

## ANNEX I/ANNEXE I

REARRANGEMENT PROJECTS APPROVED BY THE WORKING GROUP/  
PROJETS DE RÉAMÉNAGEMENT APPROUVÉS PAR LE GROUPE DE TRAVAIL

Under each project number and subclass symbol, the main groups of the respective subclass are displayed in the order of the approved standardized sequence./

Sous chaque numéro de projet et symbole de sous-classe figurent les groupes principaux de cette sous-classe selon l'ordre de la séquence normalisée approuvée.

Chemical Field/Domaine de la chimieR006

A01H	17/00	5/00	7/00	9/00	11/00	13/00	15/00	4/00	1/00	3/00
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R011

A01N	1/00	3/00	25/32	25/00	65/00	63/00	61/00	59/00	57/00	55/00
	53/00	51/00	49/00	47/00	45/00	43/00	41/00	39/00	37/00	35/00
	31/00	29/00	27/00							

R028

B01D	59/00	57/00	1/00	3/00	8/00	5/00	7/00	9/00	11/00	71/00
	69/00	67/00	65/00	61/00	63/00	41/00	46/00	36/00	25/00	33/00
	24/00	29/00	37/00	35/00	39/00	19/00	12/00	15/00	21/00	43/00
	50/00	45/00	47/00	49/00	53/00	51/00				

R064

C03B	40/00	37/00	20/00	23/00	33/00	31/00	29/00	27/00	25/00	32/00
	21/00	15/00	17/00	9/00	18/00	11/00	13/00	19/00	8/00	7/00
	3/00	1/00	35/00							

R065

C03C	29/00	27/00	25/00	21/00	15/00	17/00	19/00	23/00	14/00	13/00
	12/00	11/00	10/00	8/00	6/00	4/00	3/00	1/00		

R066

C04B	37/00	38/00	41/00	5/00	35/00	33/00	40/00	30/00	28/00	26/00
	32/00	24/00	22/00	20/00	18/00	16/00	14/00	11/00	9/00	7/00
	2/00									

R073

C06C	7/00	9/00	5/00	15/00
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R074

C06D	7/00	5/00	3/00
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R075

C06F 5/00 3/00 1/00

R083

C07K 19/00 17/00 16/00 14/00 11/00 9/00 7/00 5/00 4/00 2/00  
1/00

R084

C07M to be deleted

R085

C08B 16/00 1/00 9/00 13/00 7/00 3/00 5/00 11/00 15/00 17/00  
33/00 35/00 31/00 30/00 37/00

R086

C08C 19/00 1/00 2/00 3/00 4/00

R087

C08F 299/00 297/00 295/00 293/00 292/00 291/00 290/00 287/00 285/00 283/00  
281/00 279/00 277/00 275/00 273/00 271/00 269/00 267/00 265/00 263/00 261/00  
259/00 257/00 255/00 253/00 251/00 289/00 246/00 244/00 242/00 240/00 238/00  
236/00 234/00 232/00 230/00 228/00 226/00 224/00 222/00 220/00 218/00 216/00  
214/00 212/00 210/00 138/00 136/00 134/00 132/00 130/00 128/00 126/00 124/00  
122/00 120/00 118/00 116/00 114/00 112/00 110/00 38/00 36/00 34/00 32/00  
30/00 28/00 26/00 24/00 22/00 20/00 18/00 16/00 14/00 12/00 10/00  
8/00 6/00 2/00 4/00

R088

C08G 18/00 81/00 2/00 4/00 14/00 12/00 10/00 8/00 6/00 16/00  
59/00 79/00 77/00 75/00 71/00 69/00 65/00 64/00 63/00 73/00 67/00  
61/00 83/00 85/00

R090

C08J 11/00 9/00 7/00 5/00 3/00

R092

C08L 17/00 7/00 13/00 15/00 19/00 21/00 53/00 51/00 49/00 11/00  
9/00 47/00 43/00 41/00 39/00 37/00 45/00 35/00 33/00 31/00 29/00  
27/00 25/00 23/00 55/00 57/00 59/00 61/00 63/00 65/00 67/00 69/00  
71/00 73/00 75/00 77/00 79/00 81/00 83/00 85/00 87/00 3/00 1/00  
5/00 89/00 91/00 93/00 95/00 97/00 99/00 101/00

R093

C09B 69/00 67/00 65/00 63/00 62/00 61/00 56/00 55/00 53/00 51/00  
50/00 49/00 48/00 47/00 45/00 44/00 43/00 41/00 37/00 35/00 33/00  
31/00 29/00 39/00 27/00 46/00 26/00 25/00 23/00 21/00 19/00 17/00  
15/00 13/00 11/00 9/00 7/00 5/00 3/00 1/00 6/00 57/00 59/00

R095

C09D 5/00 10/00 9/00 11/00 13/00 15/00 4/00 117/00 107/00 113/00  
115/00 119/00 121/00 153/00 151/00 149/00 111/00 109/00 147/00 143/00 141/00  
139/00 137/00 145/00 135/00 133/00 131/00 129/00 127/00 125/00 123/00 155/00  
157/00 159/00 161/00 163/00 165/00 167/00 169/00 171/00 173/00 175/00 177/00  
179/00 181/00 183/00 185/00 187/00 103/00 101/00 105/00 189/00 191/00 193/00  
195/00 197/00 199/00 201/00 1/00 17/00 7/00

R099

C09J 7/00 9/00 4/00 117/00 107/00 113/00 115/00 119/00 121/00 153/00  
151/00 149/00 111/00 109/00 147/00 143/00 141/00 139/00 137/00 145/00 135/00  
133/00 131/00 129/00 127/00 125/00 123/00 155/00 157/00 159/00 161/00 163/00  
165/00 167/00 169/00 171/00 173/00 175/00 177/00 179/00 181/00 183/00 185/00  
187/00 103/00 101/00 105/00 189/00 191/00 193/00 195/00 197/00 199/00 201/00  
1/00 5/00 11/00

R100

C09K 5/00 7/00 9/00 11/00 13/00 15/00 17/00 19/00 21/00 3/00

R102

C10L 11/00 10/00 9/00 7/00 5/00 3/00 1/00

R103

C11B 9/00 5/00 15/00 7/00 3/00 13/00 1/00 11/00

R104

C11C 5/00 3/00 1/00

R105

C11D 19/00 17/00 10/00 11/00 9/00 1/00 3/00 7/00 15/00 13/00

R116

C12R Indexing scheme, no rearrangement

R124

C13K 3/00 7/00 5/00 11/00 1/00 13/00

R127

C25D 2/00 1/00 15/00 11/00 13/00 5/00 7/00 3/00 9/00 21/00  
19/00 17/00

R323

A21D 17/00 15/00 13/00 10/00 2/00 4/00 8/00 6/00

R326

A23B 5/00 4/00 9/00 7/00

R327

A23C 3/00 17/00 15/00 20/00 19/00 13/00 21/00 11/00 9/00 23/00  
1/00 7/00

R328

A23D 7/00 9/00

R329

A23F 3/00 5/00

R330

A23G 4/00 9/00 3/00 1/00 7/00

R331

A23J 3/00 1/00 7/00

R332

A23K 1/00 3/00

R333

A23L 1/00 2/00 3/00

R336

A24B 13/00 1/00 3/00 15/00 9/00 5/00 7/00 11/00

R375

A62D 9/00 3/00 1/00 5/00 7/00

R376

B01B 1/00

R377

B01F 17/00 3/00 1/00 13/00 11/00 9/00 7/00 5/00 15/00

R378

B01J 49/00 47/00 45/00 43/00 41/00 39/00 31/00 29/00 27/00 25/00  
21/00 23/00 38/00 37/00 35/00 33/00 32/00 20/00 6/00 3/00 13/00  
2/00 8/00 12/00 10/00 15/00 14/00 16/00 7/00 19/00 4/00

R379

B01L 1/00 7/00 5/00 3/00 9/00 11/00

R382

B03B 1/00 13/00 7/00 9/00 4/00 5/00 11/00

R383

B03C 9/00 1/00 3/00 5/00 7/00

R384

B03D 1/00 3/00 101/00 103/00

R388

B09B 3/00 1/00 5/00

R389

B09C 1/00

R511

C10B 39/00 55/00 53/00 51/00 49/00 47/00 37/00 43/00 17/00 19/00  
21/00 23/00 1/00 7/00 13/00 9/00 11/00 3/00 5/00 15/00 41/00  
27/00 35/00 31/00 33/00 25/00 29/00 45/00 57/00

R512

C10C 5/00 3/00 1/00

R513

C10F 5/00 7/00

R514

C10H 13/00 9/00 7/00 5/00 3/00 1/00 11/00 15/00 17/00 19/00  
21/00

R515

C10J 1/00 3/00

R516

C10K 3/00 1/00

R517

C10M 177/00 175/00 173/00 171/00 169/00 167/00 165/00 163/00 161/00 159/00  
157/00 153/00 151/00 149/00 147/00 145/00 143/00 155/00 141/00 137/00 135/00  
133/00 131/00 129/00 127/00 139/00 125/00 123/00 121/00 119/00 117/00 115/00  
113/00 111/00 107/00 105/00 103/00 101/00 109/00

R518

C10N Indexing, no rearrangement

R519

C14B 21/00 15/00 9/00 7/00 3/00 11/00 13/00 5/00 19/00 1/00  
17/00

R520

C14C 13/00 9/00 11/00 5/00 7/00 1/00 3/00 15/00

R521

C21B 13/00 5/00 11/00 15/00 3/00 7/00 9/00

R522

C21C 5/00 3/00 1/00 7/00

R523

C21D 11/00 3/00 8/00 7/00 9/00 5/00 6/00 1/00 10/00

R524

C22B 60/00 59/00 58/00 47/00 43/00 41/00 35/00 34/00 30/00 26/00  
25/00 23/00 21/00 19/00 17/00 15/00 13/00 11/00 61/00 7/00 4/00  
3/00 1/00 5/00 9/00

R525

C22C 3/00 49/00 47/00 43/00 26/00 45/00 29/00 35/00 37/00 38/00  
33/00 32/00 7/00 9/00 11/00 13/00 14/00 16/00 18/00 20/00 21/00  
22/00 23/00 25/00 5/00 12/00 19/00 24/00 27/00

R526

C22F 3/00 1/00

R527

C22K To be deleted

R528

C23C 28/00 14/00 16/00 20/00 18/00 12/00 8/00 10/00 22/00 6/00  
4/00 2/00 24/00 26/00 30/00

R529

C23D 15/00 17/00 13/00 11/00 3/00 7/00 5/00 9/00 1/00

R530

C23F 17/00 3/00 1/00 4/00 13/00 11/00 14/00 15/00

R531

C23G 1/00 5/00 3/00

R533

D01C 5/00 3/00 1/00

R535

D01F 13/00 11/00 8/00 2/00 4/00 6/00 9/00 1/00

R557

D06L 3/00 1/00

R558

D06N 1/00 5/00 3/00 7/00

R561

D21B 1/00

R562

D21C 11/00 9/00 3/00 5/00 7/00 1/00

R566

D21H 19/00 15/00 13/00 11/00 27/00 21/00 17/00 23/00 25/00

R633

A01P 3/00 5/00 7/00 9/00 11/00 13/00 1/00 15/00 17/00 19/00  
21/00 23/00

Electrical Field/Domaine de l'électricité

R224

G01B 11/00 9/00 15/00 13/00 17/00 7/00 5/00 3/00 21/00 1/00

R225

G01C 13/00 23/00 19/00 17/00 22/00 11/00 3/00 5/00 9/00 1/00  
7/00 15/00 21/00 25/00

R226

G01D 18/00 4/00 3/00 1/00 5/00 9/00 15/00 7/00 13/00 11/00  
21/00

R228

G01G 17/00 11/00 13/00 15/00 19/00 5/00 3/00 1/00 7/00 9/00  
21/00 23/00

R229

G01H 13/00 15/00 5/00 7/00 9/00 11/00 1/00 3/00 17/00

R230

G01J 11/00 4/00 7/00 3/00 9/00 5/00 1/00

R231

G01K 19/00 17/00 15/00 3/00 13/00 7/00 9/00 5/00 11/00 1/00

R232

G01L 27/00 21/00 23/00 17/00 13/00 15/00 9/00 7/00 11/00 19/00  
25/00 5/00 3/00 1/00

R233

G01M 11/00 1/00 3/00 9/00 10/00 5/00 7/00 13/00 15/00 17/00  
19/00

R234

G01N 17/00 15/00 13/00 11/00 9/00 3/00 5/00 7/00 19/00 24/00  
22/00 21/00 23/00 25/00 27/00 29/00 30/00 31/00 33/00 35/00 1/00  
37/00

R235

G01P 21/00 7/00 15/00 11/00 5/00 9/00 3/00 13/00 1/00

R236

G01R 35/00 31/00 33/00 11/00 9/00 7/00 5/00 13/00 1/00 17/00  
21/00 22/00 19/00 23/00 25/00 27/00 29/00 15/00 3/00

R237

G01S 15/00 17/00 13/00 7/00 11/00 5/00 1/00 3/00



R238

G01T 5/00 3/00 1/00 7/00

R239

G01V 11/00 5/00 1/00 8/00 3/00 7/00 9/00 15/00 13/00

R240

G01W 1/00

R241

G02B 6/00 21/00 23/00 26/00 17/00 27/00 13/00 15/00 9/00 11/00  
25/00 19/00 3/00 5/00 1/00 7/00

R243

G02F 7/00 3/00 2/00 1/00

R244

G04B 49/00 45/00 47/00 9/00 7/00 5/00 3/00 11/00 27/00 25/00  
23/00 21/00 19/00 15/00 18/00 17/00 35/00 33/00 1/00 13/00 31/00  
41/00 43/00 29/00 37/00 39/00

R245

G04C 11/00 13/00 23/00 9/00 19/00 17/00 21/00 1/00 15/00 3/00  
5/00 10/00

R248

G04G 7/00 5/00 11/00 13/00 15/00 9/00 3/00 19/00 17/00 1/00

R249

G06C 1/00 21/00 17/00 3/00 29/00 27/00 15/00 19/00 13/00 7/00  
11/00 9/00 23/00 25/00 5/00

R252

G06F 21/00 11/00 9/00 17/00 19/00 15/00 7/00 12/00 5/00 3/00  
13/00 1/00

R253

G06G 5/00 7/00 1/00 3/00

R254

G06J 3/00 1/00

R255

G06K 17/00 9/00 11/00 3/00 15/00 5/00 7/00 1/00 13/00 19/00  
21/00

R257

G06N 3/00 5/00 7/00 1/00

R258

G06T 17/00 15/00 13/00 11/00 3/00 5/00 7/00 9/00 1/00

R259

G07B 17/00 15/00 13/00 1/00 3/00 11/00 5/00 9/00 7/00

R260

G07C 9/00 5/00 3/00 7/00 1/00 15/00 13/00 11/00

R261

G07D 13/00 7/00 5/00 11/00 3/00 1/00 9/00

R262

G07F 19/00 17/00 15/00 13/00 11/00 7/00 5/00 1/00 9/00

R263

G07G 3/00 1/00 5/00

R264

G08B 15/00 29/00 19/00 31/00 27/00 26/00 25/00 13/00 17/00 21/00  
23/00 9/00 7/00 6/00 5/00 3/00 1/00

R265

G08C 25/00 13/00 15/00 21/00 23/00 17/00 19/00

R266

G08G 7/00 1/00 3/00 5/00 9/00

R267

G09B 21/00 9/00 11/00 13/00 15/00 17/00 7/00 5/00 3/00 1/00  
23/00 25/00 27/00 29/00 19/00

R268

G09C 3/00 1/00 5/00

R269

G09D 1/00 3/00

R270

G09F 27/00 25/00 21/00 23/00 9/00 11/00 13/00 1/00 17/00 3/00  
7/00 15/00 5/00 19/00

R271

G09G 1/00 3/00 5/00

IPC/WG/10/3  
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R280

G12B 21/00 13/00 15/00 7/00 1/00 5/00 3/00 11/00 17/00 9/00

R281

G21B 3/00 1/00

R290

H01C 10/00 11/00 3/00 8/00 7/00 13/00 1/00 17/00

R291

H01F 36/00 38/00 21/00 29/00 19/00 30/00 17/00 37/00 27/00 6/00  
10/00 7/00 5/00 3/00 1/00 13/00 41/00

R293

H01H 89/00 43/00 33/00 31/00 39/00 29/00 85/00 87/00 83/00 81/00  
79/00 75/00 73/00 77/00 71/00 67/00 63/00 61/00 53/00 57/00 59/00  
55/00 51/00 50/00 47/00 45/00 37/00 36/00 35/00 41/00 27/00 25/00  
23/00 19/00 21/00 17/00 15/00 13/00 7/00 5/00 3/00 1/00 9/00  
69/00 65/00 49/00 11/00

R294

H01J 65/00 61/00 63/00 41/00 47/00 45/00 43/00 49/00 40/00 33/00  
37/00 25/00 23/00 27/00 35/00 31/00 29/00 21/00 19/00 11/00 13/00  
15/00 17/00 3/00 1/00 5/00 7/00 9/00

R296

H01L 25/00 27/00 51/00 39/00 47/00 35/00 37/00 41/00 43/00 45/00  
33/00 31/00 29/00 49/00 23/00 21/00

R297

H01M 16/00 12/00 8/00 10/00 6/00 14/00 4/00 2/00

R299

H01Q 3/00 5/00 25/00 21/00 17/00 19/00 13/00 7/00 9/00 11/00  
23/00 15/00 1/00

R301

H01S 5/00 3/00 1/00 4/00

R302

H01T 15/00 2/00 13/00 4/00 9/00 11/00 7/00 14/00 1/00 21/00  
23/00 19/00

R303

H02B 7/00 5/00 11/00 13/00 15/00 1/00 3/00

R304

H02G 13/00 5/00 11/00 7/00 9/00 3/00 15/00 1/00

IPC/WG/10/3  
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R305

H02H 7/00 6/00 5/00 11/00 9/00 3/00 1/00

R306

H02J 13/00 17/00 3/00 1/00 5/00 4/00 7/00 9/00 11/00 15/00

R307

H02K 7/00 55/00 16/00 44/00 47/00 51/00 49/00 29/00 24/00 41/00  
33/00 35/00 39/00 37/00 21/00 19/00 31/00 26/00 25/00 23/00 27/00  
17/00 53/00 57/00 13/00 11/00 1/00 3/00 9/00 5/00 15/00

R308

H02M 9/00 5/00 3/00 7/00 11/00 1/00

R309

H02N 2/00 1/00 3/00 6/00 10/00 11/00 13/00 15/00

R310

H02P 21/00 17/00 8/00 6/00 1/00 3/00 11/00 5/00 4/00 25/00  
27/00 29/00 23/00 7/00 31/00 9/00 13/00 15/00

R311

H04B 17/00 15/00 10/00 11/00 7/00 5/00 3/00 13/00 14/00 1/00

R312

H04H 9/00 3/00 5/00 1/00 7/00

R313

H04J 14/00 9/00 7/00 13/00 11/00 4/00 3/00 1/00 15/00

R314

H04L 29/00 9/00 1/00 17/00 15/00 13/00 21/00 19/00 23/00 25/00  
27/00 5/00 12/00 7/00

R315

H05B 11/00 7/00 6/00 3/00 1/00 41/00 39/00 37/00 43/00 35/00  
33/00 31/00

R317

H05F 7/00 3/00 1/00

R318

H05G 1/00 2/00

R319

H05H 1/00 3/00 13/00 11/00 9/00 7/00 5/00 6/00 15/00

R320

H05K 11/00 10/00 1/00 9/00 5/00 7/00 3/00 13/00

R605

G03B 43/00 42/00 31/00 39/00 37/00 35/00 33/00 41/00 29/00 27/00  
15/00 19/00 13/00 7/00 9/00 11/00 17/00 21/00 25/00 23/00 1/00  
3/00 5/00

R606

G03C 9/00 8/00 7/00 5/00 11/00 3/00 1/00

R607

G03D 11/00 7/00 9/00 3/00 5/00 13/00 15/00 17/00

R608

G03F 3/00 1/00 5/00 7/00 9/00

R609

G03G 19/00 16/00 17/00 15/00 13/00 21/00 5/00 7/00 8/00 9/00  
11/00

R610

G03H 1/00 3/00 5/00

R611

G05B 19/00 23/00 13/00 11/00 15/00 17/00 21/00 24/00 7/00 9/00  
5/00 6/00 1/00

R612

G05D 29/00 27/00 25/00 1/00 3/00 5/00 11/00 24/00 21/00 22/00  
23/00

R613

G05F 7/00 5/00 1/00 3/00

R614

G05G 21/00 19/00 15/00 17/00 13/00 9/00 11/00 7/00 5/00 23/00  
3/00 1/00 25/00

R615

G11B 31/00 13/00 11/00 7/00 5/00 3/00 9/00 15/00 19/00 17/00  
20/00 21/00 25/00 23/00 27/00 33/00

R616

G11C 29/00 14/00 15/00 16/00 17/00 19/00 21/00 11/00 25/00 23/00  
13/00 27/00 5/00 7/00 8/00

R617

H03B 27/00 25/00 23/00 29/00 19/00 21/00 17/00 15/00 13/00 9/00  
7/00 5/00 11/00 28/00 1/00

R618

H03C 7/00 5/00 3/00 1/00

R619

H03D 11/00 9/00 7/00 5/00 3/00 1/00 13/00

R620

H03F 11/00 9/00 7/00 19/00 17/00 15/00 13/00 5/00 3/00 1/00  
21/00

R621

H03G 9/00 5/00 3/00 11/00 7/00 1/00

R622

H03H 21/00 19/00 17/00 15/00 11/00 9/00 7/00 5/00 3/00 2/00  
1/00

R623

H03J 9/00 7/00 5/00 3/00 1/00

R624

H03K 11/00 9/00 7/00 6/00 5/00 29/00 25/00 23/00 27/00 21/00  
12/00 4/00 3/00 19/00 17/00

R625

H03L 7/00 5/00 1/00 3/00

R626

H03M 13/00 9/00 7/00 5/00 11/00 3/00 1/00

R627

H04K 3/00 1/00

R628

H04M 17/00 15/00 11/00 3/00 5/00 7/00 9/00 1/00 13/00 19/00

R629

H04N 1/00 17/00 15/00 13/00 11/00 9/00 7/00 3/00 5/00

R630

H04Q 9/00 11/00 7/00 5/00 3/00 1/00

R631

H04R 29/00 25/00 27/00 5/00 21/00 19/00 17/00 15/00 13/00 11/00  
9/00 23/00 3/00 7/00 1/00 31/00

R632

H04S 7/00 5/00 3/00 1/00

R633

A01P 3/00 5/00 7/00 9/00 11/00 13/00 1/00 15/00 17/00 19/00  
21/00 23/00

Mechanical Field/Domaine de la mécanique

R001

A01B	79/00	47/00	41/00	45/00	39/00	49/00	77/00	7/00	13/00	17/00
11/00	9/00	5/00	3/00	15/00	25/00	33/00	21/00	19/00	23/00	43/00
37/00	27/00	29/00	31/00	1/00	35/00	61/00	67/00	71/00	63/00	59/00
73/00	69/00	51/00	75/00							

R002

A01C	1/00	11/00	9/00	13/00	7/00	3/00	21/00	17/00	23/00	15/00
19/00	5/00									

R003

A01D	91/00	44/00	27/00	29/00	25/00	21/00	19/00	17/00	15/00	13/00
31/00	23/00	33/00	46/00	51/00	45/00	41/00	37/00	39/00	43/00	42/00
34/00	47/00	63/00	65/00	61/00	57/00	69/00	67/00	59/00	75/00	76/00
78/00	80/00	82/00	84/00	90/00	87/00	89/00	85/00	7/00	9/00	1/00
3/00	5/00	11/00	101/00							

R004

A01F	29/00	3/00	11/00	9/00	7/00	5/00	12/00	15/00	13/00	1/00
21/00	17/00	19/00	25/00							

R005

A01G	15/00	11/00	5/00	33/00	31/00	9/00	16/00	17/00	23/00	1/00
3/00	13/00	29/00	27/00	25/00	7/00					

R008

A01K	59/00	47/00	51/00	49/00	53/00	57/00	55/00	43/00	41/00	31/00
39/00	35/00	37/00	33/00	45/00	80/00	81/00	73/00	71/00	74/00	69/00
75/00	77/00	79/00	85/00	83/00	89/00	87/00	93/00	95/00	91/00	65/00
97/00	61/00	63/00	14/00	21/00	1/00	9/00	19/00	5/00	7/00	17/00
11/00	13/00	25/00	15/00	3/00	27/00	23/00	29/00	67/00		

R010

A01M	17/00	5/00	1/00	3/00	23/00	27/00	15/00	19/00	13/00	11/00
9/00	7/00	25/00	29/00	31/00	21/00					

R016

A61L	33/00	17/00	27/00	29/00	26/00	15/00	24/00	28/00	31/00	12/00
9/00	11/00	2/00	101/00							

R020

A63B	69/00	24/00	21/00	22/00	23/00	17/00	1/00	3/00	4/00	5/00
6/00	7/00	9/00	15/00	19/00	25/00	26/00	27/00	29/00	35/00	31/00
33/00	47/00	43/00	37/00	39/00	41/00	45/00	49/00	51/00	59/00	61/00
53/00	55/00	57/00	63/00	65/00	67/00	71/00				



R021

A63C 19/00 5/00 9/00 7/00 11/00 1/00 3/00 17/00 13/00

R022

A63D 7/00 3/00 1/00 9/00 5/00 13/00 15/00

R023

A63F 13/00 1/00 3/00 5/00 7/00 9/00 11/00

R024

A63G 5/00 7/00 3/00 1/00 4/00 15/00 17/00 13/00 19/00 9/00  
11/00 29/00 27/00 23/00 21/00 25/00 33/00 31/00

R025

A63H 30/00 1/00 5/00 7/00 3/00 9/00 11/00 13/00 15/00 18/00  
19/00 21/00 23/00 25/00 27/00 17/00 29/00 31/00 33/00 37/00

R026

A63J 9/00 11/00 13/00 15/00 19/00 3/00 1/00 17/00 5/00 21/00  
7/00 23/00

R132

E01B 23/00 25/00 21/00 19/00 2/00 13/00 7/00 5/00 11/00 9/00  
3/00 1/00 15/00 17/00 26/00 35/00 33/00 31/00 29/00 27/00 37/00

R141

E03B 5/00 9/00 3/00 7/00 11/00 1/00

R142

E03C 1/00

R143

E03D 7/00 13/00 1/00 11/00 5/00 3/00 9/00

R144

E03F 1/00 3/00 5/00 9/00 7/00 11/00

R148

E04F 10/00 11/00 17/00 15/00 13/00 19/00 21/00

R149

E04G 23/00 1/00 3/00 7/00 5/00 19/00 11/00 15/00 13/00 9/00  
17/00 27/00 25/00 21/00

R150

E04H 14/00 9/00 7/00 12/00 13/00 6/00 5/00 3/00 1/00 4/00  
15/00 17/00

R151

E05B	75/00	69/00	71/00	73/00	65/00	45/00	39/00	41/00	43/00	49/00
	47/00	51/00	53/00	37/00	35/00	67/00	63/00	59/00	55/00	57/00
	33/00	31/00	29/00	27/00	25/00	23/00	21/00	13/00	11/00	19/00
	7/00	3/00	1/00	9/00	17/00	15/00				5/00

R152

E05C	21/00	7/00	9/00	5/00	3/00	1/00	17/00	19/00		
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R153

E05D	15/00	13/00	7/00	11/00	3/00	1/00	9/00	5/00		
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R154

E05F	17/00	3/00	15/00	13/00	9/00	11/00	1/00	5/00	7/00	
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R155

E05G	1/00	7/00	5/00							
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R156

E06B	11/00	5/00	9/00	7/00	3/00	1/00				
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R157

E06C	5/00	9/00	1/00	7/00						
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R158

E21B	28/00	36/00	43/00	47/00	25/00	49/00	29/00	35/00	23/00	31/00
	21/00	37/00	40/00	34/00	33/00	7/00	44/00	45/00	4/00	6/00
	1/00	19/00	15/00	41/00	27/00	10/00	17/00	11/00	12/00	3/00

R159

E21C	51/00	50/00	49/00	45/00	41/00	37/00	39/00	47/00	25/00	27/00
	31/00	33/00	29/00	35/00						

R160

E21D	9/00	13/00	23/00	17/00	15/00	19/00	21/00	20/00	11/00	5/00
	1/00	3/00	7/00							

R161

E21F	9/00	5/00	11/00	3/00	7/00	1/00	13/00	15/00	16/00	17/00
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R162

F01M	5/00	13/00	1/00	3/00	7/00	9/00	11/00			
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R163

F04C	28/00	25/00	23/00	19/00	18/00	21/00	27/00	29/00	14/00	13/00
	11/00	3/00	5/00	7/00	2/00	9/00	15/00			

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R164

F15B	20/00	19/00	17/00	18/00	9/00	11/00	7/00	5/00	3/00	15/00
1/00	13/00	21/00								

R167

F16B	7/00	9/00	5/00	47/00	2/00	4/00	3/00	11/00	12/00	13/00
27/00	31/00	39/00	29/00	33/00	25/00	35/00	23/00	37/00	21/00	17/00
19/00	15/00	41/00	43/00	45/00	1/00					

R168

F16C	1/00	3/00	5/00	7/00	9/00	11/00	15/00	13/00	27/00	25/00
23/00	21/00	19/00	17/00	31/00	29/00	32/00	39/00	37/00	43/00	35/00
33/00	41/00									

R169

F16D	48/00	67/00	47/00	39/00	37/00	35/00	31/00	33/00	45/00	43/00
41/00	29/00	25/00	27/00	28/00	21/00	15/00	17/00	11/00	13/00	19/00
23/00	9/00	5/00	7/00	3/00	1/00	66/00	63/00	59/00	57/00	61/00
53/00	49/00	51/00	55/00	65/00	71/00	69/00				

R170

F16F	15/00	5/00	13/00	3/00	11/00	6/00	9/00	7/00	1/00	
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R171

F16G	5/00	7/00	1/00	3/00	9/00	11/00	17/00	13/00	15/00	
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R172

F16H	61/00	63/00	59/00	35/00	47/00	45/00	39/00	41/00	43/00	33/00
37/00	23/00	25/00	21/00	27/00	29/00	31/00	19/00	9/00	7/00	15/00
13/00	3/00	48/00	1/00	49/00	55/00	53/00	51/00	57/00		

R173

F16J	3/00	1/00	7/00	9/00	10/00	12/00	13/00	15/00		
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R174

F16K	17/00	24/00	23/00	15/00	11/00	21/00	7/00	5/00	3/00	1/00
13/00	35/00	37/00	49/00	47/00	29/00	43/00	33/00	31/00	39/00	25/00
41/00	27/00	51/00								

R175

F16L	59/00	1/00	57/00	58/00	51/00	53/00	47/00	49/00	35/00	33/00
31/00	37/00	27/00	29/00	39/00	41/00	43/00	17/00	19/00	15/00	13/00
21/00	23/00	25/00	7/00	45/00	11/00	9/00	3/00	5/00	55/00	

R176

F16M	9/00	3/00	1/00	5/00	7/00	11/00	13/00			
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R177

F16N 29/00 39/00 17/00 1/00 15/00 13/00 9/00 11/00 7/00 3/00  
5/00 25/00 27/00 23/00 31/00 21/00 19/00 33/00 37/00 35/00

R178

F16P 5/00 3/00 1/00 7/00

R179

F16S 1/00 3/00 5/00

R181

F21H 1/00 5/00 3/00

R182

F21K 2/00 5/00 7/00

R183

F21L 27/00 2/00 4/00 13/00 14/00 23/00 21/00 19/00 17/00

R187

F21S 19/00 10/00 4/00 9/00 6/00 8/00 2/00 11/00 13/00 15/00

R188

F21V 25/00 33/00 29/00 31/00 15/00 13/00 14/00 8/00 5/00 7/00  
9/00 1/00 3/00 11/00 19/00 23/00 27/00 17/00 21/00 36/00 35/00  
37/00

R190

F21Y Indexing subclass, no rearrangement.

R191

F22B 1/00 3/00 35/00 33/00 31/00 27/00 29/00 25/00 11/00 23/00  
19/00 15/00 17/00 21/00 13/00 9/00 7/00 5/00 37/00

R194

F23B 1/00 3/00 5/00 7/00

R195

F23C 6/00 1/00 15/00 10/00 13/00 3/00 9/00 5/00 7/00 99/00  
101/00

R196

F23D 23/00 17/00 1/00 11/00 9/00 7/00 3/00 5/00 14/00 21/00

R197

F23G 1/00 7/00 5/00

R198

F23H 11/00 7/00 9/00 5/00 3/00 1/00 13/00 15/00 17/00

R199

F23J 9/00 7/00 15/00 3/00 1/00 11/00 13/00

R200

F23K 1/00 3/00 5/00

R201

F23L 7/00 15/00 5/00 17/00 3/00 11/00 13/00 9/00 1/00

R203

F23M 11/00 7/00 9/00 3/00 5/00 13/00

R204

F23N 1/00 3/00 5/00

R205

F23R 7/00 5/00 3/00

R206

F24B 9/00 7/00 5/00 1/00 3/00 13/00 15/00

R207

F24C 14/00 13/00 11/00 1/00 7/00 5/00 3/00 9/00 15/00

R208

F24D 10/00 11/00 9/00 1/00 3/00 5/00 7/00 12/00 13/00 15/00  
17/00 19/00

R209

F24F 11/00 12/00 3/00 1/00 5/00 6/00 7/00 9/00 13/00

R210

F24H 8/00 7/00 6/00 4/00 1/00 3/00 9/00

R211

F24J 1/00 2/00 3/00

R212

F25B 27/00 29/00 30/00 25/00 21/00 9/00 3/00 11/00 7/00 5/00  
6/00 13/00 1/00 17/00 15/00 19/00 23/00 49/00 43/00 47/00 40/00  
31/00 41/00 35/00 33/00 37/00 39/00 45/00

R213

F25C 3/00 1/00 5/00

R214

F25D 16/00 11/00 13/00 15/00 9/00 5/00 7/00 1/00 3/00 31/00  
29/00 19/00 17/00 21/00 25/00 27/00 23/00

R215

F25J 3/00 1/00 5/00

R216

F26B 20/00 13/00 17/00 15/00 11/00 9/00 19/00 1/00 7/00 3/00  
5/00 21/00 23/00 25/00

R217

F27B 19/00 7/00 9/00 15/00 1/00 13/00 5/00 11/00 14/00 3/00  
17/00 21/00

R218

F27D 19/00 21/00 17/00 7/00 3/00 5/00 1/00 11/00 13/00 9/00  
15/00 23/00

R219

F28B 11/00 7/00 5/00 3/00 1/00 9/00

R221

F28D 19/00 17/00 20/00 15/00 13/00 11/00 9/00 7/00 5/00 3/00  
1/00 21/00

R222

F28F 19/00 17/00 11/00 27/00 23/00 9/00 5/00 3/00 1/00 21/00  
7/00 13/00 25/00

R223

F28G 13/00 11/00 9/00 7/00 5/00 3/00 1/00 15/00

R321

A21B 7/00 2/00 5/00 1/00 3/00

R322

A21C 1/00 3/00 5/00 7/00 11/00 9/00 13/00 15/00

R324

A22B 7/00 3/00 1/00 5/00

R325

A22C 11/00 13/00 18/00 5/00 9/00 7/00 15/00 17/00 21/00 29/00  
25/00

R334

A23N 17/00 1/00 4/00 3/00 5/00 7/00 11/00 12/00 15/00

R335

A23P 1/00

R337

A24C 3/00 1/00 5/00

R338

A24D 1/00 3/00

R339

A24F 11/00 3/00 1/00 5/00 7/00 9/00 13/00 25/00 15/00 23/00  
17/00 27/00 19/00 21/00 29/00 31/00 47/00

R340

A41B 1/00 3/00 7/00 5/00 17/00 11/00 9/00 13/00 15/00

R341

A41C 1/00 3/00 5/00

R342

A41D 17/00 20/00 19/00 13/00 31/00 15/00 5/00 3/00 7/00 10/00  
29/00 11/00 1/00 27/00 25/00 23/00

R343

A41F 1/00 18/00 3/00 5/00 7/00 9/00 11/00 13/00 15/00 17/00  
19/00

R344

A41G 1/00 5/00 3/00 7/00 11/00 9/00

R345

A41H 41/00 42/00 37/00 25/00 33/00 9/00 27/00 5/00 3/00 1/00  
21/00 11/00 15/00 19/00 17/00 23/00 31/00 43/00

R346

A42B 3/00 1/00 5/00 7/00

R347

A42C 1/00 2/00 3/00 5/00

R348

A43B 7/00 5/00 3/00 1/00 9/00 11/00 17/00 19/00 15/00 13/00  
21/00 23/00

R349

A43B 7/00 5/00 3/00 1/00 9/00 11/00 17/00 19/00 15/00 13/00  
21/00 23/00

R350

A43D	119/00	113/00	111/00	1/00	87/00	47/00	100/00	55/00	89/00	91/00
	93/00	95/00	63/00	85/00	97/00	59/00	53/00	27/00	33/00	39/00
	57/00	31/00	81/00	25/00	37/00	35/00	29/00	51/00	43/00	44/00
	61/00	79/00	75/00	69/00	71/00	83/00	86/00	9/00	8/00	17/00
	15/00	21/00	19/00	11/00	23/00	3/00	5/00	115/00	117/00	99/00

R351

A44C	19/00	13/00	1/00	5/00	7/00	9/00	11/00	17/00	15/00	3/00
	23/00	25/00	27/00	21/00						

R352

A45B	13/00	19/00	11/00	21/00	17/00	15/00	23/00	25/00	3/00	5/00
	1/00	7/00	9/00	27/00						

R353

A45C	9/00	15/00	7/00	5/00	1/00	3/00	11/00	13/00		
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R354

A45D	7/00	1/00	2/00	4/00	6/00	8/00	19/00	20/00	26/00	24/00
	27/00	31/00	29/00	33/00	34/00	37/00	40/00	42/00	44/00	

R355

A45F	4/00	3/00	5/00							
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R356

A46B	13/00	11/00	15/00	7/00	3/00	1/00	9/00	5/00	17/00	
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R357

A46D	1/00	3/00	5/00	7/00	9/00					
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R358

A47B	35/00	39/00	83/00	87/00	85/00	31/00	29/00	21/00	41/00	33/00
	25/00	23/00	27/00	19/00	17/00	37/00	11/00	9/00	1/00	5/00
	7/00	13/00	75/00	71/00	73/00	69/00	61/00	67/00	77/00	79/00
	65/00	81/00	49/00	43/00	46/00	45/00	51/00	53/00	57/00	47/00
	88/00	91/00	95/00	96/00	97/00					55/00

R359

A47C	13/00	1/00	12/00	9/00	4/00	3/00	5/00	11/00	15/00	7/00
	17/00	19/00	23/00	25/00	20/00	21/00	29/00	27/00	16/00	31/00

R360

A47D	11/00	1/00	5/00	3/00	9/00	7/00	13/00	15/00		
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R361

A47F	1/00	8/00	7/00	5/00	3/00	11/00	9/00	10/00	13/00	
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R362

A47G	9/00	11/00	5/00	1/00	7/00	3/00	19/00	21/00	23/00	33/00
	27/00	25/00	29/00	35/00						

R363

A47H	7/00	23/00	2/00	5/00	3/00	11/00	15/00	13/00	1/00	21/00
	19/00	27/00	33/00							

R364

A47J	42/00	31/00	29/00	33/00	37/00	27/00	36/00	44/00	23/00	25/00
	21/00	17/00	19/00	9/00	39/00	41/00	43/00	45/00	47/00	

R365

A47K	4/00	3/00	1/00	11/00	17/00	5/00	7/00	10/00	13/00	
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R366

A47L	7/00	5/00	9/00	11/00	1/00	15/00	17/00	21/00	23/00	4/00
	13/00	3/00	19/00	25/00						

R367

A61C	11/00	13/00	8/00	7/00	5/00	1/00	3/00	9/00	15/00	17/00
	19/00									

R368

A61D	19/00	9/00	11/00	17/00	5/00	15/00	7/00	1/00	3/00	13/00
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R369

A61F	4/00	2/00	3/00	5/00	6/00	7/00	9/00	11/00	17/00	13/00
	15/00									

R370

A61H	31/00	13/00	19/00	21/00	9/00	11/00	15/00	23/00	7/00	37/00
	5/00	39/00	1/00	36/00	35/00	33/00	3/00			

R371

A61M	36/00	1/00	27/00	5/00	15/00	16/00	13/00	29/00	25/00	3/00
	9/00	23/00	31/00	11/00	35/00	37/00	39/00	19/00	21/00	

R372

A61M	36/00	1/00	27/00	5/00	15/00	16/00	13/00	29/00	25/00	3/00
	9/00	23/00	31/00	11/00	35/00	37/00	39/00	19/00	21/00	

R373

A62B	1/00	3/00	5/00	17/00	15/00	29/00	33/00	31/00	13/00	27/00
	18/00	11/00	7/00	19/00	21/00	23/00	9/00	25/00	35/00	37/00

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R374

A62C	3/00	37/00	31/00	33/00	35/00	27/00	29/00	15/00	19/00	17/00
	25/00	11/00	13/00	5/00	8/00	4/00	2/00	39/00		

R380

B02B	3/00	1/00	5/00	7/00						
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R381

B02C	25/00	9/00	11/00	21/00	1/00	2/00	4/00	7/00		
	13/00	15/00	17/00	18/00	19/00	23/00				

R385

B06B	1/00	3/00								
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R386

B07C	7/00	5/00	3/00	1/00	9/00					
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R387

B08B	7/00	17/00	15/00	6/00	9/00	3/00	11/00	5/00	1/00	13/00
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R390

B21B	33/00	9/00	3/00	37/00	38/00	15/00	25/00	23/00	21/00	19/00
	17/00	45/00	5/00	11/00	1/00	41/00	39/00	47/00	43/00	28/00
	13/00	31/00	27/00	29/00						35/00

R391

B21C	31/00	51/00	43/00	19/00	1/00	9/00	3/00	23/00	29/00	35/00
	33/00	25/00	27/00	37/00	5/00	26/00	45/00	47/00	49/00	

R392

B21D	55/00	33/00	21/00	35/00	47/00	49/00	39/00	51/00	53/00	22/00
	24/00	25/00	26/00	28/00	3/00	1/00	13/00	15/00	17/00	19/00
	11/00	5/00	9/00	7/00	31/00	43/00	45/00	37/00		41/00

R393

B21F	33/00	3/00	41/00	31/00	43/00	27/00	25/00	29/00	37/00	35/00
	39/00	45/00	9/00	17/00	15/00	7/00	19/00	5/00	1/00	13/00
	21/00	23/00								11/00

R394

B21G	1/00	5/00	7/00	3/00						
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R395

B21H	8/00	5/00	3/00	1/00	7/00	9/00				
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R396

B21J	1/00	5/00	3/00	11/00	7/00	9/00	13/00	15/00	17/00	19/00
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IPC/WG/10/3  
Annex I/Annexe I  
page 27

R397

B21K	31/00	25/00	19/00	1/00	3/00	5/00	7/00	9/00	11/00	13/00
	15/00	17/00	21/00	23/00	29/00	27/00				

R398

B21L	13/00	11/00	9/00	5/00	7/00	1/00	3/00	15/00	17/00	21/00
	19/00									

R399

B22C	9/00	25/00	5/00	11/00	15/00	17/00	13/00	7/00	21/00	19/00
	23/00	3/00	1/00							

R400

B22D	3/00	5/00	7/00	9/00	21/00	19/00	11/00	15/00	17/00	18/00
	13/00	25/00	23/00	2/00	1/00	43/00				

R401

B22F	1/00	8/00	5/00	3/00	7/00	9/00				
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R402

B23B	1/00	11/00	9/00	7/00	5/00	3/00	13/00	15/00	33/00	21/00
	19/00	23/00	31/00	17/00	25/00	35/00	37/00	41/00	39/00	43/00
	49/00	51/00	47/00	27/00	29/00					

R403

B23C	7/00	3/00	1/00	5/00	9/00					
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R404

B23D	36/00	81/00	1/00	3/00	5/00	7/00	9/00	11/00	13/00	31/00
	21/00	23/00	25/00	27/00	15/00	17/00	19/00	29/00	33/00	35/00
	39/00	41/00	43/00	45/00	47/00	49/00	51/00	53/00	55/00	57/00
	61/00	63/00	65/00	67/00	69/00	71/00	73/00	75/00	77/00	79/00

R405

B23F	7/00	9/00	11/00	13/00	15/00	1/00	3/00	5/00	17/00	19/00
	21/00	23/00								

R406

B23G	9/00	3/00	7/00	1/00	5/00	11/00				
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R407

B23H	9/00	5/00	7/00	3/00	1/00	11/00				
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R408

B23K	33/00	31/00	17/00	26/00	10/00	20/00	15/00	23/00	13/00	25/00
	9/00	11/00	5/00	7/00	28/00	3/00	1/00	37/00	35/00	

R409

B23P 5/00 15/00 6/00 9/00 25/00 23/00 21/00 11/00 19/00 13/00  
17/00

R410

B23Q 33/00 35/00 27/00 15/00 37/00 39/00 41/00 5/00 7/00 9/00  
16/00 3/00 23/00 1/00 17/00 11/00 13/00

R411

B24B 55/00 17/00 33/00 49/00 51/00 37/00 39/00 35/00 3/00 13/00  
15/00 11/00 23/00 21/00 9/00 19/00 5/00 7/00 31/00 29/00 25/00  
27/00 1/00 57/00 53/00 47/00 45/00 41/00

R412

B24C 1/00 3/00 5/00 7/00 9/00 11/00

R413

B24D 18/00 3/00 9/00 13/00 5/00 7/00 15/00 11/00 17/00

R414

B25B 21/00 28/00 25/00 27/00 31/00 17/00 19/00 13/00 15/00 23/00  
7/00 3/00 9/00 5/00 1/00 11/00 29/00 33/00

R415

B25C 3/00 9/00 11/00 13/00 1/00 5/00 7/00

R416

B25D 16/00 15/00 13/00 11/00 9/00 7/00 5/00 3/00 1/00 17/00

R417

B25F 3/00 1/00 5/00

R418

B25G 3/00 1/00

R419

B25H 7/00 5/00 1/00 3/00

R420

B25J 21/00 7/00 9/00 3/00 1/00 13/00 5/00 11/00 15/00 17/00  
18/00 19/00

R421

B26B 19/00 21/00 25/00 17/00 15/00 13/00 11/00 7/00 5/00 1/00  
3/00 9/00 23/00 27/00 29/00

R422

B26D 5/00 9/00 11/00 3/00 1/00 7/00

R423

B26F 1/00 3/00

R424

B27B 1/00 3/00 11/00 19/00 17/00 15/00 13/00 7/00 5/00 9/00  
21/00 23/00 33/00 29/00 31/00 25/00 27/00

R425

B27C 9/00 5/00 1/00 7/00 3/00

R426

B27D 1/00 3/00 5/00

R427

B27F 5/00 1/00 4/00 7/00

R428

B27G 19/00 21/00 1/00 3/00 5/00 11/00 15/00 17/00 13/00 23/00

R429

B27H 5/00 3/00 7/00 1/00

R430

B27J 3/00 1/00 5/00 7/00

R431

B27K 7/00 3/00 1/00 5/00 9/00

R432

B27L 3/00 1/00 7/00 5/00 9/00 11/00

R433

B27M 3/00 1/00

R434

B27N 9/00 1/00 7/00 5/00 3/00

R435

B28B 15/00 21/00 23/00 19/00 5/00 3/00 7/00 1/00 11/00 13/00  
17/00

R436

B28C 9/00 7/00 5/00 3/00 1/00

R437

B28D 5/00 1/00 3/00 7/00

R438

B29B 7/00 13/00 9/00 11/00 15/00 17/00

R439

B29C 73/00 71/00 69/00 65/00 43/00 41/00 39/00 44/00 45/00 47/00  
49/00 51/00 61/00 53/00 55/00 57/00 59/00 63/00 70/00 67/00 31/00  
33/00 35/00 37/00

R440

B29D 30/00 24/00 23/00 22/00 28/00 25/00 5/00 29/00 17/00 11/00  
21/00 19/00 15/00 12/00 16/00 9/00 1/00 7/00 31/00

R441

B29K Indexing subclass, no rearrangement.

R442

B29L Indexing subclass, no rearrangement.

R443

B30B 13/00 11/00 9/00 1/00 3/00 5/00 7/00 12/00 15/00

R444

B31B 45/00 11/00 7/00 9/00 13/00 15/00 17/00 5/00 3/00 39/00  
25/00 27/00 33/00 35/00 31/00 37/00 29/00 21/00 23/00 19/00 41/00  
43/00 1/00 47/00 49/00

R445

B31C 11/00 9/00 7/00 1/00 3/00 5/00 13/00

R446

B31D 3/00 5/00 1/00

R447

B31F 1/00 5/00 7/00

R448

B41B 27/00 25/00 13/00 15/00 17/00 19/00 21/00 23/00 5/00 3/00  
7/00 9/00 11/00 1/00

R449

B41C 1/00 3/00

R450

B41D 1/00 3/00 5/00 7/00

R451

B41F 33/00 17/00 19/00 1/00 3/00 11/00 5/00 7/00 9/00 13/00  
15/00 16/00 21/00 23/00 22/00 25/00 27/00 30/00 31/00 35/00

R452

B41G 1/00 3/00 5/00 7/00

R453

B41J 3/00 2/00 1/00 13/00 15/00 11/00 5/00 7/00 9/00 17/00  
19/00 21/00 23/00 25/00 27/00 33/00 32/00 31/00 35/00 29/00

R454

B41K 3/00 5/00 1/00

R455

B41L 5/00 3/00 1/00 9/00 7/00 11/00 13/00 15/00 17/00 19/00  
39/00 38/00 25/00 23/00 27/00 29/00 31/00 35/00 21/00 33/00 43/00  
41/00 45/00 47/00 49/00

R456

B41M 3/00 9/00 1/00 5/00 7/00

R457

B41N 1/00 6/00 7/00 10/00 11/00 3/00

R458

B42B 9/00 7/00 2/00 4/00 5/00

R459

B42C 17/00 1/00 19/00 11/00 3/00 9/00 5/00 7/00 15/00 13/00

R460

B42D 19/00 11/00 12/00 1/00 13/00 7/00 5/00 3/00 15/00 9/00  
17/00 101/00 103/00 105/00 107/00 109/00 111/00 113/00 115/00 117/00 119/00  
121/00

R461

B42F 5/00 3/00 1/00 21/00 17/00 15/00 13/00 9/00 11/00 7/00  
19/00

R462

B43K 25/00 31/00 29/00 27/00 21/00 19/00 8/00 7/00 5/00 24/00  
17/00 1/00 3/00 13/00 11/00 23/00 15/00

R463

B43L 1/00 5/00 3/00 11/00 9/00 7/00 15/00 12/00 21/00 17/00  
19/00 23/00 27/00 25/00 13/00

R464

B43M 3/00 5/00 11/00 1/00 13/00 7/00 15/00 9/00 17/00

R465

B44B 1/00 3/00 5/00 9/00 7/00 11/00

R466

B44C 5/00 7/00 3/00 1/00

R467

B44D 5/00 7/00 2/00 3/00

R468

B44F 1/00 7/00 11/00 9/00 5/00 3/00

R469

B61B 15/00 1/00 10/00 11/00 7/00 3/00 5/00 9/00 13/00 12/00

R470

B61C 11/00 13/00 9/00 5/00 3/00 1/00 7/00 15/00 8/00 17/00

R471

B61D 9/00 7/00 5/00 11/00 3/00 13/00 1/00 15/00 43/00 19/00  
23/00 47/00 25/00 39/00 17/00 45/00 27/00 29/00 35/00 31/00 33/00  
41/00 37/00 49/00

R472

B61F 7/00 9/00 11/00 5/00 3/00 17/00 15/00 1/00 13/00 19/00

R473

B61G 5/00 3/00 1/00 7/00 9/00 11/00

R474

B61H 9/00 11/00 7/00 1/00 3/00 5/00 13/00 15/00

R475

B61J 3/00 1/00

R476

B61K 1/00 3/00 5/00 7/00 9/00 11/00 13/00

R477

B62B 19/00 7/00 9/00 3/00 1/00 5/00 13/00 15/00 17/00 11/00

R478

B62C 1/00 3/00 5/00 7/00 9/00 11/00

R479

B62D 41/00 67/00 61/00 59/00 57/00 55/00 51/00 49/00 53/00 47/00  
63/00 37/00 35/00 23/00 29/00 33/00 31/00 25/00 27/00 21/00 24/00  
39/00 6/00 11/00 13/00 12/00 5/00 9/00 1/00 3/00 7/00 15/00  
17/00 19/00 43/00 65/00 101/00 103/00 105/00 107/00 109/00 111/00 113/00  
115/00 117/00 119/00 121/00 123/00 125/00 127/00 131/00 133/00 135/00 137/00



R480

B62H 5/00 1/00 3/00 7/00

R481

B62J 1/00 27/00 31/00 33/00 25/00 29/00 35/00 37/00 17/00 21/00  
13/00 15/00 19/00 23/00 11/00 7/00 9/00 3/00 6/00 39/00

R482

B62K 15/00 13/00 11/00 7/00 9/00 5/00 3/00 1/00 17/00 19/00  
21/00 23/00 25/00 27/00

R483

B62L 5/00 1/00 3/00

R484

B62M 27/00 7/00 5/00 1/00 3/00 29/00 19/00 21/00 17/00 15/00  
13/00 11/00 9/00 25/00 23/00

R485

B63B 7/00 25/00 35/00 38/00 41/00 1/00 11/00 5/00 3/00 59/00  
15/00 39/00 13/00 29/00 19/00 21/00 23/00 45/00 49/00 51/00 22/00  
43/00 57/00 27/00 17/00 9/00

R486

B63C 9/00 7/00 11/00 1/00 15/00 3/00 5/00 13/00

R487

B63G 11/00 8/00 5/00 1/00 3/00 6/00 7/00 9/00 13/00

R488

B63H 25/00 11/00 13/00 15/00 16/00 19/00 20/00 23/00 21/00 9/00  
7/00 5/00 1/00 3/00

R489

B63J 1/00 4/00 2/00 3/00 5/00

R490

B64B 1/00

R491

B64C 13/00 21/00 15/00 23/00 17/00 19/00 5/00 1/00 3/00 9/00  
11/00 25/00 7/00 37/00 31/00 33/00 35/00 27/00 29/00 30/00 39/00

R492

B64D 10/00 23/00 21/00 19/00 17/00 39/00 31/00 27/00 35/00 37/00  
41/00 29/00 33/00 3/00 5/00 15/00 1/00 7/00 13/00 43/00 45/00  
25/00 9/00 11/00 47/00

R493

B64F 5/00 3/00 1/00

R494

B64G 1/00 3/00 6/00 4/00 5/00 7/00 9/00

R495

B65B 57/00 67/00 31/00 59/00 19/00 5/00 33/00 23/00 27/00 13/00  
53/00 9/00 21/00 1/00 3/00 11/00 15/00 55/00 25/00 29/00 7/00  
17/00 69/00 37/00 35/00 49/00 47/00 45/00 39/00 41/00 51/00 43/00  
63/00 61/00 65/00

R496

B65C 7/00 5/00 1/00 3/00 11/00 9/00

R497

B65D 88/00 90/00 71/00 83/00 85/00 81/00 75/00 73/00 77/00 69/00  
79/00 57/00 59/00 61/00 63/00 65/00 67/00 8/00 6/00 13/00 3/00  
5/00 17/00 21/00 1/00 19/00 27/00 35/00 30/00 33/00 37/00 50/00  
45/00 47/00 49/00 39/00 41/00 43/00 51/00 53/00 55/00 23/00 25/00

R498

B65F 7/00 9/00 3/00 1/00 5/00

R499

B65G 63/00 1/00 5/00 3/00 7/00 9/00 31/00 51/00 53/00 37/00  
15/00 17/00 19/00 25/00 27/00 33/00 29/00 13/00 11/00 43/00 49/00  
35/00 54/00 21/00 23/00 47/00 45/00 39/00 41/00 60/00 57/00 59/00  
61/00 67/00 65/00 69/00

R500

B65H 39/00 45/00 47/00 35/00 37/00 7/00 43/00 85/00 83/00 33/00  
3/00 29/00 5/00 13/00 15/00 9/00 1/00 11/00 31/00 26/00 41/00  
19/00 21/00 23/00 18/00 16/00 20/00 27/00 63/00 69/00 71/00 59/00  
61/00 54/00 49/00 51/00 67/00 57/00 65/00 55/00 73/00 81/00 79/00  
77/00 75/00

R501

B66C 17/00 19/00 21/00 23/00 3/00 1/00 15/00 9/00 11/00 5/00  
7/00 6/00 13/00

R502

B66D 3/00 5/00 1/00

R503

B66F 17/00 9/00 7/00 5/00 11/00 1/00 3/00 15/00 19/00 13/00

R504

B67B 7/00 5/00 1/00 3/00

R505

B67C 7/00 3/00 9/00 11/00

R506

B67D 3/00 1/00 5/00

R507

B68B 7/00 3/00 1/00 9/00 5/00 11/00

R508

B68C 5/00 1/00 3/00

R509

B68F 3/00 1/00

R510

B68G 13/00 11/00 9/00 7/00 15/00 5/00 1/00 3/00

R532

D01B 1/00 5/00 3/00 7/00 9/00

R534

D01D 13/00 1/00 10/00 5/00 7/00 4/00 11/00

R536

D01G 31/00 35/00 17/00 21/00 15/00 19/00 25/00 27/00 29/00 13/00  
11/00 3/00 9/00 5/00 1/00 23/00 7/00 33/00 37/00

R537

D01H 1/00 3/00 4/00 5/00 7/00  
9/00 11/00 15/00 17/00 13/00

R538

D02G 3/00 1/00

R539

D02H 1/00 7/00 3/00 5/00 9/00 11/00 13/00

R540

D02J 11/00 1/00 3/00 7/00 13/00

R541

D03C 3/00 1/00 5/00 7/00 9/00 11/00 13/00 15/00 17/00 19/00

R542

D03D 27/00 1/00 5/00 13/00 3/00 9/00 11/00 7/00 17/00 15/00  
19/00 21/00 25/00 39/00 31/00 47/00 35/00 33/00 37/00 45/00 43/00  
29/00 41/00 51/00 49/00 23/00

R543

D03J 3/00 5/00 1/00

R544

D04B 17/00 19/00 21/00 1/00 5/00 7/00 9/00 11/00 13/00 23/00  
25/00 15/00 27/00 35/00 37/00 31/00 33/00 3/00 39/00

R545

D04C 1/00 5/00 3/00 7/00

R546

D04D 1/00 3/00 5/00 7/00 11/00 9/00

R547

D04G 1/00 3/00 5/00

R548

D04H 1/00 3/00 5/00 11/00 13/00 17/00 18/00

R549

D05B 21/00 19/00 81/00 25/00 3/00 5/00 7/00 9/00 11/00 13/00  
15/00 17/00 1/00 23/00 27/00 29/00 31/00 33/00 37/00 39/00 41/00  
35/00 43/00 45/00 47/00 49/00 51/00 53/00 55/00 57/00 59/00 61/00  
63/00 65/00 67/00 69/00 71/00 85/00 87/00 89/00 83/00 73/00 75/00  
77/00 79/00 91/00 93/00 95/00 97/00

R550

D05C 17/00 15/00 5/00 7/00 3/00 9/00 11/00 13/00 1/00

R551

D06B 7/00 9/00 11/00 13/00 17/00 15/00 21/00 5/00 3/00 1/00  
19/00 23/00

R552

D06C 27/00 23/00 5/00 3/00 17/00 9/00 21/00 15/00 13/00 11/00  
25/00 19/00 7/00 29/00

R553

D06F 31/00 95/00 33/00 29/00 19/00 25/00 23/00 21/00 37/00 27/00  
18/00 15/00 17/00 13/00 11/00 9/00 39/00 7/00 3/00 5/00 1/00  
35/00 41/00 43/00 49/00 45/00 47/00 51/00 59/00 58/00 53/00 55/00  
57/00 61/00 63/00 65/00 67/00 69/00 71/00 73/00 87/00 75/00 77/00  
79/00 81/00 83/00 85/00 91/00 89/00 93/00

R554

D06G 5/00 1/00 3/00

R555

D06H 1/00 3/00 5/00 7/00

R556

D06J 1/00

R559

D06Q 1/00

R560

D07B 1/00 9/00 5/00 3/00 7/00

R563

D21D 1/00 5/00

R564

D21F 13/00 11/00 9/00 1/00 2/00 3/00 5/00 7/00

R565

D21G 5/00 1/00 3/00 7/00 9/00

R567

D21J 1/00 5/00 7/00 3/00

R568

F01B 25/00 27/00 11/00 23/00 21/00 19/00 17/00 7/00 3/00 5/00  
13/00 1/00 15/00 9/00 29/00 31/00

R569

F02C 9/00 6/00 5/00 3/00 1/00 7/00

R570

F01D 17/00 19/00 21/00 15/00 13/00 23/00 3/00 1/00 11/00 7/00  
9/00 5/00 25/00

R571

F01K 13/00 15/00 5/00 17/00 19/00 11/00 3/00 9/00 7/00 21/00  
23/00 25/00 27/00 1/00

R572

F01L 13/00 11/00 9/00 5/00 7/00 3/00 1/00 17/00 19/00 21/00  
23/00 25/00 27/00 29/00 15/00 31/00 33/00 35/00

R573

F01N 11/00 5/00 9/00 3/00 1/00 7/00

R574

F01P 7/00 5/00 3/00 1/00 9/00 11/00

R575

F02B	79/00	47/00	49/00	51/00	69/00	43/00	45/00	71/00	41/00	61/00
63/00	65/00	19/00	21/00	23/00	11/00	7/00	1/00	3/00	5/00	9/00
37/00	35/00	33/00	39/00	27/00	31/00	25/00	29/00	13/00	17/00	15/00
53/00	59/00	57/00	73/00	67/00	75/00	55/00	77/00			

R576

F02C	9/00	6/00	5/00	3/00	1/00	7/00				
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R577

F02D	27/00	21/00	19/00	23/00	25/00	17/00	15/00	9/00	13/00	3/00
1/00	7/00	35/00	37/00	31/00	33/00	43/00	41/00	45/00	11/00	28/00
29/00	39/00									

R578

F02F	11/00	1/00	3/00	5/00	7/00					
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R579

F02G	3/00	1/00	5/00							
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R580

F02K	9/00	7/00	3/00	5/00	1/00	11/00				
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R581

F02M	21/00	71/00	65/00	57/00	41/00	43/00	45/00	51/00	69/00	67/00
49/00	47/00	53/00	39/00	55/00	61/00	59/00	63/00	15/00	13/00	11/00
1/00	3/00	7/00	9/00	5/00	17/00	19/00	23/00	25/00	31/00	27/00
29/00	35/00	37/00	33/00							

R582

F02N	11/00	13/00	9/00	7/00	5/00	15/00	1/00	3/00	17/00	
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R583

F02P	17/00	19/00	13/00	1/00	3/00	5/00	7/00	9/00	11/00	15/00
21/00	23/00									

R584

F03B	15/00	13/00	7/00	1/00	9/00	5/00	3/00	17/00	11/00	
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R585

F03C	1/00	2/00	4/00	5/00						
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R586

F03D	7/00	9/00	3/00	1/00	5/00	11/00				
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R587

F03G	6/00	4/00	5/00	1/00	3/00	7/00				
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R588

F03H 1/00 3/00 5/00

R589

F04B 51/00 47/00 45/00 43/00 3/00 1/00 5/00 11/00 13/00 7/00  
9/00 15/00 17/00 23/00 19/00 25/00 27/00 31/00 33/00 35/00 41/00  
37/00 39/00 49/00 53/00

R590

F04D 15/00 13/00 7/00 9/00 1/00 3/00 5/00 11/00 27/00 25/00  
21/00 17/00 19/00 23/00 31/00 35/00 33/00 29/00

R591

F04F 10/00 5/00 9/00 1/00 3/00 7/00 11/00

R592

F17B 1/00

R593

F17C 11/00 5/00 7/00 1/00 6/00 9/00 3/00 13/00

R594

F17D 5/00 3/00 1/00

R595

F41A 33/00 17/00 31/00 1/00 9/00 5/00 7/00 3/00 19/00 15/00  
21/00 11/00 13/00 29/00 35/00 25/00 27/00 23/00

R596

F41B 9/00 1/00 3/00 4/00 5/00 6/00 11/00 7/00 13/00 15/00

R597

F41C 9/00 3/00 7/00 23/00 33/00 27/00

R598

F41F 3/00 5/00 1/00 7/00

R599

F41G 7/00 5/00 1/00 3/00 11/00 9/00

R600

F41H 3/00 9/00 11/00 7/00 1/00 5/00 13/00

R601

F41J 2/00 5/00 9/00 7/00 3/00 1/00

R602

F42B	4/00	35/00	8/00	6/00	14/00	10/00	12/00	17/00	19/00	15/00
29/00	21/00	25/00	27/00	22/00	23/00	7/00	5/00	30/00	33/00	39/00
1/00	3/00									

R603

F42C	9/00	13/00	11/00	1/00	5/00	3/00	7/00	14/00	21/00	15/00
17/00	19/00									

R604

F42D	5/00	3/00	1/00	7/00						
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[Annex J follows/  
L'annexe J suit]