			
202	CA	BRaille PATTERN DOTS-2478			
203	CB	BRaille PATTERN DOTS-12478			
204	CC	BRaille PATTERN DOTS-3478			
205	CD	BRaille PATTERN DOTS-13478			
206	CE	BRaille PATTERN DOTS-23478			
207	CF	BRaille PATTERN DOTS-123478			
208	D0	BRaille PATTERN DOTS-578			
209	D1	BRaille PATTERN DOTS-1578			
210	D2	BRaille PATTERN DOTS-2578			
211	D3	BRaille PATTERN DOTS-12578			
212	D4	BRaille PATTERN DOTS-3578			
213	D5	BRaille PATTERN DOTS-13578			
214	D6	BRaille PATTERN DOTS-23578			
215	D7	BRaille PATTERN DOTS-123578			
216	D8	BRaille PATTERN DOTS-4578			

Group 00

Plane 00

Row 28

Page 700, Annex A

In the list of collection numbers and names, insert a new line after 75 CHEROKEE (see Amendment 12) as follows:

80 BRAILLE PATTERNS 2800-28FF

Page 716, Annex E

After the entry 255E BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE insert new entries, as shown below:

2800 BRAILLE PATTERN BLANK
 2801 BRAILLE PATTERN DOTS-1
 2803 BRAILLE PATTERN DOTS-12
 2807 BRAILLE PATTERN DOTS-123
 280F BRAILLE PATTERN DOTS-1234
 281F BRAILLE PATTERN DOTS-12345
 283F BRAILLE PATTERN DOTS-123456
 287F BRAILLE PATTERN DOTS-1234567
 28FF BRAILLE PATTERN DOTS-12345678
 28BF BRAILLE PATTERN DOTS-1234568
 285F BRAILLE PATTERN DOTS-123457
 28DF BRAILLE PATTERN DOTS-1234578
 289F BRAILLE PATTERN DOTS-123458
 282F BRAILLE PATTERN DOTS-12346
 286F BRAILLE PATTERN DOTS-123467
 28EF BRAILLE PATTERN DOTS-1234678
 28AF BRAILLE PATTERN DOTS-123468
 284F BRAILLE PATTERN DOTS-12347
 28CF BRAILLE PATTERN DOTS-123478
 288F BRAILLE PATTERN DOTS-12348
 2817 BRAILLE PATTERN DOTS-1235
 2837 BRAILLE PATTERN DOTS-12356
 2877 BRAILLE PATTERN DOTS-123567
 28F7 BRAILLE PATTERN DOTS-1235678
 28B7 BRAILLE PATTERN DOTS-123568
 2857 BRAILLE PATTERN DOTS-12357
 28D7 BRAILLE PATTERN DOTS-123578
 2897 BRAILLE PATTERN DOTS-12358
 2827 BRAILLE PATTERN DOTS-1236
 2867 BRAILLE PATTERN DOTS-12367
 28E7 BRAILLE PATTERN DOTS-123678
 28A7 BRAILLE PATTERN DOTS-12368
 2847 BRAILLE PATTERN DOTS-1237
 28C7 BRAILLE PATTERN DOTS-12378
 2887 BRAILLE PATTERN DOTS-1238
 280B BRAILLE PATTERN DOTS-124
 281B BRAILLE PATTERN DOTS-1245
 283B BRAILLE PATTERN DOTS-12456
 287B BRAILLE PATTERN DOTS-124567
 28FB BRAILLE PATTERN DOTS-1245678
 28BB BRAILLE PATTERN DOTS-124568
 285B BRAILLE PATTERN DOTS-12457
 28DB BRAILLE PATTERN DOTS-124578
 289B BRAILLE PATTERN DOTS-12458
 282B BRAILLE PATTERN DOTS-1246
 286B BRAILLE PATTERN DOTS-12467
 28EB BRAILLE PATTERN DOTS-124678
 28AB BRAILLE PATTERN DOTS-12468
 284B BRAILLE PATTERN DOTS-1247
 28CB BRAILLE PATTERN DOTS-12478
 288B BRAILLE PATTERN DOTS-1248
 2813 BRAILLE PATTERN DOTS-125
 2833 BRAILLE PATTERN DOTS-1256
 2873 BRAILLE PATTERN DOTS-12567
 28F3 BRAILLE PATTERN DOTS-125678
 28B3 BRAILLE PATTERN DOTS-12568
 2853 BRAILLE PATTERN DOTS-1257
 28D3 BRAILLE PATTERN DOTS-12578
 2893 BRAILLE PATTERN DOTS-1258
 2823 BRAILLE PATTERN DOTS-126
 2863 BRAILLE PATTERN DOTS-1267
 28E3 BRAILLE PATTERN DOTS-12678
 28A3 BRAILLE PATTERN DOTS-1268
 2843 BRAILLE PATTERN DOTS-127
 28C3 BRAILLE PATTERN DOTS-1278

2883 BRAILLE PATTERN DOTS-128
 2805 BRAILLE PATTERN DOTS-13
 280D BRAILLE PATTERN DOTS-134
 281D BRAILLE PATTERN DOTS-1345
 283D BRAILLE PATTERN DOTS-13456
 287D BRAILLE PATTERN DOTS-134567
 28FD BRAILLE PATTERN DOTS-1345678
 28BD BRAILLE PATTERN DOTS-134568
 285D BRAILLE PATTERN DOTS-13457
 28DD BRAILLE PATTERN DOTS-134578
 289D BRAILLE PATTERN DOTS-13458
 282D BRAILLE PATTERN DOTS-1346
 286D BRAILLE PATTERN DOTS-13467
 28ED BRAILLE PATTERN DOTS-134678
 28AD BRAILLE PATTERN DOTS-13468
 284D BRAILLE PATTERN DOTS-1347
 28CD BRAILLE PATTERN DOTS-13478
 288D BRAILLE PATTERN DOTS-1348
 2815 BRAILLE PATTERN DOTS-135
 2835 BRAILLE PATTERN DOTS-1356
 2875 BRAILLE PATTERN DOTS-13567
 28F5 BRAILLE PATTERN DOTS-135678
 28B5 BRAILLE PATTERN DOTS-13568
 2855 BRAILLE PATTERN DOTS-1357
 28D5 BRAILLE PATTERN DOTS-13578
 2895 BRAILLE PATTERN DOTS-1358
 2825 BRAILLE PATTERN DOTS-136
 2865 BRAILLE PATTERN DOTS-1367
 28E5 BRAILLE PATTERN DOTS-13678
 28A5 BRAILLE PATTERN DOTS-1368
 2845 BRAILLE PATTERN DOTS-137
 28C5 BRAILLE PATTERN DOTS-1378
 2885 BRAILLE PATTERN DOTS-138
 2809 BRAILLE PATTERN DOTS-14
 2819 BRAILLE PATTERN DOTS-145
 2839 BRAILLE PATTERN DOTS-1456
 2879 BRAILLE PATTERN DOTS-14567
 28F9 BRAILLE PATTERN DOTS-145678
 28B9 BRAILLE PATTERN DOTS-14568
 2859 BRAILLE PATTERN DOTS-1457
 28D9 BRAILLE PATTERN DOTS-14578
 2899 BRAILLE PATTERN DOTS-1458
 2829 BRAILLE PATTERN DOTS-146
 2869 BRAILLE PATTERN DOTS-1467
 28E9 BRAILLE PATTERN DOTS-14678
 28A9 BRAILLE PATTERN DOTS-1468
 2849 BRAILLE PATTERN DOTS-147
 28C9 BRAILLE PATTERN DOTS-1478
 2889 BRAILLE PATTERN DOTS-148
 2811 BRAILLE PATTERN DOTS-15
 2831 BRAILLE PATTERN DOTS-156
 2871 BRAILLE PATTERN DOTS-1567
 28F1 BRAILLE PATTERN DOTS-15678
 28B1 BRAILLE PATTERN DOTS-1568
 2851 BRAILLE PATTERN DOTS-157
 28D1 BRAILLE PATTERN DOTS-1578
 2891 BRAILLE PATTERN DOTS-158
 2821 BRAILLE PATTERN DOTS-16
 2861 BRAILLE PATTERN DOTS-167
 28E1 BRAILLE PATTERN DOTS-1678
 28A1 BRAILLE PATTERN DOTS-168
 2841 BRAILLE PATTERN DOTS-17
 28C1 BRAILLE PATTERN DOTS-178
 2881 BRAILLE PATTERN DOTS-18
 2802 BRAILLE PATTERN DOTS-2
 2806 BRAILLE PATTERN DOTS-23
 281E BRAILLE PATTERN DOTS-234
 280E BRAILLE PATTERN DOTS-2345
 283E BRAILLE PATTERN DOTS-23456
 287E BRAILLE PATTERN DOTS-234567
 28FE BRAILLE PATTERN DOTS-2345678
 28BE BRAILLE PATTERN DOTS-234568
 285E BRAILLE PATTERN DOTS-23457
 28DE BRAILLE PATTERN DOTS-234578
 289E BRAILLE PATTERN DOTS-23458
 282E BRAILLE PATTERN DOTS-2346
 286E BRAILLE PATTERN DOTS-23467
 28EE BRAILLE PATTERN DOTS-234678
 28AE BRAILLE PATTERN DOTS-23468
 284E BRAILLE PATTERN DOTS-2347
 28CE BRAILLE PATTERN DOTS-23478
 288E BRAILLE PATTERN DOTS-2348
 2816 BRAILLE PATTERN DOTS-235
 2836 BRAILLE PATTERN DOTS-2356
 2876 BRAILLE PATTERN DOTS-23567