

**Agenda Item:**

**Source:** Ericsson

**Title:** New downlink scrambling code grouping scheme for UTRA/FDD

**Document for:** Decision

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## **1. Motivation**

It is essential to UTRA that the mobile terminals are competitive compared to the mobile terminals of the different 2<sup>nd</sup> generation systems. To make this true the standardization has to take into account that it should be possible to make both small and low complexity mobile terminals. This proposal is a new scrambling code grouping scheme that requires both much less complexity and less number of correlators for the third stage in the mobile station (MS) during initial cell search. Another advantage of the proposed scheme is that the third stage usually does not have to be done at all during a target cell search, cell reselection and handover, because there is only one candidate in the neighbor belonging to the scrambling code group detected in stage 2. The cell planning in order to have as few codes as possible from the same scrambling code group in the same area becomes also easier.

## **2. Current scheme and the proposed scheme**

The current scheme according to [1] and [2] is to divide 512 scrambling codes into 32 code groups (CG), with 16 scrambling codes per CG. Therefore, during initial cell search, the MS has to correlate with 16 scrambling codes in the identified CG. To reduce synchronization time, it is preferable that scrambling code correlations are performed in parallel. However, this requires the MS having 16 correlators dedicated for scrambling code correlations during initial cell search. If a MS is not equipped with 16 correlators, scrambling code correlations can not be performed in parallel, giving rise to an increase in synchronization time. Furthermore, it will be shown in the next section that the current scrambling code grouping scheme requires a rather complicated cell search scheme, with the complexity dominated by the scrambling code correlation stage.

To lessen the requirement of having 16 correlators to carry out scrambling code correlations in parallel and reduce the complexity of initial cell search, we propose that the number of CG to be increased to 256. This reduces the number of scrambling codes in a CG from 16 to 2, making it easy to perform parallel scrambling code correlations within the identified CG. The proposed scheme requires 256 codewords from a Comma-Free Reed-Solomon (RS) code. This can be achieved by using a (16,3) RS code over GF(17), which is the same code as used in [1]. However, in [1] only 32 comma-free codewords are used, whereas in the proposed scheme 256 comma-free codewords are used. Both the codebook used in [1] and in the proposed scheme has minimum symbol distance 14. It can be shown that with the proposed scheme, the complexity of initial cell search is significantly reduced.

In cell reselection and handoff scenarios the MS knows the different scrambling codes of the neighboring cells through signalling. Due to fact that the number of CG is larger in the proposed scheme it is possible for the MS to uniquely identify the scrambling code by identifying the CG. Thus the stage 3 of the cell search is not needed during handoff scenarios according to the proposed scheme.

In the current scheme the code planning plays an important role when it comes to complexity for the MS. This is because the CG can be assigned in a clustered or a distributed manner according to [3]. In the new scheme the clustered manner is not possible because of there is only 2 scrambling codes per CG compared to 16 for the current scheme.

The number of cell specific preamble sequences for random access is also equal to 256. By having the same number of codes both for number of RACH identities and the number of scrambling code groups there is also an option for the operators to tie the preamble sequence with a specific scrambling code group. This is of course up to the operators how to allocate the codes.

### 3. Complexity

Initial cell search in UTRA/FDD comprises of stages of (1) slot synchronization, (2) frame synchronization and CG identification, and (3) scrambling code identification. Since the complexity of the first stage is the same in the current scheme and the proposed scheme, in this section we only focus on the complexity of the second and third stages. Let  $N_2$  and  $N_3$  be the number of frames required during initial cell search for stage 2 and 3, respectively. The complexity of the current scheme during the second stage is

$$\begin{aligned} C_{A,2} &= (32*5+32*7)*2*16 N_2 + 17*16*3* N_2 + 512*16 + 512 \\ &= 13104 N_2 + 8704 \end{aligned} \quad (1)$$

In (1), the term "(32\*5+32\*7)" is for correlating with 17 Second Search Codes (SSC), utilizing Fast Walsh Transform (FWT). This term is multiplied by 2, for SSC correlations on I and Q channels, and then by  $16 N_2$ , for there are  $16 N_2$  SSC symbols in  $N_2$  frames. The term " $17*16*3* N_2$ " is for coherent demodulation of SSC symbols, assuming three operations for calculating the real part of a complex product. The term " $512*16$ " is for calculating the metric for decoding the Comma-Free RS code. Finally, the term "512" is for finding the maximum metric among all 512 hypotheses ( $32 \text{ CG} * 16 \text{ shifts}$ ).

Similarly, the complexity of the proposed scheme during the second stage is

$$\begin{aligned} C_{B,2} &= (32*5+32*7)*2*16 N_2 + 17*16*3* N_2 + 4096*16 + 4096 \\ &= 13104 N_2 + 69632 \end{aligned} \quad (2)$$

Note that the difference between (1) and (2) is in the operations for decoding the Comma-Free RS code. According to the proposed scheme, there are 4096 hypotheses ( $256 \text{ CG} * 16 \text{ shifts}$ ) during the second stage of the proposed scheme.

The complexity of the current scheme during stage 3 is given by

$$\begin{aligned} C_{A,3} &= 256*9*16*16 N_3 *2 \\ &= 1179648 N_3 . \end{aligned} \quad (3)$$

In (3), the term " $256*9$ " is due to there are  $256*9$  chips in a slot scrambled by the scrambling code. This term is first multiplied by 16, for there are 16 scrambling codes to be correlated against, and then by  $16 N_3$ , for there are  $16 N_3$  slots for stage 3, and finally by 2, for accounting for scrambling code correlations on both I and Q channels.

Similarly, the complexity of the proposed scheme in stage 3 is

$$\begin{aligned} C_{B,3} &= 256*9*2*16 N_3 *2 \\ &= 147456 N_3 . \end{aligned} \quad (4)$$

The complexity of the current 3GPP scheme in stages 2 and 3 is

$$C_A = C_{A,2} + C_{A,3}$$

$$= 13104 N_2 + 8704 + 1179648 N_3 \quad (5)$$

and the complexity of the proposed scheme in stages 2 and 3 is

$$\begin{aligned} C_B &= C_{B,2} + C_{B,3} \\ &= 13104 N_2 + 69632 + 147456 N_3 . \end{aligned} \quad (6)$$

Table 1 lists the complexity of the current scheme and proposed scheme with various parameters  $N_2$ , and  $N_3$ . It is shown that with reasonable operating parameters the proposed scheme is much less complex than the current 3GPP scheme. The overall cell search complexity (stages 1, 2, and 3) of a target cell search can be reduced by a factor of 2 when the proposed scheme is used.

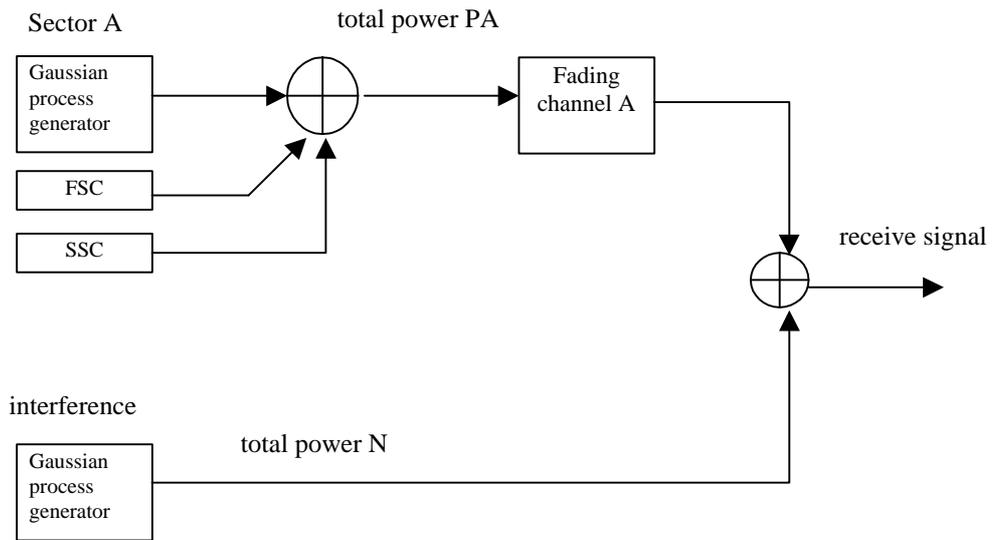
**Table 1: Complexity of the current scheme and proposed scheme.**

$N_2$	$N_3$	current scheme	Proposed scheme
1	1	1201456	230192
2	1	1214560	243296
2	0.5	624736	169568

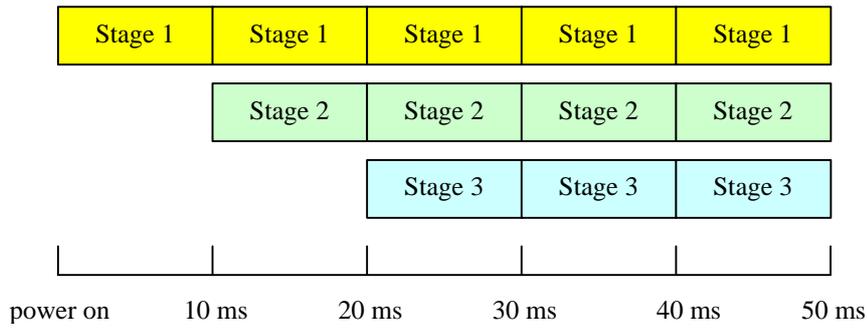
## 4. Simulations

To evaluate the performance of the proposed scheme, the link simulation model illustrated in Figure 1 is adopted. Sector A is of interest. Signals from other sectors, together with thermal noise, are modeled as white Gaussian noise. Only the First Search Code (FSC) and Second Search Code (SSC) of sector A are generated. The multiple-access interference within sector A is also modeled as white Gaussian noise. In our simulation, it is assumed that FSC and SSC combined use 10% of the carrier power when they are transmitted. The ratio of  $P_A/N$  is varied to evaluate the average synchronization time required for the current 3GPP scheme and the proposed scheme.

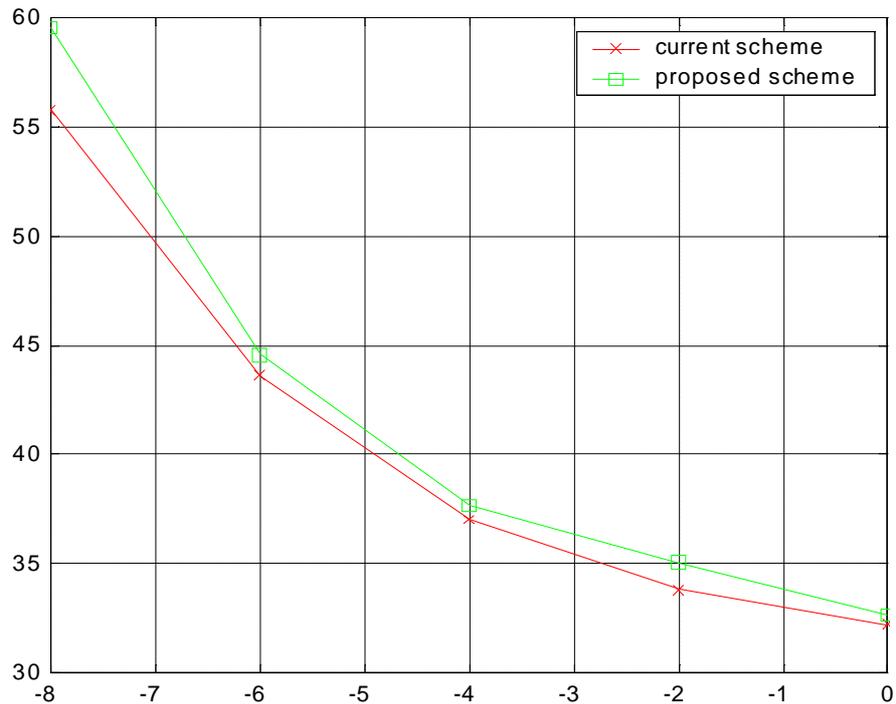
The cell search procedure considered is shown in Figure 2. The synchronization time for each stage is set to 10 msec, i.e., both  $N_2$  and  $N_3$  are 1. The three cell search stages are carried out in parallel with stage  $i$  providing a candidate to stage  $(i+1)$  every 10 msec. These processes continue on until a true candidate is found at the end of stage 3. It is assumed that with 10 msec synchronization time, stage 3 is perfect, in the sense that it always rejects a false candidate from stage 2 and accepts only the true ones. This assumption is not favorable for the proposed scheme, as it should perform better than the current scheme in true operating scenario.



**Figure 1: Simulation model.**



**Figure 2: Cell search procedures after power on.**



**Figure 3: Average synchronization time in the flat fading channel. (velocity= 5 km/h)**

The performance of the current scheme and the proposed scheme in the flat fading channel is illustrated in Figure 3. The values of  $P_A/N$  are chosen to cover reasonable operating scenarios. From Figure 3, it can be seen that the new scheme only introduces 1-3 msec extra delay, while reducing the complexity of cell search by a factor of 5, as indicated in Table 1. It should be noted that if a MS is not equipped with at least 16 correlators to carry out scrambling code correlations in parallel, there will be at least an 10 msec extra delay for the current scheme.

## 5. Conclusion

In this proposal it is shown that the initial cell search can be achieved with both less complexity and less number of correlators than it is done in the current scheme in the technical specification document [1]. It is also easily understood that the proposed scheme will make it much easier for the operators when it comes to planning of the scrambling codes and the scrambling code group assignments in the purpose of keeping down the complexity in the MS. From our complexity analysis, with 10 msec synchronization time, each for frame synchronization and CG identification (stage 2), and scrambling code identification (stage 3), the complexity of initial cell search during stages 2 and 3 can be reduced by a factor of 5 by adopting the proposed scheme. Such a significant reduction in complexity is achieved at the expense of only a small increase in the average cell search time. Our numerical results suggest that under practical operation scenarios the proposed scheme only increases the average cell search time by 1-3 msec. However, it should be noted that in our simulation model we assume the same synchronization time in stage 3 for both schemes. In practice, to achieve the same stage 3 performance as the current scheme, the synchronization time in stage 3 for the proposed scheme should be less, as the number of scrambling codes is reduced from 16 to 2. When this is considered, the actual difference in average cell search is less than what our numerical results suggest.

## References

- [1]. 3GPP RAN TS 25.213 V2.0.0 (1999-4). Spreading and modulation (FDD)



Group1	C <sub>4</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>2</sub>
Group2	C <sub>4</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>16</sub>
Group3	C <sub>4</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>13</sub>
Group4	C <sub>4</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>10</sub>
Group5	C <sub>4</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>2</sub>
Group6	C <sub>4</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>4</sub>
Group7	C <sub>4</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>4</sub>
Group8	C <sub>4</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>15</sub>
Group9	C <sub>4</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>12</sub>
Group10	C <sub>4</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>9</sub>
Group11	C <sub>4</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>6</sub>
Group12	C <sub>4</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>3</sub>
Group13	C <sub>4</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>17</sub>
Group14	C <sub>4</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>14</sub>
Group15	C <sub>4</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>11</sub>
Group16	C <sub>4</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>8</sub>
Group17	C <sub>4</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>3</sub>
Group18	C <sub>2</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>2</sub>
Group19	C <sub>2</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>16</sub>
Group20	C <sub>2</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>13</sub>
Group21	C <sub>2</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>10</sub>
Group22	C <sub>2</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>7</sub>
Group23	C <sub>2</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>4</sub>
Group24	C <sub>2</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>4</sub>
Group25	C <sub>2</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>15</sub>
Group26	C <sub>2</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>12</sub>
Group27	C <sub>2</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>9</sub>
Group28	C <sub>2</sub>	C <sub>1</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>6</sub>
Group29	C <sub>2</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>3</sub>
Group30	C <sub>2</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>17</sub>
Group31	C <sub>2</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>14</sub>
Group32	C <sub>2</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>11</sub>
{SynchBTS}	C <sub>2</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>8</sub>

**Table 9 Spreading Code allocation for Secondary SCH Code**

Scrambling	slot number															
	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16
Group 1	C <sub>13</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 2	C <sub>8</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 3	C <sub>3</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 4	C <sub>15</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 5	C <sub>10</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 6	C <sub>5</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>1</sub>	C <sub>1</sub>

Group 7	C <sub>17</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 8	C <sub>12</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 9	C <sub>7</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 10	C <sub>2</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 11	C <sub>14</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 12	C <sub>9</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 13	C <sub>4</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 14	C <sub>16</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 15	C <sub>11</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 16	C <sub>6</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>1</sub>
Group 17	C <sub>15</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 18	C <sub>10</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 19	C <sub>5</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 20	C <sub>17</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 21	C <sub>12</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 22	C <sub>7</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 23	C <sub>2</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 24	C <sub>14</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 25	C <sub>9</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 26	C <sub>4</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 27	C <sub>11</sub>	C <sub>1</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 28	C <sub>6</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 29	C <sub>13</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 30	C <sub>8</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 31	C <sub>3</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>1</sub>
Group 32	C <sub>12</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>1</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 33	C <sub>7</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 34	C <sub>2</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 35	C <sub>9</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 36	C <sub>4</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 37	C <sub>16</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>1</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 38	C <sub>11</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 39	C <sub>6</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 40	C <sub>13</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 41	C <sub>8</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 42	C <sub>3</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 43	C <sub>15</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 44	C <sub>10</sub>	C <sub>4</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 45	C <sub>5</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 46	C <sub>17</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>1</sub>
Group 47	C <sub>4</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 48	C <sub>16</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 49	C <sub>11</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 50	C <sub>6</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 51	C <sub>13</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 52	C <sub>8</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 53	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>1</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 54	C <sub>10</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 55	C <sub>5</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 56	C <sub>17</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>1</sub>

Group 57	C <sub>7</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 58	C <sub>2</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 59	C <sub>14</sub>	C <sub>1</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>1</sub>
Group 60	C <sub>6</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 61	C <sub>13</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 62	C <sub>3</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 63	C <sub>15</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 64	C <sub>5</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 65	C <sub>12</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 66	C <sub>7</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 67	C <sub>2</sub>	C <sub>7</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 68	C <sub>14</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 69	C <sub>9</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 70	C <sub>4</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 71	C <sub>11</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>1</sub>
Group 72	C <sub>3</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 73	C <sub>15</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 74	C <sub>5</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 75	C <sub>17</sub>	C <sub>1</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 76	C <sub>7</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 77	C <sub>2</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 78	C <sub>14</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 79	C <sub>9</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 80	C <sub>4</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 81	C <sub>16</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 82	C <sub>11</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 83	C <sub>13</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>1</sub>
Group 84	C <sub>7</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 85	C <sub>2</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 86	C <sub>14</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 87	C <sub>9</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 88	C <sub>4</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 89	C <sub>16</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 90	C <sub>11</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 91	C <sub>13</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 92	C <sub>8</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 93	C <sub>3</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 94	C <sub>15</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 95	C <sub>10</sub>	C <sub>1</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 96	C <sub>5</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>1</sub>
Group 97	C <sub>14</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 98	C <sub>16</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 99	C <sub>11</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 100	C <sub>13</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 101	C <sub>8</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 102	C <sub>15</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 103	C <sub>10</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 104	C <sub>5</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>1</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 105	C <sub>17</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>1</sub>
Group 106	C <sub>2</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>1</sub>

Group 107	C <sub>11</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 108	C <sub>6</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 109	C <sub>13</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 110	C <sub>8</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>1</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 111	C <sub>3</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 112	C <sub>10</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 113	C <sub>17</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 114	C <sub>7</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 115	C <sub>9</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 116	C <sub>4</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>1</sub>
Group 117	C <sub>3</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 118	C <sub>15</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 119	C <sub>5</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 120	C <sub>12</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 121	C <sub>7</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 122	C <sub>2</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 123	C <sub>14</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 124	C <sub>4</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>1</sub>
Group 125	C <sub>17</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 126	C <sub>12</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 127	C <sub>7</sub>	C <sub>5</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 128	C <sub>9</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 129	C <sub>4</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 130	C <sub>16</sub>	C <sub>1</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 131	C <sub>13</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 132	C <sub>10</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>1</sub>
Group 133	C <sub>2</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>1</sub>
Group 134	C <sub>6</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>1</sub>
Group 135	C <sub>3</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>1</sub>
Group 136	C <sub>5</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>1</sub>
Group 137	C <sub>7</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>1</sub>
Group 138	C <sub>13</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>1</sub>
Group 139	C <sub>8</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>1</sub>
Group 140	C <sub>10</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>1</sub>
Group 141	C <sub>7</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>1</sub>
Group 142	C <sub>14</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>1</sub>
Group 143	C <sub>9</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>1</sub>
Group 144	C <sub>8</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>1</sub>
Group 145	C <sub>3</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>1</sub>
Group 146	C <sub>15</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>1</sub>
Group 147	C <sub>10</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>1</sub>
Group 148	C <sub>2</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>1</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>1</sub>
Group 149	C <sub>11</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>1</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>1</sub>
Group 150	C <sub>10</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>15</sub>	C <sub>1</sub>
Group 151	C <sub>12</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>1</sub>
Group 152	C <sub>2</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>1</sub>
Group 153	C <sub>4</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>1</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>1</sub>
Group 154	C <sub>3</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>1</sub>
Group 155	C <sub>14</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>1</sub>
Group 156	C <sub>13</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>1</sub>

Group 157	C <sub>8</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>1</sub>
Group 158	C <sub>16</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>1</sub>
Group 159	C <sub>13</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>1</sub>
Group 160	C <sub>7</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>1</sub>
Group 161	C <sub>9</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 162	C <sub>16</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 163	C <sub>11</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 164	C <sub>6</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 165	C <sub>13</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 166	C <sub>8</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 167	C <sub>3</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 168	C <sub>10</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>2</sub>
Group 169	C <sub>16</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 170	C <sub>11</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 171	C <sub>6</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 172	C <sub>8</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 173	C <sub>15</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 174	C <sub>12</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 175	C <sub>7</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>2</sub>
Group 176	C <sub>13</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 177	C <sub>8</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 178	C <sub>10</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 179	C <sub>5</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 180	C <sub>17</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 181	C <sub>12</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 182	C <sub>7</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 183	C <sub>14</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>2</sub>
Group 184	C <sub>17</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 185	C <sub>14</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 186	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 187	C <sub>11</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 188	C <sub>6</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 189	C <sub>8</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 190	C <sub>3</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>2</sub>
Group 191	C <sub>14</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 192	C <sub>4</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 193	C <sub>16</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 194	C <sub>13</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 195	C <sub>3</sub>	C <sub>8</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 196	C <sub>15</sub>	C <sub>14</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 197	C <sub>5</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>2</sub>
Group 198	C <sub>8</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>2</sub>
Group 199	C <sub>3</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>2</sub>
Group 200	C <sub>15</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>2</sub>
Group 201	C <sub>10</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>2</sub>
Group 202	C <sub>12</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>2</sub>
Group 203	C <sub>14</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>2</sub>
Group 204	C <sub>15</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>2</sub>
Group 205	C <sub>5</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>2</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>2</sub>
Group 206	C <sub>12</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>2</sub>

Group 207	C <sub>14</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>2</sub>
Group 208	C <sub>4</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>2</sub>
Group 209	C <sub>11</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>8</sub>	C <sub>2</sub>
Group 210	C <sub>14</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>2</sub>
Group 211	C <sub>9</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>2</sub>
Group 212	C <sub>16</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>9</sub>	C <sub>2</sub>
Group 213	C <sub>6</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>2</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>2</sub>
Group 214	C <sub>7</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>2</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>2</sub>
Group 215	C <sub>4</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>2</sub>
Group 216	C <sub>11</sub>	C <sub>9</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>2</sub>
Group 217	C <sub>10</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>2</sub>
Group 218	C <sub>4</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>2</sub>
Group 219	C <sub>6</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>2</sub>
Group 220	C <sub>15</sub>	C <sub>6</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>2</sub>
Group 221	C <sub>8</sub>	C <sub>6</sub>	C <sub>3</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>2</sub>
Group 222	C <sub>5</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>2</sub>
Group 223	C <sub>17</sub>	C <sub>2</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>2</sub>
Group 224	C <sub>3</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>15</sub>	C <sub>2</sub>	C <sub>13</sub>	C <sub>2</sub>
Group 225	C <sub>7</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>2</sub>
Group 226	C <sub>6</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>2</sub>
Group 227	C <sub>14</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>2</sub>
Group 228	C <sub>9</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>14</sub>	C <sub>2</sub>
Group 229	C <sub>4</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>15</sub>	C <sub>2</sub>
Group 230	C <sub>16</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>2</sub>
Group 231	C <sub>12</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>15</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>2</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>2</sub>
Group 232	C <sub>11</sub>	C <sub>13</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>14</sub>	C <sub>17</sub>	C <sub>2</sub>	C <sub>16</sub>	C <sub>2</sub>
Group 233	C <sub>13</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>2</sub>
Group 234	C <sub>17</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>3</sub>
Group 235	C <sub>14</sub>	C <sub>17</sub>	C <sub>11</sub>	C <sub>12</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>3</sub>
Group 236	C <sub>4</sub>	C <sub>12</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>3</sub>
Group 237	C <sub>11</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>3</sub>
Group 238	C <sub>17</sub>	C <sub>5</sub>	C <sub>13</sub>	C <sub>17</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>15</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>3</sub>
Group 239	C <sub>12</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>16</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>11</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>3</sub>
Group 240	C <sub>7</sub>	C <sub>17</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>3</sub>
Group 241	C <sub>16</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>16</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>8</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>3</sub>
Group 242	C <sub>14</sub>	C <sub>7</sub>	C <sub>6</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>17</sub>	C <sub>12</sub>	C <sub>10</sub>	C <sub>3</sub>	C <sub>5</sub>	C <sub>3</sub>
Group 243	C <sub>11</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>12</sub>	C <sub>3</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>3</sub>
Group 244	C <sub>6</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>9</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>8</sub>	C <sub>5</sub>	C <sub>3</sub>
Group 245	C <sub>13</sub>	C <sub>15</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>7</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>5</sub>	C <sub>4</sub>	C <sub>4</sub>	C <sub>16</sub>	C <sub>10</sub>	C <sub>5</sub>	C <sub>3</sub>
Group 246	C <sub>15</sub>	C <sub>16</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>13</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>5</sub>	C <sub>3</sub>
Group 247	C <sub>15</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>8</sub>	C <sub>3</sub>	C <sub>8</sub>	C <sub>6</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>3</sub>
Group 248	C <sub>5</sub>	C <sub>6</sub>	C <sub>7</sub>	C <sub>3</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>12</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>7</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>3</sub>
Group 249	C <sub>7</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>11</sub>	C <sub>5</sub>	C <sub>14</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>14</sub>	C <sub>6</sub>	C <sub>3</sub>
Group 250	C <sub>9</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>14</sub>	C <sub>13</sub>	C <sub>10</sub>	C <sub>15</sub>	C <sub>6</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>15</sub>	C <sub>9</sub>	C <sub>17</sub>	C <sub>17</sub>	C <sub>6</sub>	C <sub>3</sub>
Group 251	C <sub>15</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>5</sub>	C <sub>8</sub>	C <sub>11</sub>	C <sub>16</sub>	C <sub>3</sub>	C <sub>9</sub>	C <sub>9</sub>	C <sub>5</sub>	C <sub>7</sub>	C <sub>3</sub>
Group 252	C <sub>16</sub>	C <sub>15</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>13</sub>	C <sub>7</sub>	C <sub>10</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>17</sub>	C <sub>16</sub>	C <sub>17</sub>	C <sub>3</sub>	C <sub>15</sub>	C <sub>7</sub>	C <sub>3</sub>
Group 253	C <sub>6</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>11</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>11</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>7</sub>	C <sub>5</sub>	C <sub>5</sub>	C <sub>12</sub>	C <sub>17</sub>	C <sub>7</sub>	C <sub>3</sub>
Group 254	C <sub>9</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>7</sub>	C <sub>16</sub>	C <sub>6</sub>	C <sub>5</sub>	C <sub>15</sub>	C <sub>5</sub>	C <sub>9</sub>	C <sub>8</sub>	C <sub>3</sub>
Group 255	C <sub>16</sub>	C <sub>10</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>12</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>13</sub>	C <sub>8</sub>	C <sub>13</sub>	C <sub>11</sub>	C <sub>3</sub>	C <sub>14</sub>	C <sub>11</sub>	C <sub>8</sub>	C <sub>3</sub>
Group 256	C <sub>11</sub>	C <sub>16</sub>	C <sub>11</sub>	C <sub>13</sub>	C <sub>4</sub>	C <sub>10</sub>	C <sub>13</sub>	C <sub>16</sub>	C <sub>4</sub>	C <sub>8</sub>	C <sub>14</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>12</sub>	C <sub>8</sub>	C <sub>3</sub>

Sync BTS	C <sub>13</sub>	C <sub>17</sub>	C <sub>14</sub>	C <sub>10</sub>	C <sub>14</sub>	C <sub>9</sub>	C <sub>6</sub>	C <sub>8</sub>	C <sub>9</sub>	C <sub>10</sub>	C <sub>6</sub>	C <sub>13</sub>	C <sub>15</sub>	C <sub>15</sub>	C <sub>8</sub>	C <sub>3</sub>
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