



## CODING TABLE

| SID RNAV AMVUL 1A RWY 09R / 09L |                       |          |            |           | SÃO PAULO / Guarulhos – Gov. André Franco Montoro, INTL (SBGR) |                           |      |                           |                           |                  |                         | SBGR_SID_04T |        | 20 MAY 21       |                          |
|---------------------------------|-----------------------|----------|------------|-----------|--|---------------------------|------|---------------------------|---------------------------|------------------|-------------------------|--------------|--------|-----------------|--------------------------|
| Seq Num                         | Transition Identifier | Fly Over | Rec Navaid | Fix Ident | Path and Terminator  | Course Angle              | Turn | Upper Limit Altitude (FT) | Lower Limit Altitude (FT) | Speed Limit (KT) | Speed Limit Description | TM DST (NM)  | VA (°) | Role of the Fix | Navigation Specification |
| 10                              | RW09L                 | N        | N/A        | AMVUL     | CF   | 95.39° Mag<br>73.67° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 5.00         | 2.86   | OTHER           | RNAV 1 or RNP 1          |
| 10                              | RW09R                 | N        | N/A        | AMVUL     | CF   | 95.40° Mag<br>73.68° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 5.50         | 2.86   | OTHER           | RNAV 1 or RNP 1          |
| 10                              | MOLDU                 | N        | N/A        | AMVUL     | IF   | N/A                       | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                              | MOLDU                 | N        | N/A        | GR222     | TF   | 79.66° Mag<br>57.87° True | N/A  | -10000                    | N/A                       | N/A              | N/A                     | 3.00         | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 30                              | MOLDU                 | N        | N/A        | GR217     | TF   | 79.69° Mag<br>57.80° True | N/A  | N/A                       | +10000                    | N/A              | N/A                     | 18.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 40                              | MOLDU                 | N        | N/A        | GR218     | TF   | 31.98° Mag<br>9.58° True  | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 7.24         | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 50                              | MOLDU                 | N        | N/A        | VUMEV     | TF   | 32.04° Mag<br>10.08° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 12.54        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 60                              | MOLDU                 | N        | N/A        | MOLDU     | TF   | 75.94° Mag<br>53.55° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 59.77        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 10                              | UBRIR                 | N        | N/A        | AMVUL     | IF   | N/A                       | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                              | UBRIR                 | N        | N/A        | GR222     | TF   | 79.66° Mag<br>57.87° True | N/A  | -10000                    | N/A                       | N/A              | N/A                     | 3.00         | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 30                              | UBRIR                 | N        | N/A        | GR217     | TF   | 79.69° Mag<br>57.80° True | N/A  | N/A                       | +10000                    | N/A              | N/A                     | 18.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 40                              | UBRIR                 | N        | N/A        | GR218     | TF   | 31.98° Mag<br>9.58° True  | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 7.24         | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 50                              | UBRIR                 | N        | N/A        | VUMEV     | TF   | 32.04° Mag<br>10.08° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 12.54        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 60                              | UBRIR                 | N        | N/A        | UBRIR     | TF   | 35.54° Mag<br>13.41° True | N/A  | N/A                       | N/A                       | N/A              | N/A                     | 42.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 10                              | UKBEV                 | N        | N/A        | AMVUL     | IF   | N/A                       | N/A  | N/A                       | N/A                       | N/A              | N/A                     | N/A          | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 20                              | UKBEV                 | N        | N/A        | GR222     | TF   | 79.66° Mag<br>57.87° True | N/A  | -10000                    | N/A                       | N/A              | N/A                     | 3.00         | N/A    | OTHER           | RNAV 1 or RNP 1          |
| 30                              | UKBEV                 | N        | N/A        | GR217     | TF   | 79.69° Mag<br>57.80° True | N/A  | N/A                       | +10000                    | N/A              | N/A                     | 18.00        | N/A    | OTHER           | RNAV 1 or RNP 1          |

|    |       |   |     |       |    |                             |     |        |        |     |     |       |     |       |                 |
|----|-------|---|-----|-------|----|-----------------------------|-----|--------|--------|-----|-----|-------|-----|-------|-----------------|
| 40 | UKBEV | N | N/A | GR218 | TF | 31.98° Mag<br>9.58° True    | N/A | N/A    | N/A    | N/A | N/A | 7.24  | N/A | OTHER | RNAV 1 or RNP 1 |
| 50 | UKBEV | N | N/A | GR223 | TF | 328.33° Mag<br>306.49° True | N/A | N/A    | +18000 | N/A | N/A | 19.53 | N/A | OTHER | RNAV 1 or RNP 1 |
| 60 | UKBEV | N | N/A | GR224 | TF | 317.48° Mag<br>295.83° True | N/A | N/A    | +25000 | N/A | N/A | 31.73 | N/A | OTHER | RNAV 1 or RNP 1 |
| 70 | UKBEV | N | N/A | UKBEV | TF | 317.52° Mag<br>295.96° True | N/A | N/A    | N/A    | N/A | N/A | 16.08 | N/A | OTHER | RNAV 1 or RNP 1 |
| 10 | NIBRU | N | N/A | AMVUL | IF | N/A                         | N/A | N/A    | N/A    | N/A | N/A | N/A   | N/A | OTHER | RNAV 1 or RNP 1 |
| 20 | NIBRU | N | N/A | GR027 | TF | 131.26° Mag<br>109.50° True | N/A | -10000 | N/A    | N/A | N/A | 6.90  | N/A | OTHER | RNAV 1 or RNP 1 |
| 30 | NIBRU | N | N/A | GR243 | TF | 122.45° Mag<br>100.57° True | N/A | -13000 | N/A    | N/A | N/A | 17.51 | N/A | OTHER | RNAV 1 or RNP 1 |
| 40 | NIBRU | N | N/A | NIBRU | TF | 122.68° Mag<br>100.63° True | N/A | N/A    | N/A    | N/A | N/A | 26.01 | N/A | OTHER | RNAV 1 or RNP 1 |
| 10 | UREMI | N | N/A | AMVUL | IF | N/A                         | N/A | N/A    | N/A    | N/A | N/A | N/A   | N/A | OTHER | RNAV 1 or RNP 1 |
| 20 | UREMI | N | N/A | GR027 | TF | 131.26° Mag<br>109.50° True | N/A | -10000 | N/A    | N/A | N/A | 6.90  | N/A | OTHER | RNAV 1 or RNP 1 |
| 30 | UREMI | N | N/A | GR243 | TF | 122.45° Mag<br>100.57° True | N/A | -13000 | N/A    | N/A | N/A | 17.51 | N/A | OTHER | RNAV 1 or RNP 1 |
| 40 | UREMI | N | N/A | UREMI | TF | 97.08° Mag<br>75.01° True   | N/A | N/A    | N/A    | N/A | N/A | 23.93 | N/A | OTHER | RNAV 1 or RNP 1 |
| 10 | VUMEV | N | N/A | AMVUL | IF | N/A                         | N/A | N/A    | N/A    | N/A | N/A | N/A   | N/A | OTHER | RNAV 1 or RNP 1 |
| 20 | VUMEV | N | N/A | GR222 | TF | 79.66° Mag<br>57.87° True   | N/A | -10000 | N/A    | N/A | N/A | 3.00  | N/A | OTHER | RNAV 1 or RNP 1 |
| 30 | VUMEV | N | N/A | GR217 | TF | 79.69° Mag<br>57.80° True   | N/A | N/A    | +10000 | N/A | N/A | 18.00 | N/A | OTHER | RNAV 1 or RNP 1 |
| 40 | VUMEV | N | N/A | GR218 | TF | 31.98° Mag<br>9.58° True    | N/A | N/A    | N/A    | N/A | N/A | 7.24  | N/A | OTHER | RNAV 1 or RNP 1 |
| 50 | VUMEV | N | N/A | VUMEV | TF | 32.04° Mag<br>10.08° True   | N/A | N/A    | N/A    | N/A | N/A | 12.54 | N/A | OTHER | RNAV 1 or RNP 1 |

| Ident | Latitude / Longitude (WGS84)<br>DD:MM:SS.SS |
|-------|---|
| AMVUL | S 23:23:58.52W 46:21:44.04                  |
| GR027 | S 23:26:17.30W 46:14:39.94                  |
| GR243 | S 23:29:31.82W 45:55:57.05                  |
| UREMI | S 23:23:20.96W 45:30:46.75                  |
| NIBRU | S 23:34:23.05W 45:28:08.26                  |
| GR222 | S 23:22:22.51W 46:18:58.16                  |
| GR217 | S 23:12:45.37W 46:02:23.85                  |
| GR218 | S 23:05:35.84W 46:01:01.16                  |
| VUMEV | S 22:53:12.60W 45:58:38.40                  |
| UBRIR | S 22:12:13.16W 45:48:05.68                  |
| MOLDU | S 22:17:43.20W 45:06:34.20                  |
| GR223 | S 22:53:57.10W 46:18:02.80                  |
| GR224 | S 22:40:07.07W 46:48:58.75                  |
| UKBEV | S 22:33:04.69W 47:04:36.43                  |

| COD | Meaning                    |
|-----|----------------------------|
| +   | AT OR ABOVE                |
| -   | AT OR BELOW                |
| @   | AT                         |
| R   | RECOMMENDED                |
| B   | BETWEEN                    |
| =   | AS ASSIGNED                |
| SDF | STEPDOWN FIX               |
| Y   | YES                        |
| N   | NO                         |
| L   | LEFT                       |
| R   | RIGHT                      |
| N/A | NOT APPLICABLE             |
| LTP | LANDING THRESHOLD POINT    |
| FTP | FICTITIOUS THRESHOLD POINT |

| DER | Latitude / Longitude (WGS84) DD:MM:SS.SS | Elevation (FT) |
|-----|--|----------------|
| 09R | S 23:25:49.54W 46:27:21.73               | 2443.86 ft     |
| 09L | S 23:25:30.17W 46:26:57.06               | 2441 ft        |