## Tuba scale transpositions

The following table lists technical work keys for tuba.

| Eb tuba<br>bass clef | Eb bass, Bb bass<br>treble clef | B♭ tuba<br>bass clef | F tuba<br>bass clef | C tuba<br>bass clef |
|----------------------|---------------------------------|----------------------|---------------------|---------------------|
| Grade 1              |                                 |                      |                     |                     |
| ЕЬ                   | С                               | ВЬ                   | F                   | С                   |
| Cm                   | Am                              | Gm                   | Dm                  | Am                  |
| Grade 2              |                                 |                      |                     |                     |
| F                    | D                               | С                    | G                   | D                   |
| Db                   | Вь                              | АЬ                   | ЕЬ                  | ВЬ                  |
| Fm                   | Dm                              | Cm                   | Gm                  | Dm                  |
| Grade 3              |                                 |                      |                     |                     |
| G                    | E                               | D                    | A                   | E                   |
| GЬ                   | ЕЬ                              | Db                   | Аь                  | ЕЬ                  |
| Ebm                  | Cm                              | Bbm                  | Fm                  | Cm                  |
| Em                   | C#m                             | Bm                   | F#m                 | C#m                 |
| Whole-tone Eb        | Whole-tone C                    | Whole-tone Bb        | Whole-tone F        | Whole-tone C        |
| Grade 4              |                                 |                      |                     |                     |
| АЬ                   | F                               | ЕЬ                   | ВЬ                  | F                   |
| C                    | A                               | G                    | D                   | A                   |
| Abm                  | Fm                              | Ebm                  | Bbm                 | Fm                  |
| Am                   | F#m                             | Em                   | Bm                  | F#m                 |
| Whole-tone Ab        | Whole-tone F                    | Whole-tone E♭        | Whole-tone B♭       | Whole-tone F        |
| Chrom Eb             | Chrom C                         | Chrom Bb             | Chrom F             | Chrom C             |
| Grade 5              |                                 |                      |                     |                     |
| Вь                   | G                               | F                    | С                   | G                   |
| Bbm                  | Gm                              | Fm                   | Cm                  | Gm                  |
| В                    | АЬ                              | Gb                   | Db                  | АЬ                  |
| Dm                   | Bm                              | Am                   | Em                  | Bm                  |
| Gm                   | Em                              | Dm                   | Am                  | Em                  |
| Whole-tone Bb        | Whole-tone G                    | Whole-tone F         | Whole-tone C        | Whole-tone G        |
| Chrom Bb             | Chrom G                         | Chrom F              | Chrom C             | Chrom G             |
| Dom 7th key Bb       | Dom 7th key G                   | Dom 7th key F        | Dom 7th key C       | Dom 7th key G       |

| CTC ATC GTC DTC A BTC Ab TC F# TC C# TC A BTC Am TC Gm TC Dm TC A Bm TC G#m TC F#m TC C#m TC G Whole-tone B Whole-tone Ab Whole-tone F# Whole-tone C# W Dom 7th key E Dom 7th key Db Dom 7th key B Dom 7th key F# D Dim 7th C Dim 7th A Dim 7th G Dim 7th D D Aug arp C Aug arp A Aug arp G Aug arp D A  Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex D DTC B TC A TC E TC B Db TC Bb TC Ab TC Eb TC B Dm TC Bbm TC G#m TC Bbm TC B |                        |  |  |  |  |  |
|--|------------------------|--|--|--|--|--|
| CTC ATC GTC DTC ABTC GTC DTC ABTC GTC DTC ABTC GTTC AMTC GTTC DTC ATC GTTC GTTC GTTC GTTC GTTC GTTC GTT  | Grade 6                |  |  |  |  |  |
| BTC AbTC F#TC C#TC AMTC CmTC AmTC GmTC DmTC A BmTC G#mTC F#mTC C#mTC G Whole-tone B Whole-tone Ab Whole-tone F# Whole-tone C# W Dom 7th key E Dom 7th key Db Dom 7th key B Dom 7th key F# D Dim 7th C Dim 7th A Dim 7th G Dim 7th D D Aug arp C Aug arp A Aug arp G Aug arp D A  Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex C DTC BTC BTC ATC ETC B DbTC Bb TC Ab TC Eb TC B Dm TC Bm TC Am TC Em TC Bm TC Bbm TC G#m TC Bbm TC C#m TC Bbm TC G#m TC Bbm TC B Whole-tone D Whole-tone B Whole-tone A Whole-tone E W Whole-tone Db Whole-tone Bb Whole-tone Ab Whole-tone Eb W Dom 7th key G Dom 7th key E Dom 7th key D Dom 7th key Ab D Dim 7th D Dim 7th B Dim 7th A Dim 7th E D   | Chrom A with lip flex  |  |  |  |  |  |
| Cm TC Am TC Gm TC Dm TC A  Bm TC G#m TC F#m TC C#m TC G  Whole-tone B Whole-tone Ab Whole-tone F# Whole-tone C# W  Dom 7th key E Dom 7th key Db Dom 7th key B Dom 7th key F# D  Dim 7th C Dim 7th A Dim 7th G Dim 7th D D  Aug arp C Aug arp A Aug arp G Aug arp D A  Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex C  D TC B TC A TC E TC B  Db TC Bb TC Ab TC Eb TC B  Dm TC Bm TC Am TC Em TC B  Whole-tone D Whole-tone B Whole-tone A Whole-tone E W  Whole-tone D Whole-tone B Whole-tone A Whole-tone E W  Whole-tone Db Whole-tone Bb Whole-tone Ab Whole-tone Eb Dom 7th key G Dom 7th key E Dom 7th key D Dom 7th key A D  Dim 7th D Dim 7th B Dim 7th A Dim 7th E D  | A TC                   |  |  |  |  |  |
| Bm TC G#m TC F#m TC C#m TC G Whole-tone B Whole-tone Ab Whole-tone F# Whole-tone C# W Dom 7th key E Dom 7th key Db Dom 7th key B Dom 7th key F# D Dim 7th C Dim 7th A Dim 7th G Dim 7th D D Aug arp C Aug arp A Aug arp G Aug arp D A  Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex D D TC B TC A TC E TC B Db TC Bb TC Ab TC Eb TC B Dm TC Bm TC Am TC Em TC B C#m TC Bbm TC G#m TC Bbm  | <b>АЬ ТС</b>           |  |  |  |  |  |
| Whole-tone B Whole-tone Ab Whole-tone F# Whole-tone C# Whole-tone B Dom 7th key E Dom 7th key Db Dom 7th key B Dom 7th key F# DD Dom 7th key E Dim 7th A Dim 7th G Dim 7th D D Dom 7th Aug arp C Aug arp A Aug arp G Aug arp D A Dom 7th Ip flex Chrom D with Ip flex Chrom B with Ip flex Chrom A with Ip flex Chrom E with Ip flex D TC B TC B TC B DTC B TC B TC B DTC B TC B   | Am TC                  |  |  |  |  |  |
| Dom 7th key E Dom 7th key Db Dom 7th key B Dom 7th key F# Dim 7th C Dim 7th A Dim 7th G Dim 7th D Dim 7th D Dim 7th C Aug arp A Aug arp G Aug arp D A Dim 7th D Dim 7th Rey D Dom 7th Rey A Dim 7th Rey A Dim 7th D Dim 7th B Dim 7th A Dim 7th E Dim 7th E Dim 7th D Dim 7th B Dim 7th A Dim 7th E DD Dim 7th B Dim 7th A Dim 7th E DD Dim 7th B Dim 7th A Dim 7th E DD Dim 7th B Dim 7th A Dim 7th E DD DIM 7th B Dim 7th A Dim 7th E DD DIM 7th B Dim 7th A Dim 7th E DD DIM 7th B Dim 7th A Dim 7th E DD DIM 7th B DIM 7th A DIM 7th D DIM 7th B DIM 7th A DIM 7th B DIM 7th B DIM 7th A DIM 7th E DD DIM 7th B DIM 7th A DIM 7th E DD DIM 7th B DIM 7th A DIM 7th E DD DIM 7th B DIM 7th A DIM 7th B DIM 7th B DIM 7th A DIM 7th B DIM 7th B DIM 7th A DIM 7th B DIM 7th B DIM 7th A DIM 7th B DIM 7th B DIM 7th A DIM 7th B DIM 7th B DIM 7th A DIM 7th B DIM  | G#m TC                 |  |  |  |  |  |
| Dim 7th C Dim 7th A Dim 7th G Dim 7th D D Aug arp C Aug arp A Aug arp G Aug arp D A  Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex Chrom D b TC  | Whole-tone A♭          |  |  |  |  |  |
| Aug arp C Aug arp A Aug arp G Aug arp D A  Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex CD TC BTC BTC BTC BTC BTC BTC BTC BTC BTC  | Dom 7th key Db         |  |  |  |  |  |
| Grade 7  Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex CD DTC BTC BTC BBTC ATC ETC BBTC BBTC ABTC EBTC BBTC BTC BTC BTC BTC BTC BTC BTC BTC  | Dim 7th A              |  |  |  |  |  |
| Chrom D with lip flex Chrom B with lip flex Chrom A with lip flex Chrom E with lip flex CD TC BTC BTC BTC BTC BTC BTC BTC BTC BTC  | Aug arp A              |  |  |  |  |  |
| D TC         B TC         A TC         E TC         B           Db TC         Bb TC         Ab TC         Eb TC         B           Dm TC         Bm TC         Am TC         Em TC         B           C#m TC         Bbm TC         G#m TC         Ebm TC         B           Whole-tone D         Whole-tone B         Whole-tone A         Whole-tone E         W           Whole-tone Db         Whole-tone Bb         Whole-tone Ab         Whole-tone Eb         W           Dom 7th key G         Dom 7th key E         Dom 7th key D         Dom 7th key A         D           Dom 7th key Gb/F#         Dom 7th key Eb         Dom 7th key Db/C#         Dom 7th key Ab         D           Dim 7th D         Dim 7th B         Dim 7th A         Dim 7th E         D  |                        |  |  |  |  |  |
| Db TC         Bb TC         Ab TC         Eb TC         B           Dm TC         Bm TC         Am TC         Em TC         B           C#m TC         Bbm TC         G#m TC         Ebm TC         B           Whole-tone D         Whole-tone B         Whole-tone A         Whole-tone E         W           Whole-tone Db         Whole-tone Bb         Whole-tone Ab         Whole-tone Eb         W           Dom 7th key G         Dom 7th key E         Dom 7th key D         Dom 7th key A         D           Dom 7th key Gb/F#         Dom 7th key Eb         Dom 7th key Db/C#         Dom 7th key Ab         D           Dim 7th D         Dim 7th B         Dim 7th A         Dim 7th E         D  | Chrom B with lip flex  |  |  |  |  |  |
| Dm TC Bm TC Am TC Em TC B  C#m TC Bbm TC G#m TC Ebm TC B  Whole-tone D Whole-tone B Whole-tone A Whole-tone E W  Whole-tone Db Whole-tone Bb Whole-tone Ab Whole-tone Eb W  Dom 7th key G Dom 7th key E Dom 7th key D Dom 7th key A D  Dom 7th key Gb/F# Dom 7th key Eb Dom 7th key Db/C# Dom 7th key Ab D  Dim 7th D Dim 7th B Dim 7th A Dim 7th E D  | 3 ТС                   |  |  |  |  |  |
| C#m TC         Bbm TC         G#m TC         Ebm TC         B           Whole-tone D         Whole-tone B         Whole-tone A         Whole-tone E         W           Whole-tone Db         Whole-tone Bb         Whole-tone Ab         Whole-tone Eb         W           Dom 7th key G         Dom 7th key E         Dom 7th key D         Dom 7th key A         D           Dom 7th key Gb/F#         Dom 7th key Eb         Dom 7th key Db/C#         Dom 7th key Ab         D           Dim 7th D         Dim 7th B         Dim 7th A         Dim 7th E         D  | ЗЬ ТС                  |  |  |  |  |  |
| Whole-tone D Whole-tone B Whole-tone A Whole-tone E Whole-tone Db Whole-tone Bb Whole-tone Ab Whole-tone Eb Whole-tone Bb Whole-tone Ab Whole-tone Eb Whole-tone Ab Dom 7th key G Dom 7th key E Dom 7th key D Dom 7th key A D Dom 7th key Gb/F# Dom 7th key Eb Dom 7th key Db/C# Dom 7th key Ab Dim 7th D Dim 7th B Dim 7th A Dim 7th E D  | 3m TC                  |  |  |  |  |  |
| Whole-tone DbWhole-tone BbWhole-tone AbWhole-tone EbWDom 7th key GDom 7th key EDom 7th key DDom 7th key ADDom 7th key Gb/F#Dom 7th key EbDom 7th key Db/C#Dom 7th key AbDDim 7th DDim 7th BDim 7th ADim 7th ED   | Зьт TC                 |  |  |  |  |  |
| Dom 7th key G         Dom 7th key E         Dom 7th key D         Dom 7th key A         D           Dom 7th key Gb/F#         Dom 7th key Eb         Dom 7th key Db/C#         Dom 7th key Ab         D           Dim 7th D         Dim 7th B         Dim 7th A         Dim 7th E         D  | Whole-tone B           |  |  |  |  |  |
| Dom 7th key Gb/F#     Dom 7th key Eb     Dom 7th key Db/C#     Dom 7th key Ab     D       Dim 7th D     Dim 7th B     Dim 7th A     Dim 7th E     D  | Whole-tone Bb          |  |  |  |  |  |
| Dim 7th D Dim 7th B Dim 7th A Dim 7th E D  | Dom 7th key E          |  |  |  |  |  |
|  | Dom 7th key E♭         |  |  |  |  |  |
| Dim 7th Db/C# Dim 7th Bb Dim 7th Ab Dim 7th Eb D   | Dim 7th B              |  |  |  |  |  |
|  | Dim 7th B♭             |  |  |  |  |  |
| Aug arp D Aug arp B Aug arp A Aug arp E A  | Aug arp B              |  |  |  |  |  |
| Aug arp Db/C# Aug arp Bb Aug arp Ab Aug arp Eb A   | Aug arp Bb             |  |  |  |  |  |
| Grade 8  |                        |  |  |  |  |  |
| Chrom E with lip flex Chrom C# with lip flex Chrom B with lip flex Chrom F# with lip flex C  | Chrom C# with lip flex |  |  |  |  |  |
| Eb TC C TC Bb TC F TC C  | СТС                    |  |  |  |  |  |
| A TC F# TC E TC B TC F   | F# TC                  |  |  |  |  |  |
| Ebm TC Cm TC Bbm TC Fm TC C  | Cm TC                  |  |  |  |  |  |
| Am TC F#m TC Em TC Bm TC F   | -∓m TC                 |  |  |  |  |  |
| Bb crabwise G crabwise F crabwise C crabwise G   | G crabwise             |  |  |  |  |  |
| Whole-tone Eb Whole-tone C Whole-tone Bb Whole-tone F W  | Whole-tone C           |  |  |  |  |  |
| Whole-tone A Whole-tone F# Whole-tone E Whole-tone B W   | Whole-tone F#          |  |  |  |  |  |
| Dom 7th key Ab Dom 7th key F Dom 7th key Eb Dom 7th key Bb D   | Dom 7th key F          |  |  |  |  |  |
| Dom 7th key D Dom 7th key B Dom 7th key A Dom 7th key E D  | Dom 7th key B          |  |  |  |  |  |
| Dim 7th Eb Dim 7th C Dim 7th Bb Dim 7th F D  | Dim 7th C              |  |  |  |  |  |
| Dim 7th A Dim 7th F# Dim 7th E Dim 7th B D   | Dim 7th F#             |  |  |  |  |  |
| Aug arp Eb Aug arp C Aug arp Bb Aug arp F A  | Aug arp C              |  |  |  |  |  |
| Aug arp A Aug arp F# Aug arp E Aug arp B A   | Aug arp F#             |  |  |  |  |  |