

Summary Propagation Tables for Saudi Arabia (Riyadh)

| SSN Ultra High | SSN Very High | SSN High | SSN Medium | SSN Low | SSN Very Low |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| January | January | January | January | January | January |
| February | February | February | February | February | February |
| March | March | March | March | March | March |
| April | April | April | April | April | April |
| May | May | May | May | May | May |
| June | June | June | June | June | June |
| July | July | July | July | July | July |
| August | August | August | August | August | August |
| September | September | September | September | September | September |
| October | October | October | October | October | October |
| November | November | November | November | November | November |
| December | December | December | December | December | December |

Each of the month names in the above table is a hyperlink to the corresponding page of this document. Click on the one you want to jump to.

Jan., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|--|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 5 | 9 | 9+ | 8 | 8 | 9 | - | 2* | 9 | 8 | 6 | 2* | 2* | - | 2* | 9 | 8 | 5 | 1* | 1* | 0 | | | | |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 5 | 9 | 9+ | 6 | 7 | 8 | - | 1* | 9 | 9 | 6 | 2 | 2* | - | 1* | 5 | - | 5 | 1* | - | 1 | | | | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 3 | 7 | 9+ | 9 | - | 9 | 8 | 9+ | 9 | 9 | 9+ | 7 | 5 | - | 9 | 6 | 5 | 6 | 7 | 2* | - | - | - | - | 5 | - | 1* | 2 | | | | |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9+ | - | 8 | 9+ | 9 | - | 8 | 6 | 9 | 9 | 5 | 9+ | 6 | 8 | - | 9+ | 5* | 4* | 9+ | 8 | 5* | - | 9+ | 5* | 5* | 5 | 8 | 3* | 3 | | | | |
| 4 | 7 | - | - | 9+ | 9+ | - | 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 6 | 9 | 9+ | 9+ | 5* | 9 | 4 | 9 | 4 | 2* | 9+ | 8 | 8 | - | 9 | 7* | 4 | 9+ | 8 | 5* | 4 | | | | |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 2 | 9+ | 9+ | - | 6 | 9+ | 4 | 8 | 9+ | 9+ | 4 | 9 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 6 | 8 | 9 | 9 | - | 9+ | 8 | 5* | 5 | | | | |
| 6 | - | - | - | 1 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 2 | 9 | 3 | 8 | 9+ | 9+ | 2 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 1 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 4* | 6 | | | | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 3 | 5 | 9+ | 9+ | 2 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 6 | 1* | 9+ | 9 | 5 | 9+ | 9+ | 8 | 3* | 7 | | | | |
| 8 | - | - | - | - | 9 | - | - | - | - | - | 1 | 9+ | - | - | 8 | 3 | 1 | 9+ | 9+ | 2 | 4 | 9 | 8 | 6 | 9+ | 9+ | 8 | - | 9+ | 9 | 2* | 9+ | 9+ | 9 | 3* | 8 | | | | |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 1 | 9+ | 9+ | 3 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 1* | 9+ | 9 | 5 | 9+ | 9+ | 9 | 3* | 9 | | | | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | 6 | - | 8 | 7 | 1 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 8 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | - | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | 2 | 3 | - | 6 | 9+ | 4 | 1 | 9+ | 9 | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 2 | 12 | | | | |
| 13 | 1 | 1 | - | 4 | 9+ | 1 | - | 8 | 7 | - | 9 | 9+ | 6 | 2 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 13 | | | | |
| 14 | 6 | 6 | - | 9 | 9+ | 4 | - | 9 | 9 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 14 | | | | |
| 15 | 8 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 15 | | | | |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9 | 9+ | 6* | 16 | | | | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 5 | 5* | 9+ | 9 | 9+ | 5 | 8 | 5* | 17 | | | | |
| 18 | 9+ | 7 | - | 9+ | 9+ | 7 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 6 | 9 | 4* | 4* | 9+ | 9 | 9+ | 5 | 5 | 3* | 18 | | | | |
| 19 | 9+ | 7 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 7 | 8 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9+ | 6 | 9 | 2* | - | 9 | 9 | 9+ | 5 | 5* | 5* | 19 | | | | |
| 20 | 9 | 8 | - | 9+ | 9+ | 7 | 3 | 9+ | 9 | 3 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 9+ | 6 | 9 | 1* | - | 8 | 9 | 9+ | 5 | 5* | 3* | 20 | | | | |
| 21 | 9 | 8 | - | 9+ | 9+ | 5 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | - | 9+ | 9+ | 9+ | 6 | 8 | 1* | - | 5 | 9 | 9 | 5 | 4* | 3* | 21 | | | | |
| 22 | 9+ | 6 | - | 9+ | 9+ | 5 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 1 | 9 | 9+ | 9+ | 6 | 8 | 1* | - | 4* | 9 | 9 | 5 | 3* | 3* | 22 | | | | |
| 23 | 9+ | 5 | 5 | 9+ | 9+ | 2 | 7 | 9+ | 8 | 7 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | - | 6 | 9+ | 9+ | 6 | 9 | 2* | - | 4* | 9 | 9 | 5 | 4* | 2* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Feb., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|--|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9 | 4 | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 7 | 2 | 9 | 9+ | 6 | 8 | 5 | - | 4* | 9 | 9 | 5* | 4* | 3* | 0 | | | | |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 1 | 1 | 9 | 7 | 6 | 6 | 3* | - | 1* | 9 | 8 | 5 | 3* | 1* | 1 | | | | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 3 | 7 | 9+ | 9 | - | 7 | 9+ | 9 | 9 | 9 | 9+ | 7 | 9 | - | 9 | 9 | 8 | 6 | 8 | 3* | - | - | 3 | - | 5 | - | 1* | 2 | | | | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 4 | 9 | - | 7 | 9+ | 9 | - | 8 | 9+ | 8 | 9 | 4 | 9+ | 5 | 9 | - | 9+ | 3 | 7 | 9+ | 8 | 5* | - | 9+ | 6* | 3* | 6 | 9 | 5* | 3 | | | | |
| 4 | 6 | - | - | 9 | 9+ | - | 1 | 9 | - | 4 | 9+ | 9+ | - | 7 | 9+ | 5 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 5 | 7 | 9+ | 8* | 9 | - | 9 | 5* | 8 | 9+ | 8 | 7* | 4 | | | | |
| 5 | 1 | - | - | 7 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 5 | 9+ | 1 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 8 | 9 | 9+ | 9+ | 8* | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 6* | 5 | | | | |
| 6 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9+ | 4 | 7 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 5 | 6 | 9 | 9 | 9+ | 9+ | 8 | 4* | 6 | | | | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 8 | 1 | 5 | 9+ | 9+ | 5 | 6 | 9+ | 7 | 7 | 9+ | 9+ | 6 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 2* | 7 | | | | |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 2 | 1 | 9 | 9+ | 7 | 3 | 9 | 8 | 6 | 9+ | 9+ | 5 | 1 | 9+ | 9 | 3* | 9+ | 9+ | 8 | 3* | 8 | | | | |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | 4 | - | 6 | 4 | 1 | 9 | 9+ | 8 | 3 | 9 | 8 | 4 | 9+ | 9+ | 6 | 1* | 9 | 9 | 6 | 9+ | 9+ | 8 | 3* | 9 | | | | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 6 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 4* | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 8 | 1* | 9+ | 9+ | 7 | 2 | 9 | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | - | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | 1 | 2 | - | 4 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 8 | 12 | | | | |
| 13 | - | - | - | 1 | 9+ | 9 | - | 5 | 5 | - | 8 | 9+ | 5 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 13 | | | | |
| 14 | 3 | 5 | - | 8 | 9+ | 3 | - | 8 | 8 | - | 9+ | 9+ | 6 | 3 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7* | 9+ | 9+ | 9 | 9 | 14 | | | | |
| 15 | 7 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 4* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 15 | | | | |
| 16 | 9 | 9 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 16 | | | | |
| 17 | 9 | 7 | - | 9+ | 9+ | 4 | - | 9 | 9 | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 5* | 17 | | | | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 3 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9+ | 9 | 9 | 5* | 18 | | | | |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 5 | 4 | 9+ | 9 | 9+ | 6 | 8 | 3* | 19 | | | | |
| 20 | 9 | 8 | - | 9+ | 9+ | 7 | - | 9+ | 9 | 3 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 2 | 5 | 9+ | 9 | 9+ | 5 | 6 | 4* | 20 | | | | |
| 21 | 9 | 7 | - | 9+ | 9+ | 6 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 1 | 1 | 9 | 9+ | 9+ | 5 | 3* | 4* | 21 | | | | |
| 22 | 9 | 8 | - | 9+ | 9+ | 5 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9+ | 9 | 9 | 1* | - | 6 | 9 | 9+ | 5 | 2* | 4* | 22 | | | | |
| 23 | 9 | 8 | 4 | 9+ | 9+ | 2 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9 | 6 | 9 | 5 | - | 5* | 9 | 9 | 5 | 7 | 4* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Apr., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 3 | 6 | 9+ | 9+ | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 5* | 9 | 9+ | 6* | 8 | 4* | 0 |
| 1 | 9 | - | 6 | 9+ | 9+ | - | 5 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 6 | 8 | 9 | 9 | 5* | 7 | 3* | 1 |
| 2 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9 | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 5 | 9+ | 9 | 9 | 8 | 8 | 5* | 2 |
| 3 | 7 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 3* | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 8 | 9+ | 7 | 9 | 9+ | 9 | 7* | 3 |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 5 | 9+ | 4 | 9 | 9+ | 9+ | 2* | 9 | 9+ | 9 | 9 | 9+ | 9+ | 6* | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 7 | 4 |
| 5 | - | - | - | 4 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9+ | 2* | 8 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 6* | 5 |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | - | 8 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9 | - | - | - | - | - | 1 | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | 8 | 5 | 9 | 8 | 8 | 9+ | 9 | 6 | 6 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | 2 | - | 6 | 1 | 1 | 9 | 9+ | 8 | 2 | 9 | 7 | 7 | 9+ | 9+ | 5 | 5 | 9+ | 9 | 3* | 9+ | 9+ | 8 | 2* | 8 |
| 9 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | 3 | - | 6 | 3 | - | 8 | 9+ | 8 | 1 | 9 | 8 | 5 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9 |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 6 | 5 | - | 8 | 9+ | 3 | 1 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 3* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 8 | - | 9 | 9+ | 5 | 3 | 9+ | 9 | 3 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 3* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 2 | 9+ | 1 | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 3* | 12 |
| 13 | - | - | - | - | 9+ | - | - | 1 | 5 | - | 7 | 9+ | 4 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 6 | 13 |
| 14 | - | 2 | - | 5 | 9+ | 1 | - | 4 | 8 | - | 9 | 9+ | 6 | 2 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7* | 9+ | 9+ | 9 | 7 | 14 |
| 15 | 2 | 7 | - | 9 | 9+ | 5 | - | 8 | 9 | - | 9+ | 9+ | 7 | 1 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 4* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 7 | 15 |
| 16 | 7 | 8 | - | 9+ | 9+ | 6 | - | 8 | 9 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 17 |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 1 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 19 |
| 20 | 9 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | 4 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 8 | 20 |
| 21 | 9 | 8 | 1 | 9+ | 9+ | 7 | - | 9+ | 9 | 6 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 7 | 21 |
| 22 | 9 | 8 | 1 | 9+ | 9+ | 3 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 6 | 9 | 9+ | 9 | 6 | 7 | 22 |
| 23 | 9 | 7 | 3 | 9+ | 9+ | - | 6 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 6* | 9 | 9+ | 5 | 9 | 5* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

May, Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|---|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9 | 1 | 2 | 9+ | 9+ | - | 2 | 9 | 8 | 8 | 9+ | 9+ | 4 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9 | 8 | 9 | 8 | 8 | 7 | 6 | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 2 | 9 | 4 | 7 | 9+ | 9+ | 1 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 8 | 8 | 5 | 1 |
| 2 | 8 | - | 1 | 9+ | 9+ | - | 1 | 9 | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 9 | 9 | 7 | 2 |
| 3 | 5 | - | - | 9 | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 7 | 9 | 9+ | 9+ | 3 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 8 | 9 | 9+ | 9 | 7 | 3 | |
| 4 | 1 | - | - | 8 | 9+ | - | - | 6 | - | 2 | 9+ | 9+ | - | 2 | 9+ | 4 | 9 | 9+ | 9+ | 2* | 9 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 7* | 4 | |
| 5 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | - | 9 | 1 | 7 | 9+ | 9 | 1* | 8 | 9+ | 7 | 9 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 6* | 5 | |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 8 | - | 5 | 9+ | 9 | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 4 | 6 | 9+ | 8 | 9 | 9 | 9+ | 8 | 4* | 6 | |
| 7 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | - | 2 | 9+ | 9+ | - | 4 | 9+ | 7 | 8 | 9+ | 9+ | 4 | 5 | 9+ | 8 | 8 | 9 | 9+ | 8 | 3* | 7 | |
| 8 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | - | - | 9 | 9+ | - | 2 | 9 | 7 | 6 | 9+ | 9+ | 4 | 4 | 9+ | 8 | 5 | 4 | 9+ | 8 | 2* | 8 | |
| 9 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | 2 | - | 8 | 9+ | 2 | 1 | 9 | 8 | 5 | 9+ | 9+ | 5 | 4 | 9+ | 9 | 7 | 4 | 9+ | 9 | 2* | 9 | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 6 | 5 | - | 9 | 9+ | 3 | 1 | 9 | 9 | 3 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 3* | 10 | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 7 | 7 | - | 9 | 9+ | 6 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 4* | 11 | |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 1 | 9+ | 1 | - | 8 | 9 | 1* | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 4* | 12 | |
| 13 | - | - | - | - | 9+ | - | - | - | 3 | - | 6 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 4 | 13 | |
| 14 | - | 1 | - | 2 | 9+ | - | - | 2 | 7 | - | 9 | 9+ | 6 | - | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 5* | 14 | |
| 15 | 1 | 5 | - | 8 | 9+ | 3 | - | 6 | 8 | - | 9+ | 9+ | 6 | - | 9+ | 9+ | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 6* | 15 | |
| 16 | 5 | 8 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 6* | 16 | |
| 17 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 6* | 17 | |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | - | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 5* | 18 | |
| 19 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 2 | 9+ | 9+ | 8 | - | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 6 | 19 | |
| 20 | 9 | 6 | - | 9+ | 9+ | 7 | - | 9 | 9 | 4 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 5 | 20 | |
| 21 | 9 | 8 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 5 | 21 | |
| 22 | 9 | 8 | 3 | 9+ | 9+ | 5 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9+ | 9 | 6* | 5 | 22 | |
| 23 | 9 | 5 | 2 | 9+ | 9+ | 1 | 1 | 9 | 8 | 8 | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9 | 9 | 9 | 8 | 6 | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

Jun., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9 | - | 4 | 9+ | 9+ | - | - | 9 | 7 | 7 | 9+ | 9+ | 4 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 7 | 4 | 8 | 8 | 6* | 3* | 1* | 0 |
| 1 | 8 | - | 2 | 9+ | 9+ | - | 1 | 9 | 2 | 8 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 5 | 7 | 7 | 5 | 5 | 6 | 2 | 1 | |
| 2 | 7 | - | 1 | 9+ | 9+ | - | - | 9 | - | 6 | 9+ | 9+ | - | 5 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 5 | 8 | 5* | 5* | 9 | 8 | 5* | 2 | |
| 3 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 2 | 9+ | 6 | 9 | 9+ | 9+ | 3 | 9 | 9+ | 9 | 9 | 1 | 9+ | 8 | 9 | 9 | 9 | 6* | 7 | 9+ | 8 | 7* | 3 | |
| 4 | - | - | - | 6 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 1 | 9 | 2 | 9 | 9+ | 9+ | 3* | 8 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 8 | 9 | 9 | 8 | - | 9+ | 8 | 6* | 4 | |
| 5 | - | - | - | - | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | - | 7 | 9+ | 9+ | 1* | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 7 | 9+ | 8 | 8 | 9 | 9 | 8 | 5* | 5 | |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 1 | 5 | 9+ | 9+ | - | 5 | 9+ | 7 | 8 | 9+ | 9+ | 5 | 6 | 9+ | 8 | 8 | 7 | 9 | 8 | 4* | 6 | |
| 7 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | - | 1 | 9+ | 9+ | - | 2 | 9+ | 7 | 8 | 9+ | 9+ | 4 | 1 | 9 | 8 | 6 | 4 | 9+ | 8 | 2* | 7 | |
| 8 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | - | - | 9+ | 9+ | - | 1 | 9+ | 7 | 6 | 9+ | 9+ | 5 | 2 | 9+ | 8 | 5 | 9 | 9+ | 8 | 1* | 8 | |
| 9 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | 2 | - | 9+ | 9+ | 1 | 2 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 7 | 9 | 9+ | 8 | 2* | 9 | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 6 | 4 | - | 9+ | 9+ | 2 | 1 | 9+ | 9 | 3 | 15 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 7 | 9 | 9+ | 9 | 2* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 7 | 6 | - | 9+ | 9+ | 5 | 2 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 3 | 9+ | 9 | 7 | 9 | 9+ | 9 | 2* | 11 | |
| 12 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 7 | 3 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 7 | 5 | 9+ | 9 | 2* | 12 | |
| 13 | - | - | - | - | 9+ | - | - | - | 4 | - | 5 | 9+ | 2 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 7 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 2* | 13 | |
| 14 | - | - | - | 1 | 9+ | - | - | 1 | 7 | - | 8 | 9+ | 5 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 7 | 9+ | 9+ | 4* | 14 | |
| 15 | - | 4 | - | 7 | 9+ | 2 | - | 4 | 8 | - | 9+ | 9+ | 6 | - | 9+ | 9+ | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 6* | 15 | |
| 16 | 3 | 8 | - | 9 | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 9 | 7 | 8 | 8 | 5* | 16 | |
| 17 | 7 | 8 | - | 9+ | 9+ | 7 | - | 8 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 8 | 9 | 9 | 7* | 7 | 2* | 17 | |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 8 | - | 9+ | 9+ | 9 | - | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 7 | 9 | 9 | 6 | 8 | 2* | 18 | |
| 19 | 9 | 6 | 7 | 9+ | 9+ | 8 | - | 9 | 8 | 2 | 9+ | 9+ | 9 | - | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 7 | 9+ | 7 | 9 | 9 | 7 | 8 | 1* | 19 | |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 4 | 9+ | 9+ | 8 | - | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 9+ | 6 | 9 | 9 | 6 | 7 | 1* | 20 | |
| 21 | 9 | 9 | 3 | 9+ | 9+ | 7 | - | 9 | 9 | 5 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 5 | 9 | 9 | 5 | 5 | 1* | 21 | |
| 22 | 9 | 7 | 9 | 9+ | 9+ | 6 | - | 9 | 9 | 8 | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 5* | 9 | 8 | 5 | 7* | 2 | 22 | |
| 23 | 9 | 4 | 6 | 9+ | 9+ | 2 | - | 9 | 8 | 8 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 6* | 9 | 8 | 5 | 4 | 2 | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

Jul., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 1 | 4 | 9+ | 9+ | - | 1 | 9 | 7 | 8 | 9+ | 9+ | 4 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 7 | 5* | 9 | 9 | 5 | 4* | 2* | 0 |
| 1 | 9 | - | 3 | 9+ | 9+ | - | 1 | 9 | 4 | 7 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 4 | 2* | 7 | 6 | 5 | 3 | 1* | 1 |
| 2 | 8 | - | 1 | 9+ | 9+ | - | 1 | 9 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9 | 4 | 7 | 5 | 5* | 9 | 8 | 4* | 2 |
| 3 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 4 | 9+ | 7 | 9 | 9+ | 9+ | 2 | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 9 | 9 | 9 | 6* | 4* | 9+ | 8 | 7* | 3 |
| 4 | - | - | - | 7 | 9+ | - | - | 6 | - | 2 | 9 | 9+ | - | 1 | 9+ | 2 | 8 | 9+ | 9+ | 2* | 8 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 9 | 9 | 9 | 8 | - | 9+ | 8 | 7* | 4 |
| 5 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | - | 7 | 9+ | 9+ | 1* | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 8 | 9 | 8 | 8 | 7 | 9 | 8 | 5* | 5 |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 6 | 9 | 8 | 8 | 5 | 9 | 8 | 4* | 6 |
| 7 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | - | 1 | 9+ | 9+ | - | 3 | 9+ | 7 | 8 | 9+ | 9+ | 4 | 2 | 9 | 8 | 5 | 9 | 9+ | 8 | 3* | 7 |
| 8 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | 1 | - | 9+ | 9+ | - | 1 | 9+ | 7 | 6 | 9+ | 9+ | 5 | 3 | 9+ | 8 | 4 | 8 | 9+ | 8 | 2* | 8 |
| 9 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | 1 | - | 8 | 9+ | 2 | 1 | 9 | 8 | 4 | 9+ | 9+ | 6 | 5 | 9+ | 9 | 6 | 9 | 9+ | 9 | 2* | 9 |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 6 | 4 | - | 9+ | 9+ | 3 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 2* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 7 | - | 9+ | 9+ | 6 | 3 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 3* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3* | 12 |
| 13 | - | - | - | - | 9+ | - | - | - | 5 | - | 6 | 9+ | 3 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3* | 13 |
| 14 | - | 1 | - | 2 | 9+ | - | - | 2 | 7 | - | 9 | 9+ | 5 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4* | 14 |
| 15 | - | 5 | - | 8 | 9+ | 4 | - | 6 | 8 | - | 9+ | 9+ | 7 | - | 9+ | 9+ | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 5* | 15 |
| 16 | 5 | 8 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 8 | 7 | 8 | 8 | 6* | 16 |
| 17 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | - | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 7 | 9+ | 8 | 9 | 9+ | 7 | 6* | 5* | 17 |
| 18 | 8 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | - | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 8 | 9 | 9+ | 5 | 7* | 4* | 18 |
| 19 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 2 | 9+ | 9+ | 8 | - | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 8 | 9 | 4 | 6 | 6 | 3* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9+ | 9 | 9 | 5 | 5 | 5* | 3* | 20 |
| 21 | 9 | 9 | 3 | 9+ | 9+ | 8 | - | 9+ | 9 | 6 | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 4* | 9 | 5 | 5 | 4* | 4 | 21 |
| 22 | 9 | 8 | 4 | 9+ | 9+ | 6 | - | 9 | 9 | 8 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 9 | 4* | 9 | 4 | 5 | 6* | 5 | 22 |
| 23 | 9 | 5 | 4 | 9+ | 9+ | 1 | 1 | 9 | 8 | 8 | 9+ | 9+ | 6 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 6* | 9 | 4 | 5 | 5* | 4* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Sep., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|----|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9 | 2 | 5 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 7 | 9 | 8 | 2 | 5* | 9 | 9 | 5* | 4* | 1* | 0 | | | | |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 5 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 8 | 7 | - | 4 | 9 | 7 | 5 | 6 | 1* | 1 | | | | |
| 2 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9 | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 5 | 9+ | 9 | 9+ | 9 | 8 | 9+ | 9 | 8 | - | 9 | 8 | 2* | 7 | 8 | 4* | 2 | | | | |
| 3 | 7 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 2* | 9 | 9+ | 9 | 9 | 6 | 9+ | 7 | 9 | 5 | 9+ | 5* | 3* | 9+ | 8 | 7* | 3 | | | | |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 5 | 9+ | 4 | 9 | 9+ | 9 | 2* | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 6* | 8 | 9+ | 9 | 6 | - | 9+ | 8 | 7* | 4 | | | | |
| 5 | - | - | - | 3 | 9+ | - | - | 4 | - | 1 | 9 | 9+ | - | 1 | 9 | - | 8 | 9+ | 9+ | 1* | 8 | 9+ | 7 | 9 | 9+ | 9+ | 6* | 7 | 9+ | 9 | 9 | 9 | 9+ | 8* | 5* | 5 | | | | |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 5 | 8 | 9+ | 9+ | 5 | 5 | 9+ | 8 | 8 | 9 | 9+ | 7 | 4* | 6 | | | | |
| 7 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | - | 2 | 9+ | 9+ | 3 | 2 | 9+ | 6 | 7 | 9+ | 9 | 4 | 4 | 9+ | 8 | 2* | 9 | 9+ | 8 | 2* | 7 | | | | |
| 8 | - | - | - | - | 7 | - | - | - | - | - | - | 9 | 1 | - | 5 | 1 | - | 8 | 9+ | 4 | 1 | 9 | 7 | 5 | 9+ | 9+ | 4 | 2 | 9+ | 8 | 6 | 9+ | 9+ | 8 | 1* | 8 | | | | |
| 9 | - | - | - | - | 7 | - | - | - | - | - | - | 9 | 2 | - | 5 | 2 | - | 8 | 9+ | 2 | - | 9 | 8 | 4 | 9+ | 9+ | 5 | 3 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 2* | 9 | | | | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 6 | 5 | - | 8 | 9+ | 2 | 1 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 3* | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 6 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 3 | 9+ | 1 | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 12 | | | | |
| 13 | - | - | - | - | 9+ | - | - | 1 | 6 | - | 7 | 9+ | 5 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 13 | | | | |
| 14 | - | 3 | - | 5 | 9+ | 1 | - | 5 | 8 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 7 | 14 | | | | |
| 15 | 4 | 7 | - | 9 | 9+ | 5 | - | 8 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 4* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 7* | 15 | | | | |
| 16 | 8 | 8 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9+ | 6 | 16 | | | | |
| 17 | 9 | 7 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 8 | 17 | | | | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 5 | 18 | | | | |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 5 | 19 | | | | |
| 20 | 9+ | 7 | - | 9+ | 9+ | 6 | - | 9+ | 9 | 4 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9 | 9 | 9 | 4 | 20 | | | | |
| 21 | 9+ | 7 | 1 | 9+ | 9+ | 6 | - | 9+ | 9 | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 8 | 9 | 9+ | 8 | 6 | 4 | 21 | | | |
| 22 | 9+ | 8 | - | 9+ | 9+ | 3 | 2 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 4* | 9 | 9+ | 5 | 7 | 4* | 22 | | | |
| 23 | 9 | 7 | 3 | 9+ | 9+ | - | 5 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9 | 7 | 6* | 9 | 9+ | 5 | 6 | 3* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Oct., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|----|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9+ | 3 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 6 | 9 | 8 | - | 5* | 9 | 9 | 5* | 5 | 2* | 0 | | | | |
| 1 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 5 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 9 | 9 | 9+ | 9 | 8 | 5 | - | 2* | 9 | 6 | 5 | 4 | 1* | 1 | | | | |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 6 | 9+ | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9+ | 7 | 9+ | 9 | 9 | 9+ | 9 | 7 | - | 9 | 6 | 2* | 5 | 9 | 4* | 2 | | | | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 5 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 3* | 9 | 9+ | 9+ | 9 | 8 | 9+ | 7 | 9 | 4 | 9+ | 5* | 3* | 9+ | 8 | 7 | 3 | | | | |
| 4 | 5 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 6 | 9+ | 4 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 9+ | 9+ | 9+ | 8* | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 7 | 4 | | | | |
| 5 | - | - | - | 5 | 9+ | - | - | 6 | - | 2 | 9 | 9+ | - | 3 | 9+ | 1 | 9 | 9+ | 9+ | 4* | 9 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 8 | 5 | 9 | 9 | 9 | 9+ | 8 | 5* | 5 | | | | |
| 6 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | 1 | 9 | - | 7 | 9+ | 9+ | 1 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 7 | 9 | 8 | 8 | 9+ | 9+ | 7 | 4* | 6 | | | | |
| 7 | - | - | - | - | 9 | - | - | - | - | - | 1 | 9+ | - | - | 8 | 1 | 5 | 9+ | 9+ | - | 4 | 9 | 6 | 8 | 9+ | 9+ | 6 | 5 | 9 | 8 | 8 | 9+ | 9+ | 7 | 2* | 7 | | | | |
| 8 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | - | - | 6 | 1 | 2 | 9 | 9+ | 6 | 2 | 9 | 7 | 5 | 9+ | 9+ | 5 | 3 | 9 | 9 | 7 | 9+ | 9+ | 8 | 2* | 8 | | | | |
| 9 | - | - | - | - | 8 | - | - | - | - | - | - | 9 | 4 | - | 6 | 4 | - | 8 | 9+ | 8 | 2 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 2* | 9 | | | | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 6 | - | 9 | 9+ | 5 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 4 | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 1 | - | 8 | 8 | 1* | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | 1 | 2 | - | 5 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 12 | | | | |
| 13 | - | - | - | 1 | 9+ | - | - | 5 | 5 | - | 8 | 9+ | 5 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 13 | | | | |
| 14 | 2 | 5 | - | 8 | 9+ | 2 | - | 8 | 8 | - | 9+ | 9+ | 6 | 2 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7* | 9+ | 9+ | 9 | 9 | 14 | | | | |
| 15 | 6 | 8 | - | 9 | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 3* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 15 | | | | |
| 16 | 8 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9 | 16 | | | |
| 17 | 9 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 5* | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 17 | | | | |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 4* | 18 | | | | |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 4* | 19 | | | | |
| 20 | 9 | 7 | - | 9+ | 9+ | 7 | - | 9+ | 9 | 4 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 7 | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 9 | 9+ | 8 | 8 | 4* | 20 | | | | |
| 21 | 9 | 7 | - | 9+ | 9+ | 6 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 8 | 9 | 9 | 9 | 9+ | 8 | 5 | 4* | 21 | | | | |
| 22 | 9 | 8 | - | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 8 | 6 | 4 | 9 | 9+ | 5 | 8 | 4* | 22 | | | | |
| 23 | 9+ | 7 | 2 | 9+ | 9+ | 1 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 6 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 6 | 9 | 8 | 4 | 5* | 9 | 9+ | 5 | 8 | 4* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Nov., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 4 | 9+ | 9+ | 6 | 8 | 4 | - | 3* | 9 | 9 | 5* | 4* | 2* | 0 |
| 1 | 9 | 1 | 5 | 9+ | 9+ | - | 7 | 9+ | 6 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 5 | 5 | 9+ | 9 | 6 | 8 | 4* | - | 1* | 9 | 2 | 5 | 2* | - | 1 |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 2 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | - | 9+ | 8 | 8 | 9+ | 9 | 4* | - | 9 | 4* | 2* | 5 | 9 | 2* | 2 |
| 3 | 9 | - | 1 | 9+ | 9+ | - | 3 | 9+ | - | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | 9 | 9+ | 8 | 4* | 9+ | 8 | 9 | - | 9+ | 5* | 2* | 9+ | 9 | 6* | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 5 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 6* | - | 9+ | 8 | 6* | 4 |
| 5 | 1 | - | - | 7 | 9+ | - | - | 8 | - | 2 | 9 | 9+ | - | 5 | 9+ | 3 | 9 | 9+ | 9+ | 3 | 9 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 1 | 9+ | - | - | 3 | - | 5 | 8 | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9+ | 2 | 7 | 9+ | 7 | 8 | 9+ | 9+ | 9 | 6 | 9 | 9 | 9 | 9+ | 9+ | 8 | 3* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | 2 | 2 | 9+ | - | - | 9 | 1 | 5 | 9+ | 9+ | 1 | 5 | 9+ | 7 | 7 | 9+ | 9+ | 7 | 2 | 9+ | 9 | 7 | 9+ | 9+ | 7 | 2* | 7 |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 2 | 2 | 9+ | 9+ | - | 3 | 9 | 8 | 5 | 9+ | 9+ | 6 | 1 | 9 | 9 | 7 | 9+ | 9+ | 8 | 2* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 4 | 1 | 9 | 9+ | 8 | 3 | 9 | 8 | 5 | 9+ | 9+ | 7 | 2 | 9 | 9 | 7 | 9+ | 9+ | 8 | 2* | 9 |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | 6 | - | 8 | 7 | - | 9 | 9+ | 8 | 5 | 9 | 9 | 6 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 3* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 8 | 11 |
| 12 | - | - | - | - | 9+ | - | - | 2 | 4 | - | 6 | 9+ | 4 | 1 | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 12 |
| 13 | 1 | 1 | - | 4 | 9+ | 1 | - | 7 | 7 | - | 9 | 9+ | 6 | 3 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 13 |
| 14 | 6 | 6 | - | 9 | 9+ | 4 | - | 9 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 14 |
| 15 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 5* | 9+ | 8 | 9+ | 9+ | 9 | 8 | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 5* | 17 |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 5 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9+ | 7 | 8 | 4* | 18 |
| 19 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9+ | 5 | 5 | 3* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 7 | 2 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 6 | 1 | 9+ | 9 | 9+ | 5 | 5* | 2* | 20 |
| 21 | 9 | 7 | - | 9+ | 9+ | 6 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9+ | 9 | 8 | 5 | - | 9 | 9 | 9+ | 5 | 2* | 2* | 21 |
| 22 | 9 | 8 | - | 9+ | 9+ | 5 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 7 | 9 | 6 | - | 6 | 9+ | 9+ | 5 | 4* | 4* | 22 |
| 23 | 9+ | 4 | 4 | 9+ | 9+ | 1 | 7 | 9+ | 8 | 7 | 9+ | 9+ | 7 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9 | 6 | 9 | 5 | - | 4* | 9 | 9 | 5 | 6 | 4* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Dec., Saudi Arabia (Riyadh), for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 3 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 8 | 9+ | 9+ | 8 | 8 | 9 | 4 | 5 | 9 | 9 | 6 | 8 | 2* | - | 4* | 9 | 9 | 5 | 4* | 2* | 0 |
| 1 | 9+ | 1 | 5 | 9+ | 9+ | - | 7 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9+ | 8 | 8 | 9 | - | 5 | 9+ | 9 | 6 | 7 | 2* | - | 2* | 9 | 6 | 5 | 3* | 1* | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 2 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 8 | - | 9+ | 9 | 9 | 6 | 8 | 3* | - | 5 | 5 | - | 5 | 5 | 2* | 2 |
| 3 | 9 | - | 3 | 9+ | 9+ | - | 4 | 9+ | - | 7 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | - | 9+ | 8 | 8 | 9+ | 8 | 4* | - | 9+ | 7* | 2* | 9+ | 9 | 5* | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 9+ | 6 | 9+ | 8 | 9 | - | 9+ | 6* | - | 9+ | 9 | 6* | 4 |
| 5 | 4 | - | - | 8 | 9+ | - | - | 8 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 5 | 9 | 9+ | 9+ | 5 | 9 | 7 | 9 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 8 | - | 9+ | 8 | 4* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 5 | - | 1 | 8 | 9+ | - | 3 | 9+ | 2 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 5 | 2 | 9 | 5* | 9+ | 9+ | 8 | 3* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9+ | 4 | 5 | 9+ | 9+ | 2 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 3* | 9+ | 9+ | 8 | 2* | 7 |
| 8 | - | - | - | - | 9 | - | - | - | - | - | 1 | 9+ | - | - | 8 | 4 | 1 | 9+ | 9+ | 2 | 5 | 9+ | 8 | 6 | 9+ | 9+ | 7 | 2 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 2 | 9+ | 9+ | 3 | 5 | 9 | 9 | 4 | 9+ | 9+ | 8 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 3* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 7 | - | 8 | 8 | 1 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 6 | - | 9+ | 9 | 3* | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 2 | 9+ | 1 | 1 | 9 | 9 | 1 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 8 | 1 | 9+ | 9 | 6 | 11 |
| 12 | - | - | - | - | 9+ | - | - | 5 | 6 | - | 7 | 9+ | 5 | 2 | 9+ | 9 | 4* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 2 | 9+ | 9 | 9 | 12 |
| 13 | 4 | 3 | - | 6 | 9+ | 2 | - | 8 | 8 | - | 9 | 9+ | 7 | 4 | 9+ | 9+ | 4* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 13 |
| 14 | 8 | 7 | - | 9 | 9+ | 5 | 1 | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 9 | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 7 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 16 |
| 17 | 9 | 6 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9+ | 9 | 9+ | 4* | 17 |
| 18 | 9 | 6 | - | 9+ | 9+ | 7 | 4 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 5 | 4* | 9+ | 9 | 9+ | 8 | 9 | 4* | 18 |
| 19 | 9 | 6 | - | 9+ | 9+ | 7 | 1 | 9+ | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 3 | 1* | 9+ | 9 | 9+ | 5 | 8 | 2* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 7 | 3 | 9+ | 9 | 2 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9 | 1* | - | 9 | 9 | 9+ | 5 | 7 | 2* | 20 |
| 21 | 9 | 7 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9+ | 9+ | 9 | 1* | - | 8 | 9 | 9+ | 5 | 2 | 3* | 21 |
| 22 | 9 | 6 | - | 9+ | 9+ | 5 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 7 | 9+ | 9+ | 9+ | 9 | 9 | 1 | - | 5 | 9 | 9+ | 5 | 2* | 3* | 22 |
| 23 | 9+ | 5 | 4 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 7 | 9 | 9+ | 9+ | 6 | 9 | 2 | - | 4* | 9 | 9+ | 5 | 5* | 3* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jan., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 5 | 9 | 9 | 8 | 7 | 9 | - | 1* | 9 | 8 | 6 | 2* | 2* | - | 1* | 8 | 1 | 5 | 1* | - | 0 |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 4 | 9 | 9+ | 6 | 7 | 8 | - | - | 8 | 6 | 6 | 1* | 1* | - | - | 2 | - | 5 | - | - | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 4 | 8 | 9+ | 9+ | - | 8 | 7 | 9+ | 9 | 7 | 9 | 7 | 5 | - | 5 | 2 | - | 6 | 5 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 3 | 9+ | - | 8 | 9+ | 9 | - | 8 | 5 | 9 | 8 | - | 9+ | 7 | 8 | - | 9+ | 5* | 2* | 9+ | 8 | 4* | - | 9 | 5* | 5* | 5 | 9 | - | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 3 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 9 | - | 9 | 5* | 1* | 9+ | 9 | 8 | - | 9+ | 8* | 3* | 9+ | 8 | 5* | 4 |
| 5 | 4 | - | - | 8 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 6 | 9+ | 5 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 5 | 3 | 9 | 6 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 3 | 9+ | - | - | 5 | - | 5 | 9 | 9+ | - | 3 | 9+ | 4 | 8 | 9+ | 9+ | 3 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 1* | 9+ | 9 | 5 | - | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | 1 | 9 | 4 | 5 | 9+ | 9+ | 3 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 1* | 5 | 9 | 3* | 9+ | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 4 | 1 | 9+ | 9+ | 3 | 2 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 1* | 9+ | 9 | 1* | 9+ | 9+ | 8 | 4* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | 5 | - | 8 | 6 | 2 | 9+ | 9+ | 2 | 2 | 9 | 9 | 7 | 9+ | 9+ | 8 | 1* | 9+ | 9 | 2 | 9 | 9+ | 9 | 2* | 9 |
| 10 | - | - | - | - | 9+ | 4 | - | - | - | - | 1 | 9+ | 7 | - | 9 | 8 | 1 | 9 | 9+ | 6 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9+ | 6 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 3 | 9+ | 1 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3 | 9+ | 9+ | 8 | 1* | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 4 | 4 | - | 7 | 9+ | 5 | 1 | 9+ | 9 | 3* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 12 |
| 13 | 2 | 2 | - | 6 | 9+ | 1 | - | 8 | 8 | - | 9 | 9+ | 6 | 2 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 13 |
| 14 | 7 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 9 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9 | 9+ | 7* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 7 | 9+ | 8 | 9+ | 5 | 8 | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 6 | 9+ | 4* | 5* | 8 | 9 | 9+ | 5 | 5 | 5* | 17 |
| 18 | 9+ | 7 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 8 | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9+ | 6 | 9 | 4* | 2* | 8 | 9 | 9+ | 5 | 5* | 4* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 7 | 4 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 2 | 9+ | 9 | 9+ | 6 | 9 | 2* | - | 6 | 9 | 9+ | 5 | 5* | 4* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | - | 9+ | 9+ | 9+ | 6 | 8 | 1* | - | 2 | 9 | 7 | 5 | 5* | 3* | 20 |
| 21 | 9+ | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 7 | - | 9 | 9+ | 9+ | 6 | 6 | 2* | - | 4* | 9 | 9 | 5 | 4* | 2* | 21 |
| 22 | 9+ | 7 | 1 | 9+ | 9+ | 6 | 7 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | - | 5 | 9 | 9 | 6 | 8 | 2* | - | 4* | 9 | 9 | 5 | 3* | 1* | 22 |
| 23 | 9+ | 6 | 5 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 9 | 9 | 9 | 9 | 9 | - | 4 | 9 | 8 | 6 | 8 | 2* | - | 3* | 9 | 8 | 5 | 1* | 1* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Feb., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 2 | 1* | 9 | 9 | 6 | 5 | 3* | - | 4* | 9 | 9 | 5 | 2* | 2* | 0 |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 8 | 9 | 9 | 9 | 7 | 9 | - | 1* | 9 | 9 | 6 | 3 | 2* | - | 1* | 8 | 2 | 5 | 1* | - | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 4 | 7 | 9+ | 9 | - | 8 | 9+ | 9+ | 9 | 8 | 9+ | 7 | 8 | - | 6 | 8 | 3 | 6 | 5 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9+ | - | 8 | 9+ | 9 | - | 8 | 9+ | 9 | 8 | 3 | 9+ | 6 | 9 | - | 9+ | 3* | 1* | 9+ | 8 | 5* | - | 9 | 6* | 4* | 5 | 8 | 1* | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 7 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 4* | - | 9+ | 8 | 9 | - | 9 | 6* | 3* | 9+ | 8 | 6* | 4 |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 5 | 9+ | 3 | 9 | 9+ | 9 | 3 | 8 | 5 | 9 | 9 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 8 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 2 | 9+ | 2 | 8 | 9+ | 9+ | 2 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 3 | - | 9 | 8 | 4 | 9+ | 7 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | 3 | 5 | 9+ | - | - | 9 | 2 | 6 | 9+ | 9+ | 1 | 5 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 2* | 9 | 9 | 3* | 9+ | 9+ | 8 | 3* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 4 | - | 8 | 3 | 2 | 9+ | 9+ | 1 | 4 | 9 | 8 | 6 | 9+ | 9+ | 7 | 1* | 9+ | 9 | 4* | 9+ | 9+ | 8 | 4* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 2 | 9 | 9+ | 2 | 3 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2* | 9 | 9 | 6 | 9+ | 9+ | 8 | 4* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 7 | - | 9+ | 9+ | 5 | 3 | 9 | 9 | 7 | 9+ | 9+ | 9 | 3* | 9 | 9+ | 7 | 9+ | 9+ | 9 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 1 | - | 9 | 8 | 1* | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 3 | - | 6 | 9+ | 3 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5 | 12 |
| 13 | - | 1 | - | 4 | 9+ | - | - | 6 | 6 | - | 9 | 9+ | 6 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 13 |
| 14 | 5 | 6 | - | 9 | 9+ | 4 | - | 8 | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 14 |
| 15 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 8 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 5* | 9+ | 8 | 9+ | 9+ | 9 | 8 | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9 | 6 | 9 | 5* | 17 |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 4 | 5* | 9+ | 9 | 9+ | 5 | 7 | 4* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 2* | 3* | 9+ | 9 | 9+ | 5 | 6 | 4* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9 | 9 | 1* | 1* | 9 | 9 | 9+ | 5 | 5* | 4* | 20 |
| 21 | 9+ | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 9 | 9+ | 9 | 8 | 6 | 1* | - | 6 | 9 | 9+ | 5 | 5* | 4* | 21 |
| 22 | 9+ | 8 | - | 9+ | 9+ | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 8 | 9 | 9+ | 9 | 8 | 8 | 1* | - | 4* | 9 | 8 | 5 | 2* | 4* | 22 |
| 23 | 9 | 8 | 1 | 9+ | 9+ | 2 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 5 | 6 | 9+ | 9+ | 6 | 8 | 2 | - | 5* | 9 | 9 | 5 | 4* | 2* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Mar., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9 | 5 | 5 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 5 | 9+ | 9 | 6 | 8 | 5 | - | 5* | 9 | 9 | 5 | 5* | 1* | 0 | |
| 1 | 9+ | 1 | 6 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 9 | 8 | 7 | 9 | 9+ | 6 | 6 | 3* | - | 2* | 9 | 5 | 5 | 2* | - | 1 | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 4 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9 | 2 | 9+ | 9 | 9 | 9+ | 9 | 4* | - | 1 | 4 | - | 5 | 6 | 2* | 2 | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 4 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 4 | 9 | 7 | 9+ | 6 | - | 9+ | 8 | 8 | - | 9+ | 6* | 4* | 9+ | 9 | 6* | 3 | |
| 4 | 5 | - | - | 9 | 9+ | - | 1 | 9 | - | 4 | 9+ | 9+ | - | 7 | 9+ | 7 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 9 | - | 9+ | 7 | 8 | 6 | 9 | 5* | - | 9+ | 8 | 7* | 4 | |
| 5 | 1 | - | - | 7 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 4 | 9+ | 1 | 9 | 9+ | 9+ | 2* | 8 | 9 | 9 | 9 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 9 | - | 9+ | 8 | 5* | 5 | |
| 6 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9+ | 1 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 5 | 3 | 9 | 8 | 9+ | 9+ | 8 | 5* | 6 | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 1 | 5 | 9+ | 9+ | 1 | 4 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 2 | 7 | 9 | 5 | 9+ | 9+ | 8 | 4* | 7 | |
| 8 | - | - | - | - | 9 | - | - | - | - | - | 1 | 9+ | 4 | - | 7 | 2 | 3 | 9 | 9+ | - | 3 | 9 | 8 | 6 | 9+ | 9+ | 6 | 1 | 9 | 9 | 3* | 9+ | 9+ | 8 | 3* | 8 | |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 4 | 1 | 9 | 9+ | 1 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 7 | 1* | 9+ | 9 | 7 | 9+ | 9+ | 8 | 3* | 9 | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 6 | - | 9+ | 9+ | 4 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 3* | 10 | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1 | 11 | |
| 12 | - | - | - | - | 9+ | - | - | - | 2 | - | 4 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3 | 12 | |
| 13 | - | - | - | 1 | 9+ | - | - | 3 | 7 | - | 8 | 9+ | 5 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 13 | |
| 14 | 1 | 5 | - | 8 | 9+ | 2 | - | 7 | 8 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 14 | |
| 15 | 6 | 8 | - | 9 | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 7 | 2 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 4* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 15 | |
| 16 | 8 | 9 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 16 | |
| 17 | 9 | 9 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 7 | 17 | |
| 18 | 9 | 9 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9 | 9+ | 9 | 9 | 4* | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 8 | 9+ | 9 | 9+ | 9 | 9 | 9 | 4* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 4 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 8 | 9+ | 9 | 9+ | 8 | 8 | 4* | 20 | |
| 21 | 9+ | 8 | - | 9+ | 9+ | 7 | 2 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 8 | 7 | 9 | 9 | 9+ | 6 | 4* | 5* | 21 | |
| 22 | 9+ | 8 | 2 | 9+ | 9+ | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 8 | 6 | 3* | 9 | 9+ | 5 | 4* | 4* | 22 | |
| 23 | 9 | 8 | 1 | 9+ | 9+ | 1 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 7 | 9 | 7 | - | 5* | 9 | 9+ | 5 | 6 | 4* | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

Apr., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9 | 3 | 5 | 9+ | 9+ | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9 | 8 | 3 | 5* | 9 | 9 | 5* | 5* | 3* | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 8 | 1* | 3* | 9 | 8 | 5* | 5* | 1* | 1 | |
| 2 | 9 | - | 3 | 9+ | 9+ | - | 4 | 9 | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 8 | - | 9 | 7 | 5* | 5 | 9 | 4* | 2 | |
| 3 | 7 | - | - | 9+ | 9+ | - | 4 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 4 | 9 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9 | 2 | 9+ | 6* | 5* | 9+ | 9 | 7* | 3 | |
| 4 | 3 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 5 | 9 | 9+ | 9+ | 3 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 7 | 8 | 9 | 9 | 6* | - | 9+ | 8 | 7* | 4 | |
| 5 | - | - | - | 5 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 1 | 8 | 9+ | 9 | 2* | 8 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 9 | 2 | 9+ | 8 | 6* | 5 | |
| 6 | - | - | - | - | 9+ | - | - | 1 | - | - | 7 | 9+ | - | - | 9 | 1 | 7 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 7 | 9 | 9+ | 8 | 5* | 6 | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 1 | 5 | 9+ | 9+ | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 4 | 9+ | 9 | 4* | 9 | 9+ | 8 | 4* | 7 | |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 2 | 2 | 9 | 9+ | 1 | 3 | 9+ | 8 | 6 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 4* | 9+ | 9+ | 8 | 3* | 8 | |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 4 | - | 9 | 9+ | 4 | 2 | 9+ | 8 | 6 | 9+ | 9+ | 7 | 3 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 3* | 9 | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 6 | - | 9 | 9+ | 4 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 3* | 10 | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | 11 | |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 3 | 9+ | 1 | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1* | 12 | |
| 13 | - | - | - | 1 | 9+ | - | - | 2 | 6 | - | 8 | 9+ | 5 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 4* | 13 | |
| 14 | - | 3 | - | 6 | 9+ | 1 | - | 6 | 8 | - | 9 | 9+ | 6 | - | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7* | 9+ | 9+ | 9 | 6* | 14 | |
| 15 | 4 | 7 | - | 9 | 9+ | 5 | - | 8 | 9 | - | 9+ | 9+ | 7 | 2 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7* | 9+ | 9+ | 9 | 7 | 15 | |
| 16 | 8 | 8 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 7* | 16 | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 7 | 17 | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 6 | 18 | |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 2 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 6 | 19 | |
| 20 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 7 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9 | 9+ | 9+ | 8 | 5 | 20 |
| 21 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 6 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 8 | 9 | 9+ | 9 | 8 | 5* | 21 |
| 22 | 9 | 8 | 3 | 9+ | 9+ | 5 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 9 | 5* | 9 | 9+ | 5 | 4* | 5* | 22 | |
| 23 | 9 | 7 | 2 | 9+ | 9+ | 2 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 7 | 6* | 9 | 9+ | 5 | 6* | 5* | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

May, Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9 | 2 | 4 | 9+ | 9+ | - | 4 | 9 | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 6 | 4* | 9 | 9 | 5 | 5 | 2* | 0 | |
| 1 | 9 | - | 4 | 9+ | 9+ | - | 3 | 9 | 5 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 4 | 3 | 8 | 5 | 5 | 5 | 1* | 1 | |
| 2 | 8 | - | 2 | 9+ | 9+ | - | 2 | 9 | 1 | 8 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 9 | 3 | 6 | 5 | 2* | 5 | 8 | 4* | 2 | |
| 3 | 6 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 8 | 9 | 9+ | 9+ | 4 | 9 | 9+ | 9 | 9 | 1 | 9+ | 9 | 9 | 7 | 9 | 6* | 5* | 9 | 9 | 7* | 3 | |
| 4 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 2 | 9+ | 9+ | - | 3 | 9+ | 5 | 9 | 9+ | 9+ | 2* | 8 | 9+ | 9 | 9+ | 1 | 9+ | 7 | 8 | 9 | 9 | 7* | - | 9+ | 9 | 8* | 4 | |
| 5 | - | - | - | 3 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | - | 9 | 1 | 8 | 9+ | 9 | 1* | 8 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 8 | 5 | 9+ | 9 | 6* | 5 | |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 1 | 6 | 9+ | 8 | - | 6 | 9+ | 7 | 9 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 8 | 9 | 9+ | 8 | 5* | 6 | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | - | 3 | 9+ | 9 | - | 4 | 9+ | 8 | 8 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 4* | 9 | 9+ | 8 | 4* | 7 | |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 1 | 1 | 9+ | 9+ | - | 3 | 9+ | 8 | 7 | 9+ | 9+ | 5 | 4 | 9+ | 9 | 3* | 9 | 9+ | 8 | 3* | 8 | |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 4 | - | 9 | 9+ | 3 | 1 | 9+ | 8 | 6 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 8 | 9 | 9+ | 9 | 2* | 9 | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 6 | - | 9+ | 9+ | 3 | 2 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 5 | 9+ | 9 | 7 | 9 | 9+ | 9 | 3* | 10 | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | 11 | |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 2 | 9+ | - | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | 12 | |
| 13 | - | - | - | - | 9+ | - | - | 1 | 4 | - | 7 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 2* | 13 | |
| 14 | - | 1 | - | 5 | 9+ | - | - | 4 | 7 | - | 9 | 9+ | 5 | - | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 5* | 14 | |
| 15 | 2 | 7 | - | 9 | 9+ | 4 | - | 7 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9 | 9+ | 9+ | 6* | 15 | |
| 16 | 6 | 8 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9 | 9 | 6* | 16 | |
| 17 | 8 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 9 | 9+ | 6* | 7 | 6* | 17 | |
| 18 | 8 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 9 | 9+ | 8 | 8 | 4* | 18 | |
| 19 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 2 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 9 | 9+ | 8 | 8 | 4 | 19 | |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 7 | 8 | 8 | 4* | 20 | |
| 21 | 9 | 8 | 1 | 9+ | 9+ | 7 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 5* | 9 | 7 | 8 | 6 | 4* | 21 |
| 22 | 9 | 8 | 4 | 9+ | 9+ | 6 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 5* | 9 | 7 | 5 | 6* | 4* | 22 |
| 23 | 9 | 6 | 5 | 9+ | 9+ | 1 | 2 | 9 | 8 | 8 | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 8 | 7* | 9 | 6 | 5 | 7 | 4* | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

Jul., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|--|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9 | 2 | 5 | 9+ | 9+ | - | 3 | 9 | 8 | 8 | 9+ | 9+ | 4 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9+ | 9 | 8 | 9 | - | 2* | 7 | 5 | 5 | 2* | - | 0 | | | | |
| 1 | 9 | - | 4 | 9+ | 9+ | - | 2 | 9 | 5 | 7 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9 | 9 | 9 | 7 | - | - | 3 | - | 5 | 1* | - | 1 | | | | | |
| 2 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | 1 | 8 | 9+ | 9+ | - | 6 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | - | 5 | 2* | 2* | 7 | 6 | 1* | 2 | | | | |
| 3 | 5 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 7 | 9 | 9+ | 9+ | 4 | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 8 | 7 | 8 | 6* | - | 9 | 8 | 6* | 3 | | | | |
| 4 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 2 | 9+ | 9+ | - | 1 | 9+ | 3 | 8 | 9+ | 9 | 2* | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 8 | 9 | 8 | 6 | 9 | 9 | 9 | 7* | 4 | | | | |
| 5 | - | - | - | 3 | 9+ | - | - | 3 | - | - | 9 | 9+ | - | - | 9 | 1 | 8 | 9+ | 9 | 1* | 7 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 6 | 9 | 8 | 7 | 1 | 9 | 9 | 5* | 5 | | | | |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 1 | 5 | 9+ | 9 | - | 5 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 3* | 9 | 8 | 5 | 9 | 9 | 8 | 4* | 6 | | | | |
| 7 | - | - | - | - | 9 | - | - | - | - | - | 2 | 9+ | - | - | 8 | 1 | 2 | 9+ | 9 | - | 4 | 9+ | 8 | 8 | 9+ | 9+ | 6 | 2 | 9 | 8 | 2 | 9 | 9 | 9 | 3* | 7 | | | | |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 1 | 1 | 9+ | 9+ | - | 2 | 9+ | 8 | 7 | 9+ | 9+ | 6 | 2 | 9 | 9 | 1 | 8 | 9+ | 9 | 2* | 8 | | | | |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 2 | - | 9+ | 9+ | 3 | 2 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 4 | 9 | 9 | 2 | 8 | 9+ | 8 | 2* | 9 | | | | |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 4 | - | 9+ | 9+ | 3 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 5 | 9 | 9+ | 8 | 1* | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 7 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 7 | 9 | 9+ | 8 | 1* | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | 1 | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 1* | 12 | | | | |
| 13 | - | - | - | - | 9+ | - | - | - | 6 | - | 8 | 9+ | 3 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 1* | 13 | | | | |
| 14 | - | 1 | - | 5 | 9+ | - | - | 3 | 7 | - | 9 | 9+ | 5 | - | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 5* | 9+ | 9+ | 9+ | 7 | 9+ | 9 | 8 | 5 | 9+ | 9 | 2* | 14 | | | | |
| 15 | 1 | 3 | - | 9 | 9+ | 4 | - | 7 | 8 | - | 9+ | 9+ | 7 | - | 9+ | 9+ | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9 | 7 | 9+ | 9 | 8 | 7 | 9 | 9 | 4* | 15 | | | | |
| 16 | 6 | 8 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 7 | 9+ | 8 | 9 | 7 | 6 | 6 | 5* | 16 | | | | |
| 17 | 8 | 6 | - | 9+ | 9+ | 7 | - | 8 | 8 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 7 | 9+ | 5 | 9 | 9+ | 5 | 4* | 2* | 17 | | | | |
| 18 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 7 | 9 | 3 | 9 | 9 | 5 | 7* | 2* | 18 | | | | |
| 19 | 8 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 2 | 9+ | 9+ | 9 | - | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 7 | 9 | 3 | 9 | 9 | 5 | 5* | 2* | 19 | | | | |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 8 | 9 | 5 | 9 | 9 | 5 | 5* | 1* | 20 | | | | |
| 21 | 9 | 8 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 8 | 1* | 9 | 8 | 5 | 4* | 1 | 21 | | | | |
| 22 | 9 | 8 | 9 | 9+ | 9+ | 6 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 6 | 9 | 8 | 1* | 8 | 8 | 5 | 6* | 1 | 22 | | | | |
| 23 | 9 | 6 | 6 | 9+ | 9+ | 1 | 1 | 9 | 8 | 8 | 9+ | 9+ | 7 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9 | 4 | 4* | 8 | 7 | 5 | 2* | - | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Aug., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 2 | 4 | 9+ | 9+ | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 6 | 9+ | 9+ | 6 | 4 | 7 | - | 2* | 8 | 5 | 5 | 2* | - | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9 | 9+ | 8 | 9 | 5 | - | 1* | 4 | - | 5 | 1* | - | 1 |
| 2 | 8 | - | 2 | 9+ | 9+ | - | 3 | 9 | 1 | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 6 | - | 4 | 2* | 2* | 6 | 6 | - | 2 |
| 3 | 6 | - | - | 9+ | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 3 | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 8 | 7 | 8 | 5* | 3* | 9 | 8 | 5* | 3 |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 3 | 9+ | 5 | 9 | 9+ | 9+ | 2* | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 6 | 9 | 8 | 6* | 9 | 9 | 8 | 7* | 4 |
| 5 | - | - | - | 4 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9 | 1* | 8 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 5 | 9 | 8 | 6 | 2 | 9 | 8 | 6* | 5 |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 1 | 6 | 9+ | 9 | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 4* | 9 | 8 | 3* | 9 | 9 | 8 | 5* | 6 |
| 7 | - | - | - | - | 9 | - | - | - | - | - | 2 | 9+ | - | - | 8 | 1 | 3 | 9+ | 9 | - | 4 | 9+ | 8 | 7 | 9+ | 9+ | 7 | 2* | 9+ | 8 | 1* | 9 | 9 | 9 | 3* | 7 |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 2 | 1 | 9+ | 9+ | - | 2 | 9+ | 8 | 6 | 9+ | 9+ | 6 | 2 | 9+ | 9 | 1 | 9 | 9+ | 9 | 2* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 4 | - | 9 | 9+ | 1 | 1 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 7 | 9 | 9+ | 9 | 2* | 9 |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 6 | - | 9+ | 9+ | 4 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 7 | 9 | 9+ | 9 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 5 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9 | 9+ | 9 | 1* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 4 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 1 | 12 |
| 13 | - | - | - | 1 | 9+ | - | - | 2 | 4 | - | 8 | 9+ | 5 | 1 | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 1 | 13 |
| 14 | - | 2 | - | 6 | 9+ | 1 | - | 5 | 6 | - | 9 | 9+ | 6 | - | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 6 | 9+ | 9+ | 8 | 5 | 9+ | 9 | 3* | 14 |
| 15 | 4 | 7 | - | 9 | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9+ | 9+ | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9 | 8 | 6 | 9 | 9 | 5* | 15 |
| 16 | 7 | 8 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 7 | 9+ | 9 | 8 | 9+ | 5 | 6 | 5* | 16 |
| 17 | 9 | 6 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 7 | 9+ | 9 | 9 | 9+ | 5 | 6* | 4* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 4 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 5 | 6* | 2* | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 8 | 9 | 7 | 9 | 9 | 5 | 5* | 1* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 6 | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9 | 9 | 9 | 7 | 7 | 9 | 9 | 5 | 5* | 1* | 20 |
| 21 | 9 | 7 | 3 | 9+ | 9+ | 7 | - | 9+ | 9 | 7 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9 | 8 | 9 | 6 | 3* | 9 | 9 | 5 | 4* | 1* | 21 |
| 22 | 9 | 8 | 4 | 9+ | 9+ | 6 | 1 | 9 | 9 | 7 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | 7 | 9 | 9+ | 8 | 6 | 9 | 7 | 4* | 9 | 9 | 5 | 5* | - | 22 |
| 23 | 9 | 7 | 5 | 9+ | 9+ | 2 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | 5 | 9 | 9+ | 6 | 6 | 9 | 2 | 5* | 9 | 7 | 5 | 4* | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Sep., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 3 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 9+ | 9+ | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 5 | 9 | 9+ | 6 | 8 | 5 | - | 4* | 9 | 8 | 5 | 4* | - | 0 |
| 1 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9+ | 6 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 8 | 8 | 9 | 9+ | 7 | 9 | 2 | - | 2* | 8 | 1* | 5 | 2* | - | 1 |
| 2 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9 | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | 7 | 9+ | 9 | 9 | 9+ | 9 | 5 | - | 8 | 5* | 4* | 5 | 9 | 2* | 2 |
| 3 | 7 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 3 | 9 | 9+ | 9+ | 8 | - | 9+ | 8 | 8 | - | 9+ | 6* | 4* | 9+ | 8 | 6* | 3 |
| 4 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 5 | 9 | 9+ | 9+ | 3* | 9 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 7 | 9 | 9 | 5* | - | 9+ | 8 | 6* | 4 |
| 5 | - | - | - | 5 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 1 | 8 | 9+ | 9 | 2* | 8 | 9 | 8 | 9 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 9 | 2 | 9+ | 8* | 6* | 5 |
| 6 | - | - | - | - | 9+ | - | - | 1 | - | - | 7 | 9+ | - | - | 9 | 1 | 7 | 9+ | 9 | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 8 | 9 | 9+ | 8* | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | 2 | - | 8 | - | 4 | 9+ | 9+ | - | 3 | 9 | 7 | 7 | 9+ | 9+ | 6 | 2 | 9+ | 9 | 3* | 9 | 9+ | 8 | 3* | 7 |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 7 | 2 | 1 | 9 | 9+ | - | 2 | 9+ | 8 | 6 | 9+ | 9+ | 5 | 2 | 9+ | 9 | 2* | 4 | 9+ | 8 | 3* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9 | - | - | 7 | 4 | - | 9 | 9+ | 2 | 1 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 2 | 9+ | 9 | 8 | 8 | 9+ | 8 | 2* | 9 |
| 10 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 6 | - | 9 | 9+ | 4 | 2 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 5 | 9+ | 9 | 7 | 5 | 9+ | 9 | 2* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 1* | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 2 | - | 5 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 3 | 12 |
| 13 | - | 1 | - | 2 | 9+ | - | - | 3 | 7 | - | 8 | 9+ | 5 | - | 9+ | 9 | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 5 | 13 |
| 14 | 1 | 5 | - | 7 | 9+ | 2 | - | 7 | 8 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 14 |
| 15 | 5 | 8 | - | 9 | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9+ | 7* | 15 |
| 16 | 8 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 8 | 9 | 6 | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 5 | 8 | 5 | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 4 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 6 | 8 | 3* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 5 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 7 | 9 | 9 | 9+ | 6 | 7 | 3* | 19 |
| 20 | 9+ | 7 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 6 | 9+ | 9+ | 9 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 5 | 8 | 9 | 9+ | 5 | 6 | 4* | 20 |
| 21 | 9+ | 7 | - | 9+ | 9+ | 7 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 8 | 3 | 5* | 9 | 9 | 5 | 4* | 4* | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 9 | 8 | 2 | 5* | 9 | 9 | 5 | 6* | 3* | 22 |
| 23 | 9+ | 7 | 4 | 9+ | 9+ | 1 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 4 | 9+ | 9 | 6 | 8 | 8 | - | 5* | 9 | 9 | 5 | 5* | 1* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Oct., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 3 | 9 | 9+ | 6 | 8 | 4 | - | 4* | 9 | 9 | 5* | 4* | 1* | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 6 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 5 | 7 | 9 | 8 | 6 | 8 | 2* | - | 1* | 8 | 1 | 5 | 2* | - | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 4 | 9+ | 2 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 1 | 9+ | 9 | 8 | 9+ | 9 | 4 | - | 6 | 5* | 2* | 5 | 8 | 2* | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 4 | 9 | - | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 9+ | 9+ | 8 | - | 9+ | 8 | 9 | - | 9+ | 6* | 4* | 9+ | 8 | 6* | 3 |
| 4 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 6 | 9 | 9+ | 9+ | 6 | 9 | 6 | 9 | 9 | 9 | 9+ | 7 | 8 | 9 | 9 | 7 | - | 9+ | 8 | 6* | 4 |
| 5 | 1 | - | - | 7 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 4 | 9+ | 2 | 9 | 9+ | 9 | 2 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 8 | 1 | 9 | 9 | 2 | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9+ | 1 | 6 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 5 | 7 | 9 | 8 | 9+ | 9+ | 7 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 1 | 5 | 9+ | 9+ | 1 | 4 | 9+ | 7 | 8 | 9+ | 9+ | 6 | 2 | 9 | 9 | 8 | 9+ | 9+ | 7 | 3* | 7 |
| 8 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | 4 | - | 8 | 3 | 2 | 9+ | 9+ | 1 | 3 | 9 | 8 | 6 | 9+ | 9+ | 7 | 1 | 9 | 9 | 7 | 9+ | 9+ | 8 | 3* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 1 | 9 | 9+ | 2 | 4 | 9 | 9 | 6 | 9+ | 9+ | 7 | 2 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 3* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 7 | - | 9+ | 9+ | 5 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3* | 10 |
| 11 | - | - | - | - | 9+ | 6 | - | - | - | - | 2 | 9+ | - | - | 9 | 9 | 1* | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 11 |
| 12 | - | - | - | - | 9+ | - | - | 2 | 3 | - | 6 | 9+ | 4 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 12 |
| 13 | - | 1 | - | 4 | 9+ | - | - | 6 | 6 | - | 9 | 9+ | 6 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 13 |
| 14 | 4 | 6 | - | 9 | 9+ | 4 | - | 8 | 8 | - | 9+ | 9+ | 6 | 3 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 14 |
| 15 | 7 | 8 | - | 9+ | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 15 |
| 16 | 9 | 9 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 7 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 5 | 9 | 5 | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 4 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9+ | 5 | 7 | 5* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 5 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9+ | 5 | 6 | 4* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 7 | 7 | 9 | 9 | 9+ | 5 | 5 | 5* | 20 |
| 21 | 9+ | 7 | 1 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9+ | 9+ | 8 | 6 | 5 | 7 | 9 | 9+ | 5 | 5* | 4* | 21 |
| 22 | 9+ | 8 | - | 9+ | 9+ | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 8 | 9 | 7 | - | 4* | 9 | 9+ | 5 | 6 | 4* | 22 |
| 23 | 9+ | 8 | 4 | 9+ | 9+ | 1 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9 | 6 | 9 | 6 | - | 5* | 9 | 9 | 5 | 5* | 4* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Nov., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 3 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 6 | 2* | 9 | 9+ | 6 | 6 | 2* | - | 2* | 9 | 8 | 5 | 2* | 1* | 0 |
| 1 | 9+ | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 1 | 4 | 9 | 9 | 6 | 6 | 2* | - | 1* | 7 | - | 5 | 1* | - | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 3 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | - | 9+ | 7 | 4* | 8 | 9 | 4* | - | 4 | 2* | 1* | 5 | 4 | 1* | 2 |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9+ | - | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 8 | 9+ | 5 | 9 | 5 | 9+ | 5 | 6 | 9+ | 8 | 8 | - | 9+ | 6* | 3* | 9+ | 9 | 6* | 3 |
| 4 | 7 | - | - | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 6 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 9 | 9+ | 8 | 8 | 5 | 9+ | 6* | - | 9+ | 9 | 6* | 4 | |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 4 | 9 | 9+ | 9+ | 4 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | - | 9+ | 8 | 4* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 4 | - | 1 | 8 | 9+ | - | 2 | 9+ | 2 | 8 | 9+ | 9+ | 2 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 3 | 6 | 9 | 8 | 9+ | 9+ | 8 | 3* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 2 | 5 | 9+ | 9+ | 1 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 1 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 4 | - | 8 | 4 | 3 | 9+ | 9+ | 2 | 4 | 9 | 8 | 7 | 9+ | 9+ | 8 | 1* | 9 | 9 | 6 | 9+ | 9+ | 8 | 3* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | 5 | - | 8 | 5 | 2 | 9 | 9+ | 3 | 4 | 9 | 9 | 5 | 9+ | 9+ | 9 | 1* | 9 | 9 | 7 | 9+ | 9+ | 9 | 3* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 8 | 1 | 9+ | 9+ | 6 | 5 | 9 | 9 | 7 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 2* | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 3 | 9+ | 1 | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 6 | 11 |
| 12 | - | - | - | - | 9+ | - | - | 4 | 5 | - | 7 | 9+ | 5 | 1 | 9+ | 9 | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 12 |
| 13 | 2 | 2 | - | 6 | 9+ | 1 | - | 8 | 8 | - | 9 | 9+ | 6 | 4 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 13 |
| 14 | 7 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7* | 9+ | 9+ | 9 | 9 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9 | 9+ | 6* | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 5 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 5 | 8 | 5* | 17 |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 5 | 4* | 9+ | 9 | 9+ | 5 | 6* | 5* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 8 | 9 | 5 | - | 9 | 9 | 9+ | 5 | 6* | 3* | 19 |
| 20 | 9+ | 7 | - | 9+ | 9+ | 7 | 3 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 7 | 8 | 2 | 1 | 9 | 9 | 9+ | 5 | 5* | 2* | 20 |
| 21 | 9+ | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 7 | 9 | 9+ | 9 | 8 | 8 | 2 | - | 7 | 9 | 9 | 5 | 5* | 3* | 21 |
| 22 | 9+ | 8 | 2 | 9+ | 9+ | 5 | 6 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 5 | 9 | 9+ | 9 | 6 | 8 | 3 | - | 4* | 9 | 8 | 5 | 5* | 4* | 22 |
| 23 | 9+ | 5 | 5 | 9+ | 9+ | 1 | 7 | 9+ | 8 | 7 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 6 | 8 | 9+ | 9+ | 6 | 9 | 2* | - | 4* | 9 | 9 | 5 | 4* | 2* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Dec., Saudi Arabia (Riyadh), for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9 | 9 | 9+ | 9+ | 8 | 8 | 9 | - | 4* | 9 | 9+ | 6 | 7 | 2* | - | 2* | 9 | 7 | 5 | 3* | - | 0 |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 5 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 8 | 9 | 9 | 8 | 7 | 8 | - | 2* | 9 | 9 | 6 | 6 | 2* | - | 1* | 8 | - | 5 | 1* | - | 1 |
| 2 | 9+ | - | 5 | 9+ | 9+ | - | 7 | 9+ | 4 | 8 | 9+ | 9+ | - | 8 | 9 | 9+ | 9 | 9 | 9+ | 8 | 7 | - | 9+ | 8 | 3 | 6 | 9 | 2* | - | - | 1 | - | 5 | - | - | 2 |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9+ | - | 6 | 9+ | 9+ | - | 8 | 9 | 9 | 9 | 7 | 9+ | 6 | 9 | - | 9+ | 5 | 4 | 9+ | 9 | 5* | - | 9+ | 6* | 3* | 6 | 8 | 2* | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 2 | 9 | - | 7 | 9+ | 9+ | - | 8 | 6 | 8 | 9 | 9+ | 9+ | 6 | 9 | 8 | 9 | 8 | 5 | 9+ | 8 | 8 | - | 9+ | 5* | 6 | 9+ | 9 | 5* | 4 |
| 5 | 5 | - | 7 | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 6 | 9 | 9+ | 9+ | 6 | 9 | 1 | 9 | 9 | 9+ | 9+ | 8 | 6 | 8 | 9 | 6 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 4 | 9+ | - | - | 6 | - | 4 | 9 | 9+ | - | 4 | 9+ | 4 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 2* | - | 9 | 5* | 9+ | 9+ | 8 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 2 | - | 1 | 6 | 9+ | - | 1 | 9 | 5 | 5 | 9+ | 9+ | 3 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 1* | 7 | 9 | 2* | 9+ | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | 5 | - | 9 | 5 | 1 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 1* | 9+ | 9 | 2* | 9+ | 9+ | 8 | 4* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | 6 | - | 9 | 7 | 3 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9 | 5 | - | 9+ | 9 | 4* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2 | 9 | 9+ | 6 | - | 9+ | 9 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | 2 | 2 | - | 4 | 9+ | 2 | 1 | 9 | 9 | 2* | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 1* | 9+ | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 6 | 7 | - | 8 | 9+ | 5 | 3 | 9+ | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 1 | 9+ | 9 | 8 | 12 |
| 13 | 5 | 4 | - | 8 | 9+ | 2 | - | 9 | 8 | - | 9 | 9+ | 7 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 1 | 9+ | 9 | 9 | 13 |
| 14 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 8 | - | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 5 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 7 | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 5 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 6 | 8 | 9 | 5* | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 3* | 9+ | 9 | 9+ | 9+ | 9+ | 6 | 5* | 9+ | 9 | 9+ | 5 | 8 | 4* | 17 |
| 18 | 9+ | 6 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 3* | 3* | 7 | 9 | 9+ | 5 | 6 | 3* | 18 |
| 19 | 9+ | 7 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | - | 9+ | 9+ | 8 | 7 | 9 | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9 | 9+ | 2* | 1* | 6 | 9 | 9+ | 5 | 5* | 3* | 19 |
| 20 | 9 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 8 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9+ | 8 | 9 | 1* | - | 5 | 9 | 9+ | 5 | 5* | 3* | 20 |
| 21 | 9 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 8 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 1 | 9+ | 9 | 9 | 7 | 8 | 1* | - | 4* | 9 | 5 | 5 | 4* | 3* | 21 |
| 22 | 9+ | 7 | 1 | 9+ | 9+ | 6 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | - | 9 | 9+ | 9 | 6 | 8 | 1* | - | 3* | 9 | 3 | 5 | 4* | 3* | 22 |
| 23 | 9+ | 5 | 5 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 1 | 7 | 9+ | 9 | 6 | 8 | 1* | - | 5* | 9 | 9 | 5 | 5* | 2* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jan., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 5 | 9 | 8 | 8 | 5 | 9 | - | 2* | 9 | 8 | 6 | 1* | 1* | - | - | 5 | - | 5 | - | - | 0 |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 5 | 9 | 9 | 6 | 6 | 8 | - | - | 7 | 1 | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 6 | 9+ | 9+ | - | 7 | 9+ | 5 | 8 | 9+ | 9+ | - | 8 | 7 | 9+ | 8 | 7 | 8 | 7 | 6 | - | 3 | 1* | - | 6 | 2 | 1* | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 1 | 7 | 9+ | 9 | - | 8 | 2 | 9 | 6 | 7 | 9+ | 7 | 7 | - | 9+ | 5* | 2* | 9 | 9 | 3* | - | 8 | 5* | 4* | 5 | 6 | - | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 9 | 9 | 9+ | 6 | 9 | - | 9 | 5* | 9 | 9+ | 9 | 5 | - | 9 | 6* | - | 9 | 8 | 4* | 4 |
| 5 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 6 | 9+ | 6 | 9 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 2 | - | 9 | 6 | 9 | 9+ | 8 | 5* | 5 |
| 6 | - | - | 5 | 5 | 9+ | - | - | 6 | - | 3 | 9 | 9+ | - | 3 | 9+ | 5 | 8 | 9+ | 9+ | 4 | 5 | 7 | 9 | 8 | 9+ | 9+ | 7 | 2* | 9+ | 9 | 5 | - | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 2 | - | - | 7 | 9+ | 5 | 1 | 9 | 5 | 5 | 9+ | 9+ | 4 | 4 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 1* | - | 9 | 1* | - | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | 5 | - | 9 | 5 | 2 | 9+ | 9+ | 2 | 2 | 9+ | 9 | 3 | 9+ | 9+ | 8 | 2* | 7 | 9 | - | 9 | 9+ | 8 | 1* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 6 | 2 | 9+ | 9+ | 5 | 2 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9 | 1 | 9 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | 9+ | 9+ | 5 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 5 | 9+ | - | 1 | 9 | 9 | 2 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 5 | 9 | 9+ | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 5 | 6 | - | 8 | 9+ | 5 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 1* | 9+ | 9 | - | 12 |
| 13 | 4 | 3 | - | 7 | 9+ | 2 | - | 8 | 8 | - | 9 | 9+ | 6 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | - | 9+ | 9 | 5 | 13 |
| 14 | 8 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 3* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 9 | 9 | 9 | 8 | - | 9 | 9 | 8 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 9 | 8 | 8 | 8 | 9 | 8 | 7* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 5 | 5 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 7 | 8 | 7 | 8 | 7 | 5 | 6 | 5* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9 | 8 | 9 | 4* | 3* | 5 | 9 | 1 | 5 | 4 | 4* | 17 |
| 18 | 9+ | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 6 | 9 | 4* | - | 3 | 9 | 1 | 5 | 5* | 3* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9 | 9+ | 8 | 7 | 9 | 9 | 9+ | 6 | 8 | 2* | - | 1 | 9 | 9 | 5 | 6* | 2* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 7 | 3 | 8 | 9 | 9 | 6 | 7 | 1* | - | - | 9 | 9 | 5 | 5* | 1* | 20 |
| 21 | 9+ | 8 | - | 9+ | 9+ | 7 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 8 | 1 | 5 | 9 | 8 | 6 | 8 | 1* | - | 2* | 9 | 9 | 5 | 3* | 1* | 21 |
| 22 | 9+ | 7 | 1 | 9+ | 9+ | 6 | 7 | 9+ | 9 | 6 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | 9 | 9+ | 9 | 8 | - | 1* | 9 | 9 | 6 | 8 | 2* | - | 3* | 9 | 5 | 5 | 2 | - | 22 |
| 23 | 9+ | 6 | 6 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9 | 9+ | 8 | 9 | 9 | 9 | 9 | 9 | 1 | 2* | 9+ | 8 | 6 | 6 | 1* | - | 1* | 8 | 2 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Feb., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|--|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9+ | 5 | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 8 | 9 | 9+ | 9 | 8 | 9 | 1 | 2* | 9 | 7 | 6 | 2* | 3* | - | 2* | 8 | 6 | 5 | 1* | 1* | 0 | | | | |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 7 | 9 | 9 | 9 | 7 | 9 | - | 1* | 9 | 8 | 6 | 2* | 1* | - | - | 5 | - | 5 | - | - | 1 | | | | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 5 | 9+ | 5 | 7 | 9+ | 9+ | - | 9 | 9 | 9 | 9 | 9+ | 8 | 8 | - | 4 | 6 | 1* | 6 | 3 | 1* | - | - | - | - | 5 | - | - | 2 | | | | | |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9+ | - | 8 | 9+ | 9 | - | 8 | 9+ | 9 | 8 | 1* | 9+ | 5 | 9 | - | 9+ | 4* | 2* | 9+ | 9 | 4* | - | 6 | 4* | 4* | 5 | 7 | - | 3 | | | | |
| 4 | 7 | - | - | 9+ | 9+ | - | 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 5 | 8 | 9 | 9+ | 9+ | 5 | 9 | 8 | 9 | 5* | - | 9+ | 8 | 8 | - | 9 | 6* | 2* | 9+ | 8 | 5* | 4 | | | | |
| 5 | 3 | - | - | 8 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 5 | 9 | 9+ | 9 | 4 | 8 | - | 9 | 9 | 9+ | 9+ | 7 | 6 | 7 | 9 | 6 | - | 9+ | 8 | 5* | 5 | | | | |
| 6 | - | - | - | 3 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 4 | 8 | 9+ | 9+ | 3 | 7 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 3* | - | 9 | 7 | - | 9+ | 8 | 5* | 6 | | | | |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | - | 9 | 3 | 5 | 9+ | 9+ | 2 | 5 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 1* | 1 | 9 | 3* | 1 | 9+ | 8 | 5* | 7 | | | | |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 4 | 2 | 9+ | 9+ | 2 | 4 | 9+ | 8 | 4 | 9+ | 9+ | 8 | 1* | 9 | 9 | 1* | 9+ | 9+ | 8 | 4* | 8 | | | | |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 5 | 2 | 9+ | 9+ | 3 | 2 | 9 | 9 | 7 | 9+ | 9+ | 9 | 2* | 9 | 9 | 4 | 9+ | 9+ | 9 | 1* | 9 | | | | |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 7 | 1 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 2* | 9+ | 9+ | 7 | 9+ | 9+ | 9 | - | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | 1 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | 3 | 3 | - | 7 | 9+ | 4 | 1 | 9 | 9 | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 1 | 12 | | | | |
| 13 | 1 | 2 | - | 5 | 9+ | 1 | - | 7 | 8 | - | 9 | 9+ | 6 | 3 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 13 | | | | |
| 14 | 5 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 14 | | | | |
| 15 | 8 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 15 | | | | |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 5* | 9 | 8 | 6 | 9 | 8 | 6 | 16 | | | | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 8 | 9 | 9 | 6 | 6 | 7 | 5* | 17 | | | | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 5* | 5 | 9 | 9 | 9 | 5 | 5* | 4* | 18 | | | | |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 1 | 9+ | 9+ | 9 | 5 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 9 | 9 | 9 | 8 | 8 | 2* | 1* | 6 | 9 | 9 | 5 | 6* | 4* | 19 | | | | |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 8 | 9 | 9 | 9+ | 6 | 7 | 1* | - | 4 | 9 | 9 | 5 | 5* | 4* | 20 | | | | |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 7 | 9 | 9 | 9+ | 6 | 7 | 1* | - | 3* | 9 | 9 | 5 | 5* | 4* | 21 | | | | |
| 22 | 9+ | 8 | 3 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 7 | 5 | 9 | 9+ | 6 | 7 | 2* | - | 5* | 9 | 9 | 5 | 3* | 2* | 22 | | | | |
| 23 | 9+ | 8 | 2 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 6 | 3* | 9 | 9 | 6 | 8 | 3* | - | 4* | 9 | 9 | 5 | 2* | 1* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Mar., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 6 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 8 | 2* | 9 | 9+ | 6 | 5 | 2* | - | 4* | 9 | 9 | 5 | 3* | - | 0 |
| 1 | 9+ | 1 | 7 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 2 | 3* | 9 | 8 | 6 | 4 | 1* | - | 1* | 8 | 5 | 5 | 1* | - | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 4 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | - | 9 | 8 | 8 | 8 | 8 | 4* | - | - | - | - | 5 | 2 | - | 2 |
| 3 | 8 | - | 2 | 9+ | 9+ | - | 4 | 9 | - | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 2 | 9+ | 3* | 8 | 9+ | 8 | 6 | - | 9 | 5* | 5* | 9 | 8 | 5* | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 7 | - | 9+ | 8 | 7 | - | 9 | 5* | 8 | 9+ | 9 | 6* | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 3 | 9+ | 9+ | - | 5 | 9+ | 3 | 9 | 9+ | 9 | 3* | 8 | 5 | 9 | 9 | 9+ | 9+ | 7 | 5* | 9 | 9 | 9 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 1 | 9 | 2 | 8 | 9+ | 9+ | 2 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 6 | 4* | 9+ | 9 | 8 | 4 | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 2 | 6 | 9+ | 9+ | 1 | 4 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 3* | 2 | 9 | 4* | 9+ | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 3 | 3 | 9+ | 9+ | 2 | 4 | 9 | 8 | 7 | 9+ | 9+ | 7 | 2* | 9+ | 9 | 3* | 9+ | 9+ | 8 | 4* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 1 | 9 | 9+ | 2 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 2* | 9+ | 9 | 7 | 9+ | 9+ | 9 | 3* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 7 | 1 | 9+ | 9+ | 4 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 4 | - | 6 | 9+ | 3 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 5 | 9 | 9+ | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1 | 12 |
| 13 | - | 1 | - | 3 | 9+ | - | - | 5 | 7 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4 | 13 |
| 14 | 2 | 5 | - | 8 | 9+ | 3 | - | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 5* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 14 |
| 15 | 7 | 8 | - | 9+ | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 8 | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9 | 9 | 9 | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9 | 9 | 8 | 9+ | 5 | 7 | 5 | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 8 | 9+ | 8 | 5 | 6 | 4* | 18 | |
| 19 | 9+ | 9 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 1 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 7 | 4 | 9 | 9 | 9 | 5 | 5 | 4* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 5 | 1 | 9 | 9 | 9 | 5 | 5* | 4* | 20 |
| 21 | 9+ | 7 | - | 9+ | 9+ | 7 | 2 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9+ | 9 | 9 | 7 | 4 | - | 6 | 9 | 9 | 5 | 4* | 4* | 21 |
| 22 | 9+ | 9 | 1 | 9+ | 9+ | 5 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 8 | 9 | 9 | 8 | 8 | 5 | - | 5* | 9 | 8 | 5 | 4* | 4* | 22 |
| 23 | 9+ | 8 | 5 | 9+ | 9+ | 2 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 6 | 9 | 9 | 6 | 8 | 4 | - | 5* | 9 | 5 | 5 | 5* | 2* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Apr., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 5 | 6 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9 | 9+ | 7 | 7 | 6 | - | 4* | 9 | 9 | 5 | 4* | 1* | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 6 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9 | 8 | 9 | 9 | 9 | 8 | 5 | - | 2* | 8 | 7 | 5 | 2* | - | 1 |
| 2 | 9 | - | 3 | 9+ | 9+ | - | 4 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 8 | 9+ | 9 | 9 | 9+ | 9 | 5 | - | 4 | 4* | 4 | 5 | 7 | 2* | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9+ | 8 | 3 | 9+ | 9 | 8 | - | 9 | 6* | 5* | 9 | 8 | 6* | 3 |
| 4 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 6 | 9+ | 7 | 9 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 6 | 8 | 9 | 6* | - | 9+ | 9 | 7* | 4 |
| 5 | - | - | - | 6 | 9+ | - | - | 6 | - | 2 | 9 | 9+ | - | 2 | 9+ | 5 | 8 | 9+ | 9 | 4* | 8 | 6 | 9 | 9 | 9+ | 9+ | 6 | 5* | 9 | 9 | 8 | - | 9+ | 8 | 6* | 5 |
| 6 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | - | 9 | 1 | 7 | 9+ | 9+ | 1 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 4* | 9+ | 9 | 5* | 9 | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 2 | 5 | 9+ | 9+ | 1 | 5 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 3* | 9+ | 9 | 4* | 5 | 9+ | 8 | 5* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 4 | 2 | 9+ | 9+ | 1 | 4 | 9+ | 8 | 7 | 9+ | 9+ | 7 | 2* | 9+ | 9 | 3* | 9 | 9+ | 8 | 4* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 1 | 9+ | 9+ | 2 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 2* | 9+ | 9 | 7 | 9+ | 9+ | 8 | 3* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 7 | 1 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9 | 8 | 9+ | 9+ | 9 | 2* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 1* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 5 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | - | 12 |
| 13 | - | - | - | 2 | 9+ | - | - | 3 | 7 | - | 8 | 9+ | 4 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 2* | 13 |
| 14 | 1 | 4 | - | 8 | 9+ | 2 | - | 7 | 8 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 5* | 14 |
| 15 | 5 | 8 | - | 9 | 9+ | 6 | - | 8 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7* | 15 |
| 16 | 8 | 9 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9+ | 9 | 9 | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 3 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 8 | 9+ | 6 | 8 | 5* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 8 | 5 | 7 | 4* | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 5 | 9+ | 9+ | 9 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 8 | 6 | 8 | 3* | 19 |
| 20 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 8 | 9 | 9 | 8 | 6 | 6 | 4* | 20 |
| 21 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 6 | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 8 | 7 | 5* | 9 | 8 | 5 | 5* | 4* | 21 |
| 22 | 9+ | 8 | 1 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 8 | 6 | 5* | 9 | 8 | 5 | 5* | 5* | 22 |
| 23 | 9 | 8 | 5 | 9+ | 9+ | 2 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9 | 9+ | 8 | 8 | 8 | 4 | 5* | 9 | 7 | 5 | 5* | 2* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

May, Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 6 | 9+ | 9+ | - | 4 | 9 | 8 | 7 | 9+ | 9+ | 5 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9 | 9 | 8 | 8 | - | 2* | 7 | 8 | 5 | 2* | - | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 3 | 9 | 5 | 7 | 9+ | 9+ | 1 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9 | 9 | 9+ | 8 | 8 | - | 1 | 4 | 5 | 5 | 2 | - | 1 |
| 2 | 8 | - | 2 | 9+ | 9+ | - | 2 | 9 | 1 | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9+ | 9 | 9 | 9+ | 9 | 8 | - | 3 | 2* | 3 | 5 | 5 | 2 | 2 |
| 3 | 7 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 9 | - | 9+ | 9 | 8 | 1 | 5 | 5* | 3* | 8 | 8 | 5* | 3 |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 3 | 9+ | 6 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 7 | 8 | 8 | 6* | 9 | 9 | 8 | 7* | 4 |
| 5 | - | - | - | 5 | 9+ | - | - | 5 | - | - | 9 | 9+ | - | 1 | 9 | 3 | 8 | 9+ | 9 | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 5 | 9 | 8 | 5* | - | 9 | 8 | 5* | 5 |
| 6 | - | - | - | - | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 1 | 6 | 9+ | 9 | 1 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 4 | 9 | 8 | 5 | 9 | 9 | 9 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 8 | 1 | 4 | 9+ | 9 | - | 4 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 3* | 9 | 9 | 3* | 9 | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 1 | 2 | 9+ | 9+ | 1 | 4 | 9+ | 8 | 6 | 9+ | 9+ | 7 | 2* | 9 | 9 | 1* | 9 | 9+ | 8 | 2* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 1 | 9+ | 9+ | 2 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 2* | 9+ | 9 | 3 | 8 | 9+ | 8 | 2* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 6 | 1 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 4 | 9+ | 9 | 6 | 9 | 9+ | 8 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 7 | 9 | 9+ | 8 | 1* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 5 | 9+ | - | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 5 | 9+ | 8 | 1* | 12 |
| 13 | - | - | - | 1 | 9+ | - | - | 1 | 4 | - | 8 | 9+ | 3 | - | 9 | 9 | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 1* | 13 |
| 14 | - | 2 | - | 7 | 9+ | 1 | - | 5 | 6 | - | 9 | 9+ | 5 | - | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 4* | 14 |
| 15 | 3 | 4 | - | 9 | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6* | 9+ | 9 | 8 | 9 | 9+ | 9 | 5* | 15 |
| 16 | 7 | 8 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 8 | 8 | 9 | 8 | 7 | 6* | 16 |
| 17 | 9 | 6 | - | 9+ | 9+ | 8 | - | 8 | 9 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 7 | 9+ | 7 | 9 | 8 | 5 | 5* | 5* | 17 |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 8 | 9 | 5 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 7 | 9 | 5 | 9 | 9 | 5 | 6* | 3* | 18 |
| 19 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9 | 5 | 9 | 9 | 5 | 5* | 3* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 6 | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 8 | 9 | 3 | 9 | 9 | 5 | 5* | 2* | 20 |
| 21 | 9 | 7 | 8 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 9 | 8 | 5* | 9 | 9 | 5 | 4* | 2* | 21 |
| 22 | 9 | 8 | 9 | 9+ | 9+ | 7 | 1 | 9 | 9 | 6 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 6 | 9 | 8 | 4* | 8 | 9 | 5 | 4* | 2* | 22 |
| 23 | 9 | 7 | 6 | 9+ | 9+ | 3 | 3 | 9 | 9 | 7 | 9+ | 9+ | 7 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9 | 9 | 8 | 8 | 5 | 3* | 8 | 9 | 5 | 2* | 1* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jun., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 2 | 5 | 9+ | 9+ | - | 2 | 9 | 8 | 7 | 9+ | 9+ | 5 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9 | 9 | 8 | 8 | 1 | 1* | 5 | 4 | 5 | 1 | 1 | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 2 | 9 | 4 | 7 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 8 | 9 | 9 | 9+ | 8 | 8 | - | 2 | 2 | 1* | 5 | 3 | - | 1 |
| 2 | 8 | - | 1 | 9+ | 9+ | - | 1 | 9 | 1 | 7 | 9+ | 9+ | - | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 9 | 9 | 9+ | 8 | 7 | - | 1 | 1 | 1 | 5 | 5 | 1* | 2 |
| 3 | 5 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 4 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 9 | 9 | 9+ | 9 | 8 | 4 | 6 | 4* | - | 9 | 7 | 4* | 3 |
| 4 | 1 | - | - | 9 | 9+ | - | - | 7 | - | 2 | 9+ | 9+ | - | 1 | 9 | 4 | 8 | 9+ | 9 | 2* | 9 | 9+ | 9 | 9 | - | 9+ | 8 | 6* | 8 | 6 | 2 | 6 | 9 | 8 | 6* | 4 |
| 5 | - | - | - | 4 | 9+ | - | - | 3 | - | - | 9 | 9+ | - | - | 9 | 2 | 8 | 9+ | 9 | 1 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 5* | 8 | 5 | 5 | 9 | 9 | 7 | 6* | 5 |
| 6 | - | - | - | - | 9+ | - | - | - | - | - | 8 | 9+ | - | - | 9 | 2 | 6 | 9+ | 9 | 1* | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 4* | 8 | 5 | 4 | 9 | 8 | 7 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 8 | 1 | 3 | 9+ | 8 | - | 4 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 2* | 8 | 8 | 1 | 9 | 9 | 8 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 2 | 2 | 9+ | 8 | 1 | 3 | 9+ | 8 | 6 | 9+ | 9+ | 7 | 2* | 8 | 8 | - | 9 | 9 | 9 | 1* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | 1 | 9+ | - | - | 8 | 3 | 1 | 9+ | 9 | 4 | 4 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 2* | 9 | 9 | - | 9 | 9+ | 8 | 1* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 5 | - | 9+ | 9+ | 4 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 2* | 9 | 9 | 7 | 9 | 9+ | 8 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 7 | - | 9+ | 9+ | 6 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 4 | 9 | 9 | 8 | 9 | 9+ | 9 | 1* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 8 | 1* | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5 | 9 | 9 | 8 | 9 | 9+ | 9 | - | 12 |
| 13 | - | - | - | 1 | 9+ | - | - | 1 | 2 | - | 8 | 9+ | 3 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 8 | 5 | 9 | 9 | 8 | 3 | 9+ | 9 | - | 13 |
| 14 | - | 1 | - | 6 | 9+ | - | - | 4 | 5 | - | 9 | 9+ | 6 | - | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 6* | 9 | 9 | 8 | 5 | 9+ | 8 | 2* | 14 |
| 15 | 1 | 3 | - | 9 | 9+ | 3 | - | 7 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 6* | 9 | 9 | 9 | 7 | 9 | 7 | 4* | 15 |
| 16 | 6 | 7 | - | 9+ | 9+ | 7 | - | 8 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6* | 9 | 6 | 9 | 7 | 5 | 5 | 5* | 16 |
| 17 | 8 | 6 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 7 | - | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 5 | 9 | 2 | 9 | 9 | 5 | 2* | 2* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | 5 | 9+ | 9+ | 9 | - | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 5 | 9 | - | 9 | 8 | 5 | 7* | 1* | 18 |
| 19 | 9 | 7 | 6 | 9+ | 9+ | 8 | - | 8 | 9 | 5 | 9+ | 9+ | 9 | - | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 5 | 9 | - | 8 | 7 | 5 | 5 | 1* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 8 | 9 | 6 | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 6 | 9 | - | 8 | 5 | 5 | 3* | - | 20 |
| 21 | 9 | 8 | 8 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 8 | 8 | 1* | 8 | 5 | 5 | 2* | - | 21 |
| 22 | 9 | 8 | 9 | 9+ | 9+ | 7 | - | 9 | 9 | 8 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9 | 9 | 7 | 8 | 7 | 1* | 7 | 1 | 5 | 4* | - | 22 |
| 23 | 9 | 7 | 6 | 9+ | 9+ | 2 | - | 9 | 8 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 7 | 9 | 9 | 9 | 8 | 9 | 1 | 1* | 4 | 4 | 5 | 2 | 1 | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jul., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 3 | 5 | 9+ | 9+ | - | 4 | 9 | 8 | 7 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 6 | 8 | - | 1* | 5 | 5 | 5 | 2* | - | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 2 | 9 | 5 | 7 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 8 | 9 | 9 | 9 | 8 | 7 | - | - | 2 | 1 | 5 | 1 | - | 1 |
| 2 | 8 | - | 2 | 9+ | 9+ | - | 1 | 9 | 1 | 8 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 8 | 8 | 9+ | 8 | 7 | - | 2 | 1 | - | 5 | 4 | 1* | 2 |
| 3 | 6 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 8 | 8 | 9+ | 9 | 7 | 1 | 4 | 4* | - | 8 | 6 | 3* | 3 |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 2 | 9+ | 5 | 9 | 9+ | 9 | 2* | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 6* | 7 | 5 | 2* | 3 | 9 | 9 | 6* | 4 |
| 5 | - | - | - | 5 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | - | 9 | 2 | 8 | 9+ | 9 | 1* | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 5* | 8 | 6 | 1 | 8 | 9 | 8 | 5* | 5 |
| 6 | - | - | - | - | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 1 | 6 | 9+ | 9 | 1* | 6 | 9+ | 8 | 8 | 9+ | 9+ | 9 | 4* | 8 | 4 | 3 | 9 | 8 | 7 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 8 | 1 | 5 | 9+ | 8 | - | 5 | 9+ | 8 | 7 | 9+ | 9+ | 8 | 2* | 7 | 8 | 1 | 9 | 9 | 8 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 2 | 2 | 9+ | 8 | 1 | 4 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 2* | 7 | 9 | - | 8 | 9 | 9 | 1* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 3 | 1 | 9+ | 9 | 2 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 2 | 8 | 9 | - | 8 | 9+ | 8 | 1* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 5 | - | 9+ | 9+ | 4 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2 | 9 | 9 | 7 | 8 | 9+ | 8 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 5 | 9 | 9 | 8 | 8 | 9+ | 9 | 1* | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 5 | 9+ | - | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9 | 9 | 8 | 9 | 9+ | 9 | - | 12 |
| 13 | - | - | - | 2 | 9+ | - | - | 1 | 2 | - | 8 | 9+ | 4 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9 | 9 | 8 | 2 | 9+ | 9 | - | 13 |
| 14 | - | 2 | - | 7 | 9+ | 1 | - | 5 | 5 | - | 9 | 9+ | 6 | - | 9 | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 6 | 9 | 9 | 8 | 5 | 9+ | 8 | 2* | 14 |
| 15 | 3 | 4 | - | 9 | 9+ | 4 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6* | 9 | 9 | 9 | 7 | 9 | 6 | 4* | 15 |
| 16 | 7 | 7 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 6 | 9 | 6 | 9 | 7 | 5 | 4 | 4* | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 6 | 9 | 2 | 9 | 9 | 5 | 2* | 2* | 17 |
| 18 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 8 | 5 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 5 | 9 | - | 9 | 8 | 5 | 6* | 1* | 18 |
| 19 | 8 | 7 | 6 | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 6 | 8 | - | 8 | 7 | 5 | 4* | 1* | 19 |
| 20 | 9 | 7 | - | 9+ | 9+ | 8 | - | 9 | 9 | 6 | 9+ | 9+ | 9 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 8 | 9 | 8 | 7 | 8 | 1 | 7 | 5 | 5 | 2 | - | 20 |
| 21 | 9 | 7 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9 | 6 | 9 | 7 | 8 | 5 | 1 | 8 | 2 | 5 | 2* | - | 21 |
| 22 | 9 | 8 | 9 | 9+ | 9+ | 6 | - | 9 | 9 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9 | 5 | 9 | 6 | 9 | 4 | 1* | 5 | 2 | 5 | 2* | - | 22 |
| 23 | 9 | 7 | 6 | 9+ | 9+ | 4 | 3 | 9 | 9 | 7 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 6 | 9 | 6 | 9 | 8 | 8 | - | 2* | 4 | 7 | 5 | 1 | 1 | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Aug., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 3 | 6 | 9+ | 9+ | - | 5 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 4 | 9 | 9 | 6 | 4 | 7 | - | 1* | 6 | 5 | 5 | 2* | - | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 8 | 6 | 9 | 8 | 8 | 7 | 5 | - | - | 3 | 1 | 5 | 1* | - | 1 |
| 2 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9 | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 8 | 9 | 8 | 7 | 9+ | 8 | 6 | - | 1 | 1 | 1* | 5 | 4 | - | 2 |
| 3 | 7 | - | 1 | 9+ | 9+ | - | 1 | 9 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 5 | 9 | 9 | 9 | 8 | 7 | 9+ | 9 | 6 | 1 | 4 | 4* | 1* | 8 | 6 | 2* | 3 |
| 4 | 3 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 4 | 9+ | 6 | 8 | 9+ | 9+ | 3 | 9 | 9+ | 9 | 9 | - | 9+ | 7 | 6* | 7 | 5 | 4* | 5 | 9 | 7 | 6* | 4 |
| 5 | - | - | - | 6 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 1 | 9 | 3 | 8 | 9+ | 9 | 3* | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 5* | 9 | 5 | 3 | 9 | 9 | 6 | 5* | 5 |
| 6 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 1 | 6 | 9+ | 9 | 1 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 4* | 9 | 5 | 2 | 9 | 8 | 8 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 8 | 1 | 5 | 9+ | 8 | 1 | 4 | 9+ | 8 | 5 | 9+ | 9+ | 8 | 2* | 9 | 8 | - | 9 | 9 | 9 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 2 | 3 | 9+ | 9 | 1 | 4 | 9+ | 8 | 4 | 9+ | 9+ | 7 | 2* | 9 | 9 | - | 8 | 9+ | 9 | 1* | 8 |
| 9 | - | - | - | - | 9 | - | - | - | - | - | - | 9+ | - | - | 8 | 3 | 1 | 9+ | 9+ | 2 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 2* | 9 | 9 | 1 | 8 | 9+ | 8 | 1* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 6 | 1 | 9+ | 9+ | 5 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 3 | 9+ | 9 | 7 | 8 | 9+ | 8 | 1* | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 8 | - | 9+ | 9+ | 7 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 6 | 9 | 9+ | 8 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 2 | - | 6 | 9+ | 2 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 4 | 9+ | 9 | - | 12 |
| 13 | - | - | - | 3 | 9+ | - | - | 3 | 4 | - | 9 | 9+ | 4 | - | 9+ | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9 | 8 | 5 | 9+ | 9 | - | 13 |
| 14 | 1 | 3 | - | 8 | 9+ | 1 | - | 6 | 7 | - | 9+ | 9+ | 6 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9 | 9 | 8 | 5 | 9+ | 9 | 2* | 14 |
| 15 | 5 | 4 | - | 9 | 9+ | 6 | - | 8 | 9 | - | 9+ | 9+ | 7 | 2 | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6* | 9 | 9 | 8 | 5 | 9 | 8 | 5* | 15 |
| 16 | 8 | 9 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 9 | 8 | 8 | 9 | 5 | 4 | 5* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 4 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 9 | 6 | 9 | 8 | 5 | 4* | 3* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9+ | 9 | 8 | 7 | 9 | 2 | 9 | 9 | 5 | 5* | 1* | 18 |
| 19 | 8 | 8 | 5 | 9+ | 9+ | 8 | - | 9 | 9 | 2 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 9 | 8 | 7 | 7 | 2 | 9 | 5 | 5 | 5* | 1* | 19 |
| 20 | 9+ | 7 | 7 | 9+ | 9+ | 8 | - | 9 | 9 | 6 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9+ | 7 | 7 | 8 | 5 | 2 | 8 | 4 | 5 | 3* | - | 20 |
| 21 | 9+ | 7 | 8 | 9+ | 9+ | 8 | - | 9+ | 9 | 6 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 8 | 6 | 7 | 8 | 1 | 2 | 8 | 3 | 5 | 2* | - | 21 |
| 22 | 9+ | 8 | 5 | 9+ | 9+ | 6 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 6 | 9 | 7 | 8 | 5 | 8 | 2 | 1* | 8 | 3 | 5 | 2* | - | 22 |
| 23 | 9 | 7 | 6 | 9+ | 9+ | 3 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9+ | 9 | 6 | 9 | 7 | 7 | 5 | 8 | - | 2* | 6 | 6 | 5 | 2* | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Oct., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|----|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 5 | 2* | 9 | 9 | 6 | 6 | 3* | - | 3* | 9 | 9 | 5 | 2* | - | 0 | | | | |
| 1 | 9 | 1 | 7 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 9 | - | 5 | 9 | 9 | 6 | 7 | 1* | - | - | 7 | 3 | 5 | - | - | 1 | | | | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 3 | 8 | 9+ | 9 | - | 8 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | - | 9+ | 7 | 8 | 9+ | 9 | 3* | - | 3 | 3* | 1* | 5 | 5 | 1* | 2 | | | | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 5 | 9 | 9 | 9+ | 6 | - | 9+ | 9 | 9 | - | 9 | 6* | 4* | 9+ | 9 | 6* | 3 | | | | |
| 4 | 6 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 7 | 9 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 2 | 9+ | 8 | 8 | 8 | 9 | 6* | - | 9+ | 8 | 6* | 4 | | | | |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 2 | 9+ | 9+ | - | 5 | 9+ | 4 | 9 | 9+ | 9 | 3 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 9 | - | 9+ | 8 | 6* | 5 | | | | |
| 6 | - | - | - | 2 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 1 | 9 | 2 | 8 | 9+ | 9+ | 2 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 3* | 1 | 9 | 8 | 9 | 9+ | 8 | 5* | 6 | | | | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 2 | 5 | 9+ | 9+ | 1 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 2* | 9 | 9 | 4* | 9+ | 9+ | 8 | 5* | 7 | | | | |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 4 | 3 | 9+ | 9+ | 1 | 3 | 9 | 9 | 7 | 9+ | 9+ | 8 | 2* | 9 | 9 | 3* | 9+ | 9+ | 8 | 4* | 8 | | | | |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | - | 9+ | - | - | 8 | 5 | 1 | 9 | 9+ | 4 | 4 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2* | 9+ | 9 | 8 | 9+ | 9+ | 9 | 3* | 9 | | | | |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 6 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1* | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | 1 | - | - | 4 | 9+ | - | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 6 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3 | 11 | | | | |
| 12 | - | - | - | - | 9+ | - | - | 3 | 3 | - | 8 | 9+ | 1 | 1 | 9 | 9 | 3* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 12 | | | | |
| 13 | 1 | 2 | - | 6 | 9+ | 1 | - | 7 | 8 | - | 9 | 9+ | 6 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 13 | | | | |
| 14 | 5 | 7 | - | 9 | 9+ | 5 | - | 8 | 7 | - | 9+ | 9+ | 7 | 3 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 5* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 14 | | | | |
| 15 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 8 | 9+ | 9+ | - | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 15 | | | | |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 6* | 9 | 8 | 8 | 8 | 8 | 7 | 16 | | | | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | 3 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 8 | 5 | 6* | 4* | 17 | | | | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 4* | 9 | 9 | 9+ | 8 | 9 | 8 | 7 | 9 | 9 | 8 | 5 | 5* | 4* | 18 | | | | |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 2 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 9 | 9 | 9 | 7 | 8 | 5 | 2* | 9 | 9 | 9 | 5 | 5* | 5* | 19 | | | | |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 8 | 4 | - | 7 | 9 | 9 | 5 | 6* | 4* | 20 | | | |
| 21 | 9+ | 7 | 1 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 2 | - | 4* | 9 | 9 | 5 | 5* | 4* | 21 | | | |
| 22 | 9+ | 8 | 3 | 9+ | 9+ | 5 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 6 | 9 | 9+ | 6 | 8 | 2 | - | 3* | 9 | 8 | 5 | 5* | 4* | 22 | | | | |
| 23 | 9+ | 8 | 5 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 5 | 9 | 9+ | 6 | 8 | 3 | - | 5* | 9 | 5 | 5 | 4* | 2* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Nov., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 8 | 9 | 9+ | 9 | 8 | 9 | 1 | 3* | 9 | 8 | 6 | 2* | 2 | - | 2* | 8 | 7 | 5 | 1* | - | 0 |
| 1 | 9+ | 1 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 1 | 9 | 9+ | 9 | 9 | 9 | 9+ | 8 | 9 | - | 1 | 9 | 8 | 6 | 2 | - | - | - | 3 | - | 5 | - | - | 1 |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 4 | 8 | 9+ | 9+ | - | 9 | 9 | 9+ | 9 | 9 | 9+ | 8 | 8 | - | 9 | 3* | 2* | 6 | 8 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 3 | 9+ | 9+ | - | 4 | 9 | - | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 8 | 9+ | 6 | 9 | - | 9+ | 4* | 8 | 9+ | 9 | 6* | - | 9+ | 6* | 4* | 9 | 8 | 4* | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 8 | 1 | 9+ | 8 | 5 | - | 9+ | 5* | 9 | 9+ | 8 | 6* | 4 |
| 5 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 6 | 9+ | 5 | 9 | 9+ | 9+ | 5 | 8 | 6 | 9 | 9 | 9+ | 9+ | 7 | 4* | 9 | 9 | 8 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 4 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 3 | 9+ | 3 | 8 | 9+ | 9+ | 4 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 2* | - | 9 | 8 | 9+ | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | 5 | 1 | 9 | 4 | 5 | 9+ | 9+ | 2 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 1* | 6 | 9 | 3* | 9+ | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | 5 | - | 9 | 5 | 2 | 9+ | 9+ | 3 | 3 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 1* | 9 | 9 | 4 | 9+ | 9+ | 8 | 3* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 6 | 2 | 9+ | 9+ | 5 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 1* | 9 | 9+ | 7 | 9+ | 9+ | 9 | 2* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 6 | 4 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 2 | - | 5 | 9+ | - | 1 | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 2 | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 5 | 6 | - | 8 | 9+ | 5 | 2 | 9+ | 9 | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 12 |
| 13 | 4 | 4 | - | 7 | 9+ | 2 | - | 8 | 8 | - | 9 | 9+ | 7 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 13 |
| 14 | 8 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 5* | 9+ | 8 | 7 | 9 | 9 | 7 | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 3 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9 | 6 | 8 | 5* | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9 | 9 | 5* | 5* | 9 | 8 | 8 | 5 | 5* | 4* | 17 |
| 18 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 6 | 8 | 3* | 2* | 9 | 9 | 8 | 5 | 6* | 4* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 1 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 6 | 8 | 2* | - | 8 | 9 | 9 | 5 | 6* | 2* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 7 | 9 | 9 | 9+ | 6 | 7 | 1* | - | 6 | 9 | 9 | 5 | 5* | 2* | 20 |
| 21 | 9+ | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 4 | 9 | 9 | 9+ | 6 | 8 | 1* | - | 5 | 9 | 8 | 5 | 4* | 4* | 21 |
| 22 | 9+ | 8 | 1 | 9+ | 9+ | 6 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 3 | 7 | 9 | 9+ | 6 | 8 | 1* | - | 3* | 9 | 9 | 5 | 4* | 2* | 22 |
| 23 | 9+ | 8 | 5 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 4 | 5 | 9 | 9 | 6 | 9 | 2* | - | 4* | 9 | 9 | 5 | 3* | 1* | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Dec., Saudi Arabia (Riyadh), for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 7 | 9 | 9+ | 8 | 8 | 9 | - | 3* | 9 | 9 | 6 | 2* | 1* | - | 2* | 9 | 1 | 5 | 2* | - | 0 |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 8 | 9 | 8 | 7 | 7 | 8 | - | 1* | 9 | 4 | 6 | 2 | - | - | - | 5 | - | 5 | - | - | 1 |
| 2 | 9+ | - | 6 | 9+ | 9+ | - | 7 | 9+ | 5 | 8 | 9+ | 9+ | - | 8 | 7 | 9+ | 9 | 9 | 9+ | 8 | 7 | - | 9 | 5 | 1* | 6 | 6 | 1* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 8 | 9 | 8 | 1 | 9+ | 7 | 8 | - | 9+ | 5* | 2* | 9+ | 9 | 3* | - | 8 | 5* | 4* | 5 | 8 | - | 3 |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 5 | 9+ | 9+ | - | 8 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 9 | 1 | 9+ | 6* | - | 9+ | 9 | 6 | - | 9+ | 5* | 2* | 9+ | 9 | 5* | 4 |
| 5 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 7 | 9 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 4 | 1 | 9 | 7 | - | 9+ | 8 | 5* | 5 |
| 6 | 1 | - | - | 6 | 9+ | - | - | 7 | - | 1 | 9 | 9+ | - | 5 | 9+ | 6 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 1* | 9+ | 9 | 5 | - | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 3 | - | - | 8 | 9+ | - | 1 | 9 | 5 | 5 | 9+ | 9+ | 5 | 6 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 1* | - | 9 | 1* | 9+ | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 4 | 9+ | 6 | - | 9 | 6 | 2 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 9 | 9 | - | 9+ | 9+ | 8 | 3* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 7 | 4 | 9+ | 9+ | 5 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9 | 9 | 2 | 9 | 9+ | 8 | 1* | 9 |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 2 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9+ | 4 | 1* | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 3 | 3 | - | 6 | 9+ | 3 | 2 | 9 | 9 | 2 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 1* | 9+ | 9 | - | 11 |
| 12 | 1 | 1 | - | 2 | 9+ | - | - | 7 | 7 | - | 9 | 9+ | 6 | 4 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 1* | 9+ | 9 | 4 | 12 |
| 13 | 6 | 5 | - | 8 | 9+ | 3 | 1 | 9 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | - | 9+ | 9 | 8 | 13 |
| 14 | 9 | 8 | - | 9+ | 9+ | 6 | 2 | 9 | 8 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 1 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 6 | 9+ | 8 | 1 | 9 | 9 | 8 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 6* | 9 | 8 | 8 | 9 | 8 | 6* | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 5* | 8 | 8 | 7 | 7 | 8 | 5* | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 5 | 4* | 6 | 9 | 6 | 5 | 6 | 3* | 17 |
| 18 | 9+ | 7 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 9 | 9 | 8 | 9 | 4* | 1* | 3 | 9 | 9 | 5 | 5* | 2* | 18 |
| 19 | 9+ | 7 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 1 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 6 | 9 | 2* | - | 2 | 9 | 9 | 5 | 5* | 1* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 8 | 5 | 9 | 9 | 9 | 6 | 8 | 1* | - | 1 | 9 | 9 | 5 | 5* | 2* | 20 |
| 21 | 9+ | 8 | - | 9+ | 9+ | 6 | 6 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 2 | 8 | 9 | 9+ | 6 | 8 | 1* | - | 4* | 9 | 9 | 5 | 4* | 2* | 21 |
| 22 | 9+ | 8 | 1 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 1 | 5 | 9 | 9+ | 6 | 8 | 2* | - | 3* | 9 | 7 | 5 | 4 | 1* | 22 |
| 23 | 9+ | 6 | 6 | 9+ | 9+ | 2 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9 | 9+ | 9 | 9 | 9 | 2 | 3* | 9 | 9 | 6 | 8 | 1* | - | 4* | 9 | 6 | 5 | 3* | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jan., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 7 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 5 | 9 | 9 | 8 | 2 | 8 | - | 1* | 8 | 5 | 6 | - | - | - | - | - | 5 | - | - | 0 | |
| 1 | 9+ | 3 | 7 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9 | 4 | 9 | 8 | 6 | 3 | 7 | - | - | 1 | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 6 | 9+ | 9+ | - | 6 | 9+ | 5 | 8 | 9+ | 9+ | - | 8 | 6 | 9 | 6 | 2 | 6 | 8 | 5 | - | 1 | - | - | 6 | - | - | - | - | 5 | - | - | 2 | | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 6 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 2 | 9 | 2 | 1 | 9+ | 7 | 5 | - | 9+ | 5* | 3* | 6 | 8 | 2* | - | 4 | 2* | - | 5 | - | - | 3 |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 4 | 9+ | 8 | 8 | - | 9+ | 6* | 7 | 9+ | 8 | 4* | - | 5 | 4* | - | 5 | 6 | 2* | 4 |
| 5 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 7 | 9 | 9+ | 9+ | 5 | 6 | 9 | 9 | 8 | - | 9+ | 8 | 4* | - | 9 | 1* | 7 | 9 | 8 | 2* | 5 |
| 6 | 1 | - | - | 6 | 9+ | - | - | 7 | - | 1 | 9 | 9+ | - | 3 | 9+ | 7 | 8 | 9+ | 9 | 5 | 3 | - | 9 | 6 | 9+ | 9+ | 8 | 3* | 7 | 9 | 1 | 9 | 9+ | 8 | - | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 3 | - | - | 8 | 9+ | - | 1 | 9 | 6 | 6 | 9+ | 9 | 4 | 2 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 9+ | 9 | - | 9 | 9+ | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 6 | 4 | 9+ | 9 | 4 | 2 | 9+ | 9 | - | 9+ | 9+ | 8 | 1* | 8 | 9 | - | 8 | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 7 | 1 | 9+ | 9 | 5 | 1 | 9+ | 9 | 6 | 9+ | 9+ | 9 | - | 9+ | 9 | - | 8 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 4 | 9+ | - | - | 9 | 8 | 3 | 9+ | 9+ | 7 | 4 | 9 | 9+ | 6 | 9+ | 9+ | 9 | - | 9+ | 9+ | 3 | 8 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 3 | 2 | - | 6 | 9+ | - | 1 | 9 | 9 | 4 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 9 | 9+ | 5 | 9 | 9+ | 9 | - | 11 |
| 12 | 1 | - | - | 2 | 9+ | - | - | 6 | 7 | - | 9 | 9+ | 5 | 3 | 9+ | 9+ | 4* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 7 | 8 | 9+ | 7 | - | 9 | 9 | - | 12 |
| 13 | 5 | 4 | - | 8 | 9+ | 2 | - | 9 | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 4 | 7 | 8 | - | 6 | 7 | - | 13 |
| 14 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 4* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 4* | 5 | 7 | - | 6 | 5 | 4 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 5 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 8 | 4* | 4 | 8 | 7 | 5 | 2 | 5* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 9 | 4* | 9+ | 8 | 9 | 8 | 9 | 6* | 2* | 2 | 9 | 9 | 5 | - | 5* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9 | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 7 | 9 | 8 | 8 | 6 | 8 | 5* | - | 1 | 9 | 9 | 5 | - | 3* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 8 | 9+ | 9 | 9+ | 7 | 2* | 7 | 9 | 9 | 6 | 5 | 3* | - | - | 9 | 9 | 5 | 5* | 2* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9 | 8 | 9 | 6 | 1 | 5 | 9 | 8 | 6 | 5* | 4* | - | - | 9 | 8 | 5 | 4* | 1* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 8 | 8 | 9 | 6 | - | 2 | 9 | 8 | 6 | 4* | 2* | - | - | 8 | 7 | 5 | 2* | - | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 8 | 9 | 8 | 9 | 9+ | 9 | 9 | 7 | - | 3* | 9 | 7 | 6 | 2 | 1* | - | - | 7 | 5 | 5 | 1* | - | 21 |
| 22 | 9+ | 8 | 3 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9 | 7 | 9 | 9+ | 9 | 9 | 7 | - | 2* | 9 | 9 | 6 | 5 | 1* | - | 1* | 6 | 1 | 5 | - | - | 22 |
| 23 | 9+ | 9 | 6 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 7 | 8 | 9+ | 6 | 9 | 9 | 9 | 8 | 8 | - | 2* | 9 | 9 | 6 | 1* | - | - | - | 2 | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Feb., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 7 | 9 | 8 | 9 | 7 | 9 | - | 2* | 9 | 9 | 6 | 1* | 1* | - | - | 5 | 2 | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9+ | 7 | 9 | 9 | 8 | 5 | 8 | - | 1* | 8 | 4 | 6 | 1* | - | - | - | 1 | - | 5 | - | - | 1 |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 5 | 8 | 9+ | 9+ | 1 | 8 | 8 | 9 | 9 | 8 | 9 | 8 | 7 | - | - | 1 | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 4 | 9+ | 1 | 7 | 9+ | 9 | - | 8 | 9 | 9 | 5 | 3 | 9+ | 6 | 8 | - | 9+ | 5* | 4* | 8 | 9 | 4* | - | 3 | 2* | 1* | 5 | - | - | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | - | 8 | 8 | 9 | 9+ | 8 | 8 | 1 | 9+ | 5* | - | 9+ | 8 | 6 | - | 9 | 5* | - | 8 | 7 | 4* | 4 |
| 5 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 6 | 9 | 9+ | 9+ | 5 | 7 | 9+ | 9 | 9 | - | 9+ | 8 | 4* | - | 9 | 5* | 9 | 9+ | 8 | 6* | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 6 | - | 1 | 9 | 9+ | - | 2 | 9+ | 5 | 8 | 9+ | 9 | 4 | 5 | 5 | 9 | 7 | 9+ | 9+ | 7 | 3* | 9 | 9 | 2* | - | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 2 | - | - | 7 | 9+ | - | 1 | 9 | 5 | 6 | 9+ | 9 | 4 | 3 | 9+ | 9 | 2* | 9+ | 9+ | 7 | 2* | 9+ | 9 | - | 9 | 9+ | 8 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 5 | 2 | 9+ | 9 | 3 | 2 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 8 | 9 | - | 9 | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9+ | 4 | 1 | 9 | 9 | 5 | 9+ | 9+ | 8 | 1* | 9+ | 9 | - | 9 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 6 | 4 | 9 | 9 | 5 | 9+ | 9+ | 9 | - | 9+ | 9+ | 10 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 5 | 9+ | 1 | - | 9 | 9 | 2 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 9+ | 9+ | 7 | 9 | 9+ | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 5 | 6 | - | 8 | 9+ | 2 | 1 | 9+ | 9 | 3* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9 | 9+ | 7 | 1* | 9+ | 9 | - | 12 |
| 13 | 2 | 3 | - | 7 | 9+ | 1 | - | 8 | 8 | - | 9 | 9+ | 6 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 9 | 9 | 9+ | 8 | - | 9+ | 9 | - | 13 |
| 14 | 6 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 9 | 8 | 9 | 8 | - | 9 | 9 | 3 | 14 |
| 15 | 8 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 6 | 8 | 9 | 1 | 8 | 7 | 7 | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9+ | 9 | 9 | 8 | 4* | 8 | 8 | 2 | 5 | 2 | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 9 | 4* | 9 | 8 | 9 | 7 | 8 | 5* | 3* | 7 | 9 | 2 | 5 | 1* | 5* | 17 |
| 18 | 9+ | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | - | 9+ | 9+ | 9 | 7 | 9 | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 8 | 9 | 9 | 8 | 6 | 6 | 5* | - | 4 | 9 | 7 | 5 | 5* | 4* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 6 | 8 | 9+ | 9 | 9+ | 9+ | 9 | 8 | 5 | 9 | 9 | 9 | 6 | 3* | 3* | - | 1 | 9 | 9 | 5 | 5* | 4* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 7 | 2 | 8 | 9 | 8 | 6 | 4 | 2* | - | - | 9 | 9 | 5 | 4* | 2* | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 7 | 1 | 5 | 9 | 7 | 6 | 4* | 2* | - | 1* | 9 | 9 | 5 | 2* | 1* | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9 | 9 | 9+ | 9 | 8 | 1 | 2* | 9 | 6 | 6 | 5 | 3* | - | 3* | 8 | 8 | 5 | 1* | - | 22 |
| 23 | 9+ | 9 | 6 | 9+ | 9+ | 3 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9 | 9+ | 8 | 9 | 8 | 9+ | 9 | 9 | - | 3* | 9 | 8 | 6 | 4 | 1* | - | 1* | 7 | 7 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Mar., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 7 | 9 | 9+ | 9 | 8 | 9 | 2 | 3* | 9 | 9 | 6 | 3* | 1* | - | 2* | 8 | 7 | 5 | 1* | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 8 | 9 | 9 | 9 | 8 | 9 | - | 1* | 9 | 8 | 6 | 2* | - | - | - | 4 | - | 5 | - | - | 1 |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 5 | 8 | 9+ | 9+ | - | 9 | 9 | 9+ | 9 | 6 | 9+ | 8 | 8 | - | 7 | 3* | 2 | 6 | 6 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9+ | - | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 1* | 9+ | 6 | 9 | - | 9+ | 4* | 2* | 9+ | 9 | 5* | - | 7 | 5* | 4* | 5 | 5 | 1* | 3 |
| 4 | 7 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 8 | 8 | 9 | 9+ | 9+ | 8 | 8 | 9 | 9 | 4* | - | 9+ | 8 | 6* | - | 9 | 6* | 1 | 9+ | 8 | 5* | 4 |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 4 | 9 | 9+ | 9 | 3 | 8 | - | 9 | 9 | 9+ | 9+ | 7 | 5* | 7 | 9 | 7 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 4 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 3 | 8 | 9+ | 9 | 2 | 6 | 7 | 8 | 8 | 9+ | 9+ | 7 | 3* | 9 | 9 | 5 | - | 9+ | 8 | 5* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 7 | 9+ | - | - | 9 | 3 | 5 | 9+ | 9 | 1 | 2 | 9+ | 8 | 5 | 9+ | 9+ | 8 | 2* | 9+ | 9 | 1* | 9 | 9+ | 8 | 4* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 8 | 4 | 2 | 9+ | 9+ | 3 | 1 | 9 | 9 | 2* | 9+ | 9+ | 7 | 2* | 9+ | 9 | 1* | 9 | 9+ | 8 | 2* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 5 | 2 | 9+ | 9+ | 3 | 2 | 9 | 9 | 5 | 9+ | 9+ | 8 | 2* | 9+ | 9 | - | 9 | 9+ | 9 | 1* | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 7 | 1 | 9+ | 9+ | 5 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 8 | 4 | 9 | 9+ | 5 | 9+ | 9+ | 9 | 3 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 2 | 5 | - | 7 | 9+ | 4 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 5 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 12 |
| 13 | - | 1 | - | 5 | 9+ | - | - | 6 | 7 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 5 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 13 |
| 14 | 4 | 6 | - | 9 | 9+ | 4 | - | 8 | 8 | - | 9+ | 9+ | 6 | 2 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 6 | 9+ | 9 | 3* | 14 |
| 15 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 1* | 9+ | 9+ | 9+ | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 8 | 9 | 8 | 7 | 9 | 8 | 6* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 4 | 9 | 8 | 9 | 5 | 5 | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 9 | 9 | 8 | 9+ | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 5* | 5* | 17 |
| 18 | 9 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9 | 6 | 7 | 7 | 3 | 8 | 9 | 8 | 5 | 6* | 4* | 18 |
| 19 | 9+ | 9 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 2 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 9+ | 6 | 6 | 4* | 1* | 6 | 9 | 7 | 5 | 5* | 3* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 6 | 8 | 9 | 9+ | 6 | 7 | 3* | - | 4 | 9 | 7 | 5 | 4* | 3* | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 5 | 9 | 9 | 9 | 6 | 3* | 3* | - | 3* | 9 | 9 | 5 | 3* | 2* | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 5 | 5 | 9 | 9 | 6 | 6 | 3* | - | 4* | 9 | 9 | 5 | 4* | 1* | 22 |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 2 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 9 | 5 | 4* | 9 | 9 | 6 | 5 | 2* | - | 4* | 9 | 9 | 5 | 2* | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Apr., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9+ | 5 | 6 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 7 | 4* | 9 | 8 | 6 | 3* | 2 | - | 2* | 7 | 6 | 5 | 1* | - | 0 | |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 4 | 6 | 9 | 9 | 6 | 5 | 1 | - | - | 2 | 1 | 5 | - | - | 1 | |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 2 | 9 | 5* | 7 | 9 | 9 | 5* | - | - | 1* | - | 5 | 2 | - | 2 | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 8 | 7 | 9 | 9 | 9+ | 9+ | 6 | 9 | 9 | 9+ | 5* | 8 | 9+ | 9 | 7* | - | 7 | 5* | 2* | 7 | 8 | 4* | 3 | |
| 4 | 5 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 6* | 3 | 9 | 6* | 8 | 9 | 8 | 6* | 4 | |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 4 | 9+ | 4 | 9 | 9+ | 9 | 3* | 7 | 1 | 9 | 9 | 9+ | 9+ | 7 | 5* | 8 | 8 | 5* | - | 9 | 8 | 5* | 5 | |
| 6 | - | - | - | 2 | 9+ | - | - | 3 | - | - | 9 | 9+ | - | 1 | 9 | 3 | 8 | 9+ | 9 | 1 | 5 | 4 | 9 | 7 | 9+ | 9+ | 8 | 4* | 9 | 9 | 3* | 9 | 9 | 9 | 5* | 6 | |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 2 | 6 | 9+ | 9 | 2 | 5 | 9+ | 8 | 4 | 9+ | 9+ | 8 | 3* | 9 | 9 | 1* | 9 | 9+ | 8 | 3* | 7 | |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 3 | 5 | 9+ | 9+ | 2 | 5 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 9 | 9 | 1* | 6 | 9+ | 8 | 2* | 8 | |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 5 | 2 | 9+ | 9+ | 3 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 2* | 9+ | 9 | 2 | 8 | 9+ | 8 | 1* | 9 | |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 7 | 1 | 9+ | 9+ | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 10 | |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 2 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 11 | |
| 12 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 6 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 5 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 12 | |
| 13 | - | - | - | 4 | 9+ | - | - | 5 | 5 | - | 9 | 9+ | 3 | - | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 13 | |
| 14 | 2 | 3 | - | 8 | 9+ | 1 | - | 8 | 7 | - | 9+ | 9+ | 6 | 1 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 7 | 9 | 9 | 8 | 9+ | 9+ | 9 | 3* | 14 | |
| 15 | 6 | 8 | - | 9+ | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9 | 9 | 8 | 9 | 9+ | 9 | 6* | 15 | |
| 16 | 8 | 9 | - | 9+ | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 8 | 8 | 9 | 6 | 5 | 6* | 16 | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9 | 8 | 7 | 9 | 5 | 8 | 9 | 5 | 6* | 5* | 17 | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9 | 9 | 9 | 9+ | 6 | 8 | 8 | 8 | 4 | 9 | 9 | 5 | 7* | 5* | 18 | |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 3 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 9 | 9 | 9 | 7 | 8 | 8 | 5 | 4 | 9 | 9 | 5 | 5* | 2* | 19 |
| 20 | 9+ | 8 | 7 | 9+ | 9+ | 8 | - | 9+ | 9 | 5 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 9+ | 8 | 7 | 6 | - | 3 | 9 | 9 | 5 | 4* | 1* | 20 | |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 1 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 8 | 9 | 9 | 7 | 4 | 5 | - | 4* | 9 | 9 | 5 | 4* | 2* | 21 | |
| 22 | 9+ | 9 | 5 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 5* | 9 | 9 | 6 | 7 | 4 | - | 5* | 9 | 9 | 5 | 3* | 1* | 22 | |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 3 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 3* | 9 | 9 | 6 | 4 | 5 | - | 3* | 8 | 9 | 5 | 2* | - | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

May, Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 6 | 9+ | 9+ | - | 5 | 9 | 7 | 7 | 9+ | 9+ | 5 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 8 | 5 | 9 | 9 | 7 | 4 | 5 | - | - | 2 | 2 | 5 | - | - | 0 |
| 1 | 9 | 1 | 5 | 9+ | 9+ | - | 5 | 9 | 5 | 7 | 9+ | 9+ | 1 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 7 | 8 | 8 | 8 | 9 | 7 | 4 | - | - | - | - | 5 | - | - | 1 |
| 2 | 9 | - | 3 | 9+ | 9+ | - | 3 | 9 | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 7 | 9 | 7 | 7 | 9+ | 8 | 5 | - | 1 | - | - | 5 | 2 | - | 2 |
| 3 | 7 | - | 1 | 9+ | 9+ | - | 1 | 8 | - | 6 | 9+ | 9+ | - | 6 | 9 | 8 | 9 | 9+ | 9+ | 8 | 9 | 9 | 9 | 7 | 8 | 9+ | 9 | 7 | - | 2 | 3* | - | 6 | 5 | 3* | 3 |
| 4 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 4 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | - | 9+ | 9 | 7* | 5 | 4 | 2* | 7 | 8 | 9 | 6* | 4 |
| 5 | - | - | - | 9+ | 9+ | - | - | 6 | - | 1 | 9+ | 9+ | - | 1 | 9 | 4 | 9 | 9+ | 9 | 2* | 7 | 9+ | 9 | 9 | 1* | 9+ | 9 | 5* | 8 | 2* | 1* | 9 | 8 | 8 | 3* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 2 | - | - | 9 | 9+ | - | - | 9 | 3 | 8 | 9+ | 9 | 1 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 4* | 8 | 3 | 1 | 8 | 8 | 8 | 3* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 7 | 9+ | - | - | 9 | 2 | 6 | 9+ | 9 | 1 | 5 | 9+ | 8 | 6 | 9+ | 9+ | 8 | 2* | 7 | 8 | - | 8 | 9 | 8 | 1* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 8 | 3 | 5 | 9+ | 8 | 1 | 5 | 9+ | 8 | 2* | 9+ | 9+ | 8 | 2* | 7 | 9 | - | 8 | 9+ | 8 | 1* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 4 | 2 | 9+ | 9 | 3 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 1 | 8 | 9 | - | 8 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 6 | 1 | 9+ | 9+ | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1 | 9 | 9 | 7 | 7 | 9+ | 8 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 7 | 9 | 9+ | 8 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 3 | - | 6 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 8 | 2 | 9+ | 9 | - | 12 |
| 13 | - | - | - | 3 | 9+ | - | - | 3 | 4 | - | 9 | 9+ | 4 | - | 9 | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 9 | 5 | 9+ | 9 | - | 13 |
| 14 | 1 | 2 | - | 8 | 9+ | 1 | - | 6 | 6 | - | 9+ | 9+ | 6 | - | 9 | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9 | 9 | 8 | 7 | 9+ | 8 | 2* | 14 |
| 15 | 5 | 5 | - | 9+ | 9+ | 4 | - | 8 | 9 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 6* | 9 | 8 | 9 | 9 | 9 | 6 | 5* | 15 |
| 16 | 8 | 7 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 6 | 9+ | 5 | 9 | 9 | 7 | 5 | 5* | 16 |
| 17 | 9 | 7 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 5* | 9 | 1 | 9 | 8 | 5 | 3* | 4* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 5 | 9 | - | 9 | 9 | 5 | 6* | 2* | 18 |
| 19 | 8 | 7 | - | 9+ | 9+ | 8 | - | 9 | 8 | 2 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 7 | 9 | 9+ | 9 | 8 | 7 | 9 | - | 8 | 7 | 5 | 4* | - | 19 |
| 20 | 9 | 7 | 8 | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 7 | 9 | 9+ | 9 | 7 | 8 | 6 | - | 6 | 5 | 5 | 2* | 1 | 20 |
| 21 | 9 | 7 | 8 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 5* | 9 | 7 | 7 | 4* | 8 | 4 | 1* | 5 | 4 | 5 | 1* | - | 21 |
| 22 | 9 | 9 | 5 | 9+ | 9+ | 7 | 1 | 9 | 9 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 5* | 9 | 6 | 8 | 6* | 8 | 1 | 1* | 4 | 2 | 5 | 1* | - | 22 |
| 23 | 9 | 8 | 6 | 9+ | 9+ | 4 | 4 | 9 | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 5* | 9 | 5 | 7 | 4 | 6 | - | - | 3 | 5 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jun., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 6 | 9+ | 9+ | - | 2 | 9 | 8 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 5 | 8 | 8 | 8 | 4 | 6 | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | - | 5 | 9+ | 9+ | - | 2 | 9 | 4 | 8 | 9+ | 9+ | 1 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 7 | 7 | 7 | 7 | 9 | 8 | 4 | - | - | - | - | 5 | - | - | 1 |
| 2 | 8 | - | 2 | 9+ | 9+ | - | 2 | 9 | 1 | 8 | 9+ | 9+ | - | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 7 | 9 | 6 | 8 | 9 | 8 | 5 | - | - | - | - | 5 | 1 | - | 2 |
| 3 | 6 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 4 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 9 | 9 | 9 | 7 | 9 | 9+ | 8 | 6* | - | 1 | 1* | - | 5 | 3 | - | 3 |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 2 | 9+ | 9+ | - | 2 | 9 | 5 | 8 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 7* | 2 | 2 | - | 2 | 6 | 8 | 3* | 4 |
| 5 | - | - | - | 6 | 9+ | - | - | 5 | - | - | 9+ | 9+ | - | - | 9 | 4 | 8 | 9+ | 9 | 1 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 5* | 4 | 1* | 1 | 7 | 5 | 8 | 4* | 5 |
| 6 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 9 | 9+ | - | - | 9 | 3 | 7 | 9+ | 9 | 1 | 4 | 9+ | 8 | 7 | 9+ | 9+ | 9 | 4* | 4 | 3 | 1 | 9 | 6 | 8 | 2* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 7 | 9+ | - | - | 9 | 4 | 6 | 9+ | 9 | 1 | 5 | 9+ | 8 | 6 | 9+ | 9+ | 8 | 3* | 3 | 5 | - | 9 | 7 | 7 | 1* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 8 | 3 | 4 | 9+ | 8 | 1 | 5 | 9+ | 8 | - | 9+ | 9+ | 8 | 2* | 5 | 6 | - | 9 | 9 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 4 | 2 | 9+ | 8 | 2 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 1* | 7 | 9 | - | 9 | 9 | 9 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 6 | 1 | 9+ | 9 | 5 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 1 | 8 | 9 | 6 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 7 | 1 | 9+ | 9 | 7 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 2* | 9 | 9 | 8 | 9 | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | - | 1 | - | 7 | 9+ | - | - | 9 | 8 | 1* | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4 | 8 | 9 | 8 | 9 | 9+ | 9 | - | 12 |
| 13 | - | - | - | 2 | 9+ | - | - | 2 | 2 | - | 9 | 9+ | 4 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 3 | 8 | 9 | 8 | 9 | 9+ | 8 | - | 13 |
| 14 | - | 2 | - | 8 | 9+ | - | - | 5 | 5 | - | 9+ | 9+ | 6 | - | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 5* | 8 | 7 | 8 | 9 | 9+ | 4 | 1* | 14 |
| 15 | 3 | 4 | - | 9 | 9+ | 4 | - | 8 | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 6* | 9 | 4 | 9 | 5 | 9 | 1 | 2* | 15 |
| 16 | 7 | 6 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 6* | 9 | 1 | 9 | 9 | 5 | - | 3* | 16 |
| 17 | 8 | 6 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 5* | 9 | - | 9 | 9 | 5 | - | - | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 5 | 9 | 9+ | 9+ | 8 | 4 | 8 | - | 8 | 6 | 5 | 6* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | 3 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 9+ | 1 | 9 | 9+ | 9+ | 8 | 5 | 7 | - | 5 | 6 | 5 | 2* | - | 19 |
| 20 | 9 | 7 | 8 | 9+ | 9+ | 8 | - | 8 | 9 | 6 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 3* | 9 | 9+ | 9 | 6 | 6 | 5 | - | 3 | 4 | 5 | - | - | 20 |
| 21 | 8 | 7 | 8 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 2 | 9 | 9+ | 7 | 4 | 7 | 3 | - | 2 | 1 | 5 | - | - | 21 |
| 22 | 9 | 9 | 6 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 5 | 9 | 9 | 8 | 6* | 7 | 1 | - | 1 | - | 5 | 1* | - | 22 |
| 23 | 9 | 8 | 6 | 9+ | 9+ | 5 | 1 | 9 | 8 | 8 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 5 | 9 | 8 | 8 | 5 | 8 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Aug., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 6 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 6 | 2* | 8 | 5 | 6 | 1* | 2 | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 6 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 4 | 3 | 5 | 3 | 6 | 4 | 1 | - | - | - | - | 5 | - | - | 1 |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9 | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 9 | 3 | 7 | 4 | 2* | 8 | 8 | 1 | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 7 | 9 | 5* | 2 | 9+ | 8 | 6* | - | 1 | - | - | 5 | 2 | - | 3 |
| 4 | 5 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 6 | - | 9+ | 9 | 7* | - | 2 | - | - | 6 | 6 | 1* | 4 |
| 5 | - | - | - | 7 | 9+ | - | - | 6 | - | 1 | 9+ | 9+ | - | 1 | 9+ | 4 | 8 | 9+ | 9 | 2 | 6 | 9+ | 9 | 7 | 9 | 9+ | 8 | 5* | 4 | 1 | - | 7 | 5 | 5 | 2* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 3 | - | - | 9 | 9+ | - | - | 9 | 3 | 8 | 9+ | 9 | 1 | 6 | 9+ | 9 | 5 | 9 | 9+ | 8 | 4* | 5 | 4 | - | 2 | 6 | 7 | 1* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 7 | 9+ | - | - | 9 | 2 | 5 | 9+ | 9 | 1 | 5 | 9+ | 9 | 3 | 7 | 9+ | 8 | 2* | 5 | 5 | - | 7 | 8 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 3 | 4 | 9+ | 8 | 2 | 4 | 9+ | 9 | - | 5 | 9+ | 8 | 1* | 5 | 9 | - | 6 | 9 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 5 | 2 | 9+ | 9 | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 7 | 9 | - | 7 | 9 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 7 | 1 | 9+ | 9 | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1 | 8 | 9 | 6 | 6 | 9+ | 8 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | 1 | - | 4 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9 | 7 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 1 | 9 | 9 | 7 | 8 | 9+ | 8 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 3 | - | 8 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4 | 8 | 9+ | 8 | 9 | 9 | 9 | - | 12 |
| 13 | - | 1 | - | 5 | 9+ | - | - | 5 | 4 | - | 9 | 9+ | 4 | 1 | 9 | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4 | 8 | 9 | 8 | 2 | 9+ | 8 | - | 13 |
| 14 | 2 | 2 | - | 9 | 9+ | 1 | - | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 6 | 8 | 8 | 8 | 2 | 9 | 5 | - | 14 |
| 15 | 6 | 5 | - | 9+ | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5* | 8 | 6 | 8 | 4 | 8 | 1 | 4* | 15 |
| 16 | 8 | 6 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 5* | 8 | 5 | 9 | 4 | 5 | - | 2* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9 | 9+ | 9 | 6 | 5* | 8 | - | 9 | 9 | 5 | - | 1* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 4 | 9 | 9 | 8 | 5* | 5 | 6 | - | 9 | 5 | 5 | 4* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 3 | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 1 | 9 | 9 | 6 | 4* | 6 | 2 | - | 5 | - | 5 | 2* | - | 19 |
| 20 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9+ | 9 | 9 | 1 | 9 | 8 | 6 | 4* | 5 | - | - | - | - | 5 | - | - | 20 |
| 21 | 9+ | 7 | 3 | 9+ | 9+ | 8 | 1 | 9 | 9 | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | 4 | 8 | 7 | 6 | 2 | 5 | - | - | - | - | 5 | - | - | 21 |
| 22 | 9+ | 9 | 5 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 8 | 2* | 9 | 6 | 6 | 2* | 2 | - | - | 1 | - | 5 | - | - | 22 |
| 23 | 9 | 8 | 6 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 6 | 3* | 8 | 7 | 6 | 2* | 5 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Sep., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 4 | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 8 | 9 | 9+ | 9 | 7 | 9 | 1 | 2* | 9 | 9 | 6 | 2* | - | - | - | 3 | 1 | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 9 | - | 2 | 7 | 5 | 6 | 3 | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 2 | 7 | 9+ | 9 | - | 8 | 9+ | 9+ | 9 | 4 | 9+ | 8 | 9 | - | 9 | 5* | 4* | 9 | 8 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | 6 | 9+ | 4* | 5 | 9+ | 8 | 6* | - | 8 | 5* | - | 8 | 6 | 3* | 3 |
| 4 | 5 | - | - | 9 | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 8 | - | 9+ | 8 | 6* | 1 | 9 | 5* | 5 | 9 | 8 | 5* | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 3 | 9+ | 4 | 8 | 9+ | 9 | 3* | 7 | - | 9 | 8 | 9+ | 9+ | 8 | 5* | 7 | 9 | 5* | 9 | 9 | 8 | 4* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 3 | - | - | 9 | 9+ | - | 1 | 9 | 2 | 7 | 9+ | 9 | 2 | 5 | 4 | 9 | 7 | 9+ | 9+ | 8 | 4* | 8 | 9 | 2* | 8 | 9 | 8 | 2* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 3 | 5 | 9+ | 8 | 1 | 5 | 6 | 9 | 2* | 9+ | 9+ | 8 | 3* | 8 | 9 | - | 8 | 9+ | 8 | 1* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 3 | 3 | 9+ | 9 | 3 | 5 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 9 | 9 | - | 5 | 9+ | 8 | 1* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 6 | 2 | 9+ | 9+ | 4 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 2* | 9 | 9 | 2 | 6 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 1 | 9+ | - | - | 8 | 8 | 1 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 1* | 9 | 9+ | 8 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | 1 | - | 4 | 9+ | 1 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 7 | 9 | 9+ | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 2 | 5 | - | 8 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 8 | 2 | 9+ | 9 | - | 12 |
| 13 | - | 1 | - | 6 | 9+ | - | - | 6 | 5 | - | 9 | 9+ | 5 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 2 | 9+ | 9 | - | 13 |
| 14 | 4 | 2 | - | 9 | 9+ | 1 | - | 8 | 8 | - | 9+ | 9+ | 7 | 3 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 5 | 9+ | 8 | 2* | 14 |
| 15 | 7 | 8 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 7 | 9 | 9 | 6 | 8 | 7 | 6* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9 | 8 | 8 | 9 | 7 | 9 | 7 | 5 | 1 | 5* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9+ | 6 | 6* | 8 | 8 | 4 | 9 | 8 | 5 | 4* | 3* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 8 | 9 | 8 | 6 | 5* | 8 | 6 | 1 | 9 | 9 | 5 | 6* | 2* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 3 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 8 | 9 | 9 | 6 | 5* | 6 | 1 | - | 8 | 9 | 5 | 4* | 1* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 8 | 6 | 9 | 9 | 6 | 4* | 3* | - | - | 8 | 8 | 5 | 2* | - | 20 |
| 21 | 9+ | 7 | 2 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 7 | 5 | 9 | 8 | 6 | 2* | 2* | - | 2* | 8 | 6 | 5 | 2* | - | 21 |
| 22 | 9+ | 9 | 5 | 9+ | 9+ | 6 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 6 | 4* | 9 | 8 | 6 | 5 | 1* | - | 1* | 7 | 3 | 5 | 1* | - | 22 |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 2 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 8 | 9 | 9+ | 9 | 9 | 9 | 5 | 2* | 9 | 7 | 6 | 2* | 1* | - | 1* | 5 | 5 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Oct., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|--|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9+ | 4 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 8 | 9 | 9 | 9 | 8 | 9 | 1 | 2* | 9 | 4 | 6 | 3* | 1* | - | 1* | 7 | 8 | 5 | - | - | 0 | | | | |
| 1 | 9 | 1 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 9 | - | 3 | 9 | 8 | 6 | 5 | - | - | - | 1 | - | 5 | - | - | 1 | | | | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 6 | 9+ | 4 | 8 | 9+ | 9+ | - | 8 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 8 | - | 9 | 5* | 4 | 9 | 8 | 4* | - | - | 1* | - | 5 | - | - | 2 | | | | |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 2 | 9 | - | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9 | 9+ | 6 | 9 | 7 | 9+ | 4* | 9 | 9+ | 9 | 8 | - | 9 | 5* | 5* | 8 | 7 | 4* | 3 | | | | |
| 4 | 7 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | - | 9+ | 8 | 5 | 4 | 9 | 6* | 9 | 9+ | 8 | 5* | 4 | | | | |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 5 | 9+ | 6 | 9 | 9+ | 9 | 4 | 8 | 6 | 9 | 9 | 9+ | 9+ | 8 | 3* | 9 | 9 | 8 | - | 9+ | 7 | 5* | 5 | | | | |
| 6 | - | - | - | 4 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 5 | 8 | 9+ | 9 | 3 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 3* | 9+ | 9 | 7 | 2 | 9+ | 8 | 5* | 6 | | | | |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 7 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 4 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 2* | 9+ | 9 | 2* | 9 | 9+ | 8 | 4* | 7 | | | | |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 5 | 4 | 9+ | 9+ | 3 | 2 | 9 | 9 | 7 | 9+ | 9+ | 9 | 2* | 9+ | 9 | 1* | 9 | 9+ | 8 | 2* | 8 | | | | |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 6 | 2 | 9+ | 9+ | 5 | 4 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2* | 9+ | 9+ | 6 | 9 | 9+ | 9 | 1* | 9 | | | | |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 7 | 4 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 8 | 1* | 9+ | 9 | - | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 5 | 9+ | - | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 5 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 11 | | | | |
| 12 | - | - | - | 2 | 9+ | - | - | 5 | 4 | - | 8 | 9+ | 2 | 1 | 9+ | 9 | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 2 | 12 | | | | |
| 13 | 2 | 4 | - | 8 | 9+ | - | - | 8 | 8 | - | 9 | 9+ | 5 | 2 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 5 | 13 | | | | |
| 14 | 6 | 7 | - | 9 | 9+ | 5 | - | 9 | 7 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 7 | 14 | | | | |
| 15 | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 8 | 9 | 8 | 9 | 8 | 7 | 7* | 15 | | | | |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9 | 9 | 8 | 5* | 9 | 8 | 9 | 5 | 2 | 6* | 16 | | | | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 8 | 9+ | 8 | 9+ | 6 | 7 | 8 | 7 | 7 | 9 | 8 | 5 | 6* | 4* | 17 | | | | |
| 18 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 9 | 6 | 4* | 6 | 3* | 5 | 9 | 8 | 5 | 7* | 4* | 18 | | | | |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 8 | 9 | 9 | 9+ | 6 | 4* | 3* | - | 3 | 9 | 8 | 5 | 5* | 4* | 19 | | | | |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 8 | 4 | 9 | 9 | 9 | 6 | 4* | 2* | - | 1 | 9 | 8 | 5 | 5* | 3* | 20 | | | | |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 7 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 8 | 2 | 6 | 9 | 9 | 6 | 4 | 2 | - | 5* | 9 | 9 | 5 | 3* | 2* | 21 | | | | |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 2 | 4* | 9 | 7 | 6 | 8 | 3* | - | 4* | 9 | 9 | 5 | 2* | 1* | 22 | | | | |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 3 | 2* | 9 | 6 | 6 | 7 | 3* | - | 3* | 8 | 9 | 5 | 1* | 1* | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Nov., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 8 | 9 | 8 | 9 | 6 | 8 | - | 2* | 9 | 9 | 6 | 2* | - | - | - | 5 | 2 | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 9 | 9 | 9 | 9 | 7 | 8 | - | 1* | 7 | 2 | 6 | 1* | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9 | 5 | 8 | 9+ | 9+ | - | 9 | 8 | 9+ | 8 | 8 | 9+ | 8 | 8 | - | 8 | 4* | 1* | 6 | 5 | 1* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 4 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 8 | 1* | 9+ | 7 | 9 | - | 9+ | 5* | 1* | 9+ | 9 | 5* | - | 8 | 5* | 2* | 5 | 6 | - | 3 |
| 4 | 8 | - | - | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9+ | - | 8 | 8 | 8 | 9 | 9+ | 9+ | 7 | 8 | 9 | 9+ | 5* | - | 9+ | 8 | 4* | - | 9+ | 5* | 2 | 9+ | 8 | 5* | 4 |
| 5 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 7 | 9 | 9+ | 9+ | 5 | 7 | 1 | 9 | 9 | 9+ | 9+ | 8 | 2* | 7 | 9 | 7 | - | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 6 | 9+ | - | - | 6 | - | 1 | 9 | 9+ | - | 4 | 9+ | 5 | 8 | 9+ | 9 | 4 | 5 | 9 | 9 | 8 | 9+ | 9+ | 7 | 2* | 9+ | 9 | 5 | - | 9+ | 8 | 4* | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | 1 | 9 | 5 | 5 | 9+ | 9 | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 2* | 9 | 9 | 1* | - | 9+ | 8 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 6 | 2 | 9+ | 9 | 4 | 3 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 2* | 9+ | 9 | - | 9 | 9+ | 8 | 1* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 7 | 4 | 9+ | 9 | 5 | 4 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2* | 9+ | 9 | 7 | 9 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 4 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 7 | 5 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 7 | 1* | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 3 | 3 | - | 6 | 9+ | - | 1 | 9 | 9 | 2 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 1* | 9+ | 9 | - | 11 |
| 12 | 1 | - | - | 3 | 9+ | - | - | 7 | 7 | - | 9 | 9+ | 5 | 3 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 1 | 9+ | 9 | 2 | 12 |
| 13 | 5 | 5 | - | 8 | 9+ | 3 | - | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 8 | 2 | 9 | 9 | 6 | 13 |
| 14 | 8 | 8 | - | 9+ | 9+ | 6 | - | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 3* | 9+ | 9+ | 9+ | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 5* | 8 | 8 | 5 | 8 | 7 | 6 | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 5 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 8 | 5* | 9 | 8 | 5 | 5 | 5 | 7* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 8 | 5* | 9 | 8 | 9+ | 9 | 9 | 6* | 5* | 8 | 8 | 8 | 5 | 1 | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 9 | 9+ | 8 | 9 | 6 | 9 | 5* | 2* | 6 | 9 | 7 | 5 | 5* | 4* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9 | 9+ | 8 | 9+ | 9 | 9+ | 8 | 7 | 9+ | 9 | 9 | 6 | 7 | 4* | - | 3 | 9 | 9 | 5 | 5* | 3* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 9+ | 8 | 9+ | 7 | 4 | 9 | 9 | 9 | 6 | 5 | 2* | - | 2 | 9 | 9 | 5 | 5* | 2* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 9 | 9 | 8 | 9 | 8 | - | 8 | 9 | 9 | 6 | 4* | 2* | - | 1 | 9 | 9 | 5 | 4* | 1* | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 9 | 9 | 9 | 8 | - | 7 | 9 | 7 | 6 | 5 | 2* | - | 5* | 9 | 8 | 5 | 2* | 1* | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9 | 9 | 9+ | 9 | 8 | - | 3* | 9 | 5 | 6 | 7 | 3* | - | 2* | 8 | 7 | 5 | 1 | - | 22 |
| 23 | 9+ | 8 | 5 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9 | 9 | 9 | 9 | 9 | - | 2* | 9 | 9 | 6 | 6 | 1* | - | 1* | 8 | 7 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Dec., Saudi Arabia (Riyadh), for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 5 | 9 | 9 | 7 | 6 | 8 | - | 1* | 9 | 7 | 6 | 2* | - | - | 1* | 5 | - | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9 | 6 | 9 | 9 | 6 | 5 | 7 | - | 1* | 7 | - | 6 | 1* | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 6 | 9+ | 9+ | - | 7 | 9+ | 6 | 8 | 9+ | 9+ | - | 8 | 3 | 9+ | 8 | 5 | 7 | 7 | 5 | - | 4 | 1* | - | 6 | 1 | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9 | 1 | 8 | 9+ | 9+ | - | 8 | 5 | 9 | 5 | 5 | 9+ | 8 | 7 | - | 9+ | 5* | 2* | 8 | 9 | 3* | - | 6 | 3* | 1* | 5 | 1 | - | 3 |
| 4 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 8 | - | 9+ | 6* | 9 | 9+ | 9 | 4* | - | 9 | 5* | - | 8 | 8 | 2* | 4 |
| 5 | 6 | - | - | 9 | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 9 | 4 | 9+ | 8 | 3* | - | 9 | 5 | 9 | 9+ | 8 | 5* | 5 |
| 6 | 2 | - | - | 7 | 9+ | - | - | 8 | - | 2 | 9 | 9+ | - | 5 | 9+ | 7 | 8 | 9+ | 9 | 6 | 3 | 1 | 9 | 7 | 9+ | 9+ | 8 | 2* | 7 | 9 | 2 | - | 9+ | 8 | 3* | 6 |
| 7 | - | - | - | 2 | 9+ | - | - | 5 | - | - | 8 | 9+ | - | 2 | 9+ | 7 | 6 | 9+ | 9 | 3 | 4 | 9+ | 9 | 3* | 9+ | 9+ | 8 | 2* | 9+ | 9 | - | 9 | 9+ | 8 | 1* | 7 |
| 8 | - | - | - | - | 9+ | - | - | 2 | - | - | 6 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 4 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 2* | 8 | 9 | - | 8 | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 8 | 4 | 9+ | 9 | 5 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 9+ | 9 | 2 | 9 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 2 | 1 | - | 5 | 9+ | - | 1 | 9 | 8 | 4 | 9+ | 9+ | 6 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | 9 | 9+ | 4 | 9 | 9 | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 5 | 4 | - | 7 | 9+ | 4 | 2 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | 9 | 9+ | 4 | - | 9+ | 9 | - | 11 |
| 12 | 2 | 1 | - | 5 | 9+ | 1 | - | 8 | 7 | - | 9 | 9+ | 6 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 8 | 8 | 9+ | 8 | - | 9 | 8 | - | 12 |
| 13 | 7 | 6 | - | 9 | 9+ | 4 | 1 | 9 | 8 | - | 9+ | 9+ | 6 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 4* | 9 | 8 | - | 5 | 6 | 1 | 13 |
| 14 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 8 | - | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 3* | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 5* | 5 | 7 | - | 5 | 5 | 3* | 14 |
| 15 | 9 | 6 | - | 9+ | 9+ | 8 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 7 | 9+ | 9 | 9 | 8 | 5* | 5 | 8 | 7 | 5 | 4 | 6* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 5* | 9+ | 8 | 9 | 8 | 9 | 6* | 2* | 3 | 9 | 9 | 5 | 3 | 4* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 9 | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 4* | 9 | 8 | 9 | 6 | 9 | 4* | - | 2 | 9 | 9 | 5 | 2* | 2* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | - | 9+ | 9+ | 8 | 6 | 8 | 9+ | 8 | 9+ | 9+ | 9+ | 7 | 4 | 8 | 9 | 8 | 6 | 9 | 3* | - | - | 9 | 9 | 5 | 5* | 1* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 2 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 9 | 9+ | 9 | 9+ | 7 | - | 7 | 9 | 9 | 6 | 7 | 3* | - | - | 9 | 8 | 5 | 5* | 1* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 9 | 9 | 9 | 9 | 7 | - | 5 | 9 | 9 | 6 | 6 | 1* | - | - | 9 | 8 | 5 | 4* | - | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 9 | 9+ | 9 | 9 | 9 | 9 | 6 | - | 4 | 9 | 9 | 6 | 6 | 2* | - | 1* | 9 | 6 | 5 | 2* | - | 21 |
| 22 | 9+ | 8 | 2 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | - | 2* | 9 | 7 | 6 | 6 | 1* | - | 2* | 8 | 1 | 5 | 1* | - | 22 |
| 23 | 9+ | 7 | 7 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 8 | - | 2* | 9 | 9 | 6 | 5 | - | - | 2* | 7 | 2 | 5 | 1* | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jan., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 5 | 9 | 9 | 7 | 1 | 6 | - | - | 4 | - | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9+ | 4 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9 | 4 | 8 | 6 | 6 | 1 | 6 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 6 | 9+ | 9+ | - | 8 | 9+ | 6 | 8 | 9+ | 9+ | - | 8 | 5 | 7 | 5 | 1* | 6 | 7 | 4 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 1 | 9 | 1 | 7 | 9+ | 7 | 5 | - | 8 | 5* | 1* | 6 | 7 | 1* | - | 1 | - | - | 5 | - | - | 3 |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 8 | - | 8 | 9+ | 9 | 5 | - | 9+ | 7 | 8 | - | 9+ | 7* | 3 | 9+ | 8 | 5* | - | 1 | - | - | 5 | 2 | - | 4 |
| 5 | 6 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 6 | 8 | 9 | 9+ | 9+ | 6 | 5 | 7 | 9 | 7 | - | 9+ | 8 | 4* | - | 7 | - | 3 | 8 | 7 | - | 5 |
| 6 | 1 | - | - | 7 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 3 | 9+ | 7 | 8 | 9+ | 9 | 5 | 1* | - | 9 | 4 | 9+ | 9+ | 8 | 2* | 1 | 9 | - | 8 | 9 | 8 | - | 6 |
| 7 | - | - | - | 2 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 1 | 9 | 6 | 5 | 9+ | 9 | 2* | 2 | 6 | 9 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 7 | 9 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | 1 | 9 | 7 | 5 | 9+ | 9 | 3 | 2 | 9+ | 9 | - | 9+ | 9+ | 8 | - | 9+ | 9 | - | 5 | 9 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 5 | 1 | 9+ | 9 | 5 | 9+ | 9+ | 9 | - | 9 | 9 | - | 7 | 9 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 8 | 4 | 9+ | 9+ | 6 | 3 | 9 | 9+ | 6 | 9+ | 9+ | 9 | - | 8 | 9+ | 1 | 9 | 9 | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 4 | 3 | - | 7 | 9+ | 1 | 1 | 9 | 9 | 4 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | - | 6 | 9+ | 3 | 9 | 9 | 5 | - | 11 |
| 12 | 1 | 1 | - | 4 | 9+ | - | - | 7 | 7 | - | 9 | 9+ | 2 | 3 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4 | 3 | 9 | 7 | 9 | 7 | 5 | - | 12 |
| 13 | 5 | 5 | - | 8 | 9+ | 3 | 1 | 9 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 1* | 2 | 6 | - | 5 | 2 | - | 13 |
| 14 | 8 | 8 | - | 9+ | 9+ | 6 | 2 | 9 | 8 | - | 9+ | 9+ | 8 | 8 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9 | 9 | 9 | 2* | 2 | 7 | - | 5 | - | - | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 6 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 7 | 9 | 8 | 9 | 7 | 2* | 1 | 8 | - | 5 | - | 2* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 6 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 5* | 9 | 8 | 8 | 6 | 8 | 6* | - | - | 8 | 9 | 5 | - | 4* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 9 | 9+ | 6 | 9+ | 9 | 9+ | 8 | 4* | 7 | 8 | 8 | 6 | 6 | 5* | - | - | 8 | 9 | 5 | - | 3* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 8 | 8 | 9 | 6 | 1* | 3 | 9 | 6 | 6 | 5* | 2* | - | - | 8 | 8 | 5 | 2* | 1* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 9 | 4 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 8 | 9 | 9 | 9 | 8 | 6 | 9 | 5 | - | 1 | 9 | 8 | 6 | 4* | 3* | - | - | 7 | 5 | 5 | 1* | - | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9 | 8 | 9 | 9 | 6 | 9 | 6 | - | - | 9 | 9 | 6 | 2* | 1* | - | - | 5 | 3 | 5 | - | - | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 7 | 9 | 9 | 9 | 9 | 6 | - | 2* | 9 | 9 | 6 | 1 | - | - | - | 2 | - | 5 | - | - | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 4 | 9 | 8 | 9 | 8 | 7 | - | 1* | 8 | 7 | 6 | 4 | - | - | - | 1 | - | 5 | - | - | 22 |
| 23 | 9+ | 9 | 6 | 9+ | 9+ | 4 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9 | 4 | 9 | 9 | 9 | 8 | 8 | - | 1* | 8 | 5 | 6 | - | - | - | - | - | 5 | - | - | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Feb., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 6 | 9 | 9 | 8 | 3 | 8 | - | 1* | 8 | 8 | 6 | 1* | - | - | - | 1 | - | 5 | - | - | 0 |
| 1 | 9+ | 3 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 1 | 8 | 9 | 6 | 9 | 9 | 8 | 2 | 7 | - | - | 6 | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 6 | 8 | 9+ | 9+ | - | 8 | 7 | 9 | 8 | 4 | 9 | 8 | 6 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 6 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 7 | 9 | 4 | - | 9+ | 7 | 8 | - | 9 | 5* | 4* | 6 | 8 | 2* | - | 1 | 1* | - | 5 | - | - | 3 |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 9 | 7 | 9 | 9+ | 7 | 8 | - | 9+ | 4* | 8 | 9+ | 9 | 5* | - | 6 | 4* | - | 5 | 5 | 2* | 4 |
| 5 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 5 | 9+ | 6 | 8 | 9+ | 9+ | 5 | 7 | 9+ | 9 | 8 | - | 9+ | 8 | 4* | - | 9 | 2* | 8 | 9 | 8 | 2* | 5 |
| 6 | - | - | - | 6 | 9+ | - | - | 6 | - | 1 | 9 | 9+ | - | 2 | 9+ | 6 | 8 | 9+ | 9 | 5 | 3 | - | 9 | 6 | 9+ | 9+ | 8 | 4* | 6 | 9 | 1* | 9 | 9+ | 8 | 1* | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | 1 | 9 | 5 | 5 | 9+ | 9 | 4 | 2 | 9 | 9 | 2* | 9+ | 9+ | 8 | 3* | 9 | 9 | - | 8 | 9+ | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9 | 4 | 2 | 9+ | 9 | - | 9+ | 9+ | 8 | 1* | 9 | 9 | - | 7 | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 5 | 1 | 9 | 9 | 5 | 9+ | 9+ | 8 | - | 9 | 9 | - | 8 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 8 | 3 | 9+ | 9 | 6 | 2 | 9 | 9 | 6 | 9+ | 9+ | 9 | - | 9 | 9+ | 5 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 2 | 2 | - | 6 | 9+ | 2 | - | 9 | 9 | 3 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 8 | 9+ | 6 | 9 | 9+ | 9 | - | 11 |
| 12 | - | - | - | 2 | 9+ | - | - | 5 | 6 | - | 8 | 9+ | 2 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2 | 7 | 9+ | 5 | - | 9+ | 8 | - | 12 |
| 13 | 3 | 3 | - | 8 | 9+ | - | - | 8 | 8 | - | 9 | 9+ | 6 | 4 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 5 | 9+ | 7 | - | 9 | 8 | - | 13 |
| 14 | 7 | 7 | - | 9 | 9+ | 5 | - | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 1* | 6 | 8 | - | 8 | 3 | - | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 2* | 7 | 9 | - | 5 | 1 | 3* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 8 | 7 | 9 | 8 | 8 | 6 | 8 | 7 | 2* | 6 | 9 | 1 | 5 | - | 5* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 5* | 9 | 9 | 8 | 6 | 6 | 5* | - | 4 | 9 | 1 | 5 | 1* | 5* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9+ | 9 | 9 | 8 | 4 | 8 | 9 | 9 | 6 | 4* | 4* | - | 1 | 9 | 9 | 5 | 4* | 2* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9 | 8 | 8 | 9 | 6 | 1 | 6 | 9 | 6 | 6 | 4* | 5* | - | - | 8 | 9 | 5 | 3* | 2* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 7 | 9 | 9 | 9 | 8 | 8 | 9 | 5 | - | 4 | 9 | 4 | 6 | 4* | 2* | - | - | 8 | 9 | 5 | 2* | 1* | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 8 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 8 | 9 | 8 | 9 | 9+ | 9 | 9 | 6 | - | 4* | 9 | 9 | 6 | 2* | 2* | - | - | 7 | 7 | 5 | 1* | - | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 5 | 9 | 9 | 9 | 8 | 7 | - | 4* | 9 | 8 | 6 | 3 | 1* | - | 2* | 6 | 4 | 5 | - | - | 22 |
| 23 | 9 | 9 | 6 | 9+ | 9+ | 4 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 7 | 9 | 9 | 9 | 8 | 8 | - | 2* | 9 | 9 | 6 | 1* | 1* | - | - | 3 | 2 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Mar., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 9 | 9+ | 5 | 9 | 9 | 8 | 7 | 9 | - | 2* | 9 | 9 | 6 | 2* | - | - | - | 5 | 4 | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 9 | 9+ | 7 | 9 | 9 | 9 | 7 | 8 | - | 1* | 8 | 6 | 6 | 1* | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 6 | 9+ | 9+ | - | 6 | 9+ | 5 | 8 | 9+ | 9+ | - | 8 | 9 | 9+ | 8 | 9 | 9+ | 8 | 7 | - | 5 | 1* | 1* | 6 | 2 | 1* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9 | 1 | 8 | 9+ | 9 | - | 8 | 9+ | 9 | 7 | - | 9+ | 6 | 9 | - | 9+ | 4* | 2* | 9+ | 9 | 5* | - | 5 | 2* | - | 5 | 2 | - | 3 |
| 4 | 7 | - | - | 9+ | 9+ | - | 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 6 | 8 | 9 | 9+ | 9+ | 8 | 8 | 8 | 9+ | 4* | - | 9+ | 8 | 5* | - | 9 | 5* | - | 9 | 7 | 5* | 4 |
| 5 | 3 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 5 | 9 | 9+ | 9 | 4 | 7 | 9+ | 9 | 8 | - | 9+ | 8 | 4* | 2 | 9 | 5* | 9 | 9+ | 8 | 5* | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 2 | 8 | 9+ | 9 | 3 | 4 | 3 | 9 | 8 | 9+ | 9+ | 8 | 4* | 8 | 9 | 3* | 9 | 9+ | 8 | 4* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 7 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 2 | 1 | 7 | 9 | 2* | 9+ | 9+ | 7 | 3* | 9 | 9 | - | 8 | 9+ | 8 | 2* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 5 | 2 | 9+ | 9 | 3 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 2* | 9 | 9 | - | 7 | 9+ | 8 | 1* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 8 | 6 | 3 | 9+ | 9+ | 4 | 1 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2* | 9 | 9 | - | 9 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9+ | 6 | 4 | 9 | 9 | 5 | 9+ | 9+ | 9 | 1* | 9 | 9+ | 8 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 5 | 9+ | 1 | - | 9 | 8 | 2 | 9+ | 9+ | 6 | 5 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 1 | 9 | 9+ | 8 | 1* | 9+ | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 3 | 5 | - | 8 | 9+ | 4 | - | 9 | 9 | 2 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 6 | 9+ | 9+ | 9+ | 4 | 8 | 9+ | 8 | 9+ | 9+ | 9 | - | 12 |
| 13 | 1 | 2 | - | 6 | 9+ | 1 | - | 6 | 8 | - | 9 | 9+ | 6 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9+ | 9+ | 7 | 8 | 9+ | 8 | 4 | 9+ | 9 | - | 13 |
| 14 | 5 | 6 | - | 9 | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 7 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 8 | 9 | 8 | 5 | 9 | 6 | 1* | 14 |
| 15 | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 6 | 9 | 9 | 6 | 7 | 6 | 5* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 6 | 2 | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9 | 9 | 7 | 9+ | 9 | 8 | 8 | 1* | 8 | 8 | 9 | 5 | - | 6* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 7 | 9+ | 8 | 9 | 6 | 6* | 7 | 1* | 6 | 9 | 8 | 5 | 2* | 5* | 17 |
| 18 | 9+ | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9 | 9 | 9 | 9+ | 6 | 5* | 5 | 1* | 5 | 9 | 9 | 5 | 6* | 4* | 18 |
| 19 | 9+ | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9+ | 9 | 9 | 8 | 6 | 9 | 9 | 9 | 6 | 5* | 4* | - | 2 | 9 | 9 | 5 | 4* | 3* | 19 |
| 20 | 9+ | 9 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 9 | 9 | 9+ | 9 | 8 | 1* | 9 | 9 | 7 | 6 | 5* | 4* | - | 1 | 9 | 9 | 5 | 4* | 2* | 20 |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 7 | - | 7 | 9 | 6 | 6 | 3* | 3* | - | 1* | 9 | 9 | 5 | 2* | 1* | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 8 | - | 4* | 9 | 5 | 6 | 4* | 3* | - | 4* | 8 | 8 | 5 | 1* | - | 22 |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 3 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 7 | 9 | 9 | 9 | 8 | 9 | 1 | 3* | 9 | 9 | 6 | 3* | 1* | - | 1* | 7 | 6 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Apr., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9 | 8 | 9 | 9+ | 9+ | 8 | 9 | 2 | 2* | 9 | 9 | 6 | 2* | - | - | - | 2 | 2 | 5 | - | - | 0 |
| 1 | 9+ | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 9 | - | 3 | 6 | 5 | 6 | 2 | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 4 | 9 | 2 | 8 | 9+ | 9 | - | 8 | 9+ | 9+ | 9 | 4 | 9+ | 8 | 9 | - | 9 | 4* | 4* | 8 | 8 | 4* | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 2 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9+ | - | 8 | 4 | 9 | 9 | 9+ | 9+ | 6 | 8 | 7 | 9+ | 5* | 3* | 9+ | 9 | 6* | - | 5 | 4* | - | 5 | 5 | 2* | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 8 | - | 9+ | 8 | 6* | - | 6 | 5* | 4 | 7 | 6 | 4* | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 3 | 9+ | 9+ | - | 4 | 9+ | 5 | 9 | 9+ | 9 | 3* | 7 | 9+ | 9 | 8 | 7 | 9+ | 8 | 5* | 4 | 4 | 3* | 9 | 8 | 7 | 1* | 5 |
| 6 | - | - | - | 4 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | 1 | 9 | 4 | 8 | 9+ | 9 | 2 | 5 | 9+ | 9 | 6 | 9 | 9+ | 8 | 4* | 6 | 8 | - | 8 | 8 | 8 | 1* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 7 | 9+ | - | - | 9 | 3 | 5 | 9+ | 9 | 2 | 5 | 9+ | 9 | 3* | 9+ | 9+ | 8 | 3* | 5 | 9 | - | 6 | 9+ | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 4 | 4 | 9+ | 9 | 3 | 4 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 8 | 9 | - | 2 | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 1* | 9 | 9 | - | 6 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 2 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | - | 9+ | 9+ | 7 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 9 | 1 | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1 | 9 | 9+ | 7 | 2* | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 2 | 2 | - | 7 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 4 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 12 |
| 13 | - | 1 | - | 5 | 9+ | - | - | 5 | 5 | - | 9 | 9+ | 4 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 5 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 13 |
| 14 | 3 | 2 | - | 9 | 9+ | 1 | - | 8 | 8 | - | 9+ | 9+ | 7 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9 | 6 | 9+ | 7 | 1* | 14 |
| 15 | 7 | 5 | - | 9+ | 9+ | 5 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9 | 8 | 9 | 5 | 5* | 15 |
| 16 | 8 | 9 | - | 9+ | 9+ | 6 | - | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 6* | 9 | 5 | 8 | 9 | 5 | - | 5* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 9+ | 7 | 5* | 6 | 9 | 1 | 9 | 8 | 5 | 5* | 4* | 17 |
| 18 | 9 | 9 | - | 9+ | 9+ | 8 | - | 9 | 9 | 1 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 6 | 9 | 8 | 6 | 5* | 6 | 5 | - | 9 | 9 | 5 | 6* | 3* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 3 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9 | 6 | 9 | 9 | 6 | 6* | 6 | 1 | - | 8 | 8 | 5 | 4* | 1* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | - | 9+ | 9 | 6 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 8 | 7 | 9 | 9 | 6 | 5* | 4* | - | - | 7 | 8 | 5 | 2* | 1* | 20 |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 2 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9 | 7 | 6 | 9 | 9 | 6 | 3* | 3* | - | - | 8 | 8 | 5 | 1* | - | 21 |
| 22 | 9+ | 8 | 5 | 9+ | 9+ | 6 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 7 | 5* | 9 | 9 | 6 | 5 | 3* | - | 2* | 7 | 6 | 5 | - | - | 22 |
| 23 | 9+ | 8 | 7 | 9+ | 9+ | 3 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 6 | 3* | 9 | 8 | 6 | 2* | 2* | - | 1* | 6 | 4 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

May, Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 5 | 6 | 9+ | 9+ | - | 5 | 9 | 7 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 4 | 2 | 7 | 8 | 6 | 1* | 1 | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 5 | 9 | 5 | 8 | 9+ | 9 | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 1 | 6 | 5 | 2 | 7 | 6 | 1 | - | - | - | - | 5 | - | - | 1 |
| 2 | 9 | - | 3 | 9+ | 9+ | - | 4 | 9 | 2 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 2 | 9 | 4* | 5 | 9 | 8 | 3* | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 1 | 9 | - | 6 | 9+ | 9+ | - | 7 | 6 | 9 | 9 | 9+ | 9+ | 7 | 9 | 9 | 9 | 6* | 8 | 9+ | 9 | 6 | - | 1 | 1* | - | 5 | 2 | - | 3 |
| 4 | 5 | - | - | 9+ | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 4 | 9+ | 7 | 9 | 9+ | 9+ | 8 | 8 | 9+ | 9 | 5* | - | 9+ | 9 | 7* | 1 | 1 | - | 2 | 6 | 7 | 5* | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 1 | 9+ | 9+ | - | 1 | 9+ | 7 | 8 | 9+ | 9 | 3* | 6 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 5* | 5 | 1* | - | 8 | 5 | 7 | 2* | 5 |
| 6 | - | - | - | 3 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | - | 9 | 4 | 7 | 9+ | 9 | 1 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 4* | 5 | 1* | - | 8 | 5 | 7 | 1* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 3 | 6 | 9+ | 9 | 1 | 5 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 2* | 5 | 6 | - | 9 | 7 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 2 | 5 | 9+ | 9 | - | 9+ | 9+ | 8 | 1* | 3 | 9 | - | 9 | 9 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 5 | 3 | 9+ | 9 | 3 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 6 | 9 | - | 8 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 5 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 1 | 8 | 9 | 4 | 7 | 9+ | 8 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 3 | 9 | 9+ | 6 | 8 | 9+ | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 4 | - | 7 | 9+ | 1 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 4 | 9 | 9+ | 8 | 9 | 9+ | 8 | - | 12 |
| 13 | - | - | - | 4 | 9+ | - | - | 4 | 4 | - | 9 | 9+ | 3 | - | 9 | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 4 | 9 | 9 | 8 | 4 | 9+ | 8 | - | 13 |
| 14 | 1 | 2 | - | 8 | 9+ | 1 | - | 7 | 6 | - | 9+ | 9+ | 7 | - | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 5* | 9 | 8 | 9 | 6 | 9+ | 6 | 1* | 14 |
| 15 | 6 | 5 | - | 9+ | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 6* | 9 | 2 | 9 | 9 | 9 | 2 | 4* | 15 |
| 16 | 8 | 7 | - | 9+ | 9+ | 6 | - | 8 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 6* | 9 | - | 9 | 9 | 5 | - | 4* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 8 | 9+ | 5 | 9 | 9+ | 9+ | 6 | 6* | 9 | - | 9 | 9 | 5 | 1* | 2* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 2 | 9+ | 9 | 8 | 9+ | 9+ | 9+ | 8 | 9+ | 2 | 9 | 9+ | 9 | 6 | 5 | 9 | - | 9 | 8 | 5 | 5* | 1* | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 2 | 9+ | 9+ | 9 | 3 | 9+ | 9 | 9 | 9+ | 9+ | 9+ | 9 | 9+ | 1 | 9 | 9+ | 9 | 6 | 6 | 8 | - | 6 | 7 | 5 | 3* | - | 19 |
| 20 | 8 | 8 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 6 | 9+ | 9+ | 9 | 4 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | 3* | 9 | 9+ | 7 | 3 | 7 | 2 | - | 2 | 4 | 5 | - | - | 20 |
| 21 | 8 | 8 | 4 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | 4* | 9 | 9 | 6 | 2* | 8 | - | - | 1 | - | 5 | - | - | 21 |
| 22 | 8 | 9 | 5 | 9+ | 9+ | 8 | 1 | 9 | 9 | 7 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 2* | 8 | 8 | 6 | 3* | 5 | - | - | - | - | 5 | - | - | 22 |
| 23 | 9 | 8 | 7 | 9+ | 9+ | 5 | 4 | 9 | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 8 | 2* | 8 | 9 | 6 | 1* | 4 | - | - | - | 1 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jun., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 5 | 9+ | 9+ | - | 2 | 9 | 7 | 8 | 9+ | 9+ | 3 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 6 | 2 | 7 | 8 | 6 | 2 | 3 | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 5 | 9+ | 9+ | - | 2 | 9 | 4 | 8 | 9+ | 9 | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 2 | 5 | 5 | 8 | 7 | 6 | 1 | - | - | - | - | 5 | - | - | 1 |
| 2 | 9 | - | 3 | 9+ | 9+ | - | 2 | 9 | 2 | 8 | 9+ | 9+ | - | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 4 | 8 | 2 | 8 | 9 | 8 | 2 | - | - | - | - | 5 | - | - | 2 |
| 3 | 7 | - | - | 9+ | 9+ | - | - | 8 | - | 6 | 9+ | 9+ | - | 5 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 8 | 9 | 6* | 9 | 9+ | 8 | 7* | - | - | - | - | 5 | 1 | - | 3 |
| 4 | 2 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 2 | 9 | 6 | 9 | 9+ | 9+ | 5 | 9 | 9+ | 9 | 5* | 9+ | 9+ | 9 | 7* | - | 1 | - | 4 | 5 | 6 | 1* | 4 |
| 5 | - | - | - | 8 | 9+ | - | - | 6 | - | 1 | 9+ | 9+ | - | - | 9 | 6 | 8 | 9+ | 9 | 3 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 6* | 2 | - | - | 8 | 5 | 6 | 3* | 5 |
| 6 | - | - | - | 2 | 9+ | - | - | 2 | - | - | 9 | 9+ | - | - | 9 | 4 | 8 | 9+ | 9 | 1 | 5 | 9+ | 8 | 6 | 9+ | 9+ | 9 | 4* | 1 | 2 | - | 9 | 5 | 5 | 1* | 6 |
| 7 | - | - | - | - | 9+ | - | - | - | - | - | 8 | 9+ | - | - | 9 | 5 | 5 | 9+ | 9 | 2 | 4 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 2* | 1 | 4 | - | 9 | 5 | 6 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 5 | 5 | 9+ | 9 | 3 | 5 | 9+ | 9 | - | 9+ | 9+ | 8 | 1* | 2 | 5 | - | 9 | 8 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 5 | 3 | 9+ | 9 | 3 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 2* | 4 | 6 | - | 9 | 9 | 9 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 7 | 1 | 9+ | 9 | 6 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1 | 7 | 8 | 4 | 9 | 9 | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9 | 7 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 2 | 8 | 8 | 6 | 9 | 9 | 9 | - | 11 |
| 12 | - | - | - | - | 9+ | - | - | 1 | 2 | - | 8 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 3 | 7 | 9 | 8 | 9 | 9 | 8 | - | 12 |
| 13 | - | - | - | 4 | 9+ | - | - | 3 | 3 | - | 9 | 9+ | 4 | - | 9 | 9 | 2* | 9+ | 9+ | 8 | 7 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 2 | 7 | 7 | 7 | 9 | 9 | 6 | - | 13 |
| 14 | - | 3 | - | 8 | 9+ | 1 | - | 6 | 6 | - | 9+ | 9+ | 6 | - | 9 | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 4* | 7 | 4 | 7 | 9 | 9 | 1 | - | 14 |
| 15 | 4 | 5 | - | 9+ | 9+ | 3 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 6* | 8 | - | 7 | 9 | 8 | - | 1* | 15 |
| 16 | 7 | 7 | - | 9+ | 9+ | 7 | - | 8 | 9 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 4 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 6* | 8 | - | 8 | 9 | 5 | - | 1* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 4 | 9+ | 9+ | 9 | 8 | 9+ | 6 | 9 | 9+ | 9+ | 6* | 5* | 8 | - | 8 | 8 | 5 | - | - | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 2 | 9 | 9+ | 9 | 6* | 3* | 7 | - | 8 | 6 | 5 | 3* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | 2 | 9+ | 9+ | 9 | 2 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9+ | 9 | 7 | 5 | 5 | - | 2 | 5 | 5 | 1* | - | 19 |
| 20 | 8 | 8 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 3 | 9+ | 9+ | 9 | 9+ | 9+ | 9 | 9 | 9+ | 1* | 9 | 9+ | 7 | 3 | 5 | 2 | - | 1 | 3 | 5 | - | - | 20 |
| 21 | 9 | 7 | 5 | 9+ | 9+ | 8 | - | 9 | 9 | 8 | 9+ | 9+ | 9 | 4 | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9 | 9+ | - | 9 | 9+ | 6 | 1* | 6 | - | - | - | 1 | 5 | - | - | 21 |
| 22 | 9 | 9 | 6 | 9+ | 9+ | 8 | - | 9 | 9 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | 3 | 9 | 9 | 7 | 4* | 5 | - | - | - | - | 5 | - | - | 22 |
| 23 | 9 | 8 | 6 | 9+ | 9+ | 5 | 1 | 9 | 8 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 8 | 2 | 8 | 9 | 6 | 2 | 6 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

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| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 5 | 7 | 9+ | 9+ | - | 5 | 9 | 7 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 4 | 1 | 6 | 2 | 6 | 1* | 1 | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 5 | 9 | 5 | 8 | 9+ | 9 | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 1 | 4 | 3 | 2 | 6 | 4 | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 4 | 9 | 2 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 1 | 7 | 1 | 5 | 6 | 7 | 1 | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 1 | 9 | - | 6 | 9+ | 9 | - | 6 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 9 | 5 | 9 | 5* | 7 | 9+ | 9 | 6* | - | - | - | - | 5 | 2 | - | 3 |
| 4 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 4 | 9 | 6 | 9 | 9+ | 9+ | 7 | 8 | 9+ | 8 | 2 | - | 9+ | 8 | 7* | - | - | - | - | 5 | 2 | - | 4 |
| 5 | - | - | - | 8 | 9+ | - | - | 7 | - | 1 | 9+ | 9+ | - | 1 | 9+ | 7 | 8 | 9+ | 9 | 3* | 6 | 9+ | 8 | 6 | 2 | 9+ | 8 | 5* | 1 | - | - | 1 | 5 | 2 | 1* | 5 |
| 6 | - | - | - | 3 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | - | 9 | 4 | 7 | 9+ | 9 | 3 | 5 | 9+ | 8 | 4 | 9+ | 9+ | 9 | 4* | - | 1 | - | 5 | 5 | 4 | 1* | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 3 | 6 | 9+ | 9 | 2 | 9+ | 9+ | 8 | 2* | - | 4 | - | 7 | 5 | 6 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 4 | 4 | 9+ | 9 | 2 | 5 | 9+ | 9 | - | 9+ | 9+ | 8 | 1* | - | 4 | - | 8 | 6 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9 | 4 | 6 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 1* | 1 | 5 | - | 8 | 7 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 7 | 1 | 9+ | 9 | 6 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 1* | 3 | 6 | 4 | 8 | 8 | 8 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | 1 | - | 6 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9 | 8 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 5 | 6 | 6 | 8 | 8 | 8 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 1 | 3 | - | 8 | 9+ | - | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 2 | 5 | 7 | 7 | 8 | 8 | 8 | - | 12 |
| 13 | - | 1 | - | 5 | 9+ | - | - | 4 | 3 | - | 9 | 9+ | 5 | - | 9 | 9 | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 1 | 4 | 6 | 7 | 8 | 8 | 5 | - | 13 |
| 14 | 1 | 2 | - | 9 | 9+ | 1 | - | 7 | 6 | - | 9+ | 9+ | 7 | 1 | 9 | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9 | 9+ | 7 | 9+ | 9+ | 8 | 3* | 4 | 4 | 6 | 9 | 8 | - | - | 14 |
| 15 | 6 | 5 | - | 9+ | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9+ | 9+ | 5 | 5* | 4 | - | 6 | 9 | 5 | - | 1* | 15 |
| 16 | 8 | 7 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 5* | 6 | - | 8 | 9 | 5 | - | - | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 2 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 8 | 9+ | 2 | 8 | 9+ | 9 | 5* | 4* | 5 | - | 8 | 7 | 5 | - | - | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9+ | 8 | 5* | 2* | 3 | - | 7 | 4 | 5 | 1* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 9 | - | 9 | 8 | 3 | 9+ | 9+ | 9 | 3 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9 | 6 | 5 | 1 | 1 | - | - | 2 | 5 | - | - | 19 |
| 20 | 8 | 8 | 1 | 9+ | 9+ | 9 | - | 9 | 8 | 6 | 9+ | 9+ | 9 | 4 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9 | - | 8 | 9 | 6 | 2 | 3 | - | - | - | - | 5 | - | - | 20 |
| 21 | 8 | 8 | 4 | 9+ | 9+ | 8 | - | 9 | 9 | 8 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | - | 8 | 9 | 6 | - | 4 | - | - | - | - | 5 | - | - | 21 |
| 22 | 8 | 9 | 6 | 9+ | 9+ | 8 | 1 | 9 | 9 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 8 | 1 | 7 | 7 | 6 | 3* | 2 | - | - | - | - | 5 | - | - | 22 |
| 23 | 9 | 8 | 6 | 9+ | 9+ | 4 | 3 | 9 | 8 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 3 | 1 | 5 | 4 | 6 | 1 | 4 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Aug., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 7 | 9+ | 9+ | - | 6 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 9+ | 8 | 9 | 9 | 9 | 7 | 9 | 1 | - | 4 | 2 | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 8 | - | 1 | 1 | - | 6 | 2 | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9 | 2 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 9 | 9 | 9+ | 8 | 8 | - | 5 | 1 | - | 6 | 7 | - | - | - | - | 5 | - | - | 2 | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9 | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 6 | 9 | 4 | 9 | 5* | - | 9+ | 8 | 5* | - | - | - | - | 5 | - | - | 3 |
| 4 | 5 | - | - | 9+ | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9 | 8 | 9 | 9+ | 9+ | 8 | 7 | 9 | 9 | 5* | - | 9+ | 8 | 6* | - | 1 | - | - | 5 | 3 | - | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 1 | 9+ | 9+ | - | 2 | 9+ | 7 | 8 | 9+ | 9 | 3 | 7 | 9+ | 9 | 4* | 5 | 9+ | 8 | 5* | 1 | - | - | 2 | 5 | 2 | 1* | 5 |
| 6 | - | - | - | 4 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | - | 9 | 4 | 6 | 9+ | 9 | 3 | 6 | 9+ | 9 | 2 | 7 | 9+ | 8 | 2* | 1 | 2 | - | - | 5 | 5 | - | 6 |
| 7 | - | - | - | - | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 4 | 4 | 9+ | 9 | 4 | 5 | 9+ | 9 | 1 | 9 | 9+ | 8 | 2* | 1 | 4 | - | 4 | 7 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 4 | 4 | 9+ | 9 | 3 | 4 | 9+ | 9 | - | 9 | 9+ | 8 | - | 1 | 8 | - | 4 | 9 | 9 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9 | 4 | 5 | 9+ | 9 | 6 | 9 | 9+ | 8 | - | 2 | 9 | - | 4 | 9 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 7 | 1 | 9+ | 9 | 6 | 4 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 1* | 5 | 9 | 5 | 3 | 9 | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | 1 | - | 6 | 9+ | 1 | - | 9 | 8 | 1 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 1 | 7 | 9 | 7 | 6 | 9 | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 2 | 2 | - | 8 | 9+ | 1 | - | 9 | 9 | 1 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 2 | 7 | 9 | 8 | 9 | 9 | 8 | - | 12 |
| 13 | - | 1 | - | 6 | 9+ | - | - | 5 | 5 | - | 9 | 9+ | 4 | 1 | 9 | 9+ | 3* | 9+ | 9+ | 9 | 7 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 2 | 6 | 9 | 8 | 9 | 9 | 6 | - | 13 |
| 14 | 3 | 2 | - | 9 | 9+ | 1 | - | 8 | 7 | - | 9+ | 9+ | 6 | 1 | 9 | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 5 | 5 | 6 | 7 | 1 | 9 | - | - | 14 |
| 15 | 7 | 5 | - | 9+ | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 1 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 6 | 6* | 5 | 3 | 8 | 2 | 6 | - | 2* | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 6 | - | 8 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 9+ | 9 | 8 | 9+ | 9+ | 1 | 6* | 6 | 1 | 8 | 2 | 5 | - | 1* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 4 | 9+ | 9+ | 9 | 8 | 9+ | 5 | 9 | 9+ | 8 | 6* | 5* | 6 | - | 8 | 9 | 5 | - | 1* | 17 |
| 18 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9 | 6 | 5* | 3 | 3 | - | 8 | 2 | 5 | 1* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 3 | 9+ | 9+ | 9 | 4 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9 | 6 | 2* | 4 | - | - | 1 | - | 5 | - | - | 19 |
| 20 | 9 | 8 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 8 | - | 6 | 9 | 6 | 1* | 3 | - | - | - | - | 5 | - | - | 20 |
| 21 | 9 | 8 | 4 | 9+ | 9+ | 8 | 2 | 9 | 9 | 8 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 5 | 1 | 4 | 8 | 6 | 1* | 1 | - | - | - | - | 5 | - | - | 21 |
| 22 | 9 | 9 | 5 | 9+ | 9+ | 8 | 4 | 9 | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 3 | - | 6 | 5 | 6 | - | - | - | - | - | 5 | - | - | 22 | |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 4 | 5 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 8 | 9 | 9+ | 9 | 8 | 9 | 1 | - | 2 | 1 | 6 | 1* | 1 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

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| 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 7 | 9 | 9 | 9 | 7 | 9 | - | 2* | 9 | 8 | 6 | 1* | 1* | - | 1* | 5 | 5 | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9 | 9 | 9 | 7 | 9+ | 8 | 8 | - | 1 | 7 | 6 | 6 | 2 | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9 | 5 | 8 | 9+ | 9+ | - | 8 | 9 | 9+ | 8 | 9 | 9+ | 8 | 8 | - | 9 | 5* | 2* | 7 | 8 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9 | 1 | 8 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9 | 9+ | 6 | 8 | 3 | 9+ | 5* | 7 | 9+ | 9 | 7* | - | 8 | 5* | 1* | 7 | 6 | 1* | 3 |
| 4 | 7 | - | - | 9+ | 9+ | - | 1 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 8 | 9+ | 9+ | 8 | - | 9+ | 8 | 4* | 1 | 9 | 5* | 6 | 9+ | 8 | 5* | 4 |
| 5 | 3 | - | - | 9 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 5 | 9+ | 7 | 9 | 9+ | 9+ | 4 | 7 | 2 | 9 | 8 | 9+ | 9+ | 8 | 4* | 8 | 9 | 6* | - | 9+ | 8 | 6* | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 5 | 8 | 9+ | 9 | 3 | 5 | 8 | 9 | 8 | 9+ | 9+ | 7 | 3* | 9 | 9 | 4* | - | 9+ | 8 | 4* | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 8 | 9+ | - | - | 9 | 5 | 5 | 9+ | 9 | 4 | 2 | 9+ | 9 | 3* | 9+ | 9+ | 8 | 3* | 9+ | 9 | - | 9 | 9+ | 8 | 1* | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 5 | 3 | 9+ | 9 | 3 | 1 | 9 | 9 | 5 | 9+ | 9+ | 8 | 2* | 9+ | 9 | - | 8 | 9+ | 8 | 1* | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 3 | 9+ | - | - | 9 | 7 | 4 | 9+ | 9+ | 5 | 3 | 9 | 9 | 6 | 9+ | 9+ | 9 | 1* | 9 | 9+ | 5 | 9 | 9+ | 9 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 4 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 7 | 5 | 9 | 9+ | 6 | 9+ | 9+ | 9 | - | 9 | 9+ | 7 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 2 | 1 | - | 6 | 9+ | - | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 6 | 9 | 9+ | 8 | 2* | 9+ | 9 | - | 11 |
| 12 | - | - | - | 3 | 9+ | - | - | 5 | 4 | - | 9 | 9+ | 3 | 2 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 12 |
| 13 | 3 | 4 | - | 8 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 3 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 6* | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 1 | 13 |
| 14 | 7 | 8 | - | 9+ | 9+ | 6 | - | 9 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 8 | 9 | 9 | 7 | 9 | 4 | 3* | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 5 | 9 | 8 | 7 | 5 | 2 | 7* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 4 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9+ | 6 | 5 | 8 | 4* | 6 | 8 | 9 | 5 | - | 6* | 16 |
| 17 | 8 | 8 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 5* | 9 | 8 | 9 | 6 | 5* | 6 | 2* | 4 | 9 | 8 | 5 | 5* | 4* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9 | 8 | 9+ | 9 | 9 | 8 | 8 | 8 | 9 | 9 | 6 | 4* | 4* | 1* | 1 | 9 | 7 | 5 | 6* | 2* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 6 | 9 | 9 | 9 | 9+ | 8 | 9 | 8 | 5 | 7 | 9 | 8 | 6 | 4* | 4* | - | - | 9 | 9 | 5 | 5* | 2* | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 7 | 9+ | 9 | 9 | 8 | 9 | 8 | 8 | - | 5 | 9 | 5 | 6 | 4* | 3* | - | - | 9 | 9 | 5 | 4* | 2* | 20 |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9+ | 8 | 9 | 8 | 9+ | 8 | 8 | - | 4 | 9 | 3 | 6 | 4* | 3* | - | 5* | 8 | 9 | 5 | 2* | 1* | 21 |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 6 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 8 | - | 4* | 9 | 1 | 6 | 6 | 3* | - | 3* | 8 | 8 | 5 | 1* | - | 22 |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 8 | 9 | 9 | 9 | 9 | 9 | - | 2* | 9 | 7 | 6 | 4 | 2* | - | 2* | 6 | 8 | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Nov., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 7 | 9 | 9 | 8 | 5 | 8 | - | 1* | 8 | 8 | 6 | 1* | - | - | - | 1 | - | 5 | - | - | 0 | |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 9 | 8 | 9 | 9 | 9 | 5 | 7 | - | - | 5 | - | 6 | - | - | - | - | - | 5 | - | - | 1 | | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9 | 6 | 8 | 9+ | 9+ | - | 8 | 7 | 9+ | 7 | 5 | 9+ | 8 | 6 | - | 4 | 1* | - | 6 | 1 | - | - | - | - | 5 | - | - | 2 | | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 5 | 1* | 9+ | 7 | 9 | - | 9+ | 6* | 2* | 9+ | 9 | 5* | - | 5 | 2* | - | 5 | 3 | - | 3 | |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9+ | - | 8 | 5 | 9 | 9 | 9+ | 9+ | 7 | 8 | 7 | 9+ | 5* | - | 9+ | 8 | 4* | - | 9 | 5* | - | 9 | 8 | 4* | 4 | |
| 5 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 6 | 9+ | 7 | 8 | 9+ | 9+ | 5 | 5 | 9+ | 9 | 8 | 2 | 9+ | 8 | 4* | 3 | 9 | 5 | 9 | 9+ | 8 | 5* | 5 | |
| 6 | 1 | - | - | 7 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 3 | 9+ | 6 | 8 | 9+ | 9 | 5 | 3 | 5 | 9 | 8 | 9+ | 9+ | 8 | 3* | 9 | 9 | 3 | - | 9+ | 8 | 2* | 6 | |
| 7 | - | - | - | 1 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 1 | 9 | 6 | 5 | 9+ | 9 | 2 | 4 | 9+ | 9 | 2* | 9+ | 9+ | 8 | 2* | 9 | 9 | - | 9 | 9 | 8 | - | 7 | |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | - | 9 | 6 | 2 | 9+ | 9 | 3 | 4 | 9 | 9 | 5 | 9+ | 9+ | 8 | 1* | 9 | 9 | - | 8 | 9 | 8 | - | 8 | |
| 9 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 7 | 5 | 9+ | 9 | 5 | 2 | 9 | 9 | 7 | 9+ | 9+ | 9 | 1* | 9 | 9 | 5 | 9 | 9+ | 8 | - | 9 | |
| 10 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 5 | 9+ | - | 1 | 9 | 8 | 3 | 9+ | 9+ | 7 | 6 | 9 | 9+ | 6 | 9+ | 9+ | 9 | - | 9 | 9+ | 7 | 9 | 9+ | 8 | - | 10 | |
| 11 | - | - | - | - | 9+ | - | - | 4 | 4 | - | 7 | 9+ | - | 1 | 9 | 9 | 3 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 4 | 9 | 9+ | 5 | 1* | 9+ | 9 | - | 11 | |
| 12 | 1 | 1 | - | 4 | 9+ | - | - | 7 | 7 | - | 9 | 9+ | 4 | 4 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 8 | 8 | 9+ | 7 | - | 9+ | 8 | - | 12 | |
| 13 | 5 | 5 | - | 9 | 9+ | 4 | - | 9 | 8 | - | 9+ | 9+ | 6 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 9 | 5 | 7 | 8 | 1 | 5 | 2 | 1 | 13 | |
| 14 | 8 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 7 | 9+ | 9 | 9 | 9 | 2* | 7 | 9 | 2 | 5 | 2 | 5* | 14 | |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 3 | 9+ | 9+ | 9+ | 8 | 7 | 9 | 9 | 7 | 9+ | 7 | 9 | 6 | 3* | 8 | 9 | 4 | 5 | - | 6* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 8 | 5* | 9 | 8 | 9 | 6 | 8 | 6* | 2* | 6 | 8 | 7 | 5 | - | 5* | 16 | |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9 | 9+ | 6 | 9+ | 9+ | 9+ | 8 | 4* | 9 | 8 | 8 | 6 | 8 | 5* | - | 4 | 8 | 9 | 5 | 5* | 4* | 17 | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9 | 8 | 9+ | 6 | 9 | 6 | 2* | 8 | 9 | 8 | 6 | 4 | 4* | - | - | 8 | 9 | 5 | 4* | 2* | 18 | |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9 | 9 | 8 | 6 | 9 | 4 | - | 6 | 9 | 6 | 6 | 3* | 3* | - | - | 8 | 8 | 5 | 3* | 1* | 19 | |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9 | 9 | 9 | 8 | 6 | 9 | 6 | - | 3 | 9 | 4 | 6 | 3* | 2* | - | - | 8 | 8 | 5 | 2* | 1* | 20 | |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 7 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 8 | 9 | 8 | 9 | 9 | 7 | - | 4 | 9 | 9 | 6 | 4 | 1* | - | 2* | 7 | 6 | 5 | - | - | 21 | |
| 22 | 9+ | 8 | 4 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9 | 8 | 9 | 9 | 9 | 9 | 8 | - | 3* | 9 | 8 | 6 | 6 | 1* | - | 1* | 5 | 3 | 5 | - | - | 22 | |
| 23 | 9+ | 8 | 6 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9 | 7 | 9 | 9 | 9 | 9 | 8 | - | 2* | 9 | 9 | 6 | 2 | - | - | - | 4 | 4 | 5 | - | - | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | |

Dec., Saudi Arabia (Riyadh), for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 6 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9 | 5 | 9 | 9 | 6 | 2 | 6 | - | 1* | 8 | 1 | 6 | 1* | - | - | - | 1 | - | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 7 | 5 | 9 | 7 | 6 | 2 | 5 | - | - | 4 | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 7 | 9+ | 9+ | - | 8 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 1 | 9+ | 5 | 1* | 6 | 8 | 3 | - | 2 | - | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9 | 2 | 8 | 9+ | 9+ | - | 8 | 2 | 9 | 2 | 8 | 9+ | 8 | 5 | - | 9+ | 5* | 3* | 6 | 8 | 1* | - | 3 | 1* | - | 5 | - | - | 3 |
| 4 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9 | - | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 5 | 9+ | 7 | 8 | - | 9+ | 6* | 5 | 9+ | 9 | 4* | - | 6 | 4* | - | 5 | 6 | - | 4 |
| 5 | 7 | - | - | 9 | 9+ | - | 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 7 | 8 | 9 | 9+ | 9+ | 7 | 6 | 8 | 9 | 9 | 1 | 9+ | 8 | 4* | - | 9 | 4* | 7 | 8 | 7 | 1* | 5 |
| 6 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 2 | 9+ | 9+ | - | 4 | 9+ | 8 | 8 | 9+ | 9+ | 4* | 1 | - | 9 | 7 | 9+ | 9+ | 8 | 3* | - | 9 | 1 | 9 | 9 | 8 | - | 6 |
| 7 | - | - | - | 3 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9+ | 7 | 6 | 9+ | 9 | 2 | 2 | 6 | 9 | 3* | 9+ | 9+ | 8 | 3* | 8 | 9 | - | 9 | 9 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | 3 | - | - | 7 | 9+ | - | 1 | 9 | 7 | 3 | 9+ | 9 | 4 | 4 | 9+ | 9 | 1* | 9+ | 9+ | 9 | 1* | 9 | 9 | - | 8 | 9 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | 2 | - | - | 6 | 9+ | - | 1 | 9 | 8 | 2 | 9+ | 9 | 4 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 9 | - | 9 | 9 | 1 | 7 | 9 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 3 | 1 | - | 6 | 9+ | 1 | 1 | 9 | 8 | 5 | 9+ | 9+ | 7 | 2 | 9 | 9+ | 6 | 9+ | 9+ | 9 | - | 7 | 9+ | 4 | 8 | 9 | 8 | - | 10 |
| 11 | - | - | - | 1 | 9+ | - | - | 6 | 5 | - | 8 | 9+ | 4 | 2 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 8 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 2 | 9+ | 4 | 9 | 9 | 8 | - | 11 |
| 12 | 3 | 1 | - | 6 | 9+ | 1 | - | 8 | 7 | - | 9 | 9+ | 6 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 2 | 1* | 9+ | 7 | - | 7 | 8 | - | 12 |
| 13 | 8 | 6 | - | 9 | 9+ | 5 | 1 | 9 | 8 | - | 9+ | 9+ | 6 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9+ | 9 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 2* | 5* | 7 | - | 5 | 5 | - | 13 |
| 14 | 9 | 8 | - | 9+ | 9+ | 7 | 3 | 9 | 8 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 3 | 9+ | 9+ | 9 | 9 | 6 | 9+ | 8 | 9+ | 9 | 9 | 8 | 2* | 4 | 7 | - | 5 | 3 | 1* | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 6 | 6 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 4 | 9+ | 9+ | 9+ | 9 | 5* | 9+ | 7 | 9 | 7 | 9 | 7* | 2* | 3 | 8 | 9 | 5 | 2 | 5* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 7 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9 | 9+ | 5 | 9+ | 9+ | 9+ | 8 | 5* | 9 | 8 | 9 | 6 | 9 | 6* | - | 1 | 9 | 9 | 5 | 1 | 2* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 8 | 9+ | 6 | 9+ | 9 | 9+ | 7 | 2* | 8 | 8 | 8 | 6 | 9 | 4* | - | - | 8 | 8 | 5 | 1* | 2* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9 | 8 | 9+ | 5 | - | 5 | 9 | 8 | 6 | 8 | 2* | - | - | 8 | 8 | 5 | 4* | 1* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9 | 9 | 9 | 8 | 6 | 9 | 5 | - | 3 | 9 | 9 | 6 | 5 | 4* | - | - | 8 | 5 | 5 | 2* | - | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9 | 8 | 9 | 8 | 6 | 9 | 5 | - | 1 | 9 | 8 | 6 | 3* | 1* | - | - | 7 | 4 | 5 | 2* | - | 20 |
| 21 | 9+ | 8 | 1 | 9+ | 9+ | 6 | 8 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 8 | 8 | 8 | 9 | 8 | 6 | 9 | 5 | - | 3* | 9 | 9 | 6 | 5 | 1* | - | 1* | 7 | 1 | 5 | - | - | 21 |
| 22 | 9 | 8 | 5 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9 | 7 | 9 | 9 | 8 | 9 | 6 | - | 1* | 9 | 8 | 6 | 6 | - | - | - | 5 | - | 5 | - | - | 22 |
| 23 | 9 | 7 | 7 | 9+ | 9+ | 2 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9 | 9 | 7 | 9 | 8 | 7 | 8 | 8 | - | 2* | 9 | 8 | 6 | 1* | - | - | - | 4 | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

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| 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9 | 4 | 8 | 7 | 6 | 1 | 7 | - | - | - | - | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9+ | 4 | 7 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 6 | 4 | 7 | 4 | 6 | - | 7 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 7 | 9+ | 9+ | - | 8 | 9 | 6 | 8 | 9+ | 9+ | 1 | 8 | 2 | 7 | 4 | 1 | 6 | 6 | 4 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9 | 1 | 7 | 9+ | 9 | - | 8 | - | 9 | 2* | 3 | 9+ | 8 | 2 | - | 8 | 4* | - | 6 | 5 | - | - | - | - | 5 | - | - | 3 | |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 4 | 9 | - | 6 | 9+ | 9 | - | 8 | 9 | 9 | 2* | - | 9+ | 6 | 6 | - | 9+ | 5* | - | 9 | 8 | 1* | - | - | - | - | 5 | 1 | - | 4 |
| 5 | 6 | - | - | 9 | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 6 | 1 | 8 | 8 | 9+ | 9+ | 7 | 4* | 1 | 9 | 3 | - | 9+ | 8 | - | - | 1 | - | - | 5 | 5 | - | 5 |
| 6 | 2 | - | - | 8 | 9+ | - | - | 7 | - | 2 | 9 | 9+ | - | 2 | 9+ | 6 | 8 | 9+ | 9 | 4* | 1 | 9 | 9 | 1 | 2 | 9+ | 8 | - | - | 5 | - | 3 | 8 | 7 | - | 6 |
| 7 | - | - | - | 2 | 9+ | - | - | 5 | - | - | 9 | 9+ | - | 1 | 9 | 7 | 6 | 9+ | 9 | 2 | 1 | - | 9 | - | 9+ | 9+ | 8 | - | - | 5 | - | 3 | 8 | 7 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | 2 | - | - | 7 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 4 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | - | - | 6 | - | 2 | 8 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9 | 4 | 1 | 9+ | 9 | 4 | 9+ | 9+ | 9 | - | - | 6 | - | 8 | 6 | 5 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 2 | 1 | - | 6 | 9+ | - | 1 | 9 | 8 | 4 | 9+ | 9+ | 6 | 1 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 3 | 6 | - | 8 | 5 | 5 | - | 10 |
| 11 | - | - | - | 1 | 9+ | - | - | 5 | 4 | - | 8 | 9+ | 1 | 2 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 7 | 9 | 9+ | 6 | 9+ | 9+ | 9 | - | - | 6 | 1 | 8 | 5 | 4 | - | 11 |
| 12 | 2 | 1 | - | 5 | 9+ | - | - | 8 | 7 | - | 9 | 9+ | 3 | 2 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 8 | 7 | 9+ | 7 | 9+ | 9+ | 9 | 1 | - | 1 | 3 | 9 | 5 | 2 | - | 12 |
| 13 | 6 | 5 | - | 9 | 9+ | 4 | 1 | 9 | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9+ | 9+ | 8 | 6 | 8 | 8 | 7 | 1* | 1 | 3 | - | 5 | - | - | 13 |
| 14 | 8 | 8 | - | 9+ | 9+ | 7 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9+ | 4* | 9+ | 9+ | 9 | 8 | 7 | 9 | 8 | 7 | 6 | 8 | 8 | 1* | - | 5 | 9 | 5 | - | - | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 4 | 9+ | 9+ | 9 | 8 | 4* | 9 | 7 | 7 | 6 | 8 | 6* | 1* | - | 8 | 9 | 5 | - | - | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 6 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 4 | 9+ | 9 | 9 | 8 | 4* | 7 | 8 | 8 | 6 | 7 | 5* | - | - | 8 | 9 | 5 | - | 1* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 8 | 8 | 6 | 8 | 8 | 9 | 6 | 3* | 3 | 8 | 4 | 6 | 2 | 5* | - | - | 6 | 8 | 5 | - | 1* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 5 | 8 | 8 | 7 | 6 | 9 | 4 | - | - | 8 | 8 | 6 | 4* | 2* | - | - | 4 | 6 | 5 | 1* | - | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 3 | 9+ | 9+ | 9 | 7 | 9 | 5 | 8 | 8 | 6 | 9 | 5 | - | - | 8 | 9 | 6 | 2* | 2* | - | - | 1 | - | 5 | - | - | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 8 | 5 | 9 | 6 | 6 | 7 | 5 | - | - | 6 | 8 | 6 | 1* | - | - | - | - | 5 | - | - | 20 | |
| 21 | 9 | 8 | 1 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 8 | 2 | 9 | 9 | 8 | 8 | 6 | - | 1* | 5 | 5 | 6 | - | - | - | - | - | 5 | - | - | 21 | |
| 22 | 9 | 8 | 5 | 9+ | 9+ | 8 | 8 | 9 | 9 | 8 | 9+ | 9+ | 8 | 8 | 9 | 1* | 9 | 7 | 9 | 8 | 7 | - | - | 3 | 1 | 6 | 1 | - | - | - | - | 5 | - | - | 22 | |
| 23 | 9 | 9 | 7 | 9+ | 9+ | 5 | 7 | 9 | 9 | 8 | 9+ | 9+ | 7 | 8 | 9 | 4 | 9 | 9 | 9 | 5 | 6 | - | - | 2 | - | 6 | - | - | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Feb., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 6 | 8 | 9 | 4 | 9 | 9 | 7 | 1* | 6 | - | - | 6 | 3 | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9+ | 3 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 9 | 5 | 9 | 6 | 6 | 1 | 6 | - | - | 2 | - | 6 | - | - | - | - | - | - | 5 | - | - | 1 |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 8 | 9 | 6 | 8 | 9+ | 9+ | 1 | 8 | 4 | 8 | 5 | 2* | 6 | 6 | 4 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 6 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 4 | 9 | 2 | 6 | 9+ | 8 | 6 | - | 8 | 4* | 1* | 6 | 5 | - | - | - | - | 5 | - | - | 3 | |
| 4 | 8 | - | 1 | 9+ | 9+ | - | 3 | 9 | - | 6 | 9+ | 9 | - | 7 | 9+ | 9 | 4 | - | 9+ | 7 | 8 | - | 9+ | 5* | 4 | 9+ | 8 | 6* | - | 3 | 1* | - | 5 | 1 | - | 4 |
| 5 | 5 | - | - | 9 | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 5 | 9 | 7 | 8 | 9+ | 9+ | 5 | 6 | 9 | 9 | 5 | - | 9+ | 8 | 5* | - | 5 | - | 5 | 6 | 6 | - | 5 |
| 6 | 1 | - | - | 6 | 9+ | - | - | 6 | - | 2 | 9 | 9+ | - | 2 | 9+ | 6 | 8 | 9+ | 9 | 5 | 1 | - | 9 | 4 | 5 | 9+ | 8 | 2* | - | 7 | - | 8 | 9 | 7 | - | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 3 | - | - | 8 | 9+ | - | 1 | 9 | 6 | 5 | 9+ | 9 | 1 | 1 | 1 | 9 | - | 9+ | 9+ | 8 | - | 3 | 8 | - | 4 | 9 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | - | 9 | 7 | 4 | 9+ | 9 | 3 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | - | 5 | 9 | - | 4 | 9 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9 | 6 | 1 | 9 | 9 | 5 | 9+ | 9+ | 9 | - | 6 | 9 | - | 7 | 9 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 8 | 3 | 9+ | 9 | 7 | - | 9 | 9 | 5 | 9+ | 9+ | 9 | - | 4 | 9 | 1 | 8 | 9 | 7 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 3 | 2 | - | 7 | 9+ | 2 | 1 | 9 | 9 | 3 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 8 | 9+ | 9+ | 9 | - | 1 | 9+ | 4 | 9 | 9 | 7 | - | 11 |
| 12 | - | - | - | 3 | 9+ | - | - | 6 | 6 | - | 9 | 9+ | 2 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 8 | 6 | 9+ | 8 | 9+ | 9+ | 9 | - | - | 9 | 2 | - | 8 | 5 | - | 12 |
| 13 | 4 | 4 | - | 8 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 5 | 9+ | 8 | 9+ | 9+ | 9 | 2 | - | 5 | 6 | - | 5 | 1 | - | 13 |
| 14 | 7 | 8 | - | 9+ | 9+ | 4 | - | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 7 | - | 5 | 7 | - | 5 | 1 | - | 14 |
| 15 | 9 | 9 | - | 9+ | 9+ | 6 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 9+ | 7 | 7 | 7 | - | 5 | 8 | - | 5 | - | 1* | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 8 | 4 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 4 | 9+ | 9 | 9 | 8 | 4* | 9 | 8 | 8 | 6 | 5 | 6* | - | 2 | 8 | - | 5 | - | 4* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | - | 9+ | 9+ | 9 | 6 | 9 | 9 | 6 | 9+ | 6 | 9 | 8 | 4* | 6 | 8 | 8 | 6 | 2* | 5* | - | - | 8 | 9 | 5 | - | 2* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | - | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 8 | 6 | 9 | 6 | 1* | 5 | 9 | 3 | 6 | 5* | 4* | - | - | 8 | 9 | 5 | 3* | 1* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 9 | 2 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 7 | 9 | 8 | 9 | 9 | 6 | 9 | 5 | - | 1 | 9 | 1 | 6 | 5* | 4* | - | - | 6 | 8 | 5 | 2* | 1* | 19 |
| 20 | 9+ | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 8 | 8 | 9 | 7 | 6 | 8 | 4 | - | - | 9 | 8 | 6 | 4* | 2* | - | - | 5 | 6 | 5 | 1* | - | 20 |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 8 | 7 | 6 | 9 | 6 | 8 | 8 | 5 | - | 4* | 9 | 9 | 6 | 1* | 1* | - | - | 3 | 2 | 5 | - | - | 21 |
| 22 | 9 | 8 | 4 | 9+ | 9+ | 7 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 8 | 1* | 9 | 6 | 9 | 8 | 6 | - | 2* | 8 | 9 | 6 | 1 | 1* | - | - | 1 | - | 5 | - | - | 22 |
| 23 | 9+ | 9 | 6 | 9+ | 9+ | 4 | 7 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 8 | 9 | 4 | 9 | 9 | 9 | 8 | 8 | - | 1* | 7 | 8 | 6 | - | - | - | - | - | 5 | - | - | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Apr., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 6 | 7 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9+ | 7 | 9 | 9 | 9 | 1 | 8 | - | 1* | 7 | 6 | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9+ | 2 | 6 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 9 | 8 | 9 | 9 | 9+ | 8 | 7 | - | - | 1 | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 6 | 9 | 3 | 8 | 9+ | 9 | - | 8 | 9 | 9+ | 7 | 8 | 9+ | 8 | 8 | - | 5 | 4* | 1* | 6 | 5 | 1* | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 2 | 9+ | 9+ | - | 4 | 9 | 1 | 7 | 9+ | 9 | - | 8 | - | 9 | 8 | 2 | 9+ | 6 | 8 | 2 | 9 | 5* | 1* | 9+ | 9 | 6* | - | 1 | 1* | - | 5 | 1 | - | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | 1 | 9 | - | 5 | 9+ | 9+ | - | 6 | 8 | 8 | 9 | 9+ | 9+ | 7 | 7 | 9 | 9 | 5* | - | 9+ | 8 | 6* | - | 3 | 4* | - | 5 | 3 | 1* | 4 |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 4 | 9+ | 7 | 8 | 9+ | 9 | 3 | 7 | 9+ | 9 | 5* | 2 | 9+ | 8 | 3* | - | 4 | 1* | 8 | 5 | 5 | - | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 5 | - | 1 | 9 | 9+ | - | 2 | 9 | 5 | 7 | 9+ | 9 | 2 | 5 | 9+ | 9 | 4* | 9 | 9+ | 8 | 2* | 1 | 2 | - | 2 | 5 | 8 | - | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 3 | 3 | 9+ | 9 | 1* | 9 | 9+ | 8 | 1* | - | 9 | - | - | 9 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 3 | 2 | 9+ | 9 | 1* | 9 | 9+ | 8 | 1* | 4 | 9 | - | - | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9 | 4 | 3 | 9+ | 9 | 6 | 9+ | 9+ | 8 | - | 8 | 9 | - | 2 | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9+ | 6 | 5 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | - | 9 | 9+ | 4 | 9 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 9 | 2 | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | - | 9 | 9+ | 6 | - | 9+ | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 3 | 2 | - | 8 | 9+ | 1 | - | 9 | 9 | 2* | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | 9 | 9+ | 7 | - | 9+ | 8 | - | 12 |
| 13 | - | 1 | - | 6 | 9+ | - | - | 6 | 5 | - | 9 | 9+ | 4 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2 | 1 | 9 | 8 | 2 | 9+ | 8 | - | 13 |
| 14 | 4 | 3 | - | 9 | 9+ | 1 | - | 8 | 8 | - | 9+ | 9+ | 7 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 4* | 1 | 9 | 9 | 5 | 9+ | 2 | - | 14 |
| 15 | 7 | 7 | - | 9+ | 9+ | 5 | - | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 1* | 9+ | 9+ | 9 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 6* | 6 | 7 | 9 | 7 | 7 | - | 4* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 7 | - | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 9+ | 9 | 2 | 6* | 3 | 1 | 8 | 9 | 5 | - | 1* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 8 | 9 | 2* | 8 | 9 | 6 | 5* | 6* | - | - | 9 | 9 | 5 | 3* | 2* | 17 |
| 18 | 9 | 9 | - | 9+ | 9+ | 9 | - | 9 | 9 | 1 | 9+ | 9+ | 9 | 5 | 9+ | 8 | 8 | 9+ | 9 | 9 | 8 | 9 | - | 9 | 9 | 6 | 6* | 4* | 1 | - | 8 | 8 | 5 | 5* | 1* | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 9 | - | 9+ | 9 | 4 | 9+ | 9+ | 9 | 5 | 9+ | 8 | 8 | 9+ | 9 | 9 | 9 | 8 | - | 9 | 8 | 6 | 6* | 4 | - | - | 4 | 6 | 5 | 2* | 1* | 19 |
| 20 | 9+ | 8 | 1 | 9+ | 9+ | 8 | 1 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 9 | 9 | 9 | 7 | 8 | 2 | 1 | 8 | 6 | 6 | 5* | 2* | - | - | 1 | 5 | 5 | 1* | - | 20 |
| 21 | 9+ | 8 | 3 | 9+ | 9+ | 8 | 3 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9 | 9 | 9 | 6 | 8 | 1 | 5* | 9 | 6 | 6 | 3* | 1* | - | - | 1 | 3 | 5 | - | - | 21 |
| 22 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 4 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 7 | 9 | 9 | 9 | 8 | 9 | 1 | 3* | 9 | 9 | 6 | 1 | 1* | - | - | 1 | 1 | 5 | - | - | 22 |
| 23 | 9+ | 8 | 7 | 9+ | 9+ | 2 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 6 | 9 | 9 | 9 | 6 | 8 | - | 2* | 8 | 9 | 6 | - | - | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

May, Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 5 | 6 | 9+ | 9+ | - | 5 | 9 | 8 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 8 | - | - | 1 | 4 | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 6 | 9 | 5 | 8 | 9+ | 9 | 1 | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 8 | - | 3 | - | 4 | 6 | 1 | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 4 | 9 | 2 | 7 | 9+ | 8 | - | 8 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | - | 6 | 2* | 6 | 8 | 5 | 2* | - | - | - | - | 5 | - | - | 2 |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 6 | 9+ | 9 | - | 7 | 2 | 9 | 9 | 9+ | 9+ | 7 | 9 | 6 | 9 | 6* | 8 | 9+ | 8 | 6* | - | - | - | - | 5 | - | - | 3 |
| 4 | 5 | - | - | 9+ | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9 | 6 | 9 | 9+ | 9+ | 8 | 7 | 9 | 9 | 5* | - | 9+ | 8 | 7* | - | - | - | 1 | 5 | 1 | 4* | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 7 | - | 1 | 9+ | 9+ | - | 2 | 9+ | 7 | 8 | 9+ | 9+ | 4 | 7 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 5* | 1 | - | - | 6 | 5 | 2 | 1* | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 5 | - | - | 9 | 9+ | - | - | 9 | 5 | 6 | 9+ | 9 | 3 | 5 | 9+ | 9 | 2 | 9+ | 9+ | 8 | 2* | 1 | - | - | 8 | 5 | 3 | - | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 4 | 5 | 9+ | 9 | 2 | 5 | 9+ | 9 | 1 | 9+ | 9+ | 8 | 1* | - | 1 | - | 9 | 5 | 7 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 7 | 9+ | - | - | 9 | 5 | 4 | 9+ | 9 | 3 | 5 | 9+ | 9 | - | 9+ | 9+ | 8 | - | - | 8 | - | 9 | 8 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 6 | 4 | 9+ | 9 | 4 | 6 | 9+ | 9 | 6 | 9+ | 9+ | 8 | - | 1 | 9 | - | 8 | 9 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 6 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 9 | - | 5 | 9 | - | 7 | 9 | 8 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | 1 | - | 6 | 9+ | - | - | 9 | 8 | 1 | 9+ | 9+ | 7 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | 7 | 9+ | 4 | 7 | 9+ | 8 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 2 | 5 | - | 8 | 9+ | 1 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 3 | 7 | 9+ | 6 | 9 | 9 | 8 | - | 12 |
| 13 | - | 1 | - | 5 | 9+ | - | - | 5 | 4 | - | 9 | 9+ | 3 | - | 9 | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2 | 7 | 9 | 6 | 2 | 9 | 7 | - | 13 |
| 14 | 2 | 2 | - | 9 | 9+ | 2 | - | 8 | 7 | - | 9+ | 9+ | 7 | 1 | 9 | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 5* | - | 4 | 6 | 5 | 9 | 1 | - | 14 |
| 15 | 6 | 6 | - | 9+ | 9+ | 5 | - | 8 | 8 | - | 9+ | 9+ | 8 | 2 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 6* | 8 | - | 8 | 6 | 8 | - | 2* | 15 |
| 16 | 8 | 8 | - | 9+ | 9+ | 8 | - | 7 | 9 | - | 9+ | 9+ | 8 | 4 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 8 | 9+ | 6 | 8 | 9+ | 9+ | 1 | 6* | 9 | - | 8 | 8 | 5 | - | 2* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9+ | 3 | 9 | 9+ | 9 | 5* | 5* | 9 | - | 9 | 9 | 5 | - | 1* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 8 | - | 9+ | 9+ | 9 | 2 | 9+ | 9 | 8 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9+ | 8 | 6* | 4 | 8 | - | 8 | 7 | 5 | 2* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 9 | - | 9 | 9 | 3 | 9+ | 9+ | 9 | 3 | 9+ | 8 | 9 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9+ | 6 | 4 | 5 | 5 | - | 2 | 7 | 5 | - | - | 19 |
| 20 | 8 | 8 | 1 | 9+ | 9+ | 8 | - | 9 | 9 | 6 | 9+ | 9+ | 9 | 5 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 9 | 1* | 8 | 9+ | 6 | 2* | 5 | - | - | - | 5 | 5 | - | - | 20 |
| 21 | 9 | 8 | 4 | 9+ | 9+ | 8 | 1 | 9 | 9 | 8 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 9 | 9 | 1* | 6 | 9+ | 6 | - | 5 | - | - | - | 1 | 5 | - | - | 21 |
| 22 | 9 | 9 | 6 | 9+ | 9+ | 8 | 2 | 9 | 9 | 8 | 9+ | 9+ | 8 | 5 | 9+ | 8 | 9 | 9+ | 9+ | 6 | 9 | 7 | - | 5 | 9 | 6 | 1* | 1 | - | - | - | - | 5 | - | - | 22 |
| 23 | 9 | 9 | 6 | 9+ | 9+ | 4 | 3 | 9 | 9 | 8 | 9+ | 9+ | 8 | 7 | 9+ | 8 | 9 | 9+ | 9+ | 7 | 9 | 3 | - | 1 | 7 | 6 | - | 1 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Jun., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 5 | 6 | 9+ | 9+ | - | 3 | 9 | 7 | 8 | 9+ | 9+ | 6 | 8 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 2 | 1 | 3 | 8 | 6 | - | 1 | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 6 | 9+ | 9+ | - | 3 | 9 | 5 | 8 | 9+ | 9 | 1 | 7 | 9+ | 9 | 9 | 9+ | 9+ | 7 | 8 | - | 4 | - | 8 | 6 | 1 | - | - | - | - | - | 5 | - | - | 1 |
| 2 | 9 | - | 4 | 9+ | 9+ | - | 2 | 9 | 2 | 8 | 9+ | 9 | - | 7 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 8 | 1 | 7 | - | 9 | 6 | 5 | 1* | - | - | - | - | 5 | - | - | 2 |
| 3 | 7 | - | 1 | 9+ | 9+ | - | - | 8 | - | 6 | 9+ | 9 | - | 5 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 5 | 8 | 6* | 9 | 9+ | 9 | 5* | - | - | - | 1 | 5 | 1 | - | 3 |
| 4 | 4 | - | - | 9+ | 9+ | - | - | 9 | - | 4 | 9+ | 9+ | - | 2 | 9 | 6 | 9 | 9+ | 9+ | 7 | 8 | 9+ | 8 | 2* | 9+ | 9+ | 9 | 6* | - | - | - | 5 | 5 | 2 | - | 4 |
| 5 | - | - | - | 8 | 9+ | - | - | 7 | - | 1 | 9+ | 9+ | - | - | 9 | 7 | 8 | 9+ | 9 | 5 | 5 | 9+ | 8 | 5 | 9+ | 9+ | 8 | 5* | - | - | - | 8 | 5 | 2 | 1* | 5 |
| 6 | - | - | - | 4 | 9+ | - | - | 4 | - | - | 9 | 9+ | - | - | 9 | 6 | 7 | 9+ | 9 | 3 | 5 | 9+ | 8 | 4 | 9+ | 9+ | 9 | 4* | - | 1 | - | 9 | 5 | 2 | 1* | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 5 | 5 | 9+ | 9 | 3 | 5 | 9+ | 9 | 1 | 9+ | 9+ | 8 | 2* | 1 | 4 | - | 9+ | 5 | 5 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 7 | 9+ | - | - | 9 | 5 | 4 | 9+ | 9 | 4 | 6 | 9+ | 9 | - | 9+ | 9+ | 8 | 1* | 2 | 4 | - | 9+ | 5 | 7 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 6 | 4 | 9+ | 9 | 4 | 6 | 9+ | 9 | 1 | 9+ | 9+ | 8 | 1* | 2 | 5 | - | 9+ | 8 | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 7 | 2 | 9+ | 9 | 6 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 9 | 1* | 4 | 6 | 2 | 9 | 8 | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9 | 7 | 6 | 9 | 9 | 7 | 9+ | 9+ | 9 | 1 | 5 | 6 | 5 | 9 | 9 | 9 | - | 11 |
| 12 | - | - | - | 1 | 9+ | - | - | 1 | 1 | - | 8 | 9+ | - | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 7 | 9 | 9+ | 7 | 9+ | 9+ | 9 | 2 | 5 | 6 | 6 | 9 | 9 | 8 | - | 12 |
| 13 | - | 1 | - | 5 | 9+ | - | - | 4 | 3 | - | 9 | 9+ | 4 | - | 9 | 9 | 4* | 9+ | 9+ | 9 | 8 | 8 | 9+ | 8 | 9+ | 9+ | 9 | 1 | 4 | 6 | 6 | 9 | 9 | 3 | - | 13 |
| 14 | 1 | 2 | - | 9 | 9+ | 2 | - | 7 | 5 | - | 9+ | 9+ | 7 | - | 9 | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 9+ | 7 | 9+ | 9+ | 8 | 3 | 5 | 1 | 6 | 9 | 9 | - | - | 14 |
| 15 | 5 | 5 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9+ | 3 | 9+ | 9+ | 9 | 8 | 9 | 8 | 8 | 9+ | 9+ | 2 | 5* | 6 | - | 6 | 9 | 7 | - | 1* | 15 |
| 16 | 8 | 8 | - | 9+ | 9+ | 6 | - | 7 | 9 | - | 9+ | 9+ | 8 | 1 | 9+ | 9+ | 5 | 9+ | 9+ | 9 | 8 | 9+ | 7 | 9 | 9+ | 9+ | - | 6* | 8 | - | 8 | 9 | 5 | - | - | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 9 | - | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 4 | 9 | 9+ | 9 | 4* | 5* | 7 | - | 8 | 7 | 5 | - | - | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | - | 8 | 9 | 1 | 9+ | 9+ | 9 | 1 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 8 | 9+ | - | 9 | 9+ | 9 | 6* | 2* | 6 | - | 6 | 5 | 5 | 1* | - | 18 |
| 19 | 8 | 8 | - | 9+ | 9+ | 9 | - | 8 | 9 | 4 | 9+ | 9+ | 9 | 2 | 9+ | 9 | 9 | 9+ | 9+ | 9 | 9 | 9+ | - | 9 | 9+ | 7 | 5 | 3 | 3 | - | 1 | 4 | 5 | - | - | 19 |
| 20 | 9 | 8 | 2 | 9+ | 9+ | 9 | - | 9 | 9 | 7 | 9+ | 9+ | 9 | 4 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9+ | - | 9 | 9+ | 6 | 1 | 4 | - | - | - | 2 | 5 | - | - | 20 |
| 21 | 9 | 8 | 5 | 9+ | 9+ | 8 | - | 9 | 9 | 8 | 9+ | 9+ | 9 | 5 | 9+ | 9 | 9 | 9+ | 9+ | 8 | 9 | 9 | - | 8 | 9+ | 6 | - | 5 | - | - | - | - | 5 | - | - | 21 |
| 22 | 9 | 9 | 7 | 9+ | 9+ | 8 | 1 | 9 | 9 | 8 | 9+ | 9+ | 8 | 6 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 8 | 1 | 6 | 9 | 6 | 2* | 3 | - | - | - | - | 5 | - | - | 22 |
| 23 | 9 | 9 | 8 | 9+ | 9+ | 5 | 2 | 9 | 8 | 8 | 9+ | 9+ | 8 | 5 | 9+ | 8 | 9 | 9+ | 9+ | 8 | 9 | 2 | - | 2 | 9 | 6 | - | 3 | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Aug., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 4 | 7 | 9+ | 9+ | - | 7 | 9+ | 8 | 8 | 9+ | 9+ | 5 | 8 | 9 | 6 | 9 | 9 | 8 | 6 | 8 | - | - | - | - | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 1 | 7 | 9+ | 9+ | - | 7 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | 9 | 8 | 8 | 9 | 9 | 8 | 6 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 5 | 9+ | 9+ | - | 5 | 9 | 2 | 8 | 9+ | 9 | - | 8 | 9 | 9 | 8 | 9 | 9+ | 8 | 8 | - | 2 | - | - | 6 | 2 | - | - | - | - | 5 | - | - | 2 | |
| 3 | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | - | 7 | 9+ | 8 | - | 7 | 9+ | 9 | 8 | 9 | 9+ | 7 | 9 | - | 8 | 5* | - | 9 | 8 | 3* | - | - | - | - | 5 | - | - | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | - | 8 | - | 5 | 9+ | 9+ | - | 5 | 6 | 8 | 8 | 9+ | 9+ | 8 | 7 | 9 | 9 | 4* | 9 | 9+ | 8 | 6* | - | - | - | - | 5 | - | - | 4 |
| 5 | 1 | - | - | 8 | 9+ | - | - | 8 | - | 1 | 9+ | 9+ | - | 2 | 9 | 7 | 7 | 9+ | 9 | 4 | 6 | 9+ | 8 | 1* | - | 9+ | 8 | 5* | - | - | - | - | 5 | 1* | - | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 5 | - | - | 9 | 9+ | - | - | 9 | 7 | 6 | 9+ | 9+ | 4 | 5 | 9+ | 8 | - | 2 | 9+ | 9 | 1* | - | 1 | - | - | 5 | 3 | - | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 2 | - | - | 9 | 9+ | - | - | 9 | 5 | 4 | 9+ | 9 | 4 | 3 | 9+ | 9 | - | 9 | 9+ | 8 | - | - | 3 | - | 1 | 5 | 7 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 7 | 9+ | - | - | 9 | 5 | 1 | 9+ | 9 | 3 | 2 | 9 | 9 | - | 9 | 9+ | 8 | - | - | 5 | - | 3 | 8 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 9 | 6 | 2 | 9+ | 9 | 5 | 4 | 9+ | 9 | 4 | 9 | 9+ | 8 | - | - | 6 | - | 2 | 8 | 9 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 5 | 9+ | - | - | 8 | 8 | 2 | 9+ | 9 | 6 | 6 | 9+ | 9 | 7 | 9 | 9+ | 9 | - | 1 | 7 | 4 | 1 | 8 | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 2 | - | 7 | 9+ | 1 | - | 9 | 8 | 2 | 9+ | 9+ | 8 | 6 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 4 | 7 | 5 | 3 | 8 | 9 | - | 11 |
| 12 | - | - | - | 2 | 9+ | - | - | 3 | 4 | - | 9 | 9+ | 2 | - | 9 | 9 | 3 | 9+ | 9+ | 9 | 7 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | 2 | 9 | 6 | 8 | 8 | 8 | - | 12 |
| 13 | 1 | 2 | - | 7 | 9+ | - | - | 6 | 6 | - | 9 | 9+ | 4 | 1 | 9 | 9+ | 8 | 9+ | 9+ | 9 | 9 | 9 | 9+ | 6 | 9+ | 9+ | 9 | 1* | 2 | 7 | 7 | 9 | 8 | 2 | - | 13 |
| 14 | 4 | 3 | - | 9 | 9+ | 3 | - | 8 | 7 | - | 9+ | 9+ | 7 | 2 | 9 | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 5 | 3 | 1 | 4 | 6 | 1 | 8 | - | - | 14 |
| 15 | 7 | 6 | - | 9+ | 9+ | 6 | - | 8 | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 8 | 9+ | 9 | 8 | 9+ | 9+ | - | 6* | 1 | - | 7 | 1 | 5 | - | 1* | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 6 | - | 8 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 4 | 9+ | 9+ | 8 | 8 | 9 | 7 | 8 | 9+ | 9 | - | 5* | 2 | - | 8 | - | 5 | - | - | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | - | 9+ | 9+ | 9 | 5 | 9+ | 9 | 5 | 9+ | 9+ | 8 | 8 | 9+ | - | 9 | 8 | 7 | 5* | 4* | 2 | - | 8 | 8 | 5 | - | - | 17 |
| 18 | 8 | 9 | - | 9+ | 9+ | 9 | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 7 | 8 | 9+ | 9+ | 8 | 8 | 9+ | - | 9 | 9 | 6 | 5* | 1* | - | - | 4 | - | 5 | - | - | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 3 | 9+ | 9+ | 8 | 4 | 9+ | 5 | 9 | 9+ | 9+ | 8 | 9 | 9 | - | 6 | 9 | 6 | - | - | - | - | - | - | 5 | - | - | 19 |
| 20 | 9 | 8 | 1 | 9+ | 9+ | 8 | 1 | 9 | 9 | 6 | 9+ | 9+ | 8 | 5 | 9+ | 4 | 9 | 9+ | 9+ | 8 | 9 | 4 | - | - | 9 | 6 | - | 1 | - | - | - | - | 5 | - | - | 20 |
| 21 | 9 | 8 | 4 | 9+ | 9+ | 8 | 1 | 9 | 9 | 8 | 9+ | 9+ | 9 | 7 | 9+ | 6 | 9 | 9+ | 8 | 5 | 9 | - | - | - | 8 | 6 | - | - | - | - | - | - | 5 | - | - | 21 |
| 22 | 9 | 9 | 6 | 9+ | 9+ | 7 | 4 | 9 | 9 | 8 | 9+ | 9+ | 8 | 8 | 9+ | 7 | 9 | 9+ | 9 | 5 | 9 | - | - | - | 6 | 6 | - | - | - | - | - | - | 5 | - | - | 22 |
| 23 | 9+ | 9 | 7 | 9+ | 9+ | 5 | 5 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 8 | 9+ | 6 | 9 | 9+ | 9 | 6 | 8 | - | - | - | 1 | 6 | - | - | - | - | - | - | 5 | - | - | 23 |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Sep., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 7 | 9+ | 9 | 8 | 9+ | 9+ | 6 | 8 | 9 | 5 | 9 | 8 | 6 | 1* | 7 | - | - | 1 | 2 | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9 | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 2 | 8 | 8 | 8 | 7 | 8 | 9 | 5 | 5 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9+ | 3 | 8 | 9+ | 9 | - | 8 | 8 | 9+ | 5 | 6 | 9+ | 8 | 6 | - | 5 | 3* | - | 6 | 4 | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 2 | 9+ | 9+ | - | 4 | 9 | - | 6 | 9+ | 9 | - | 8 | 9+ | 9 | 8 | - | 9+ | 8 | 8 | - | 9+ | 5* | - | 9+ | 9 | 6* | - | 1 | 1* | - | 5 | 2 | - | 3 |
| 4 | 6 | - | - | 9+ | 9+ | - | 1 | 8 | - | 5 | 9+ | 9+ | - | 7 | 6 | 8 | 8 | 9+ | 9+ | 7 | 8 | 8 | 9 | 5* | - | 9+ | 9 | 5* | - | 3 | 3* | - | 5 | 3 | - | 4 |
| 5 | 2 | - | - | 8 | 9+ | - | - | 8 | - | 2 | 9+ | 9+ | - | 5 | 9+ | 5 | 7 | 9+ | 9 | 4 | 7 | 9+ | 9 | 5* | 5 | 9+ | 7 | 3* | - | 2 | 1* | 3 | 6 | 7 | - | 5 |
| 6 | - | - | - | 5 | 9+ | - | - | 5 | - | - | 9 | 9+ | - | 2 | 9 | 4 | 7 | 9+ | 9 | 4 | 4 | 9+ | 9 | 4* | 9 | 9+ | 8 | 1* | 2 | 5 | - | - | 6 | 8 | - | 6 |
| 7 | - | - | - | 1 | 9+ | - | - | 1 | - | - | 8 | 9+ | - | - | 9 | 5 | 3 | 9+ | 9 | 4 | 2 | 9+ | 9 | - | 9 | 9+ | 8 | - | - | 9 | - | - | 9 | 8 | - | 7 |
| 8 | - | - | - | - | 9+ | - | - | - | - | - | 6 | 9+ | - | - | 9 | 5 | 4 | 9+ | 9 | 3 | 2 | 9+ | 9 | - | 9 | 9+ | 9 | - | - | 9 | - | - | 9+ | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9 | 5 | 1 | 9+ | 9 | 7 | 9+ | 9+ | 9 | - | - | 9 | - | - | 9+ | 8 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | - | - | - | 4 | 9+ | - | - | 9 | 8 | 2 | 9+ | 9 | 6 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | 7 | 9+ | 4 | 2 | 9+ | 9 | - | 10 |
| 11 | - | - | - | - | 9+ | - | - | 1 | 1 | - | 7 | 9+ | - | - | 9 | 9 | 1 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | - | 9+ | 7 | 8 | 9+ | 9 | - | 11 |
| 12 | - | - | - | 3 | 9+ | - | - | 4 | 3 | - | 9 | 9+ | 1 | - | 9 | 9+ | 1 | 9+ | 9+ | 9 | 6 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 1 | - | 9+ | 7 | - | 9+ | 8 | - | 12 |
| 13 | 1 | 3 | - | 8 | 9+ | - | - | 7 | 6 | - | 9+ | 9+ | 5 | 2 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2* | - | 9 | 9 | 1 | 9+ | 6 | - | 13 |
| 14 | 5 | 4 | - | 9 | 9+ | 4 | - | 8 | 8 | - | 9+ | 9+ | 7 | 4 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 7 | 9+ | 9+ | 8 | 9+ | 9+ | 8 | 5 | - | 9 | 9 | 2 | 9 | - | - | 14 |
| 15 | 8 | 7 | - | 9+ | 9+ | 6 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 7 | 9+ | 9 | 8 | 9+ | 9+ | 4 | 6 | 1 | 7 | 9 | 4 | 5 | - | 4* | 15 |
| 16 | 9 | 7 | - | 9+ | 9+ | 7 | 1 | 9 | 9 | - | 9+ | 9+ | 9 | 7 | 9+ | 9 | 4 | 9+ | 9+ | 9 | 8 | 9 | 8 | 8 | 9+ | 6 | - | 6* | - | 1 | 9 | 6 | 5 | - | 1* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 8 | 2 | 8 | 9 | 6 | 6* | 5* | - | - | 9 | 9 | 5 | - | 2* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 1 | 9 | 9 | 1 | 9+ | 9+ | 9 | 6 | 9+ | 8 | 8 | 9+ | 9+ | 8 | 9 | 9 | - | 9 | 8 | 6 | 6* | 4* | - | - | 8 | 8 | 5 | 4* | 1* | 18 |
| 19 | 9 | 8 | - | 9+ | 9+ | 8 | - | 9 | 9 | 4 | 9+ | 9+ | 9 | 6 | 9+ | 7 | 9 | 9+ | 9 | 7 | 9 | 6 | - | 9 | 8 | 6 | 5* | 2* | - | - | 3 | 4 | 5 | 1* | - | 19 |
| 20 | 9+ | 8 | 1 | 9+ | 9+ | 8 | 3 | 9+ | 9 | 6 | 9+ | 9+ | 9 | 6 | 9+ | 7 | 9 | 9+ | 9 | 4 | 8 | - | - | 7 | 9 | 6 | 3* | 1* | - | - | - | 1 | 5 | - | - | 20 |
| 21 | 9+ | 8 | 4 | 9+ | 9+ | 8 | 4 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 9 | 6 | 9 | 9+ | 8 | 4 | 8 | - | 2* | 7 | 7 | 6 | 1* | - | - | - | - | 5 | - | - | 21 | |
| 22 | 9+ | 9 | 5 | 9+ | 9+ | 6 | 6 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9 | 6 | 9 | 9 | 8 | 6 | 8 | - | 1* | 5 | 3 | 6 | - | - | - | - | - | 5 | - | - | 22 | |
| 23 | 9+ | 9 | 6 | 9+ | 9+ | 3 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9 | 4 | 9 | 9 | 8 | 2 | 8 | - | - | 3 | 6 | 6 | - | - | - | - | - | 5 | - | - | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |

Oct., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| 80 Meters | | | | | | | | 40 Meters | | | | | | | | 20 Meters | | | | | | | | 15 Meters | | | | | | | | 10 Meters | | | | | | | | |
|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|----|----|----|----|-----------|----|----|----|-----|--|--|--|--|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC | | | | |
| 0 | 9+ | 5 | 7 | 9+ | 9+ | - | 8 | 9+ | 9 | 8 | 9+ | 9+ | 5 | 8 | 9 | 6 | 9 | 7 | 8 | 6 | 7 | - | 1* | 8 | 9 | 6 | 1* | - | - | - | 1 | 1 | 5 | - | - | 0 | | | | |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 8 | 8 | 9 | 8 | 9 | 8 | 6 | - | - | 3 | 2 | 6 | - | - | - | - | - | 5 | - | - | 1 | | | | | |
| 2 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9 | 5 | 8 | 9+ | 9+ | - | 8 | 8 | 9+ | 5 | 9 | 9+ | 8 | 8 | - | 8 | 4* | 3* | 6 | 7 | 1* | - | - | - | - | 5 | - | - | 2 | | | | |
| 3 | 9 | - | 4 | 9+ | 9+ | - | 5 | 9 | 1 | 7 | 9+ | 9 | - | 8 | 9+ | 9 | 7 | - | 9+ | 7 | 8 | - | 9+ | 5* | 3 | 9+ | 9 | 5* | - | 4 | 3* | - | 5 | 5 | - | 3 | | | | |
| 4 | 8 | - | - | 9+ | 9+ | - | 1 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9 | 9 | 9 | 9+ | 9+ | 6 | 8 | 9 | 9+ | 5* | - | 9+ | 9 | 5* | - | 9 | 4* | 1 | 9 | 7 | 4* | 4 | | | | |
| 5 | 4 | - | - | 9 | 9+ | - | - | 8 | - | 4 | 9+ | 9+ | - | 5 | 9+ | 7 | 8 | 9+ | 9+ | 5 | 5 | - | 9 | 7 | 9+ | 9+ | 8 | 5* | 5 | 9 | 5* | 9 | 9 | 8 | 3* | 5 | | | | |
| 6 | - | - | - | 6 | 9+ | - | - | 6 | - | 1 | 9 | 9+ | - | 2 | 9+ | 5 | 8 | 9+ | 9 | 5 | 1 | 4 | 9 | 7 | 9+ | 9+ | 8 | 4* | 8 | 9 | 1* | 9 | 9 | 8 | - | 6 | | | | |
| 7 | - | - | - | 1 | 9+ | - | - | 3 | - | - | 8 | 9+ | - | 1 | 9 | 5 | 5 | 9+ | 9 | 2 | 1 | 8 | 9 | 3* | 9+ | 9+ | 8 | 2* | 8 | 9 | - | 8 | 9+ | 8 | - | 7 | | | | |
| 8 | - | - | - | - | 9+ | - | - | 1 | - | - | 6 | 9+ | - | - | 9 | 6 | 3 | 9+ | 9 | 4 | - | 9 | 9 | 1* | 9+ | 9+ | 8 | 1* | 8 | 9 | - | 7 | 9+ | 8 | - | 8 | | | | |
| 9 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 7 | 3 | 9+ | 9 | 6 | 2 | 9 | 9 | 6 | 9+ | 9+ | 9 | - | 7 | 9+ | 2 | 7 | 9+ | 9 | - | 9 | | | | |
| 10 | - | - | - | - | 9+ | - | - | 1 | - | - | 5 | 9+ | - | - | 9 | 8 | 3 | 9+ | 9+ | 7 | 5 | 9 | 9+ | 5 | 9+ | 9+ | 9 | - | 6 | 9+ | 6 | 9 | 9+ | 9 | - | 10 | | | | |
| 11 | - | - | - | - | 9+ | - | - | 3 | 1 | - | 7 | 9+ | 1 | 1 | 9 | 9 | 2 | 9+ | 9+ | 8 | 6 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 2 | 5 | 9+ | 8 | 1* | 9+ | 9 | - | 11 | | | | |
| 12 | - | 1 | - | 4 | 9+ | - | - | 6 | 7 | - | 9 | 9+ | 3 | 2 | 9+ | 9+ | 2 | 9+ | 9+ | 9 | 7 | 8 | 9+ | 7 | 9+ | 9+ | 9 | 6 | 6 | 9+ | 7 | 1 | 9+ | 9 | - | 12 | | | | |
| 13 | 4 | 5 | - | 9 | 9+ | - | - | 8 | 8 | - | 9+ | 9+ | 6 | 4 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 7 | 6 | 9+ | 7 | 3 | 9+ | 7 | - | 13 | | | | |
| 14 | 7 | 8 | - | 9+ | 9+ | 6 | 1 | 9 | 8 | - | 9+ | 9+ | 7 | 5 | 9+ | 9+ | 3* | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 7 | 9+ | 9+ | 8 | 8 | 2 | 9 | 9 | 5 | 6 | - | 1* | 14 | | | | |
| 15 | 9 | 9 | - | 9+ | 9+ | 6 | 2 | 9 | 9 | - | 9+ | 9+ | 8 | 5 | 9+ | 9+ | 2* | 9+ | 9+ | 9 | 8 | 9+ | 9 | 7 | 9+ | 7 | 1* | 7 | 1 | 8 | 9 | 7 | 5 | - | 6* | 15 | | | | |
| 16 | 9 | 8 | - | 9+ | 9+ | 6 | 2 | 9 | 9 | - | 9+ | 9+ | 9 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 7 | 9 | 8 | 9 | 6 | - | 7 | 1* | 3 | 8 | 9 | 5 | - | 5* | 16 | | | | |
| 17 | 8 | 8 | - | 9+ | 9+ | 8 | 3 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 9+ | 9 | 6 | 9+ | 8 | 9 | 8 | 5* | 7 | 8 | 8 | 6 | 6* | 5* | - | - | 9 | 8 | 5 | 3* | 5* | 17 | | | | |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 2 | 9 | 9 | 1 | 9+ | 9+ | 9 | 8 | 9 | 9 | 8 | 8 | 6 | 9 | 8 | 5* | 4 | 9 | 7 | 6 | 5* | 4* | - | - | 8 | 9 | 5 | 5* | 4* | 18 | | | | |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 1 | 9+ | 9 | 3 | 9+ | 9+ | 8 | 6 | 9+ | 9 | 9 | 8 | 6 | 8 | 6 | 2* | 1 | 9 | 3 | 6 | 5* | 4* | - | - | 8 | 9 | 5 | 4* | 1* | 19 | | | | |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 9 | 8 | 9 | 9 | 8 | 6 | 6 | - | 2* | 9 | - | 6 | 4* | 4* | - | - | 8 | 9 | 5 | 3* | - | 20 | | | | |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 5 | 9+ | 9 | 6 | 9+ | 9+ | 8 | 7 | 9 | 7 | 9 | 8 | 9 | 7 | 7 | - | 3* | 9 | - | 6 | 3* | 2* | - | 2* | 6 | 7 | 5 | 1* | - | 21 | | | | |
| 22 | 9+ | 8 | 5 | 9+ | 9+ | 7 | 8 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 9 | 6 | 9 | 6 | 9 | 8 | 6 | - | 2* | 9 | 7 | 6 | 2 | 2* | - | 1* | 4 | 4 | 5 | - | - | 22 | | | | |
| 23 | 9+ | 9 | 7 | 9+ | 9+ | 2 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 7 | 8 | 9 | 7 | 9 | 7 | 9 | 8 | 8 | - | 2* | 9 | 1 | 6 | 1* | 1* | - | - | 2 | 6 | 5 | - | - | 23 | | | | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | | | | | |

Dec., Saudi Arabia (Riyadh), for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

| | 80 Meters | | | | | | | 40 Meters | | | | | | | 20 Meters | | | | | | | 15 Meters | | | | | | | 10 Meters | | | | | | | |
|-----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|-----|
| UTC | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | UTC |
| 0 | 9 | 6 | 7 | 9+ | 9+ | 1 | 8 | 9+ | 8 | 8 | 9+ | 9+ | 4 | 8 | 8 | 5 | 9 | 7 | 6 | 1* | 6 | - | - | 5 | - | 6 | - | - | - | - | - | - | 5 | - | - | 0 |
| 1 | 9+ | 2 | 7 | 9+ | 9+ | - | 8 | 9+ | 8 | 8 | 9+ | 9+ | 3 | 8 | 3 | 4 | 8 | 3 | 6 | 1 | 5 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 1 | |
| 2 | 9+ | - | 7 | 9+ | 9 | - | 8 | 9+ | 7 | 8 | 9+ | 9+ | 1 | 8 | - | 7 | 2* | 1* | 6 | 6 | 2 | - | - | - | - | 6 | - | - | - | - | - | 5 | - | - | 2 | |
| 3 | 9 | - | 6 | 9+ | 9+ | - | 7 | 9 | 3 | 8 | 9+ | 9+ | - | 8 | - | 9+ | 2* | 3 | 9+ | 8 | 7 | - | 8 | 5* | - | 6 | 6 | - | - | - | - | 5 | - | - | 3 | |
| 4 | 9 | - | 2 | 9+ | 9+ | - | 5 | 9 | 1 | 8 | 9+ | 9 | - | 8 | 9+ | 9 | 4 | - | 9+ | 7 | 6 | - | 9+ | 6* | - | 9+ | 9 | 3* | - | - | 2* | - | 5 | 1 | - | 4 |
| 5 | 7 | - | - | 9+ | 9+ | - | 2 | 9 | - | 5 | 9+ | 9+ | - | 7 | 1 | 8 | 9 | 9+ | 9+ | 6 | 4 | 1 | 9 | 8 | - | 9+ | 8 | 3* | - | 2 | 1 | 1 | 5 | 5 | - | 5 |
| 6 | 3 | - | - | 8 | 9+ | - | - | 8 | - | 3 | 9+ | 9+ | - | 4 | 9+ | 8 | 8 | 9+ | 9+ | 4 | - | 9+ | 9 | 6 | 6 | 9+ | 8 | 1* | - | 4 | - | 7 | 8 | 7 | - | 6 |
| 7 | - | - | - | 4 | 9+ | - | - | 6 | - | 1 | 9 | 9+ | - | 1 | 9+ | 8 | 6 | 9+ | 9 | 2 | 1 | - | 9 | 2* | 9+ | 9+ | 8 | - | - | 5 | - | 6 | 8 | 7 | - | 7 |
| 8 | - | - | - | 1 | 9+ | - | - | 4 | - | - | 8 | 9+ | - | 1 | 9 | 7 | 4 | 9+ | 9 | 3 | 3 | 6 | 9 | - | 9+ | 9+ | 9 | - | - | 9 | - | 5 | 8 | 8 | - | 8 |
| 9 | - | - | - | - | 9+ | - | - | 3 | - | - | 7 | 9+ | - | 1 | 9 | 7 | 1 | 9+ | 9+ | 6 | 3 | 9 | 9 | 7 | 9+ | 9+ | 9 | - | 2 | 9 | - | 9 | 7 | 7 | - | 9 |
| 10 | - | - | - | - | 9+ | - | - | 4 | 2 | - | 7 | 9+ | 1 | 1 | 9 | 8 | 5 | 9+ | 9+ | 8 | 1 | 9 | 9+ | 7 | 9+ | 9+ | 9 | - | - | 9+ | 3 | 9 | 6 | 8 | - | 10 |
| 11 | 1 | - | - | 2 | 9+ | - | - | 6 | 5 | - | 8 | 9+ | 4 | 3 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 5 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | - | - | 9+ | 3 | 9 | 5 | 8 | - | 11 |
| 12 | 4 | 2 | - | 7 | 9+ | 1 | - | 8 | 7 | - | 9 | 9+ | 6 | 5 | 9+ | 9+ | 7 | 9+ | 9+ | 9 | 8 | 9+ | 9+ | 8 | 9+ | 9+ | 9 | - | - | 7 | 3 | - | 5 | 7 | - | 12 |
| 13 | 8 | 7 | - | 9 | 9+ | 5 | 2 | 9 | 8 | - | 9+ | 9+ | 6 | 6 | 9+ | 9+ | 8 | 9+ | 9+ | 9+ | 9 | 8 | 9+ | 8 | 9+ | 9 | 9 | 3 | - | 2 | 7 | - | 5 | 4 | - | 13 |
| 14 | 9 | 8 | - | 9+ | 9+ | 7 | 3 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9+ | 9+ | 6 | 9+ | 9+ | 9 | 9 | 4* | 9 | 8 | 9+ | 6 | 9 | 5* | - | 2 | 8 | - | 5 | 1 | - | 14 |
| 15 | 9 | 8 | - | 9+ | 9+ | 6 | 5 | 9 | 9 | - | 9+ | 9+ | 8 | 7 | 9 | 9+ | 5 | 9+ | 9+ | 9+ | 8 | 5* | 9 | 7 | 9 | 6 | 9 | 7* | - | 5 | 8 | 9 | 5 | - | 3* | 15 |
| 16 | 9 | 8 | - | 9+ | 9+ | 8 | 7 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 7 | 9+ | 5 | 9+ | 9 | 9+ | 7 | 2* | 8 | 8 | 5 | 6 | 9 | 6* | - | 2 | 8 | 8 | 5 | - | 2* | 16 |
| 17 | 9 | 8 | - | 9+ | 9+ | 8 | 7 | 9 | 9 | - | 9+ | 9+ | 9 | 8 | 3 | 9 | 7 | 9 | 6 | 9+ | 3 | - | 5 | 8 | 9 | 6 | 8 | 4* | - | - | 6 | 8 | 5 | - | 1* | 17 |
| 18 | 9 | 8 | - | 9+ | 9+ | 8 | 7 | 9+ | 9 | 1 | 9+ | 9+ | 8 | 8 | 8 | 8 | 8 | 8 | 6 | 9+ | 2 | - | 1 | 8 | 8 | 6 | 5 | 2* | - | - | 5 | 6 | 5 | 1* | - | 18 |
| 19 | 9+ | 8 | - | 9+ | 9+ | 8 | 5 | 9+ | 9 | 2 | 9+ | 9+ | 9 | 8 | 7 | 8 | 9 | 9 | 6 | 9+ | 3 | - | - | 8 | 9 | 6 | 6 | 2* | - | - | 4 | 1 | 5 | - | - | 19 |
| 20 | 9+ | 8 | - | 9+ | 9+ | 8 | 6 | 9+ | 9 | 5 | 9+ | 9+ | 9 | 8 | 6 | 8 | 9 | 8 | 6 | 9 | 4 | - | - | 8 | 9 | 6 | 4 | 1* | - | - | 2 | - | 5 | - | - | 20 |
| 21 | 9+ | 8 | 2 | 9+ | 9+ | 8 | 7 | 9+ | 9 | 7 | 9+ | 9+ | 8 | 8 | 5 | 6 | 9 | 7 | 6 | 9 | 4 | - | 2* | 7 | 7 | 6 | 2 | - | - | - | 1 | - | 5 | - | - | 21 |
| 22 | 9 | 8 | 5 | 9+ | 9+ | 8 | 9 | 9+ | 9 | 8 | 9+ | 9+ | 8 | 8 | 8 | 3 | 9 | 9 | 7 | 8 | 5 | - | 1* | 7 | 5 | 6 | 2 | - | - | - | - | 5 | - | - | 22 | |
| 23 | 9 | 7 | 7 | 9+ | 9+ | 2 | 9 | 9+ | 9 | 8 | 9+ | 9+ | 7 | 8 | 9 | 5 | 9 | 8 | 6 | 6 | 6 | - | 1* | 7 | 1 | 6 | - | - | - | - | - | 5 | - | - | 23 | |
| | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | EU | FE | SA | AF | AS | OC | NA | |