

# REGION TAMANART



430

1305

259 Km

74 Km/h



2022-02-21 10:00:00



31.132349, -9.69984



08:10,19:25

VITESSE



Lâcher REGION TAMANART , 430 Pig Admis, 33 %

| Cls | Nom                    | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef   |
|-----|------------------------|-------|-----|-------------|----------|----------|-----------------|--------|--------|
| 1   | 73-LOFT TOUFIK         | 9/12  | 1°  | 21.13:02:24 | 258.0726 | 1414.872 | 19-79***77<br>♂ | 100    | 0.0766 |
| 2   | 92_FAMILLE ATTAL MOUAD | 18/7  | 1°  | 21.13:03:46 | 259.767  | 1413.57  | 21-08***61<br>♀ | 99.923 | 0.1533 |
| 3   | 92_FAMILLE ATTAL MOUAD | 18/7  | 2°  | 21.13:03:55 | 259.767  | 1412.418 | 21-01***99<br>♂ | 99.847 | 0.2299 |
| 4   | 73-LOFT TOUFIK         | 9/12  | 2°  | 21.13:03:18 | 258.0726 | 1407.924 | 21-00***79<br>♂ | 99.77  | 0.3065 |
| 5   | 45-LOFT SOUFIANE KABAH | 17/22 | 1°  | 21.13:04:59 | 260.2857 | 1407.078 | 21-52***52<br>♂ | 99.694 | 0.3831 |
| 6   | 92_FAMILLE ATTAL MOUAD | 18/7  | 3°  | 21.13:04:40 | 259.767  | 1406.682 | 21-05***64<br>♀ | 99.617 | 0.4598 |
| 7   | 45-LOFT SOUFIANE KABAH | 17/22 | 2°  | 21.13:05:03 | 260.2857 | 1406.568 | 21-14***21<br>♀ | 99.54  | 0.5364 |
| 8   | 73-LOFT TOUFIK         | 9/12  | 3°  | 21.13:03:30 | 258.0726 | 1406.388 | 21-42***66<br>♂ | 99.464 | 0.613  |
| 9   | 73-LOFT TOUFIK         | 9/12  | 4°  | 21.13:03:37 | 258.0726 | 1405.494 | 20-89***90<br>♀ | 99.387 | 0.6897 |
| 10  | 45-LOFT SOUFIANE KABAH | 17/22 | 3°  | 21.13:05:15 | 260.2857 | 1405.05  | 21-52***55<br>♂ | 99.31  | 0.7663 |
| 11  | 45-LOFT SOUFIANE KABAH | 17/22 | 4°  | 21.13:05:31 | 260.2857 | 1403.034 | 21-14***26<br>♀ | 99.234 | 0.8429 |
| 12  | 32-LOFT FRERE          | 12/20 | 1°  | 21.13:06:48 | 261.9748 | 1402.434 | 21-36***32<br>♀ | 99.157 | 0.9195 |
| 13  | 32-LOFT FRERE          | 12/20 | 2°  | 21.13:06:52 | 261.9748 | 1401.936 | 17-03***26<br>♀ | 99.081 | 0.9962 |
| 14  | 28-LOFT FARID          | 16/32 | 1°  | 21.13:07:34 | 262.192  | 1397.862 | 21-63***33<br>♂ | 99.004 | 1.0728 |
| 15  | 28-LOFT FARID          | 16/32 | 2°  | 21.13:07:51 | 262.192  | 1395.75  | 21-22***48<br>♀ | 98.927 | 1.1494 |
| 16  | 24-LOFT AMJAD          | 2/22  | 1°  | 21.13:07:42 | 261.9428 | 1395.54  | 21-52***72<br>♀ | 98.851 | 1.2261 |
| 17  | 32-LOFT FRERE          | 12/20 | 3°  | 21.13:07:56 | 261.9748 | 1393.98  | 19-83***62<br>♀ | 98.774 | 1.3027 |
| 18  | 92_FAMILLE ATTAL MOUAD | 18/7  | 4°  | 21.13:06:49 | 259.767  | 1390.494 | 19-40***61<br>♀ | 98.697 | 1.3793 |
| 19  | 28-LOFT FARID          | 16/32 | 3°  | 21.13:08:40 | 262.192  | 1389.708 | 21-52***40<br>♀ | 98.621 | 1.4559 |
| 20  | 33-LOFT FRÈRE JENHANI  | 9/36  | 1°  | 21.13:08:50 | 262.268  | 1388.886 | 19-51***72<br>♀ | 98.544 | 1.5326 |
| 21  | 32-LOFT FRERE          | 12/20 | 4°  | 21.13:08:45 | 261.9748 | 1387.944 | 19-10***93<br>♂ | 98.467 | 1.6092 |

| Cls | Nom                     | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef   |
|-----|-------------------------|-------|-----|-------------|----------|----------|-----------------|--------|--------|
| 22  | 06-CHAMCHAKHI. FOUAD    | 6/21  | 1°  | 21.13:06:29 | 258.6966 | 1387.236 | 21-25***21<br>♀ | 98.391 | 1.6858 |
| 23  | 45-LOFT SOUFIANE KABA   | 17/22 | 5°  | 21.13:07:54 | 260.2857 | 1385.238 | 19-71***43<br>♂ | 98.314 | 1.7625 |
| 24  | LOFT MAHMOUD KOUTABI    | 11/17 | 1°  | 21.13:08:43 | 261.1742 | 1383.948 | 20-00***65<br>♀ | 98.238 | 1.8391 |
| 25  | LOFT MAHMOUD KOUTABI    | 11/17 | 2°  | 21.13:08:47 | 261.1742 | 1383.462 | 19-17***53<br>♂ | 98.161 | 1.9157 |
| 26  | LOFT MAHMOUD KOUTABI    | 11/17 | 3°  | 21.13:08:52 | 261.1742 | 1382.85  | 21-00***51<br>♀ | 98.084 | 1.9923 |
| 27  | LOFT MAHMOUD KOUTABI    | 11/17 | 4°  | 21.13:09:01 | 261.1742 | 1381.752 | 21-05***40<br>♂ | 98.008 | 2.069  |
| 28  | 45-LOFT SOUFIANE KABA   | 17/22 | 6°  | 21.13:08:24 | 260.2857 | 1381.56  | 21-52***48<br>♀ | 97.931 | 2.1456 |
| 29  | 80_BARBACH FAMILY LOFT  | 11/21 | 1°  | 21.13:09:14 | 261.3727 | 1381.218 | 21-01***13<br>♀ | 97.854 | 2.2222 |
| 30  | 45-LOFT SOUFIANE KABA   | 17/22 | 7°  | 21.13:08:38 | 260.2857 | 1379.85  | 21-14***29<br>♀ | 97.778 | 2.2989 |
| 31  | 32-LOFT FRERE           | 12/20 | 5°  | 21.13:09:59 | 261.9748 | 1378.938 | 21-19***87<br>♂ | 97.701 | 2.3755 |
| 32  | 80_BARBACH FAMILY LOFT  | 11/21 | 2°  | 21.13:09:43 | 261.3727 | 1377.702 | 21-01***12<br>♀ | 97.625 | 2.4521 |
| 33  | 52-LOFT MNAWER          | 7/23  | 1°  | 21.13:07:50 | 258.6962 | 1377.264 | 19-41***39<br>♀ | 97.548 | 2.5287 |
| 34  | 32-LOFT FRERE           | 12/20 | 6°  | 21.13:10:21 | 261.9748 | 1376.28  | 19-83***99<br>♂ | 97.471 | 2.6054 |
| 35  | 92_FAMILLE ATTAL MOUAD  | 18/7  | 5°  | 21.13:08:45 | 259.767  | 1376.25  | 21-31***44<br>♀ | 97.395 | 2.682  |
| 36  | 06-CHAMCHAKHI. FOUAD    | 6/21  | 2°  | 21.13:08:11 | 258.6966 | 1374.708 | 18-63***38<br>♀ | 97.318 | 2.7586 |
| 37  | 92_FAMILLE ATTAL MOUAD  | 18/7  | 6°  | 21.13:08:58 | 259.767  | 1374.672 | 20-51***90<br>♂ | 97.241 | 2.8352 |
| 38  | 104 IKHWAN BLHMIRA      | 9/28  | 1°  | 21.13:10:53 | 262.3554 | 1374.426 | 20-01***61<br>♂ | 97.165 | 2.9119 |
| 39  | 52-LOFT MNAWER          | 7/23  | 2°  | 21.13:08:37 | 258.6962 | 1371.546 | 21-52***63<br>♀ | 97.088 | 2.9885 |
| 40  | 79_BOUGHBA RAFIIE ZIYAD | 6/18  | 1°  | 21.13:07:46 | 256.5338 | 1366.236 | 19-62***04<br>♀ | 97.012 | 3.0651 |
| 41  | 92_FAMILLE ATTAL MOUAD  | 18/7  | 7°  | 21.13:10:15 | 259.767  | 1365.396 | 21-08***59<br>♀ | 96.935 | 3.1418 |
| 42  | 45-LOFT SOUFIANE KABA   | 17/22 | 8°  | 21.13:10:45 | 260.2857 | 1364.538 | 21-14***20<br>♂ | 96.858 | 3.2184 |
| 43  | 32-LOFT FRERE           | 12/20 | 7°  | 21.13:12:07 | 261.9748 | 1363.626 | 19-42***88<br>♂ | 96.782 | 3.295  |
| 44  | 44-LOFT SIDAWI BENHLIMA | 13/22 | 1°  | 21.13:12:28 | 262.2459 | 1362.552 | 19-35***27<br>♀ | 96.705 | 3.3716 |
| 45  | 92_FAMILLE ATTAL MOUAD  | 18/7  | 8°  | 21.13:10:49 | 259.767  | 1361.346 | 20-19***56<br>♀ | 96.628 | 3.4483 |
| 46  | 42-LOFT SAID KAMAL      | 7/19  | 1°  | 21.13:11:19 | 260.4123 | 1361.16  | 20-00***24<br>♀ | 96.552 | 3.5249 |
| 47  | ZAKARIA NAHI            | 4/7   | 1°  | 21.13:11:01 | 259.9154 | 1360.698 | 20-04***94<br>♀ | 96.475 | 3.6015 |

| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef   |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|--------|
| 48  | 92_FAMILLE ATTAL MOUAD   | 18/7  | 9°  | 21.13:10:55 | 259.767  | 1360.632 | 21-08***58<br>♂ | 96.399 | 3.6782 |
| 49  | 79_BOUGHBà RAFIIE ZIYAD  | 6/18  | 2°  | 21.13:08:41 | 256.5338 | 1359.6   | 19-04***53<br>♀ | 96.322 | 3.7548 |
| 50  | 28-LOFT FARID            | 16/32 | 4°  | 21.13:12:51 | 262.192  | 1359.564 | 21-22***45<br>♀ | 96.245 | 3.8314 |
| 51  | 43-LOFT SALAH            | 6/13  | 1°  | 21.13:11:40 | 260.3048 | 1358.112 | 20-49***17<br>♀ | 96.169 | 3.908  |
| 52  | 32-LOFT FRERE            | 12/20 | 8°  | 21.13:12:55 | 261.9748 | 1357.968 | 19-42***94<br>♂ | 96.092 | 3.9847 |
| 53  | 44-LOFT SIDAWI BENHLIMA  | 13/22 | 2°  | 21.13:13:08 | 262.2459 | 1357.848 | 21-20***39<br>♀ | 96.015 | 4.0613 |
| 54  | 92_FAMILLE ATTAL MOUAD   | 18/7  | 10° | 21.13:11:21 | 259.767  | 1357.548 | 20-19***61<br>♀ | 95.939 | 4.1379 |
| 55  | ZAKARIA NAHI             | 4/7   | 2°  | 21.13:11:33 | 259.9154 | 1356.906 | 21-16***67<br>♀ | 95.862 | 4.2146 |
| 56  | عبد الغاني عماد حجار-65  | 5/19  | 1°  | 21.13:13:01 | 261.7519 | 1356.108 | 19-94***92<br>♀ | 95.785 | 4.2912 |
| 57  | 32-LOFT FRERE            | 12/20 | 9°  | 21.13:13:13 | 261.9748 | 1355.862 | 21-39***56<br>♀ | 95.709 | 4.3678 |
| 58  | 92_FAMILLE ATTAL MOUAD   | 18/7  | 11° | 21.13:11:38 | 259.767  | 1355.544 | 19-79***54<br>♀ | 95.632 | 4.4444 |
| 59  | 52-LOFT MNAWER           | 7/23  | 3°  | 21.13:10:53 | 258.6962 | 1355.256 | 20-49***87<br>♂ | 95.556 | 4.5211 |
| 60  | 73-LOFT TOUFIK           | 9/12  | 5°  | 21.13:10:32 | 258.0726 | 1354.476 | 19-92***92<br>♀ | 95.479 | 4.5977 |
| 61  | 73-LOFT TOUFIK           | 9/12  | 6°  | 21.13:10:39 | 258.0726 | 1353.648 | 18-17***23<br>♀ | 95.402 | 4.6743 |
| 62  | 80_BARBACH FAMILY LOFT   | 11/21 | 3°  | 21.13:13:07 | 261.3727 | 1353.444 | 21-01***16<br>♀ | 95.326 | 4.751  |
| 63  | 45-LOFT SOUFIANE KABAH   | 17/22 | 9°  | 21.13:12:24 | 260.2857 | 1352.838 | 21-14***28<br>♂ | 95.249 | 4.8276 |
| 64  | 92_FAMILLE ATTAL MOUAD   | 18/7  | 12° | 21.13:12:03 | 259.767  | 1352.598 | 21-31***45<br>♀ | 95.172 | 4.9042 |
| 65  | 79_BOUGHBà RAFIIE ZIYAD  | 6/18  | 3°  | 21.13:09:41 | 256.5338 | 1352.43  | 21-16***28<br>♀ | 95.096 | 4.9808 |
| 66  | 42-LOFT SAID KAMAL       | 7/19  | 2°  | 21.13:12:34 | 260.4123 | 1352.322 | 21-79***91<br>♀ | 95.019 | 5.0575 |
| 67  | إخوان بنعثمان 103        | 7/30  | 1°  | 21.13:13:42 | 261.5908 | 1350.492 | 21-72***30<br>♂ | 94.943 | 5.1341 |
| 68  | إخوان حجار-62            | 6/10  | 1°  | 21.13:14:13 | 262.2711 | 1350.402 | 21-13***55<br>♂ | 94.866 | 5.2107 |
| 69  | LOFT ABDO MAZAGAN        | 10/17 | 1°  | 21.13:12:16 | 259.5802 | 1350.108 | 21-03***73<br>♂ | 94.789 | 5.2874 |
| 70  | 30-LOFT FRERE LA KHOUATI | 14/45 | 1°  | 21.13:13:32 | 261.2776 | 1350.042 | 20-31***73<br>♂ | 94.713 | 5.364  |
| 71  | 45-LOFT SOUFIANE KABAH   | 17/22 | 10° | 21.13:12:48 | 260.2857 | 1350.03  | 21-14***27<br>♂ | 94.636 | 5.4406 |
| 72  | 28-LOFT FARID            | 16/32 | 5°  | 21.13:14:15 | 262.192  | 1349.766 | 21-14***68<br>♂ | 94.559 | 5.5172 |
| 73  | 32-LOFT FRERE            | 12/20 | 10° | 21.13:14:10 | 261.9748 | 1349.226 | 21-07***41<br>♂ | 94.483 | 5.5939 |
| 74  | 45-LOFT SOUFIANE KABAH   | 17/22 | 11° | 21.13:12:59 | 260.2857 | 1348.746 | 21-16***98<br>♂ | 94.406 | 5.6705 |

| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef   |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|--------|
| 75  | 79_BOUGHBA RAFIIE ZIYAD  | 6/18  | 4°  | 21.13:10:13 | 256.5338 | 1348.638 | 19-62***07<br>♀ | 94.33  | 5.7471 |
| 76  | 50-MAATI SAFARI          | 6/33  | 1°  | 21.13:12:30 | 259.4918 | 1348.008 | 21-33***56<br>♀ | 94.253 | 5.8238 |
| 77  | 23-LOFT ACHRAF RW        | 11/21 | 1°  | 21.13:11:30 | 258.1307 | 1347.942 | 20-15***23<br>♂ | 94.176 | 5.9004 |
| 78  | 74- LOFT AYOUB AMMAR     | 8/7   | 1°  | 21.13:12:08 | 258.8528 | 1347.258 | 20-00***66<br>♀ | 94.1   | 5.977  |
| 79  | 92_FAMILLE ATTAL MOUAD   | 18/7  | 13° | 21.13:12:49 | 259.767  | 1347.222 | 21-22***09<br>♀ | 94.023 | 6.0536 |
| 80  | 05-BENDAMI SOLTANA       | 4/9   | 1°  | 21.13:12:37 | 259.4957 | 1347.216 | 21-06***85<br>♀ | 93.946 | 6.1303 |
| 81  | 23-LOFT ACHRAF RW        | 11/21 | 2°  | 21.13:11:37 | 258.1307 | 1347.12  | 20-05***72<br>♂ | 93.87  | 6.2069 |
| 82  | LOFT ABDO MAZAGAN        | 10/17 | 2°  | 21.13:12:47 | 259.5802 | 1346.484 | 21-11***47<br>♀ | 93.793 | 6.2835 |
| 83  | 30-LOFT FRERE LA KHOUATI | 14/45 | 2°  | 21.13:14:03 | 261.2776 | 1346.442 | 13-09***12<br>♂ | 93.717 | 6.3602 |
| 84  | 23-LOFT ACHRAF RW        | 11/21 | 3°  | 21.13:11:43 | 258.1307 | 1346.418 | 21-35***78<br>♂ | 93.64  | 6.4368 |
| 85  | OTHMAN ARISSI            | 6/24  | 1°  | 21.13:12:11 | 258.6987 | 1346.106 | 21-13***71<br>♀ | 93.563 | 6.5134 |
| 86  | 05-BENDAMI SOLTANA       | 4/9   | 2°  | 21.13:12:47 | 259.4957 | 1346.046 | 20-68***04<br>♀ | 93.487 | 6.59   |
| 87  | FÉRIÉ SIDARE             | 9/17  | 1°  | 21.13:13:04 | 259.5802 | 1344.51  | 21-49***55<br>♀ | 93.41  | 6.6667 |
| 88  | ابو مصطفى كيدن-63        | 6/13  | 1°  | 21.13:12:12 | 258.3766 | 1344.312 | 20-00***93<br>♂ | 93.333 | 6.7433 |
| 89  | 92_FAMILLE ATTAL MOUAD   | 18/7  | 14° | 21.13:13:16 | 259.767  | 1344.084 | 19-04***48<br>♀ | 93.257 | 6.8199 |
| 90  | 104 IKHWAN BLHMIRA       | 9/28  | 2°  | 21.13:15:15 | 262.3554 | 1343.688 | 20-01***31<br>♂ | 93.18  | 6.8966 |
| 91  | 75:                      | 8/7   | 1°  | 21.13:14:32 | 261.3728 | 1343.586 | 21-34***49<br>♀ | 93.103 | 6.9732 |
| 92  | إخوان حجار-62            | 6/10  | 2°  | 21.13:15:18 | 262.2711 | 1342.914 | 21-02***94<br>♀ | 93.027 | 7.0498 |
| 93  | 06-CHAMCHAKHI. FOUAD     | 6/21  | 3°  | 21.13:12:39 | 258.6966 | 1342.83  | 18-41***49<br>♀ | 92.95  | 7.1264 |
| 94  | 28-LOFT FARID            | 16/32 | 6°  | 21.13:15:19 | 262.192  | 1342.392 | 19-87***96<br>♀ | 92.874 | 7.2031 |
| 95  | 50-MAATI SAFARI          | 6/33  | 2°  | 21.13:13:20 | 259.4918 | 1342.2   | 19-04***02<br>♀ | 92.797 | 7.2797 |
| 96  | 02-ABDILAH BOUFAN        | 6/17  | 1°  | 21.13:13:25 | 259.4638 | 1341.474 | 21-09***00<br>♂ | 92.72  | 7.3563 |
| 97  | إخوان بنعثمان 103        | 7/30  | 2°  | 21.13:15:05 | 261.5908 | 1340.916 | 21-72***26<br>♀ | 92.644 | 7.433  |
| 98  | 10-FRÉRE BALOUTI         | 7/23  | 1°  | 21.13:13:35 | 259.4755 | 1340.382 | 21-11***94<br>♂ | 92.567 | 7.5096 |
| 99  | 34-LOFT H.B.S            | 7/10  | 1°  | 21.13:15:12 | 261.6411 | 1340.376 | 21-43***06<br>♂ | 92.49  | 7.5862 |
| 100 | LOFT MAHMOUD KOUTABI     | 11/17 | 5°  | 21.13:14:55 | 261.1742 | 1339.926 | 20-05***02<br>♀ | 92.414 | 7.6628 |
| 101 | 42-LOFT SAID KAMAL       | 7/19  | 3°  | 21.13:14:23 | 260.4123 | 1339.686 | 19-02***02<br>♀ | 92.337 | 7.7395 |
| 102 | LOFT ABDO MAZAGAN        | 10/17 | 3°  | 21.13:13:47 | 259.5802 | 1339.536 | 21-03***64<br>♂ | 92.261 | 7.8161 |

| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef   |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|--------|
| 103 | 74- LOFT AYOUB AMMAR     | 8/7   | 2°  | 21.13:13:17 | 258.8528 | 1339.242 | 19-13***22<br>♂ | 92.184 | 7.8927 |
| 104 | OTHMAN ARISSI            | 6/24  | 2°  | 21.13:13:11 | 258.6987 | 1339.134 | 21-09***42<br>♂ | 92.107 | 7.9693 |
| 105 | 52-LOFT MNAWER           | 7/23  | 4°  | 21.13:13:11 | 258.6962 | 1339.122 | 21-23***02<br>♀ | 92.031 | 8.046  |
| 106 | 30-LOFT FRERE LA KHOUATI | 14/45 | 3°  | 21.13:15:21 | 261.2776 | 1337.484 | 19-18***19<br>♂ | 91.954 | 8.1226 |
| 107 | إخوان بنعثمان 103        | 7/30  | 3°  | 21.13:15:37 | 261.5908 | 1337.262 | 21-72***66<br>♂ | 91.877 | 8.1992 |
| 108 | عبد الغاني عماد حجار-65  | 5/19  | 2°  | 21.13:15:49 | 261.7519 | 1336.722 | 19-54***40<br>♀ | 91.801 | 8.2759 |
| 109 | ابو مصطفى كيدن-63        | 6/13  | 2°  | 21.13:13:18 | 258.3766 | 1336.662 | 21-23***64<br>♂ | 91.724 | 8.3525 |
| 110 | 18-KARIM LOFT            | 10/15 | 1°  | 21.13:14:58 | 260.5275 | 1336.266 | 21-91***54<br>♂ | 91.648 | 8.4291 |
| 111 | 28-LOFT FARID            | 16/32 | 7°  | 21.13:16:22 | 262.192  | 1335.216 | 21-63***29<br>♀ | 91.571 | 8.5057 |
| 112 | 74- LOFT AYOUB AMMAR     | 8/7   | 3°  | 21.13:13:52 | 258.8528 | 1335.21  | 19-20***23<br>♂ | 91.494 | 8.5824 |
| 113 | OTHMAN ARISSI            | 6/24  | 3°  | 21.13:14:01 | 258.6987 | 1333.386 | 21-20***12<br>♀ | 91.418 | 8.659  |
| 114 | 04-AHMED DAHMAZ          | 5/13  | 1°  | 21.13:15:29 | 260.5669 | 1332.936 | 21-08***64<br>♂ | 91.341 | 8.7356 |
| 115 | 52-LOFT MNAWER           | 7/23  | 5°  | 21.13:14:08 | 258.6962 | 1332.57  | 21-52***97<br>♂ | 91.264 | 8.8123 |
| 116 | 12-FRÉRES SMIHI          | 10/0  | 1°  | 21.13:13:40 | 258.0283 | 1332.33  | 21-00***93<br>♀ | 91.188 | 8.8889 |
| 117 | 11-FRERE REDIANE         | 10/25 | 1°  | 21.13:14:10 | 258.5539 | 1331.61  | 20-47***59<br>♀ | 91.111 | 8.9655 |
| 118 | 18-KARIM LOFT            | 10/15 | 2°  | 21.13:15:44 | 260.5275 | 1331.034 | 21-03***22<br>♀ | 91.035 | 9.0421 |
| 119 | 28-LOFT FARID            | 16/32 | 8°  | 21.13:17:04 | 262.192  | 1330.476 | 21-19***06<br>♀ | 90.958 | 9.1188 |
| 120 | FÉRIé SIDARE             | 9/17  | 2°  | 21.13:15:17 | 259.5802 | 1329.252 | 21-11***97<br>♀ | 90.881 | 9.1954 |
| 121 | إخوان بنعثمان 103        | 7/30  | 4°  | 21.13:16:52 | 261.5908 | 1328.772 | 21-72***61<br>♂ | 90.805 | 9.272  |
| 122 | 104 IKHWAN BLHMIRA       | 9/28  | 3°  | 21.13:17:39 | 262.3554 | 1327.374 | 20-09***65<br>♂ | 90.728 | 9.3487 |
| 123 | 80_BARBACH FAMILY LOFT   | 11/21 | 4°  | 21.13:16:57 | 261.3727 | 1327.104 | 21-01***07<br>♀ | 90.651 | 9.4253 |
| 124 | 44-LOFT SIDAWI BENHLIMA  | 13/22 | 3°  | 21.13:17:40 | 262.2459 | 1326.708 | 20-05***77<br>♀ | 90.575 | 9.5019 |
| 125 | 15-GHANI ZOUHIR          | 7/28  | 1°  | 21.13:15:13 | 258.9922 | 1326.69  | 21-00***45<br>♂ | 90.498 | 9.5785 |
| 126 | 04-AHMED DAHMAZ          | 5/13  | 2°  | 21.13:16:29 | 260.5669 | 1326.15  | 21-08***91<br>♂ | 90.422 | 9.6552 |
| 127 | 44-LOFT SIDAWI BENHLIMA  | 13/22 | 4°  | 21.13:17:47 | 262.2459 | 1325.928 | 21-91***91<br>♀ | 90.345 | 9.7318 |
| 128 | 06-CHAMCHAKHI. FOUAD     | 6/21  | 4°  | 21.13:15:08 | 258.6966 | 1325.742 | 19-80***22<br>♀ | 90.268 | 9.8084 |
| 129 | 79_BOUGHBà RAFIIE ZIYAD  | 6/18  | 5°  | 21.13:13:31 | 256.5338 | 1325.64  | 19-44***09<br>♂ | 90.192 | 9.8851 |
| 130 | 21-LOFT ABDEMOTALIB      | 10/33 | 1°  | 21.13:16:35 | 260.5589 | 1325.436 | 20-50***65<br>♂ | 90.115 | 9.9617 |

| Cls | Nom                       | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|---------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 131 | 75:                       | 8/7   | 2°  | 21.13:17:25 | 261.3728 | 1323.966 | 21-86***00<br>♀ | 90.038 | 10.0383 |
| 132 | 45-LOFT SOUFIANE KABA     | 17/22 | 12° | 21.13:16:41 | 260.2857 | 1323.372 | 21-14***43<br>♀ | 89.962 | 10.1149 |
| 133 | 75:                       | 8/7   | 3°  | 21.13:17:34 | 261.3728 | 1322.958 | 21-01***14<br>♀ | 89.885 | 10.1916 |
| 134 | 15-GHANI ZOUHIR           | 7/28  | 2°  | 21.13:15:48 | 258.9922 | 1322.736 | 20-21***85<br>♂ | 89.808 | 10.2682 |
| 135 | 50-MAATI SAFARI           | 6/33  | 3°  | 21.13:16:11 | 259.4918 | 1322.7   | 21-08***57<br>♂ | 89.732 | 10.3448 |
| 136 | LOFT ABDO MAZAGAN         | 10/17 | 4°  | 21.13:16:23 | 259.5802 | 1321.806 | 21-11***1♀      | 89.655 | 10.4215 |
| 137 | 15-GHANI ZOUHIR           | 7/28  | 3°  | 21.13:15:57 | 258.9922 | 1321.728 | 20-33***46<br>♂ | 89.579 | 10.4981 |
| 138 | 52-LOFT MNAWER            | 7/23  | 6°  | 21.13:15:44 | 258.6962 | 1321.68  | 21-23***11<br>♀ | 89.502 | 10.5747 |
| 138 | 52-LOFT MNAWER            | 7/23  | 7°  | 21.13:15:44 | 258.6962 | 1321.68  | 19-82***81<br>♀ | 89.502 | 10.5747 |
| 140 | 13-FRÉRES ZERDAMI         | 5/0   | 1°  | 21.13:14:58 | 257.6533 | 1321.524 | 19-90***03<br>♂ | 89.349 | 10.728  |
| 141 | 10-FRÉRE BALOUTI          | 7/23  | 2°  | 21.13:16:26 | 259.4755 | 1320.936 | 21-35***21<br>♀ | 89.272 | 10.8046 |
| 142 | 92_FAMILLE ATTAL MOUAD    | 18/7  | 15° | 21.13:16:44 | 259.767  | 1320.402 | 21-31***43<br>♀ | 89.195 | 10.8812 |
| 143 | LOFT ABDO MAZAGAN         | 10/17 | 5°  | 21.13:16:37 | 259.5802 | 1320.234 | 21-11***6♀      | 89.119 | 10.9579 |
| 144 | 10-FRÉRE BALOUTI          | 7/23  | 3°  | 21.13:16:33 | 259.4755 | 1320.15  | 19-33***62<br>♀ | 89.042 | 11.0345 |
| 145 | OTHMAN ARISSI             | 6/24  | 4°  | 21.13:16:07 | 258.6987 | 1319.106 | 21-30***23<br>♂ | 88.966 | 11.1111 |
| 146 | 44-LOFT SIDAWI BENHLIMA   | 13/22 | 5°  | 21.13:18:51 | 262.2459 | 1318.812 | 21-99***8♀      | 88.889 | 11.1877 |
| 147 | 12-FRÉRES SMIHI           | 10/0  | 2°  | 21.13:15:43 | 258.0283 | 1318.374 | 21-00***83<br>♀ | 88.812 | 11.2644 |
| 148 | 48-LOFTE.H.K              | 8/0   | 1°  | 21.13:17:26 | 260.1451 | 1317.636 | 19-06***71<br>♂ | 88.736 | 11.341  |
| 149 | 92_FAMILLE ATTAL MOUAD    | 18/7  | 16° | 21.13:17:09 | 259.767  | 1317.612 | 21-05***63<br>♀ | 88.659 | 11.4176 |
| 150 | 18-KARIM LOFT             | 10/15 | 3°  | 21.13:17:44 | 260.5275 | 1317.57  | 21-44***68<br>♂ | 88.582 | 11.4943 |
| 151 | 43-LOFT SALAH             | 6/13  | 2°  | 21.13:17:52 | 260.3048 | 1315.554 | 20-44***08<br>♀ | 88.506 | 11.5709 |
| 152 | IKHWANE YASSINE/ACHRAF 01 | 2/16  | 1°  | 21.13:19:23 | 262.2304 | 1315.206 | 21-98***81<br>♀ | 88.429 | 11.6475 |
| 153 | 18-KARIM LOFT             | 10/15 | 4°  | 21.13:18:08 | 260.5275 | 1314.912 | 18-62***77<br>♀ | 88.353 | 11.7241 |
| 154 | 11-FRERE REDIANE          | 10/25 | 2°  | 21.13:16:40 | 258.5539 | 1314.678 | 21-38***23<br>♂ | 88.276 | 11.8008 |
| 155 | 10-FRÉRE BALOUTI          | 7/23  | 4°  | 21.13:17:36 | 259.4755 | 1313.136 | 21-33***78<br>♀ | 88.199 | 11.8774 |
| 156 | 18-KARIM LOFT             | 10/15 | 5°  | 21.13:18:26 | 260.5275 | 1312.92  | 21-03***26<br>♂ | 88.123 | 11.954  |
| 157 | 66-YOUSSEF YASSINE        | 5/20  | 1°  | 21.13:19:31 | 261.8732 | 1312.536 | 18-13***68<br>♀ | 88.046 | 12.0307 |
| 158 | 79_BOUGHBA RAFIIE ZIYAD   | 6/18  | 6°  | 21.13:15:28 | 256.5338 | 1312.416 | 21-16***69<br>♀ | 87.969 | 12.1073 |
| 159 | LOFT MAHMOUD KOUTABI      | 11/17 | 6°  | 21.13:19:01 | 261.1742 | 1312.326 | 21-38***54<br>♂ | 87.893 | 12.1839 |



| Cls | Nom                     | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|-------------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 160 | 19-KOUCHI               | 3/14  | 1°  | 21.13:19:12 | 261.3091 | 1311.792 | 21-36***07♂ | 87.816 | 12.2605 |
| 161 | 73-LOFT TOUFIK          | 9/12  | 7°  | 21.13:16:44 | 258.0726 | 1311.786 | 21-09***48♂ | 87.74  | 12.3372 |
| 162 | 06-CHAMCHAKHI. FOUAD    | 6/21  | 5°  | 21.13:17:13 | 258.6966 | 1311.738 | 21-86***16♀ | 87.663 | 12.4138 |
| 163 | 23-LOFT ACHRAF RW       | 11/21 | 4°  | 21.13:16:51 | 258.1307 | 1311.306 | 21-35***79♀ | 87.586 | 12.4904 |
| 164 | 50-MAATI SAFARI         | 6/33  | 4°  | 21.13:17:54 | 259.4918 | 1311.228 | 21-42***77♀ | 87.51  | 12.567  |
| 165 | 43-LOFT SALAH           | 6/13  | 3°  | 21.13:18:32 | 260.3048 | 1311.138 | 19-59***26♂ | 87.433 | 12.6437 |
| 166 | OTHMAN ARISSI           | 6/24  | 5°  | 21.13:17:20 | 258.6987 | 1310.976 | 21-30***22♀ | 87.356 | 12.7203 |
| 167 | 23-LOFT ACHRAF RW       | 11/21 | 5°  | 21.13:16:56 | 258.1307 | 1310.754 | 21-35***77♀ | 87.28  | 12.7969 |
| 168 | 28-LOFT FARID           | 16/32 | 9°  | 21.13:20:04 | 262.192  | 1310.526 | 21-22***47♀ | 87.203 | 12.8736 |
| 169 | 73-LOFT TOUFIK          | 9/12  | 8°  | 21.13:17:00 | 258.0726 | 1310.016 | 19-80***50♀ | 87.126 | 12.9502 |
| 170 | 02-ABDILAH BOUFAN       | 6/17  | 2°  | 21.13:18:08 | 259.4638 | 1309.542 | 21-27***54♀ | 87.05  | 13.0268 |
| 171 | OTHMAN ARISSI           | 6/24  | 6°  | 21.13:17:37 | 258.6987 | 1309.092 | 21-30***21♂ | 86.973 | 13.1034 |
| 172 | 50-MAATI SAFARI         | 6/33  | 5°  | 21.13:18:22 | 259.4918 | 1308.144 | 20-03***92♀ | 86.897 | 13.1801 |
| 173 | 04-AHMED DAHMAZ         | 5/13  | 3°  | 21.13:19:12 | 260.5669 | 1308.066 | 21-08***63♂ | 86.82  | 13.2567 |
| 173 | 44-LOFT SIDAWI BENHLIMA | 13/22 | 6°  | 21.13:20:29 | 262.2459 | 1308.066 | 19-19***67♀ | 86.82  | 13.2567 |
| 175 | 23-LOFT ACHRAF RW       | 11/21 | 6°  | 21.13:17:21 | 258.1307 | 1307.982 | 20-02***08♂ | 86.667 | 13.41   |
| 176 | 24-LOFT AMJAD           | 2/22  | 2°  | 21.13:20:21 | 261.9428 | 1307.424 | 20-21***46♀ | 86.59  | 13.4866 |
| 177 | LOFT ABDO MAZAGAN       | 10/17 | 6°  | 21.13:18:33 | 259.5802 | 1307.382 | 20-34***25♂ | 86.513 | 13.5632 |
| 178 | 32-LOFT FRERE           | 12/20 | 11° | 21.13:20:27 | 261.9748 | 1306.932 | 21-36***33♀ | 86.437 | 13.6398 |
| 179 | FÉRIé SIDARE            | 9/17  | 3°  | 21.13:18:38 | 259.5802 | 1306.83  | 21-44***68♂ | 86.36  | 13.7165 |
| 179 | 15-GHANI ZOUHIR         | 7/28  | 4°  | 21.13:18:11 | 258.9922 | 1306.83  | 21-39***38♂ | 86.36  | 13.7165 |
| 181 | 75:                     | 8/7   | 4°  | 21.13:20:06 | 261.3728 | 1306.212 | 21-01***07♂ | 86.207 | 13.8697 |
| 182 | 74- LOFT AYOUB AMMAR    | 8/7   | 4°  | 21.13:18:11 | 258.8528 | 1306.128 | 19-06***97♀ | 86.13  | 13.9464 |
| 183 | 74- LOFT AYOUB AMMAR    | 8/7   | 5°  | 21.13:18:16 | 258.8528 | 1305.576 | 19-32***03♀ | 86.054 | 14.023  |
| 184 | إخوان حجار-62           | 6/10  | 3°  | 21.13:21:00 | 262.2711 | 1304.832 | 21-02***79♂ | 85.977 | 14.0996 |
| 185 | 02-ABDILAH BOUFAN       | 6/17  | 3°  | 21.13:18:51 | 259.4638 | 1304.82  | 21-27***07♂ | 85.9   | 14.1762 |
| 186 | YOUNES HASSANI          | 3/12  | 1°  | 21.13:18:59 | 259.428  | 1303.77  | 20-00***61♂ | 85.824 | 14.2529 |
| 187 | 12-FRÉRES SMIHI         | 10/0  | 3°  | 21.13:17:55 | 258.0283 | 1303.722 | 16-00***8♀  | 85.747 | 14.3295 |
| 188 | 34-LOFT H.B.S           | 7/10  | 2°  | 21.13:20:44 | 261.6411 | 1303.428 | 19-12***02♀ | 85.671 | 14.4061 |

| Cls | Nom                     | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|-------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 189 | 10-FRÉRE BALOUTI        | 7/23  | 5°  | 21.13:19:05 | 259.4755 | 1303.35  | 21-44***54<br>♂ | 85.594 | 14.4828 |
| 190 | HOUSSINE SABRANI        | 3/22  | 1°  | 21.13:20:22 | 261.1305 | 1303.266 | 19-59***99<br>♂ | 85.517 | 14.5594 |
| 191 | ZAKARIA NAHI            | 4/7   | 3°  | 21.13:19:28 | 259.9154 | 1303.05  | 20-29***57<br>♀ | 85.441 | 14.636  |
| 192 | 34-LOFT H.B.S           | 7/10  | 3°  | 21.13:20:49 | 261.6411 | 1302.888 | 19-47***47<br>♂ | 85.364 | 14.7126 |
| 193 | 74- LOFT AYOUB AMMAR    | 8/7   | 6°  | 21.13:18:42 | 258.8528 | 1302.732 | 18-07***41<br>♀ | 85.287 | 14.7893 |
| 194 | 28-LOFT FARID           | 16/32 | 10° | 21.13:21:17 | 262.192  | 1302.6   | 16-52***26<br>♀ | 85.211 | 14.8659 |
| 195 | 48-LOFTE.H.K            | 8/0   | 2°  | 21.13:19:45 | 260.1451 | 1302.354 | 21-88***58<br>♀ | 85.134 | 14.9425 |
| 196 | LOFT ABDO MAZAGAN       | 10/17 | 7°  | 21.13:19:21 | 259.5802 | 1302.132 | 19-67***96<br>♀ | 85.058 | 15.0192 |
| 197 | 97_VINAS MALKI          | 1/31  | 1°  | 21.13:20:40 | 261.2911 | 1302.114 | 19-08***56<br>♀ | 84.981 | 15.0958 |
| 198 | 15-GHANI ZOUHIR         | 7/28  | 5°  | 21.13:18:55 | 258.9922 | 1302.012 | 21-28***55<br>♀ | 84.904 | 15.1724 |
| 199 | 45-LOFT SOUFIANE KABAHA | 17/22 | 13° | 21.13:19:56 | 260.2857 | 1301.862 | 21-14***47<br>♀ | 84.828 | 15.249  |
| 200 | 68-روصافي               | 3/24  | 1°  | 21.13:21:33 | 262.3389 | 1301.604 | 21-46***13<br>♀ | 84.751 | 15.3257 |
| 201 | 21-LOFT ABDEMOTALIB     | 10/33 | 2°  | 21.13:20:13 | 260.5589 | 1301.382 | 19-17***35<br>♀ | 84.674 | 15.4023 |
| 202 | 21-LOFT ABDEMOTALIB     | 10/33 | 3°  | 21.13:20:16 | 260.5589 | 1301.058 | 19-04***43<br>♀ | 84.598 | 15.4789 |
| 203 | 54-NISSOUL MOHAAIMDAT   | 7/28  | 1°  | 21.13:21:12 | 261.6095 | 1300.248 | 19-11***82<br>♀ | 84.521 | 15.5556 |
| 204 | 45-LOFT SOUFIANE KABAHA | 17/22 | 14° | 21.13:20:11 | 260.2857 | 1300.236 | 21-52***51<br>♂ | 84.444 | 15.6322 |
| 205 | LOFT MAHMOUD KOUTABI    | 11/17 | 7°  | 21.13:20:55 | 261.1742 | 1299.912 | 20-04***11<br>♀ | 84.368 | 15.7088 |
| 206 | LOFT MAHMOUD KOUTABI    | 11/17 | 8°  | 21.13:20:58 | 261.1742 | 1299.588 | 21-99***27<br>♀ | 84.291 | 15.7854 |
| 207 | 54-NISSOUL MOHAAIMDAT   | 7/28  | 2°  | 21.13:21:19 | 261.6095 | 1299.492 | 19-40***41<br>♂ | 84.215 | 15.8621 |
| 208 | 50-MAATI SAFARI         | 6/33  | 6°  | 21.13:19:42 | 259.4918 | 1299.408 | 19-60***84<br>♂ | 84.138 | 15.9387 |
| 209 | 28-LOFT FARID           | 16/32 | 11° | 21.13:21:48 | 262.192  | 1299.264 | 21-19***13<br>♂ | 84.061 | 16.0153 |
| 210 | 43-LOFT SALAH           | 6/13  | 4°  | 21.13:20:26 | 260.3048 | 1298.712 | 20-51***68<br>♂ | 83.985 | 16.092  |
| 211 | 04-AHMED DAHMAZ         | 5/13  | 4°  | 21.13:20:40 | 260.5669 | 1298.508 | 21-08***72<br>♂ | 83.908 | 16.1686 |
| 212 | 103-إخوان بنعثمان       | 7/30  | 5°  | 21.13:21:30 | 261.5908 | 1298.22  | 19-32***80<br>♀ | 83.831 | 16.2452 |
| 213 | 19-KOUCHI               | 3/14  | 2°  | 21.13:21:21 | 261.3091 | 1297.788 | 21-08***97<br>♀ | 83.755 | 16.3218 |
| 214 | 26-LOFT AYOUB           | 4/19  | 1°  | 21.13:21:37 | 261.6484 | 1297.752 | 19-53***21<br>♀ | 83.678 | 16.3985 |
| 215 | 11-FRERE REDIANE        | 10/25 | 3°  | 21.13:19:18 | 258.5539 | 1297.308 | 21-39***88<br>♀ | 83.602 | 16.4751 |
| 216 | 18-KARIM LOFT           | 10/15 | 6°  | 21.13:20:50 | 260.5275 | 1297.23  | 19-72***09<br>♀ | 83.525 | 16.5517 |



| Cls | Nom                       | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|---------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 217 | 73-LOFT TOUFIK            | 9/12  | 9°  | 21.13:18:57 | 258.0726 | 1297.176 | 20-89***91<br>♀ | 83.448 | 16.6284 |
| 218 | 80_BARBACH FAMILY<br>LOFT | 11/21 | 5°  | 21.13:21:31 | 261.3727 | 1297.026 | 19-19***23<br>♂ | 83.372 | 16.705  |
| 219 | 36-LOFT JALAL             | 6/18  | 1°  | 21.13:21:05 | 260.8053 | 1297.002 | 19-83***51<br>♂ | 83.295 | 16.7816 |
| 220 | 20-LA FAMILLE ALI 03      | 2/8   | 1°  | 21.13:20:05 | 259.5014 | 1296.966 | 19-40***88<br>♀ | 83.218 | 16.8582 |
| 221 | 104 IKHWAN BLHMIRA        | 9/28  | 4°  | 21.13:22:18 | 262.3554 | 1296.864 | 21-99***06<br>♂ | 83.142 | 16.9349 |
| 222 | 10-FRÈRE BALOUTI          | 7/23  | 6°  | 21.13:20:07 | 259.4755 | 1296.618 | 21-02***55<br>♀ | 83.065 | 17.0115 |
| 223 | LOFT MAHMOUD<br>KOUTABI   | 11/17 | 9°  | 21.13:21:30 | 261.1742 | 1296.15  | 19-18***01<br>♀ | 82.989 | 17.0881 |
| 224 | 36-LOFT JALAL             | 6/18  | 2°  | 21.13:21:19 | 260.8053 | 1295.496 | 21-34***67<br>♂ | 82.912 | 17.1648 |
| 225 | 45-LOFT SOUFIANE<br>KABAH | 17/22 | 15° | 21.13:20:58 | 260.2857 | 1295.166 | 21-14***44<br>♂ | 82.835 | 17.2414 |
| 226 | 33-LOFT FRÈRE JENHANI     | 9/36  | 2°  | 21.13:22:32 | 262.268  | 1294.938 | 20-38***02<br>♀ | 82.759 | 17.318  |
| 227 | 36-LOFT JALAL             | 6/18  | 3°  | 21.13:21:26 | 260.8053 | 1294.746 | 19-80***40<br>♂ | 82.682 | 17.3946 |
| 228 | 34-LOFT H.B.S             | 7/10  | 4°  | 21.13:22:11 | 261.6411 | 1294.08  | 19-11***39<br>♀ | 82.605 | 17.4713 |
| 229 | 11-FRERE REDIANE          | 10/25 | 4°  | 21.13:19:50 | 258.5539 | 1293.846 | 15-01***25<br>♂ | 82.529 | 17.5479 |
| 230 | FÉRIÉ SIDARE              | 9/17  | 4°  | 21.13:20:38 | 259.5802 | 1293.804 | 19-04***78<br>♀ | 82.452 | 17.6245 |
| 231 | 36-LOFT JALAL             | 6/18  | 4°  | 21.13:21:38 | 260.8053 | 1293.462 | 21-36***16<br>♂ | 82.376 | 17.7011 |
| 232 | FÉRIÉ SIDARE              | 9/17  | 5°  | 21.13:20:43 | 259.5802 | 1293.264 | 21-08***36<br>♂ | 82.299 | 17.7778 |
| 233 | ابو مصطفى كيدن-63         | 6/13  | 3°  | 21.13:19:52 | 258.3766 | 1292.742 | 21-23***60<br>♂ | 82.222 | 17.8544 |
| 234 | LOFT ABDO MAZAGAN         | 10/17 | 8°  | 21.13:20:56 | 259.5802 | 1291.872 | 21-10***1♂      | 82.146 | 17.931  |
| 235 | 32-LOFT FRERE             | 12/20 | 12° | 21.13:22:54 | 261.9748 | 1291.152 | 20-57***48<br>♀ | 82.069 | 18.0077 |
| 236 | 96_ IMAD HASSI            | 1/0   | 1°  | 21.13:22:28 | 261.3807 | 1290.984 | 20-05***62<br>♀ | 81.992 | 18.0843 |
| 237 | 28-LOFT FARID             | 16/32 | 12° | 21.13:23:07 | 262.192  | 1290.846 | 21-52***39<br>♂ | 81.916 | 18.1609 |
| 238 | 12-FRÈRES SMIHI           | 10/0  | 4°  | 21.13:19:57 | 258.0283 | 1290.462 | 20-01***88<br>♀ | 81.839 | 18.2375 |
| 239 | 36-LOFT JALAL             | 6/18  | 5°  | 21.13:22:11 | 260.8053 | 1289.946 | 21-41***47<br>♂ | 81.763 | 18.3142 |
| 240 | 08-FAMILLE BEN AMOR       | 3/5   | 1°  | 21.13:19:56 | 257.8568 | 1289.712 | 20-35***11<br>♀ | 81.686 | 18.3908 |
| 241 | 33-LOFT FRÈRE JENHANI     | 9/36  | 3°  | 21.13:23:23 | 262.268  | 1289.526 | 20-38***94<br>♀ | 81.609 | 18.4674 |
| 242 | 23-LOFT ACHRAF RW         | 11/21 | 7°  | 21.13:20:12 | 258.1307 | 1289.364 | 21-28***24<br>♀ | 81.533 | 18.5441 |
| 243 | 34-LOFT H.B.S             | 7/10  | 5°  | 21.13:22:57 | 261.6411 | 1289.19  | 21-35***06<br>♂ | 81.456 | 18.6207 |
| 244 | 75:                       | 8/7   | 5°  | 21.13:22:48 | 261.3728 | 1288.818 | 21-14***13<br>♀ | 81.379 | 18.6973 |
| 245 | 02-ABDILAH BOUFAN         | 6/17  | 4°  | 21.13:21:26 | 259.4638 | 1288.086 | 21-09***97<br>♂ | 81.303 | 18.7739 |

| Cls | Nom                            | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 246 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 4°  | 21.13:22:57 | 261.2776 | 1287.396 | 21-38***47<br>♀ | 81.226 | 18.8506 |
| 247 | LOFT MAHMOUD KOUTABI           | 11/17 | 10° | 21.13:22:56 | 261.1742 | 1286.994 | 18-20***73<br>♀ | 81.149 | 18.9272 |
| 248 | 42-LOFT SAID KAMAL             | 7/19  | 4°  | 21.13:22:21 | 260.4123 | 1286.94  | 20-85***80<br>♀ | 81.073 | 19.0038 |
| 249 | 80_BARBACH FAMILY LOFT         | 11/21 | 6°  | 21.13:23:09 | 261.3727 | 1286.598 | 21-01***04<br>♀ | 80.996 | 19.0805 |
| 250 | 95_TBAIKHI/BOUZIDI/EL CHAKOURI | 4/13  | 1°  | 21.13:19:26 | 256.5785 | 1286.538 | 21-26***06<br>♀ | 80.92  | 19.1571 |
| 251 | 05-BENDAMI SOLTANA             | 4/9   | 3°  | 21.13:21:46 | 259.4957 | 1286.118 | 21-39***41<br>♀ | 80.843 | 19.2337 |
| 252 | ابو اسامة خولة81_              | 6/29  | 1°  | 21.13:19:29 | 256.5168 | 1285.908 | 20-37***17<br>♀ | 80.766 | 19.3103 |
| 253 | ZAKARIA NAHI                   | 4/7   | 4°  | 21.13:22:08 | 259.9154 | 1285.86  | 21-20***38<br>♀ | 80.69  | 19.387  |
| 254 | 34-LOFT H.B.S                  | 7/10  | 6°  | 21.13:23:29 | 261.6411 | 1285.812 | 21-43***08<br>♀ | 80.613 | 19.4636 |
| 255 | 21-LOFT ABDEMOTALIB            | 10/33 | 4°  | 21.13:22:40 | 260.5589 | 1285.65  | 19-05***77<br>♀ | 80.536 | 19.5402 |
| 256 | إخوان بنعثمان 103              | 7/30  | 6°  | 21.13:23:32 | 261.5908 | 1285.248 | 21-34***22<br>♀ | 80.46  | 19.6169 |
| 257 | ابو مصطفى كيدن-63              | 6/13  | 4°  | 21.13:21:08 | 258.3766 | 1284.606 | 19-03***60<br>♂ | 80.383 | 19.6935 |
| 258 | 92_FAMILLE ATTAL MOUAD         | 18/7  | 17° | 21.13:22:13 | 259.767  | 1284.6   | 19-40***81<br>♀ | 80.307 | 19.7701 |
| 259 | 36-LOFT JALAL                  | 6/18  | 6°  | 21.13:23:08 | 260.8053 | 1283.91  | 21-01***69<br>♀ | 80.23  | 19.8467 |
| 260 | 18-KARIM LOFT                  | 10/15 | 7°  | 21.13:22:56 | 260.5275 | 1283.808 | 21-03***24<br>♀ | 80.153 | 19.9234 |
| 261 | 66-YOUSSEF YASSINE             | 5/20  | 2°  | 21.13:24:01 | 261.8732 | 1283.586 | 21-22***11<br>♀ | 80.077 | 20      |
| 262 | 13-FRÉRES ZERDAMI              | 5/0   | 2°  | 21.13:20:47 | 257.6533 | 1283.238 | 20-01***35<br>♀ | 80     | 20.0766 |
| 263 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 5°  | 21.13:23:40 | 261.2776 | 1282.866 | 19-18***54<br>♀ | 79.923 | 20.1533 |
| 264 | 33-LOFT FRÈRE JENHANI          | 9/36  | 4°  | 21.13:24:35 | 262.268  | 1281.96  | 19-58***37<br>♂ | 79.847 | 20.2299 |
| 265 | 15-GHANI ZOUHIR                | 7/28  | 6°  | 21.13:22:02 | 258.9922 | 1281.93  | 21-39***22<br>♂ | 79.77  | 20.3065 |
| 266 | 42-LOFT SAID KAMAL             | 7/19  | 5°  | 21.13:23:11 | 260.4123 | 1281.66  | 20-28***95<br>♀ | 79.694 | 20.3831 |
| 267 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 6°  | 21.13:23:52 | 261.2776 | 1281.612 | 20-51***59<br>♀ | 79.617 | 20.4598 |
| 268 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 7°  | 21.13:24:04 | 261.2776 | 1280.352 | 20-51***61<br>♀ | 79.54  | 20.5364 |
| 269 | 12-FRÉRES SMIHI                | 10/0  | 5°  | 21.13:21:35 | 258.0283 | 1280.01  | 20-00***65<br>♀ | 79.464 | 20.613  |
| 270 | 56-RøMårîö LôFT                | 16/30 | 1°  | 21.13:23:58 | 261.0565 | 1279.896 | 21-12***32<br>♀ | 79.387 | 20.6897 |
| 271 | 54-NISSOUL MOHAAIMDAT          | 7/28  | 3°  | 21.13:24:25 | 261.6095 | 1279.788 | 20-00***68<br>♀ | 79.31  | 20.7663 |
| 272 | 04-AHMED DAHMAZ                | 5/13  | 5°  | 21.13:23:40 | 260.5669 | 1279.38  | 21-86***40<br>♂ | 79.234 | 20.8429 |
| 273 | FÉRIÉ SIDARE                   | 9/17  | 6°  | 21.13:23:00 | 259.5802 | 1278.72  | 19-53***37<br>♂ | 79.157 | 20.9195 |

| Cls | Nom                         | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|-----------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 274 | إخوان بنعثمان 103           | 7/30  | 7°  | 21.13:24:35 | 261.5908 | 1278.654 | 19-45***71<br>♂ | 79.081 | 20.9962 |
| 275 | 43-LOFT SALAH               | 6/13  | 5°  | 21.13:23:36 | 260.3048 | 1278.51  | 21-15***25<br>♀ | 79.004 | 21.0728 |
| 276 | 44-LOFT SIDAWI<br>BENHLIMA  | 13/22 | 7°  | 21.13:25:09 | 262.2459 | 1278.312 | 17-05***12<br>♀ | 78.927 | 21.1494 |
| 277 | 21-LOFT ABDEMOTALIB         | 10/33 | 5°  | 21.13:23:52 | 260.5589 | 1278.084 | 19-09***69<br>♀ | 78.851 | 21.2261 |
| 278 | 75:                         | 8/7   | 6°  | 21.13:24:33 | 261.3728 | 1277.796 | 21-01***18<br>♀ | 78.774 | 21.3027 |
| 279 | 30-LOFT FRERE LA<br>KHOUATI | 14/45 | 8°  | 21.13:24:29 | 261.2776 | 1277.748 | 19-98***84<br>♀ | 78.697 | 21.3793 |
| 280 | 28-LOFT FARID               | 16/32 | 13° | 21.13:25:13 | 262.192  | 1277.634 | 21-63***21<br>♂ | 78.621 | 21.4559 |
| 281 | 56-RøMårîö LôFT             | 16/30 | 2°  | 21.13:24:25 | 261.0565 | 1277.082 | 21-03***34<br>♀ | 78.544 | 21.5326 |
| 282 | 44-LOFT SIDAWI<br>BENHLIMA  | 13/22 | 8°  | 21.13:25:21 | 262.2459 | 1277.07  | 21-91***90<br>♀ | 78.467 | 21.6092 |
| 283 | 02-ABDILAH BOUFAN           | 6/17  | 5°  | 21.13:23:12 | 259.4638 | 1276.89  | 21-09***98<br>♂ | 78.391 | 21.6858 |
| 284 | 23-LOFT ACHRAF RW           | 11/21 | 8°  | 21.13:22:11 | 258.1307 | 1276.716 | 20-02***09<br>♀ | 78.314 | 21.7625 |
| 285 | بطشح_83                     | 1/19  | 1°  | 21.13:25:09 | 261.8077 | 1276.176 | 19-92***66<br>♀ | 78.238 | 21.8391 |
| 286 | 75:                         | 8/7   | 7°  | 21.13:24:50 | 261.3728 | 1276.026 | 20-07***72<br>♀ | 78.161 | 21.9157 |
| 287 | 56-RøMårîö LôFT             | 16/30 | 3°  | 21.13:24:41 | 261.0565 | 1275.414 | 20-08***23<br>♀ | 78.084 | 21.9923 |
| 288 | 12-FRÉRES SMIHI             | 10/0  | 6°  | 21.13:22:19 | 258.0283 | 1275.366 | 21-00***84<br>♂ | 78.008 | 22.069  |
| 289 | إخوان حجار-62               | 6/10  | 4°  | 21.13:25:47 | 262.2711 | 1274.502 | 21-37***77<br>♀ | 77.931 | 22.1456 |
| 290 | 48-LOFTE.H.K                | 8/0   | 3°  | 21.13:24:08 | 260.1451 | 1274.388 | 19-55***67<br>♀ | 77.854 | 22.2222 |
| 291 | 80_BARBACH FAMILY<br>LOFT   | 11/21 | 7°  | 21.13:25:07 | 261.3727 | 1274.262 | 19-04***39<br>♀ | 77.778 | 22.2989 |
| 292 | 56-RøMårîö LôFT             | 16/30 | 4°  | 21.13:24:54 | 261.0565 | 1274.07  | 21-28***40<br>♂ | 77.701 | 22.3755 |
| 293 | FÉRIé SIDARE                | 9/17  | 7°  | 21.13:23:45 | 259.5802 | 1274.016 | 20-19***43<br>♀ | 77.625 | 22.4521 |
| 294 | 12-FRÉRES SMIHI             | 10/0  | 7°  | 21.13:22:35 | 258.0283 | 1273.692 | 21-09***51<br>♂ | 77.548 | 22.5287 |
| 295 | 66-YOUSSEF YASSINE          | 5/20  | 3°  | 21.13:25:42 | 261.8732 | 1273.086 | 21-38***73<br>♂ | 77.471 | 22.6054 |
| 296 | إخوان حجار-62               | 6/10  | 5°  | 21.13:26:01 | 262.2711 | 1273.056 | 21-13***56<br>♂ | 77.395 | 22.682  |
| 297 | ابو مصطفى كيدن-63           | 6/13  | 5°  | 21.13:22:58 | 258.3766 | 1273.002 | 21-23***61<br>♀ | 77.318 | 22.7586 |
| 298 | 56-RøMårîö LôFT             | 16/30 | 5°  | 21.13:25:07 | 261.0565 | 1272.72  | 20-00***35<br>♂ | 77.241 | 22.8352 |
| 299 | 23-LOFT ACHRAF RW           | 11/21 | 9°  | 21.13:22:53 | 258.1307 | 1272.312 | 21-15***00<br>♀ | 77.165 | 22.9119 |
| 300 | LOFT ABDO MAZAGAN           | 10/17 | 9°  | 21.13:24:04 | 259.5802 | 1272.036 | 20-49***95<br>♂ | 77.088 | 22.9885 |
| 301 | 48-LOFTE.H.K                | 8/0   | 4°  | 21.13:24:31 | 260.1451 | 1272     | 21-08***79<br>♀ | 77.012 | 23.0651 |

| Cls | Nom                            | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 302 | عبد الغاني عماد حجار-65        | 5/19  | 3°  | 21.13:25:47 | 261.7519 | 1271.976 | 17-12***25<br>♀ | 76.935 | 23.1418 |
| 303 | 45-LOFT SOUFIANE KABA          | 17/22 | 16° | 21.13:24:38 | 260.2857 | 1271.964 | 19-72***43<br>♀ | 76.858 | 23.2184 |
| 304 | 56-RøMårö LÖFT                 | 16/30 | 6°  | 21.13:25:15 | 261.0565 | 1271.898 | 19-95***80<br>♀ | 76.782 | 23.295  |
| 305 | 26-LOFT AYOUB                  | 4/19  | 2°  | 21.13:25:49 | 261.6484 | 1271.268 | 21-41***99<br>♀ | 76.705 | 23.3716 |
| 306 | 95_TBAIKHI/BOUZIDI/EL CHAKOURI | 4/13  | 2°  | 21.13:21:53 | 256.5785 | 1270.926 | 19-69***47<br>♀ | 76.628 | 23.4483 |
| 307 | 56-RøMårö LÖFT                 | 16/30 | 7°  | 21.13:25:25 | 261.0565 | 1270.866 | 21-03***78<br>♂ | 76.552 | 23.5249 |
| 308 | 26-LOFT AYOUB                  | 4/19  | 3°  | 21.13:25:54 | 261.6484 | 1270.752 | 17-79***45<br>♀ | 76.475 | 23.6015 |
| 309 | 34-LOFT H.B.S                  | 7/10  | 7°  | 21.13:25:56 | 261.6411 | 1270.512 | 21-47***20<br>♀ | 76.399 | 23.6782 |
| 310 | 54-NISSOUL MOHAAIMDAT          | 7/28  | 4°  | 21.13:25:58 | 261.6095 | 1270.152 | 20-01***15<br>♀ | 76.322 | 23.7548 |
| 311 | 42-LOFT SAID KAMAL             | 7/19  | 6°  | 21.13:25:09 | 260.4123 | 1269.378 | 21-79***66<br>♀ | 76.245 | 23.8314 |
| 312 | ابو اسامة خولة81_              | 6/29  | 2°  | 21.13:22:06 | 256.5168 | 1269.258 | 19-94***94<br>♀ | 76.169 | 23.908  |
| 313 | 56-RøMårö LÖFT                 | 16/30 | 8°  | 21.13:25:44 | 261.0565 | 1268.91  | 21-11***67<br>♀ | 76.092 | 23.9847 |
| 314 | روصاقي-68                      | 3/24  | 2°  | 21.13:26:53 | 262.3389 | 1268.052 | 21-44***38<br>♀ | 76.015 | 24.0613 |
| 315 | 18-KARIM LOFT                  | 10/15 | 8°  | 21.13:25:28 | 260.5275 | 1267.98  | 18-95***03<br>♂ | 75.939 | 24.1379 |
| 316 | 11-FRERE REDIANE               | 10/25 | 5°  | 21.13:23:55 | 258.5539 | 1267.938 | 21-98***10<br>♀ | 75.862 | 24.2146 |
| 317 | FÉRIÉ SIDARE                   | 9/17  | 8°  | 21.13:24:44 | 259.5802 | 1267.896 | 19-91***36<br>♀ | 75.785 | 24.2912 |
| 318 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 9°  | 21.13:26:05 | 261.2776 | 1267.824 | 21-38***61<br>♀ | 75.709 | 24.3678 |
| 319 | 15-GHANI ZOUHIR                | 7/28  | 7°  | 21.13:24:17 | 258.9922 | 1267.806 | 21-29***54<br>♂ | 75.632 | 24.4444 |
| 320 | 10-FRÉRE BALOUTI               | 7/23  | 7°  | 21.13:24:41 | 259.4755 | 1267.692 | 21-01***45<br>♂ | 75.556 | 24.5211 |
| 321 | عبد الغاني عماد حجار-65        | 5/19  | 4°  | 21.13:26:30 | 261.7519 | 1267.566 | 19-08***86<br>♀ | 75.479 | 24.5977 |
| 322 | 74- LOFT AYOUB AMMAR           | 8/7   | 7°  | 21.13:24:27 | 258.8528 | 1266.096 | 21-21***95<br>♀ | 75.402 | 24.6743 |
| 323 | 28-LOFT FARID                  | 16/32 | 14° | 21.13:27:07 | 262.192  | 1265.916 | 21-63***34<br>♂ | 75.326 | 24.751  |
| 324 | ابو اسامة خولة81_              | 6/29  | 3°  | 21.13:22:45 | 256.5168 | 1265.19  | 21-53***94<br>♂ | 75.249 | 24.8276 |
| 325 | 13-FRÉRES ZERDAMI              | 5/0   | 3°  | 21.13:23:41 | 257.6533 | 1264.968 | 21-08***73<br>♀ | 75.172 | 24.9042 |
| 326 | 104 IKHWAN BLHMIRA             | 9/28  | 5°  | 21.13:27:27 | 262.3554 | 1264.668 | 20-01***73<br>♂ | 75.096 | 24.9808 |
| 327 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 10° | 21.13:26:36 | 261.2776 | 1264.656 | 21-38***50<br>♀ | 75.019 | 25.0575 |
| 328 | 27-LOFT CHAABI                 | 3/19  | 1°  | 21.13:24:53 | 259.0535 | 1264.398 | 19-47***72<br>♂ | 74.943 | 25.1341 |
| 329 | 42-LOFT SAID KAMAL             | 7/19  | 7°  | 21.13:26:00 | 260.4123 | 1264.14  | 20-85***79<br>♀ | 74.866 | 25.2107 |

| Cls | Nom                               | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|-----------------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 330 | BIBICHA                           | 4/7   | 1°  | 21.13:26:49 | 261.3935 | 1263.888 | 21-02***55<br>♀ | 74.789 | 25.2874 |
| 331 | 27-LOFT CHAABI                    | 3/19  | 2°  | 21.13:24:59 | 259.0535 | 1263.78  | 19-86***69<br>♀ | 74.713 | 25.364  |
| 332 | 23-LOFT ACHRAF RW                 | 11/21 | 10° | 21.13:24:16 | 258.1307 | 1263.696 | 21-06***38<br>♂ | 74.636 | 25.4406 |
| 333 | 27-LOFT CHAABI                    | 3/19  | 3°  | 21.13:25:11 | 259.0535 | 1262.544 | 20-08***08<br>♂ | 74.559 | 25.5172 |
| 334 | 48-LOFTE.H.K                      | 8/0   | 5°  | 21.13:26:09 | 260.1451 | 1261.92  | 20-49***88<br>♀ | 74.483 | 25.5939 |
| 335 | 05-BENDAMI SOLTANA                | 4/9   | 4°  | 21.13:25:39 | 259.4957 | 1261.83  | 21-06***79<br>♀ | 74.406 | 25.6705 |
| 336 | 45-LOFT SOUFIANE<br>KABAH         | 17/22 | 17° | 21.13:26:17 | 260.2857 | 1261.788 | 21-04***41<br>♀ | 74.33  | 25.7471 |
| 337 | 11-FRERE REDIANE                  | 10/25 | 6°  | 21.13:25:00 | 258.5539 | 1261.236 | 20-00***88<br>♂ | 74.253 | 25.8238 |
| 338 | 56-RøMårîö LøFT                   | 16/30 | 9°  | 21.13:27:00 | 261.0565 | 1261.14  | 17-17***98<br>♀ | 74.176 | 25.9004 |
| 339 | 56-RøMårîö LøFT                   | 16/30 | 10° | 21.13:27:08 | 261.0565 | 1260.33  | 18-34***94<br>♂ | 74.1   | 25.977  |
| 340 | 21-LOFT ABDEMOTALIB               | 10/33 | 6°  | 21.13:26:45 | 260.5589 | 1260.258 | 20-00***34<br>♀ | 74.023 | 26.0536 |
| 341 | BIBICHA                           | 4/7   | 2°  | 21.13:27:27 | 261.3935 | 1260.03  | 21-37***58<br>♂ | 73.946 | 26.1303 |
| 342 | 48-LOFTE.H.K                      | 8/0   | 6°  | 21.13:26:34 | 260.1451 | 1259.376 | 21-20***20<br>♀ | 73.87  | 26.2069 |
| 343 | 56-RøMårîö LøFT                   | 16/30 | 11° | 21.13:27:22 | 261.0565 | 1258.914 | 21-03***76<br>♂ | 73.793 | 26.2835 |
| 344 | 104 IKHWAN BLHMIRA                | 9/28  | 6°  | 21.13:28:33 | 262.3554 | 1257.996 | 20-01***34<br>♀ | 73.717 | 26.3602 |
| 345 | 02-ABDILAH BOUFAN                 | 6/17  | 6°  | 21.13:26:18 | 259.4638 | 1257.702 | 21-09***56<br>♀ | 73.64  | 26.4368 |
| 346 | LA FAMILLE KOUTMAN                | 1/12  | 1°  | 21.13:26:22 | 259.4755 | 1257.354 | 21-14***83<br>♂ | 73.563 | 26.5134 |
| 347 | 54-NISSOUL<br>MOHAAIMDAT          | 7/28  | 5°  | 21.13:28:09 | 261.6095 | 1256.832 | 21-75***35<br>♀ | 73.487 | 26.59   |
| 348 | SAR SAR ILYSS                     | 3/6   | 1°  | 21.13:28:02 | 261.1889 | 1255.512 | 21-77***18<br>♀ | 73.41  | 26.6667 |
| 349 | ابو مصطفى كيدن-63                 | 6/13  | 6°  | 21.13:25:48 | 258.3766 | 1255.476 | 19-00***35<br>♂ | 73.333 | 26.7433 |
| 350 | 104 IKHWAN BLHMIRA                | 9/28  | 7°  | 21.13:28:59 | 262.3554 | 1255.392 | 20-01***48<br>♂ | 73.257 | 26.8199 |
| 351 | ابو اسامة خولة-81_                | 6/29  | 4°  | 21.13:24:20 | 256.5168 | 1255.386 | 20-01***90<br>♀ | 73.18  | 26.8966 |
| 352 | HOUSSINE SABRANI                  | 3/22  | 2°  | 21.13:28:01 | 261.1305 | 1255.332 | 21-04***19<br>♂ | 73.103 | 26.9732 |
| 353 | 95_TBAIKHI/BOUZIDI/EL<br>CHAKOURI | 4/13  | 3°  | 21.13:24:27 | 256.5785 | 1254.972 | 21-26***15<br>♀ | 73.027 | 27.0498 |
| 354 | عبد الغاني عماد حجار-65           | 5/19  | 5°  | 21.13:28:36 | 261.7519 | 1254.804 | 19-76***80<br>♀ | 72.95  | 27.1264 |
| 355 | 11-FRERE REDIANE                  | 10/25 | 7°  | 21.13:26:06 | 258.5539 | 1254.51  | 21-39***94<br>♀ | 72.874 | 27.2031 |
| 356 | LOFT MAHMOUD<br>KOUTABI           | 11/17 | 11° | 21.13:28:17 | 261.1742 | 1253.94  | 21-20***37<br>♀ | 72.797 | 27.2797 |
| 357 | 21-LOFT ABDEMOTALIB               | 10/33 | 7°  | 21.13:27:50 | 260.5589 | 1253.694 | 21-28***31<br>♂ | 72.72  | 27.3563 |

| Cls | Nom                            | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 358 | 44-LOFT SIDAWI BENHLIMA        | 13/22 | 9°  | 21.13:29:12 | 262.2459 | 1253.568 | 19-35***45<br>♀ | 72.644 | 27.433  |
| 359 | 19-KOUCHI                      | 3/14  | 3°  | 21.13:28:28 | 261.3091 | 1253.484 | 21-36***03<br>♀ | 72.567 | 27.5096 |
| 360 | 95_TBAIKHI/BOUZIDI/EL CHAKOURI | 4/13  | 4°  | 21.13:24:42 | 256.5785 | 1253.436 | 21-26***13<br>♂ | 72.49  | 27.5862 |
| 361 | 54-NISSOUL MOHAAIMDAT          | 7/28  | 6°  | 21.13:28:49 | 261.6095 | 1252.818 | 21-39***94<br>♀ | 72.414 | 27.6628 |
| 362 | 11-FRERE REDIANE               | 10/25 | 8°  | 21.13:26:24 | 258.5539 | 1252.686 | 20-42***80<br>♂ | 72.337 | 27.7395 |
| 363 | ابو اسامة خولة_81              | 6/29  | 5°  | 21.13:24:53 | 256.5168 | 1252.014 | 18-42***94<br>♀ | 72.261 | 27.8161 |
| 364 | 33-LOFT FRÈRE JENHANI          | 9/36  | 5°  | 21.13:29:30 | 262.268  | 1251.876 | 21-14***04<br>♂ | 72.184 | 27.8927 |
| 365 | 13-FRÉRES ZERDAMI              | 5/0   | 4°  | 21.13:25:56 | 257.6533 | 1251.15  | 19-73***24<br>♀ | 72.107 | 27.9693 |
| 366 | BIBICHA                        | 4/7   | 3°  | 21.13:28:56 | 261.3935 | 1251.084 | 21-77***14<br>♀ | 72.031 | 28.046  |
| 367 | 44-LOFT SIDAWI BENHLIMA        | 13/22 | 10° | 21.13:29:39 | 262.2459 | 1250.874 | 21-19***69<br>♀ | 71.954 | 28.1226 |
| 368 | 104 IKHWAN BLHMIRA             | 9/28  | 8°  | 21.13:29:47 | 262.3554 | 1250.604 | 21-01***76<br>♀ | 71.877 | 28.1992 |
| 369 | 54-NISSOUL MOHAAIMDAT          | 7/28  | 7°  | 21.13:29:12 | 261.6095 | 1250.526 | 17-11***86<br>♂ | 71.801 | 28.2759 |
| 370 | 11-FRERE REDIANE               | 10/25 | 9°  | 21.13:26:46 | 258.5539 | 1250.46  | 19-15***26<br>♀ | 71.724 | 28.3525 |
| 371 | IKHWANE YASSINE/ACHRAF 01      | 2/16  | 2°  | 21.13:29:43 | 262.2304 | 1250.406 | 19-01***18<br>♂ | 71.648 | 28.4291 |
| 372 | FÉRIÉ SIDARE                   | 9/17  | 9°  | 21.13:27:37 | 259.5802 | 1250.286 | 21-44***67<br>♀ | 71.571 | 28.5057 |
| 373 | SAR SAR ILYSS                  | 3/6   | 2°  | 21.13:28:58 | 261.1889 | 1249.908 | 21-75***92<br>♀ | 71.494 | 28.5824 |
| 374 | 11-FRERE REDIANE               | 10/25 | 10° | 21.13:26:52 | 258.5539 | 1249.86  | 21-98***12<br>♀ | 71.418 | 28.659  |
| 375 | 44-LOFT SIDAWI BENHLIMA        | 13/22 | 11° | 21.13:29:50 | 262.2459 | 1249.782 | 21-39***91<br>♀ | 71.341 | 28.7356 |
| 376 | إخوان حجار-62                  | 6/10  | 6°  | 21.13:29:58 | 262.2711 | 1249.11  | 21-41***22<br>♂ | 71.264 | 28.8123 |
| 377 | 44-LOFT SIDAWI BENHLIMA        | 13/22 | 12° | 21.13:29:58 | 262.2459 | 1248.99  | 19-20***71<br>♀ | 71.188 | 28.8889 |
| 378 | 26-LOFT AYOUB                  | 4/19  | 4°  | 21.13:29:35 | 261.6484 | 1248.42  | 21-43***64<br>♂ | 71.111 | 28.9655 |
| 379 | روصاقي-68                      | 3/24  | 3°  | 21.13:30:10 | 262.3389 | 1248.24  | 20-00***23<br>♂ | 71.035 | 29.0421 |
| 380 | 75:                            | 8/7   | 8°  | 21.13:29:30 | 261.3728 | 1247.604 | 21-34***48<br>♀ | 70.958 | 29.1188 |
| 381 | 44-LOFT SIDAWI BENHLIMA        | 13/22 | 13° | 21.13:30:15 | 262.2459 | 1247.304 | 21-20***33<br>♀ | 70.881 | 29.1954 |
| 382 | BIBICHA                        | 4/7   | 4°  | 21.13:29:40 | 261.3935 | 1246.71  | 21-30***89<br>♀ | 70.805 | 29.272  |
| 383 | 06-CHAMCHAKHI. FOUAD           | 6/21  | 6°  | 21.13:27:32 | 258.6966 | 1246.53  | 19-04***00<br>♂ | 70.728 | 29.3487 |
| 384 | ميلودالسايج_98                 | 1/13  | 1°  | 21.13:29:39 | 261.2678 | 1246.212 | 19-94***23<br>♀ | 70.651 | 29.4253 |
| 385 | 18-KARIM LOFT                  | 10/15 | 9°  | 21.13:29:06 | 260.5275 | 1245.948 | 21-03***35<br>♂ | 70.575 | 29.5019 |



| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 386 | 12-FRÉRES SMIHI          | 10/0  | 8°  | 21.13:27:06 | 258.0283 | 1245.912 | 20-02***78<br>♂ | 70.498 | 29.5785 |
| 387 | ابو اسامة خولة_81        | 6/29  | 6°  | 21.13:26:04 | 256.5168 | 1244.826 | 21-19***1♀      | 70.422 | 29.6552 |
| 388 | 30-LOFT FRERE LA KHOUATI | 14/45 | 11° | 21.13:29:56 | 261.2776 | 1244.574 | 19-58***50<br>♂ | 70.345 | 29.7318 |
| 389 | 56-RøMårîö LôFT          | 16/30 | 12° | 21.13:29:48 | 261.0565 | 1244.31  | 17-13***77<br>♀ | 70.268 | 29.8084 |
| 390 | 12-FRÉRES SMIHI          | 10/0  | 9°  | 21.13:27:24 | 258.0283 | 1244.112 | 21-00***98<br>♂ | 70.192 | 29.8851 |
| 391 | 104 IKHWAN BLHMIRA       | 9/28  | 9°  | 21.13:30:56 | 262.3554 | 1243.782 | 20-01***72<br>♂ | 70.115 | 29.9617 |
| 392 | 48-LOFTE.H.K             | 8/0   | 7°  | 21.13:29:10 | 260.1451 | 1243.722 | 21-39***01<br>♂ | 70.038 | 30.0383 |
| 393 | 56-RøMårîö LôFT          | 16/30 | 13° | 21.13:30:02 | 261.0565 | 1242.93  | 21-03***37<br>♀ | 69.962 | 30.1149 |
| 394 | 18-KARIM LOFT            | 10/15 | 10° | 21.13:29:44 | 260.5275 | 1242.186 | 21-03***41<br>♀ | 69.885 | 30.1916 |
| 395 | 80_BARBACH FAMILY LOFT   | 11/21 | 8°  | 21.13:30:28 | 261.3727 | 1241.874 | 21-01***02<br>♀ | 69.808 | 30.2682 |
| 396 | 56-RøMårîö LôFT          | 16/30 | 14° | 21.13:30:15 | 261.0565 | 1241.646 | 21-03***73<br>♂ | 69.732 | 30.3448 |
| 397 | 30-LOFT FRERE LA KHOUATI | 14/45 | 12° | 21.13:30:30 | 261.2776 | 1241.226 | 21-39***87<br>♂ | 69.655 | 30.4215 |
| 398 | 33-LOFT FRÈRE JENHANI    | 9/36  | 6°  | 21.13:31:18 | 262.268  | 1241.214 | 19-19***70<br>♀ | 69.579 | 30.4981 |
| 399 | 92_FAMILLE ATTAL MOUAD   | 18/7  | 18° | 21.13:29:19 | 259.767  | 1241.022 | 21-05***61<br>♂ | 69.502 | 30.5747 |
| 400 | YOUNES HASSANI           | 3/12  | 2°  | 21.13:29:05 | 259.428  | 1240.788 | 17-29***21<br>♂ | 69.425 | 30.6513 |
| 401 | 80_BARBACH FAMILY LOFT   | 11/21 | 9°  | 21.13:30:40 | 261.3727 | 1240.692 | 21-01***19<br>♂ | 69.349 | 30.728  |
| 402 | 56-RøMårîö LôFT          | 16/30 | 15° | 21.13:30:27 | 261.0565 | 1240.47  | 21-03***97<br>♀ | 69.272 | 30.8046 |
| 403 | 30-LOFT FRERE LA KHOUATI | 14/45 | 13° | 21.13:30:41 | 261.2776 | 1240.146 | 19-44***84<br>♀ | 69.195 | 30.8812 |
| 404 | 80_BARBACH FAMILY LOFT   | 11/21 | 10° | 21.13:30:51 | 261.3727 | 1239.612 | 21-48***46<br>♂ | 69.119 | 30.9579 |
| 405 | 13-FRÉRES ZERDAMI        | 5/0   | 5°  | 21.13:27:53 | 257.6533 | 1239.414 | 18-97***71<br>♀ | 69.042 | 31.0345 |
| 406 | 08-FAMILLE BEN AMOR      | 3/5   | 2°  | 21.13:28:05 | 257.8568 | 1239.198 | 18-60***89<br>♀ | 68.966 | 31.1111 |
| 407 | 56-RøMårîö LôFT          | 16/30 | 16° | 21.13:30:43 | 261.0565 | 1238.898 | 19-98***18<br>♀ | 68.889 | 31.1877 |
| 408 | 30-LOFT FRERE LA KHOUATI | 14/45 | 14° | 21.13:30:56 | 261.2776 | 1238.676 | 21-38***63<br>♂ | 68.812 | 31.2644 |
| 409 | 66-YOUSSEF YASSINE       | 5/20  | 4°  | 21.13:31:37 | 261.8732 | 1237.488 | 19-91***32<br>♂ | 68.736 | 31.341  |
| 410 | 33-LOFT FRÈRE JENHANI    | 9/36  | 7°  | 21.13:31:57 | 262.268  | 1237.404 | 18-08***69<br>♀ | 68.659 | 31.4176 |
| 411 | HOUSSINE SABRANI         | 3/22  | 3°  | 21.13:31:02 | 261.1305 | 1237.392 | 20-02***98<br>♀ | 68.582 | 31.4943 |
| 412 | 74- LOFT AYOUB AMMAR     | 8/7   | 8°  | 21.13:29:16 | 258.8528 | 1236.954 | 18-56***24<br>♂ | 68.506 | 31.5709 |
| 413 | LOFT ABDO MAZAGAN        | 10/17 | 10° | 21.13:29:56 | 259.5802 | 1236.486 | 22-47***59<br>♀ | 68.429 | 31.6475 |

| Cls | Nom                       | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|---------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 414 | 12-FRÉRES SMIHI           | 10/0  | 10° | 21.13:28:46 | 258.0283 | 1235.964 | 20-47***20<br>♀ | 68.353 | 31.7241 |
| 415 | 08-FAMILLE BEN AMOR       | 3/5   | 3°  | 21.13:28:39 | 257.8568 | 1235.832 | 19-44***60<br>♀ | 68.276 | 31.8008 |
| 416 | 43-LOFT SALAH             | 6/13  | 6°  | 21.13:30:47 | 260.3048 | 1234.938 | 18-77***99<br>♂ | 68.199 | 31.8774 |
| 417 | 48-LOFTE.H.K              | 8/0   | 8°  | 21.13:30:40 | 260.1451 | 1234.866 | 19-18***11<br>♀ | 68.123 | 31.954  |
| 418 | 21-LOFT ABDEMOTALIB       | 10/33 | 8°  | 21.13:31:02 | 260.5589 | 1234.68  | 21-00***23<br>♂ | 68.046 | 32.0307 |
| 419 | 20-LA FAMILLE ALI 03      | 2/8   | 2°  | 21.13:30:11 | 259.5014 | 1234.644 | 21-33***23<br>♂ | 67.969 | 32.1073 |
| 420 | 23-LOFT ACHRAF RW         | 11/21 | 11° | 21.13:29:07 | 258.1307 | 1234.386 | 20-43***62<br>♀ | 67.893 | 32.1839 |
| 421 | SAR SAR ILYSS             | 3/6   | 3°  | 21.13:31:39 | 261.1889 | 1234.062 | 19-93***21<br>♀ | 67.816 | 32.2605 |
| 422 | 80_BARBACH FAMILY<br>LOFT | 11/21 | 11° | 21.13:31:58 | 261.3727 | 1233.084 | 20-09***51<br>♂ | 67.74  | 32.3372 |
| 423 | 33-LOFT FRÈRE JENHANI     | 9/36  | 8°  | 21.13:32:46 | 262.268  | 1232.658 | 20-38***93<br>♂ | 67.663 | 32.4138 |
| 424 | 33-LOFT FRÈRE JENHANI     | 9/36  | 9°  | 21.13:32:59 | 262.268  | 1231.404 | 19-98***21<br>♀ | 67.586 | 32.4904 |
| 425 | 28-LOFT FARID             | 16/32 | 15° | 21.13:32:59 | 262.192  | 1231.044 | 20-51***12<br>♂ | 67.51  | 32.567  |
| 426 | YOUNES HASSANI            | 3/12  | 3°  | 21.13:31:04 | 259.428  | 1229.13  | 19-59***02<br>♀ | 67.433 | 32.6437 |
| 427 | 66-YOUSSEF YASSINE        | 5/20  | 5°  | 21.13:33:09 | 261.8732 | 1228.584 | 21-33***07<br>♀ | 67.356 | 32.7203 |
| 428 | 21-LOFT ABDEMOTALIB       | 10/33 | 9°  | 21.13:32:07 | 260.5589 | 1228.374 | 19-37***35<br>♀ | 67.28  | 32.7969 |
| 429 | 28-LOFT FARID             | 16/32 | 16° | 21.13:33:27 | 262.192  | 1228.356 | 18-06***64<br>♂ | 67.203 | 32.8736 |
| 430 | 21-LOFT ABDEMOTALIB       | 10/33 | 10° | 21.13:32:11 | 260.5589 | 1227.99  | 20-00***08<br>♂ | 67.126 | 32.9502 |
| 431 | 19-KOUCHI                 | 3/14  | 4°  | 21.13:32:54 | 261.3091 | 1227.378 | 19-39***99<br>♂ | 67.05  | 33.0268 |
| 432 | 33-LOFT FRÈRE JENHANI     | 9/36  | 10° | 21.13:33:45 | 262.268  | 1226.982 | 21-10***07<br>♀ | 66.973 | 33.1034 |
| 433 | 28-LOFT FARID             | 16/32 | 17° | 21.13:33:59 | 262.192  | 1225.29  | 21-52***30<br>♂ | 66.897 | 33.1801 |
| 434 | 104 IKHWAN BLHMIRA        | 9/28  | 10° | 21.13:34:12 | 262.3554 | 1224.816 | 20-01***81<br>♂ | 66.82  | 33.2567 |
| 435 | 17-JILALI BOUKHRISSE      | 0/11  | 1°  | 21.13:30:44 | 258.0773 | 1224.666 | 19-71***37<br>♀ | 66.743 | 33.3333 |
| 436 | 19-KOUCHI                 | 3/14  | 5°  | 21.13:33:30 | 261.3091 | 1223.928 | 21-32***03<br>♀ | 66.667 | 33.41   |
| 437 | 23-LOFT ACHRAF RW         | 11/21 | 12° | 21.13:30:57 | 258.1307 | 1223.658 | 21-03***67<br>♀ | 66.59  | 33.4866 |
| 438 | 26-LOFT AYOUB             | 4/19  | 5°  | 21.13:33:56 | 261.6484 | 1223.034 | 21-35***02<br>♀ | 66.513 | 33.5632 |
| 439 | 74- LOFT AYOUB AMMAR      | 8/7   | 9°  | 21.13:31:41 | 258.8528 | 1222.83  | 19-39***12<br>♂ | 66.437 | 33.6398 |
| 440 | YOUNES HASSANI            | 3/12  | 4°  | 21.13:32:11 | 259.428  | 1222.662 | 19-59***90<br>♀ | 66.36  | 33.7165 |
| 441 | 63- ابو مصطفى كيدن        | 6/13  | 7°  | 21.13:31:23 | 258.3766 | 1222.314 | 21-23***53<br>♂ | 66.284 | 33.7931 |
| 442 | ابو اسامة خولة81_         | 6/29  | 7°  | 21.13:29:55 | 256.5168 | 1221.996 | 18-42***89<br>♀ | 66.207 | 33.8697 |

| Cls | Nom                               | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|-----------------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 443 | LA FAMILLE KOUTMAN                | 1/12  | 2°  | 21.13:32:31 | 259.4755 | 1220.964 | 21-14***87<br>♂ | 66.13  | 33.9464 |
| 444 | 36-LOFT JALAL                     | 6/18  | 7°  | 21.13:33:40 | 260.8053 | 1220.616 | 21-36***89<br>♀ | 66.054 | 34.023  |
| 445 | 22-LOFT ABDESSAMAD                | 0/17  | 1°  | 21.13:31:24 | 257.6533 | 1218.798 | 15-07***32<br>♂ | 65.977 | 34.0996 |
| 446 | 21-LOFT ABDEMOTALIB               | 10/33 | 11° | 21.13:33:48 | 260.5589 | 1218.702 | 19-12***43<br>♀ | 65.9   | 34.1762 |
| 447 | 74- LOFT AYOUB AMMAR              | 8/7   | 10° | 21.13:32:29 | 258.8528 | 1218.228 | 18-27***22<br>♀ | 65.824 | 34.2529 |
| 448 | IKHWANE<br>YASSINE/ACHRAF 01      | 2/16  | 3°  | 21.13:35:17 | 262.2304 | 1218.072 | 16-09***57<br>♀ | 65.747 | 34.3295 |
| 449 | 28-LOFT FARID                     | 16/32 | 18° | 21.13:35:18 | 262.192  | 1217.796 | 21-63***26<br>♀ | 65.671 | 34.4061 |
| 450 | 28-LOFT FARID                     | 16/32 | 19° | 21.13:35:25 | 262.192  | 1217.142 | 20-04***92<br>♂ | 65.594 | 34.4828 |
| 451 | 30-LOFT FRERE LA<br>KHOUATI       | 14/45 | 15° | 21.13:34:43 | 261.2776 | 1216.848 | 21-08***83<br>♂ | 65.517 | 34.5594 |
| 452 | 56-RøMårîö LôFT                   | 16/30 | 17° | 21.13:34:34 | 261.0565 | 1216.668 | 21-03***31<br>♂ | 65.441 | 34.636  |
| 453 | LOFT MAHMOUD<br>KOUTABI           | 11/17 | 12° | 21.13:34:47 | 261.1742 | 1215.99  | 19-30***18<br>♀ | 65.364 | 34.7126 |
| 454 | 02-ABDILAH BOUFAN                 | 6/17  | 7°  | 21.13:33:26 | 259.4638 | 1215.666 | 21-78***14<br>♂ | 65.287 | 34.7893 |
| 455 | 17-JILALI BOUKHRISSE              | 0/11  | 2°  | 21.13:32:18 | 258.0773 | 1215.624 | 21-03***90<br>♀ | 65.211 | 34.8659 |
| 456 | 96_ IMAD HASSI                    | 1/0   | 2°  | 21.13:35:02 | 261.3807 | 1215.534 | 20-98***05<br>♀ | 65.134 | 34.9425 |
| 457 | 56-RøMårîö LôFT                   | 16/30 | 18° | 21.13:34:50 | 261.0565 | 1215.156 | 21-12***32<br>♀ | 65.058 | 35.0192 |
| 458 | 21-LOFT ABDEMOTALIB               | 10/33 | 12° | 21.13:34:27 | 260.5589 | 1215.012 | 18-17***77<br>♂ | 64.981 | 35.0958 |
| 459 | 48-LOFTE.H.K                      | 8/0   | 9°  | 21.13:34:07 | 260.1451 | 1214.97  | 21-08***80<br>♀ | 64.904 | 35.1724 |
| 460 | 26-LOFT AYOUB                     | 4/19  | 6°  | 21.13:35:24 | 261.6484 | 1214.712 | 20-11***29<br>♀ | 64.828 | 35.249  |
| 461 | SOUFIANE                          | 0/7   | 1°  | 21.13:30:41 | 255.7505 | 1213.908 | 21-82***83<br>♀ | 64.751 | 35.3257 |
| 462 | ابو اسامة خولة81_                 | 6/29  | 8°  | 21.13:31:29 | 256.5168 | 1212.942 | 19-97***33<br>♂ | 64.674 | 35.4023 |
| 463 | 12-FRÉRES SMIHI                   | 10/0  | 11° | 21.13:32:44 | 258.0283 | 1212.918 | 20-00***02<br>♂ | 64.598 | 35.4789 |
| 464 | 30-LOFT FRERE LA<br>KHOUATI       | 14/45 | 16° | 21.13:35:25 | 261.2776 | 1212.894 | 21-38***54<br>♂ | 64.521 | 35.5556 |
| 465 | 95_TBAIKHI/BOUZIDI/EL<br>CHAKOURI | 4/13  | 5°  | 21.13:31:35 | 256.5785 | 1212.66  | 21-26***25<br>♂ | 64.444 | 35.6322 |
| 466 | 33-LOFT FRÈRE JENHANI             | 9/36  | 11° | 21.13:36:21 | 262.268  | 1212.24  | 20-38***87<br>♀ | 64.368 | 35.7088 |
| 467 | 80_BARBACH FAMILY<br>LOFT         | 11/21 | 12° | 21.13:35:41 | 261.3727 | 1211.838 | 21-01***03<br>♂ | 64.291 | 35.7854 |
| 468 | 104 IKHWAN BLHMIRA                | 9/28  | 11° | 21.13:36:31 | 262.3554 | 1211.712 | 20-01***49<br>♀ | 64.215 | 35.8621 |
| 469 | LOFT MAHMOUD<br>KOUTABI           | 11/17 | 13° | 21.13:35:57 | 261.1742 | 1209.42  | 20-28***82<br>♂ | 64.138 | 35.9387 |
| 470 | 33-LOFT FRÈRE JENHANI             | 9/36  | 12° | 21.13:37:02 | 262.268  | 1208.424 | 18-09***03<br>♂ | 64.061 | 36.0153 |

| Cls | Nom                            | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 471 | 13-FRÉRES ZERDAMI              | 5/0   | 6°  | 21.13:33:20 | 257.6533 | 1207.752 | 21-35***87<br>♀ | 63.985 | 36.092  |
| 472 | ابو اسامة خولة81_              | 6/29  | 9°  | 21.13:32:40 | 256.5168 | 1206.192 | 19-70***24<br>♀ | 63.908 | 36.1686 |
| 473 | 95_TBAIKHI/BOUZIDI/EL CHAKOURI | 4/13  | 6°  | 21.13:32:59 | 256.5785 | 1204.686 | 21-26***18<br>♀ | 63.831 | 36.2452 |
| 474 | 42-LOFT SAID KAMAL             | 7/19  | 8°  | 21.13:36:13 | 260.4123 | 1204.404 | 21-79***70<br>♀ | 63.755 | 36.3218 |
| 475 | 28-LOFT FARID                  | 16/32 | 20° | 21.13:37:47 | 262.192  | 1203.912 | 21-98***64<br>♀ | 63.678 | 36.3985 |
| 476 | 13-FRÉRES ZERDAMI              | 5/0   | 7°  | 21.13:34:11 | 257.6533 | 1202.958 | 21-35***96<br>♂ | 63.602 | 36.4751 |
| 477 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 17° | 21.13:37:13 | 261.2776 | 1202.844 | 18-02***59<br>♂ | 63.525 | 36.5517 |
| 478 | 33-LOFT FRÈRE JENHANI          | 9/36  | 13° | 21.13:38:03 | 262.268  | 1202.79  | 21-10***13<br>♂ | 63.448 | 36.6284 |
| 479 | 28-LOFT FARID                  | 16/32 | 21° | 21.13:38:03 | 262.192  | 1202.442 | 21-98***63<br>♀ | 63.372 | 36.705  |
| 480 | IKHWANE YASSINE/ACHRAF 01      | 2/16  | 4°  | 21.13:38:05 | 262.2304 | 1202.43  | 21-11***13<br>♀ | 63.295 | 36.7816 |
| 481 | 13-FRÉRES ZERDAMI              | 5/0   | 8°  | 21.13:34:18 | 257.6533 | 1202.304 | 19-39***99<br>♀ | 63.218 | 36.8582 |
| 482 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 18° | 21.13:37:24 | 261.2776 | 1201.83  | 21-39***00<br>♂ | 63.142 | 36.9349 |
| 483 | IKHWANE YASSINE/ACHRAF 01      | 2/16  | 5°  | 21.13:38:13 | 262.2304 | 1201.698 | 17-94***75<br>♀ | 63.065 | 37.0115 |
| 484 | 33-LOFT FRÈRE JENHANI          | 9/36  | 14° | 21.13:38:20 | 262.268  | 1201.23  | 19-19***51<br>♀ | 62.989 | 37.0881 |
| 485 | 42-LOFT SAID KAMAL             | 7/19  | 9°  | 21.13:36:54 | 260.4123 | 1200.612 | 21-79***83<br>♂ | 62.912 | 37.1648 |
| 485 | SOUFIANE                       | 0/7   | 2°  | 21.13:33:01 | 255.7505 | 1200.612 | 21-82***77<br>♂ | 62.912 | 37.1648 |
| 487 | 58-LOFT OTMANE MAHFOUDI        | 0/12  | 1°  | 21.13:34:53 | 257.8939 | 1200.156 | 16-16***62<br>♂ | 62.759 | 37.318  |
| 488 | 18-KARIM LOFT                  | 10/15 | 11° | 21.13:37:10 | 260.5275 | 1199.664 | 19-26***46<br>♀ | 62.682 | 37.3946 |
| 489 | 104 IKHWAN BLHMIRA             | 9/28  | 12° | 21.13:38:52 | 262.3554 | 1198.698 | 20-01***55<br>♂ | 62.605 | 37.4713 |
| 490 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 19° | 21.13:38:01 | 261.2776 | 1198.428 | 19-07***47<br>♂ | 62.529 | 37.5479 |
| 491 | ابو اسامة خولة81_              | 6/29  | 10° | 21.13:34:03 | 256.5168 | 1198.398 | 20-01***89<br>♀ | 62.452 | 37.6245 |
| 492 | 19-KOUCHI                      | 3/14  | 6°  | 21.13:38:05 | 261.3091 | 1198.206 | 18-88***81<br>♀ | 62.376 | 37.7011 |
| 493 | HOUSSINE SABRANI               | 3/22  | 4°  | 21.13:37:57 | 261.1305 | 1198.122 | 20-01***75<br>♂ | 62.299 | 37.7778 |
| 494 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 20° | 21.13:38:13 | 261.2776 | 1197.33  | 21-38***72<br>♀ | 62.222 | 37.8544 |
| 495 | 30-LOFT FRERE LA KHOUATI       | 14/45 | 21° | 21.13:38:23 | 261.2776 | 1196.418 | 17-27***00<br>♂ | 62.146 | 37.931  |
| 496 | إخوان حجار-62                  | 6/10  | 7°  | 21.13:39:17 | 262.2711 | 1196.04  | 21-30***73<br>♂ | 62.069 | 38.0077 |
| 497 | 05-BENDAMI SOLTANA             | 4/9   | 5°  | 21.13:37:16 | 259.4957 | 1194.366 | 19-35***69<br>♂ | 61.992 | 38.0843 |
| 498 | BADR GAMRANI                   | 0/9   | 1°  | 21.13:38:54 | 261.2776 | 1193.592 | 21-20***23<br>♀ | 61.916 | 38.1609 |

| Cls | Nom                       | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|---------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 499 | 18-KARIM LOFT             | 10/15 | 12° | 21.13:38:17 | 260.5275 | 1193.532 | 21-17***35<br>♂ | 61.839 | 38.2375 |
| 500 | 27-LOFT CHAABI            | 3/19  | 4°  | 21.13:37:11 | 259.0535 | 1192.788 | 20-00***47<br>♀ | 61.763 | 38.3142 |
| 501 | 80_BARBACH FAMILY LOFT    | 11/21 | 13° | 21.13:39:09 | 261.3727 | 1192.668 | 21-67***61<br>♂ | 61.686 | 38.3908 |
| 502 | 48-LOFTE.H.K              | 8/0   | 10° | 21.13:38:09 | 260.1451 | 1192.506 | 21-20***07<br>♀ | 61.609 | 38.4674 |
| 503 | ابو اسامة خولة_81         | 6/29  | 11° | 21.13:35:08 | 256.5168 | 1192.362 | 19-94***88<br>♀ | 61.533 | 38.5441 |
| 504 | 22-LOFT ABDESSAMAD        | 0/17  | 2°  | 21.13:36:10 | 257.6533 | 1191.918 | 19-85***52<br>♂ | 61.456 | 38.6207 |
| 505 | ابو اسامة خولة_81         | 6/29  | 12° | 21.13:35:17 | 256.5168 | 1191.534 | 21-19***0♀      | 61.379 | 38.6973 |
| 506 | 80_BARBACH FAMILY LOFT    | 11/21 | 14° | 21.13:39:34 | 261.3727 | 1190.4   | 20-06***20<br>♂ | 61.303 | 38.7739 |
| 507 | YOUNES HASSANI            | 3/12  | 5°  | 21.13:38:00 | 259.428  | 1190.034 | 18-88***87<br>♂ | 61.226 | 38.8506 |
| 508 | IKHWANE YASSINE/ACHRAF 01 | 2/16  | 6°  | 21.13:40:26 | 262.2304 | 1189.614 | 17-34***46<br>♂ | 61.149 | 38.9272 |
| 509 | 75:                       | 8/7   | 9°  | 21.13:39:48 | 261.3728 | 1189.14  | 17-14***08<br>♂ | 61.073 | 39.0038 |
| 510 | 75:                       | 8/7   | 10° | 21.13:40:10 | 261.3728 | 1187.16  | 21-67***27<br>♀ | 60.996 | 39.0805 |
| 511 | 05-BENDAMI SOLTANA        | 4/9   | 6°  | 21.13:38:36 | 259.4957 | 1187.082 | 18-78***47<br>♀ | 60.92  | 39.1571 |
| 512 | 58-LOFT OTMANE MAHFOUDI   | 0/12  | 2°  | 21.13:37:27 | 257.8939 | 1185.99  | 19-62***03<br>♀ | 60.843 | 39.2337 |
| 513 | 30-LOFT FRERE LA KHOUATI  | 14/45 | 22° | 21.13:40:27 | 261.2776 | 1185.204 | 20-51***46<br>♂ | 60.766 | 39.3103 |
| 514 | 21-LOFT ABDEMOTALIB       | 10/33 | 13° | 21.13:39:58 | 260.5589 | 1184.538 | 21-28***26<br>♂ | 60.69  | 39.387  |
| 515 | 30-LOFT FRERE LA KHOUATI  | 14/45 | 23° | 21.13:40:38 | 261.2776 | 1184.214 | 21-39***24<br>♂ | 60.613 | 39.4636 |
| 516 | IKHWANE YASSINE/ACHRAF 01 | 2/16  | 7°  | 21.13:41:29 | 262.2304 | 1183.974 | 21-33***64<br>♀ | 60.536 | 39.5402 |
| 517 | LOFT ALLIGATOR            | 0/15  | 1°  | 21.13:38:52 | 258.9079 | 1182.948 | 21-39***31<br>♀ | 60.46  | 39.6169 |
| 518 | 30-LOFT FRERE LA KHOUATI  | 14/45 | 24° | 21.13:40:54 | 261.2776 | 1182.786 | 21-38***30<br>♀ | 60.383 | 39.6935 |
| 519 | MESTAFI ZERAY9A           | 0/22  | 1°  | 21.13:40:08 | 260.3506 | 1182.696 | 20-00***45<br>♂ | 60.307 | 39.7701 |
| 520 | 28-LOFT FARID             | 16/32 | 22° | 21.13:41:44 | 262.192  | 1182.468 | 21-63***24<br>♂ | 60.23  | 39.8467 |
| 521 | 58-LOFT OTMANE MAHFOUDI   | 0/12  | 3°  | 21.13:38:09 | 257.8939 | 1182.186 | 19-62***06<br>♂ | 60.153 | 39.9234 |
| 522 | LOFT ABDO MAZAGAN         | 10/17 | 11° | 21.13:39:38 | 259.5802 | 1181.88  | 19-08***09<br>♀ | 60.077 | 40      |
| 523 | LOFT ALLIGATOR            | 0/15  | 2°  | 21.13:39:06 | 258.9079 | 1181.688 | 21-14***78<br>♀ | 60     | 40.0766 |
| 524 | 30-LOFT FRERE LA KHOUATI  | 14/45 | 25° | 21.13:41:09 | 261.2776 | 1181.448 | 19-18***94<br>♀ | 59.923 | 40.1533 |
| 525 | 28-LOFT FARID             | 16/32 | 23° | 21.13:42:02 | 262.192  | 1180.866 | 21-19***04<br>♂ | 59.847 | 40.2299 |
| 526 | 02-ABDILAH BOUFAN         | 6/17  | 8°  | 21.13:39:53 | 259.4638 | 1180.008 | 20-40***74<br>♂ | 59.77  | 40.3065 |

| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 527 | 75:                      | 8/7   | 11° | 21.13:41:58 | 261.3728 | 1177.53  | 20-00***93<br>♀ | 59.694 | 40.3831 |
| 528 | ابو اسامة خولة_81        | 6/29  | 13° | 21.13:37:53 | 256.5168 | 1177.314 | 20-62***34<br>♂ | 59.617 | 40.4598 |
| 529 | 96_ IMAD HASSI           | 1/0   | 3°  | 21.13:42:08 | 261.3807 | 1176.684 | 19-41***36<br>♀ | 59.54  | 40.5364 |
| 530 | 97_VINAS MALKI           | 1/31  | 2°  | 21.13:42:08 | 261.2911 | 1176.282 | 19-33***33<br>♀ | 59.464 | 40.613  |
| 531 | 58-LOFT OTMANE MAHFOUDI  | 0/12  | 4°  | 21.13:39:47 | 257.8939 | 1173.402 | 20-06***00<br>♂ | 59.387 | 40.6897 |
| 532 | بطشح_83                  | 1/19  | 2°  | 21.13:43:09 | 261.8077 | 1173.234 | 17-06***67<br>♀ | 59.31  | 40.7663 |
| 533 | بطشح_83                  | 1/19  | 3°  | 21.13:43:25 | 261.8077 | 1171.836 | 21-46***35<br>♀ | 59.234 | 40.8429 |
| 534 | 56-RøMårîö LøFT          | 16/30 | 19° | 21.13:42:56 | 261.0565 | 1171.008 | 21-03***96<br>♂ | 59.157 | 40.9195 |
| 535 | LOFT MAHMOUD KOUTABI     | 11/17 | 14° | 21.13:43:23 | 261.1742 | 1169.178 | 18-58***69<br>♀ | 59.081 | 40.9962 |
| 536 | LOFT MAHMOUD KOUTABI     | 11/17 | 15° | 21.13:43:33 | 261.1742 | 1168.302 | 20-06***01<br>♀ | 59.004 | 41.0728 |
| 537 | 96_ IMAD HASSI           | 1/0   | 4°  | 21.13:43:48 | 261.3807 | 1167.918 | 19-64***36<br>♀ | 58.927 | 41.1494 |
| 538 | 75:                      | 8/7   | 12° | 21.13:44:01 | 261.3728 | 1166.754 | 21-00***51<br>♂ | 58.851 | 41.2261 |
| 539 | 38-LOFT MJID ET NAWFAL   | 0/21  | 1°  | 21.13:44:59 | 262.4139 | 1166.37  | 19-89***12<br>♀ | 58.774 | 41.3027 |
| 540 | 66-YOUSSEF YASSINE       | 5/20  | 6°  | 21.13:44:32 | 261.8732 | 1166.298 | 21-30***07<br>♀ | 58.697 | 41.3793 |
| 541 | إخوان حجار-62            | 6/10  | 8°  | 21.13:44:55 | 262.2711 | 1166.082 | 21-41***19<br>♀ | 58.621 | 41.4559 |
| 542 | ابو اسامة خولة_81        | 6/29  | 14° | 21.13:40:09 | 256.5168 | 1165.188 | 19-02***65<br>♂ | 58.544 | 41.5326 |
| 543 | ابو اسامة خولة_81        | 6/29  | 15° | 21.13:40:34 | 256.5168 | 1162.992 | 20-29***25<br>♀ | 58.467 | 41.6092 |
| 544 | BIBICHA                  | 4/7   | 5°  | 21.13:44:53 | 261.3935 | 1162.35  | 21-77***11<br>♀ | 58.391 | 41.6858 |
| 545 | 30-LOFT FRERE LA KHOUATI | 14/45 | 26° | 21.13:44:50 | 261.2776 | 1162.092 | 20-47***28<br>♀ | 58.314 | 41.7625 |
| 546 | 56-RøMårîö LøFT          | 16/30 | 20° | 21.13:44:58 | 261.0565 | 1160.424 | 21-03***39<br>♀ | 58.238 | 41.8391 |
| 547 | 75:                      | 8/7   | 13° | 21.13:45:30 | 261.3728 | 1159.08  | 21-05***98<br>♀ | 58.161 | 41.9157 |
| 548 | 33-LOFT FRÈRE JENHANI    | 9/36  | 15° | 21.13:46:29 | 262.268  | 1158     | 19-10***08<br>♂ | 58.084 | 41.9923 |
| 549 | 16-LøFT SAAD             | 0/3   | 1°  | 21.13:42:02 | 256.7946 | 1156.56  | 21-31***96<br>♀ | 58.008 | 42.069  |
| 550 | 96_ IMAD HASSI           | 1/0   | 5°  | 21.13:46:16 | 261.3807 | 1155.186 | 19-21***73<br>♀ | 57.931 | 42.1456 |
| 551 | روصاقي-68                | 3/24  | 4°  | 21.13:47:22 | 262.3389 | 1153.812 | 21-14***4♀      | 57.854 | 42.2222 |
| 552 | ابو اسامة خولة_81        | 6/29  | 16° | 21.13:42:37 | 256.5168 | 1152.282 | 21-06***97<br>♀ | 57.778 | 42.2989 |
| 553 | MESTAFA ZERAY9A          | 0/22  | 2°  | 21.13:45:59 | 260.3506 | 1152.078 | 21-28***76<br>♀ | 57.701 | 42.3755 |
| 554 | عبدالغاني حجار-67        | 0/0   | 1°  | 21.13:46:09 | 260.3471 | 1151.214 | 19-92***15<br>♀ | 57.625 | 42.4521 |



| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 555 | 30-LOFT FRERE LA KHOUATI | 14/45 | 27° | 21.13:47:02 | 261.2776 | 1150.836 | 21-39***98<br>♀ | 57.548 | 42.5287 |
| 556 | MESTAFA ZERAY9A          | 0/22  | 3°  | 21.13:46:22 | 260.3506 | 1150.128 | 21-11***05<br>♀ | 57.471 | 42.6054 |
| 557 | ابو اسامة خولة81_        | 6/29  | 17° | 21.13:43:32 | 256.5168 | 1147.554 | 17-02***93<br>♀ | 57.395 | 42.682  |
| 558 | 80_BARBACH FAMILY LOFT   | 11/21 | 15° | 21.13:47:56 | 261.3727 | 1146.708 | 21-01***18<br>♂ | 57.318 | 42.7586 |
| 559 | 28-LOFT FARID            | 16/32 | 24° | 21.13:48:54 | 262.192  | 1145.442 | 21-98***66<br>♀ | 57.241 | 42.8352 |
| 560 | 38-LOFT MJID ET NAWFAL   | 0/21  | 2°  | 21.13:49:17 | 262.4139 | 1144.494 | 21-22***75<br>♀ | 57.165 | 42.9119 |
| 561 | 33-LOFT FRÈRE JENHANI    | 9/36  | 16° | 21.13:49:10 | 262.268  | 1144.44  | 20-38***00<br>♂ | 57.088 | 42.9885 |
| 562 | 33-LOFT FRÈRE JENHANI    | 9/36  | 17° | 21.13:49:33 | 262.268  | 1142.532 | 21-10***16<br>♂ | 57.012 | 43.0651 |
| 563 | 12-FRÉRES SMIHI          | 10/0  | 12° | 21.13:46:10 | 258.0283 | 1140.876 | 20-00***54<br>♀ | 56.935 | 43.1418 |
| 564 | بطشج_83                  | 1/19  | 4°  | 21.13:49:41 | 261.8077 | 1139.862 | 21-41***37<br>♀ | 56.858 | 43.2184 |
| 565 | 74- LOFT AYOUB AMMAR     | 8/7   | 11° | 21.13:47:09 | 258.8528 | 1139.568 | 18-82***08<br>♀ | 56.782 | 43.295  |
| 566 | بطشج_83                  | 1/19  | 5°  | 21.13:49:58 | 261.8077 | 1138.458 | 21-05***53<br>♀ | 56.705 | 43.3716 |
| 567 | LOFT ABDO MAZAGAN        | 10/17 | 12° | 21.13:48:02 | 259.5802 | 1138.344 | 21-03***95<br>♂ | 56.628 | 43.4483 |
| 568 | 104 IKHWAN BLHMIRA       | 9/28  | 13° | 21.13:50:34 | 262.3554 | 1137.87  | 20-01***40<br>♀ | 56.552 | 43.5249 |
| 569 | 56-RøMärîö LôFT          | 16/30 | 21° | 21.13:49:41 | 261.0565 | 1136.592 | 19-71***46<br>♂ | 56.475 | 43.6015 |
| 570 | روصاقي-68                | 3/24  | 5°  | 21.13:50:56 | 262.3389 | 1135.992 | 19-45***24<br>♂ | 56.399 | 43.6782 |
| 571 | ميلودالسايج_98           | 1/13  | 2°  | 21.13:50:00 | 261.2678 | 1135.95  | 19-94***17<br>♂ | 56.322 | 43.7548 |
| 572 | 21-LOFT ABDEMOTALIB      | 10/33 | 14° | 21.13:49:35 | 260.5589 | 1134.918 | 21-28***19<br>♂ | 56.245 | 43.8314 |
| 573 | ZAKARIA NAHI             | 4/7   | 5°  | 21.13:49:09 | 259.9154 | 1134.258 | 20-07***53<br>♀ | 56.169 | 43.908  |
| 574 | 56-RøMärîö LôFT          | 16/30 | 22° | 21.13:50:10 | 261.0565 | 1134.204 | 21-12***82<br>♀ | 56.092 | 43.9847 |
| 575 | SOUFIANE                 | 0/7   | 3°  | 21.13:45:41 | 255.7505 | 1133.226 | 20-08***90<br>♂ | 56.015 | 44.0613 |
| 576 | ابو اسامة خولة81_        | 6/29  | 18° | 21.13:46:34 | 256.5168 | 1132.194 | 20-01***94<br>♂ | 55.939 | 44.1379 |
| 577 | 28-LOFT FARID            | 16/32 | 25° | 21.13:51:41 | 262.192  | 1131.684 | 21-52***31<br>♀ | 55.862 | 44.2146 |
| 578 | LA FAMILLE KOUTMAN       | 1/12  | 3°  | 21.13:49:18 | 259.4755 | 1131.6   | 21-31***64<br>♀ | 55.785 | 44.2912 |
| 579 | 21-LOFT ABDEMOTALIB      | 10/33 | 15° | 21.13:50:37 | 260.5589 | 1129.836 | 21-28***23<br>♂ | 55.709 | 44.3678 |
| 580 | 74- LOFT AYOUB AMMAR     | 8/7   | 12° | 21.13:49:12 | 258.8528 | 1129.374 | 19-47***04<br>♂ | 55.632 | 44.4444 |
| 581 | 21-LOFT ABDEMOTALIB      | 10/33 | 16° | 21.13:50:48 | 260.5589 | 1128.936 | 21-28***47<br>♂ | 55.556 | 44.5211 |
| 582 | ابو اسامة خولة81_        | 6/29  | 19° | 21.13:47:24 | 256.5168 | 1128.042 | 19-02***71<br>♀ | 55.479 | 44.5977 |
| 583 | عبدالغاني حجار-67        | 0/0   | 2°  | 21.13:50:55 | 260.3471 | 1127.448 | 19-53***91<br>♂ | 55.402 | 44.6743 |

| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|--------------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 584 | 66-YOUSSEF YASSINE       | 5/20  | 7°  | 21.13:52:34 | 261.8732 | 1126.014 | 19-38***17♂ | 55.326 | 44.751  |
| 585 | 96_ IMAD HASSI           | 1/0   | 6°  | 21.13:52:08 | 261.3807 | 1125.996 | 21-06***51♀ | 55.249 | 44.8276 |
| 586 | ابو اسامة خولة81_        | 6/29  | 20° | 21.13:47:51 | 256.5168 | 1125.816 | 18-42***99♀ | 55.172 | 44.9042 |
| 587 | عبدالغاني حجار-67        | 0/0   | 3°  | 21.13:51:25 | 260.3471 | 1125.012 | 19-21***43♂ | 55.096 | 44.9808 |
| 588 | 05-BENDAMI SOLTANA       | 4/9   | 7°  | 21.13:50:41 | 259.4957 | 1124.898 | 21-39***40♀ | 55.019 | 45.0575 |
| 589 | ميلودالسايح_98           | 1/13  | 3°  | 21.13:52:31 | 261.2678 | 1123.65  | 19-99***16♂ | 54.943 | 45.1341 |
| 590 | روصاقي-68                | 3/24  | 6°  | 21.13:53:33 | 262.3389 | 1123.266 | 21-16***5♂  | 54.866 | 45.2107 |
| 591 | 22-LOFT ABDESSAMAD       | 0/17  | 3°  | 21.13:49:29 | 257.6533 | 1122.756 | 20-01***14♂ | 54.789 | 45.2874 |
| 592 | 74- LOFT AYOUB AMMAR     | 8/7   | 13° | 21.13:50:34 | 258.8528 | 1122.678 | 21-31***03♂ | 54.713 | 45.364  |
| 593 | 23-LOFT ACHRAF RW        | 11/21 | 13° | 21.13:50:14 | 258.1307 | 1121.172 | 20-02***28♀ | 54.636 | 45.4406 |
| 594 | 22-LOFT ABDESSAMAD       | 0/17  | 4°  | 21.13:49:57 | 257.6533 | 1120.476 | 21-84***7♂  | 54.559 | 45.5172 |
| 595 | 38-LOFT MJID ET NAWFAL   | 0/21  | 3°  | 21.13:54:12 | 262.4139 | 1120.47  | 21-49***92♂ | 54.483 | 45.5939 |
| 596 | 38-LOFT MJID ET NAWFAL   | 0/21  | 4°  | 21.13:54:19 | 262.4139 | 1119.912 | 18-42***28♀ | 54.406 | 45.6705 |
| 597 | ZAKARIA NAHI             | 4/7   | 6°  | 21.13:52:17 | 259.9154 | 1118.958 | 21-08***38♂ | 54.33  | 45.7471 |
| 598 | ابو اسامة خولة81_        | 6/29  | 21° | 21.13:49:38 | 256.5168 | 1117.074 | 21-07***14♀ | 54.253 | 45.8238 |
| 599 | 96_ IMAD HASSI           | 1/0   | 7°  | 21.13:54:02 | 261.3807 | 1116.852 | 18-44***16♀ | 54.176 | 45.9004 |
| 600 | 30-LOFT FRERE LA KHOUATI | 14/45 | 28° | 21.13:54:13 | 261.2776 | 1115.538 | 21-38***69♂ | 54.1   | 45.977  |
| 601 | 30-LOFT FRERE LA KHOUATI | 14/45 | 29° | 21.13:54:18 | 261.2776 | 1115.142 | 21-39***84♂ | 54.023 | 46.0536 |
| 602 | 16-LôFT SAAD             | 0/3   | 2°  | 21.13:50:32 | 256.7946 | 1113.918 | 20-00***18♀ | 53.946 | 46.1303 |
| 603 | SOUFIANE                 | 0/7   | 4°  | 21.13:49:49 | 255.7505 | 1112.844 | 21-08***35♀ | 53.87  | 46.2069 |
| 604 | 33-LOFT FRÈRE JENHANI    | 9/36  | 18° | 21.13:55:58 | 262.268  | 1111.464 | 20-66***68♀ | 53.793 | 46.2835 |
| 605 | عبدالغاني حجار-67        | 0/0   | 4°  | 21.13:54:26 | 260.3471 | 1110.54  | 19-92***95♂ | 53.717 | 46.3602 |
| 606 | 33-LOFT FRÈRE JENHANI    | 9/36  | 19° | 21.13:56:12 | 262.268  | 1110.366 | 21-10***17♂ | 53.64  | 46.4368 |
| 607 | عبدالغاني حجار-67        | 0/0   | 5°  | 21.13:54:58 | 260.3471 | 1108.02  | 19-21***28♀ | 53.563 | 46.5134 |
| 608 | 75:                      | 8/7   | 14° | 21.13:56:12 | 261.3728 | 1106.574 | 20-07***71♀ | 53.487 | 46.59   |
| 609 | 21-LOFT ABDEMOTALIB      | 10/33 | 17° | 21.13:55:34 | 260.5589 | 1106.094 | 20-00***04♂ | 53.41  | 46.6667 |
| 610 | 75:                      | 8/7   | 15° | 21.13:56:32 | 261.3728 | 1105.014 | 18-47***98♂ | 53.333 | 46.7433 |
| 611 | 96_ IMAD HASSI           | 1/0   | 8°  | 21.13:56:35 | 261.3807 | 1104.816 | 19-89***69♀ | 53.257 | 46.8199 |
| 612 | LA FAMILLE KOUTMAN       | 1/12  | 4°  | 21.13:55:04 | 259.4755 | 1103.838 | 17-16***81♀ | 53.18  | 46.8966 |

| Cls | Nom                      | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|--------------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 613 | 104 IKHWAN BLHMIRA       | 9/28  | 14° | 21.13:57:52 | 262.3554 | 1102.95  | 20-01***65<br>♀ | 53.103 | 46.9732 |
| 614 | ابو اسامة خولة_81        | 6/29  | 22° | 21.13:53:22 | 256.5168 | 1099.2   | 19-18***22<br>♂ | 53.027 | 47.0498 |
| 615 | 33-LOFT FRÈRE JENHANI    | 9/36  | 20° | 21.13:58:40 | 262.268  | 1098.888 | 21-10***01<br>♀ | 52.95  | 47.1264 |
| 616 | 56-RøMårîö LÔFT          | 16/30 | 23° | 21.13:57:34 | 261.0565 | 1098.876 | 17-12***00<br>♂ | 52.874 | 47.2031 |
| 617 | SOUFIANE                 | 0/7   | 5°  | 21.13:53:02 | 255.7505 | 1097.484 | 21-27***58<br>♂ | 52.797 | 47.2797 |
| 618 | BIBICHA                  | 4/7   | 6°  | 21.13:58:28 | 261.3935 | 1096.14  | 18-26***23<br>♂ | 52.72  | 47.3563 |
| 619 | 96_ IMAD HASSI           | 1/0   | 9°  | 21.13:58:55 | 261.3807 | 1094.022 | 20-00***46<br>♂ | 52.644 | 47.433  |
| 620 | 74- LOFT AYOUB AMMAR     | 8/7   | 14° | 21.13:58:02 | 258.8528 | 1087.464 | 21-16***53<br>♂ | 52.567 | 47.5096 |
| 621 | 104 IKHWAN BLHMIRA       | 9/28  | 15° | 21.14:01:26 | 262.3554 | 1086.66  | 20-01***46<br>♂ | 52.49  | 47.5862 |
| 622 | LA FAMILLE KOUTMAN       | 1/12  | 5°  | 21.13:59:08 | 259.4755 | 1085.064 | 21-44***96<br>♀ | 52.414 | 47.6628 |
| 623 | LOFT ABDO MAZAGAN        | 10/17 | 13° | 21.13:59:19 | 259.5802 | 1084.674 | 21-03***84<br>♂ | 52.337 | 47.7395 |
| 624 | LA FAMILLE KOUTMAN       | 1/12  | 6°  | 21.13:59:41 | 259.4755 | 1082.574 | 20-49***02<br>♂ | 52.261 | 47.8161 |
| 625 | 56-RøMårîö LÔFT          | 16/30 | 24° | 21.14:02:26 | 261.0565 | 1076.82  | 19-36***44<br>♂ | 52.184 | 47.8927 |
| 626 | LA FAMILLE KOUTMAN       | 1/12  | 7°  | 21.14:01:31 | 259.4755 | 1074.36  | 21-44***90<br>♂ | 52.107 | 47.9693 |
| 627 | 75:                      | 8/7   | 16° | 21.14:03:51 | 261.3728 | 1071.858 | 20-79***06<br>♀ | 52.031 | 48.046  |
| 628 | LA FAMILLE KOUTMAN       | 1/12  | 8°  | 21.14:02:22 | 259.4755 | 1070.592 | 21-01***19<br>♂ | 51.954 | 48.1226 |
| 629 | 66-YOUSSEF YASSINE       | 5/20  | 8°  | 21.14:04:52 | 261.8732 | 1069.452 | 21-33***06<br>♂ | 51.877 | 48.1992 |
| 630 | 96_ IMAD HASSI           | 1/0   | 10° | 21.14:05:03 | 261.3807 | 1066.644 | 19-88***63<br>♀ | 51.801 | 48.2759 |
| 631 | 30-LOFT FRERE LA KHOUATI | 14/45 | 30° | 21.14:05:27 | 261.2776 | 1064.484 | 21-38***79<br>♂ | 51.724 | 48.3525 |
| 632 | 30-LOFT FRERE LA KHOUATI | 14/45 | 31° | 21.14:05:51 | 261.2776 | 1062.75  | 21-38***77<br>♂ | 51.648 | 48.4291 |
| 633 | 33-LOFT FRÈRE JENHANI    | 9/36  | 21° | 21.14:06:51 | 262.268  | 1062.462 | 18-10***69<br>♂ | 51.571 | 48.5057 |
| 634 | ابو اسامة خولة_81        | 6/29  | 23° | 21.14:02:28 | 256.5168 | 1057.944 | 19-61***81<br>♂ | 51.494 | 48.5824 |
| 635 | ميلودالسايج_98           | 1/13  | 4°  | 21.14:07:10 | 261.2678 | 1057.05  | 19-94***20<br>♂ | 51.418 | 48.659  |
| 636 | ابو اسامة خولة_81        | 6/29  | 24° | 21.14:02:46 | 256.5168 | 1056.642 | 19-17***61<br>♀ | 51.341 | 48.7356 |
| 637 | 58-LOFT OTMANE MAHFOUDI  | 0/12  | 5°  | 21.14:06:54 | 257.8939 | 1044.528 | 19-00***23<br>♀ | 51.264 | 48.8123 |
| 638 | LOFT ALLIGATOR           | 0/15  | 3°  | 21.14:09:11 | 258.9079 | 1039.026 | 21-39***32<br>♂ | 51.188 | 48.8889 |
| 639 | LOFT ALLIGATOR           | 0/15  | 4°  | 21.14:09:58 | 258.9079 | 1035.768 | 19-34***09<br>♀ | 51.111 | 48.9655 |
| 640 | LOFT ALLIGATOR           | 0/15  | 5°  | 21.14:10:20 | 258.9079 | 1034.25  | 21-39***30<br>♂ | 51.035 | 49.0421 |
| 641 | LOFT ABDO MAZAGAN        | 10/17 | 14° | 21.14:14:18 | 259.5802 | 1020.762 | 21-03***90<br>♂ | 50.958 | 49.1188 |

| Cls | Nom                  | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague           | Point  | coef    |
|-----|----------------------|-------|-----|-------------|----------|----------|-----------------|--------|---------|
| 642 | BIBICHA              | 4/7   | 7°  | 21.14:17:37 | 261.3935 | 1014.66  | 22-47***52<br>♂ | 50.881 | 49.1954 |
| 643 | LOFT ALLIGATOR       | 0/15  | 6°  | 21.14:15:25 | 258.9079 | 1013.67  | 21-29***57<br>♂ | 50.805 | 49.272  |
| 644 | LOFT ALLIGATOR       | 0/15  | 7°  | 21.14:15:34 | 258.9079 | 1013.076 | 21-67***33<br>♀ | 50.728 | 49.3487 |
| 645 | 104 IKHWAN BLHMIRA   | 9/28  | 16° | 21.14:19:31 | 262.3554 | 1010.94  | 20-01***75<br>♀ | 50.651 | 49.4253 |
| 646 | LOFT ALLIGATOR       | 0/15  | 8°  | 21.14:16:11 | 258.9079 | 1010.634 | 21-20***10<br>♂ | 50.575 | 49.5019 |
| 647 | 104 IKHWAN BLHMIRA   | 9/28  | 17° | 21.14:20:26 | 262.3554 | 1007.382 | 20-01***52<br>♀ | 50.498 | 49.5785 |
| 648 | SOUFIANE             | 0/7   | 6°  | 21.14:13:56 | 255.7505 | 1007.154 | 19-91***64<br>♀ | 50.422 | 49.6552 |
| 649 | 21-LOFT ABDEMOTALIB  | 10/33 | 18° | 21.14:26:30 | 260.5589 | 977.706  | 19-79***15<br>♂ | 50.345 | 49.7318 |
| 650 | 21-LOFT ABDEMOTALIB  | 10/33 | 19° | 21.14:30:42 | 260.5589 | 962.538  | 21-28***22<br>♂ | 50.268 | 49.8084 |
| 651 | 28-LOFT FARID        | 16/32 | 26° | 21.14:32:42 | 262.192  | 961.464  | 21-22***41<br>♀ | 50.192 | 49.8851 |
| 652 | ابو اسامة خولة81_    | 6/29  | 25° | 21.14:29:38 | 256.5168 | 951.354  | 19-02***63<br>♀ | 50.115 | 49.9617 |
| 653 | ابو اسامة خولة81_    | 6/29  | 26° | 21.14:31:08 | 256.5168 | 946.092  | 21-35***16<br>♀ | 50.038 | 50.0383 |
| 654 | بطشج_83              | 1/19  | 6°  | 21.14:37:22 | 261.8077 | 943.902  | 19-41***43<br>♀ | 49.962 | 50.1149 |
| 655 | 74- LOFT AYOUB AMMAR | 8/7   | 15° | 21.14:38:13 | 258.8528 | 930.402  | 17-07***67<br>♂ | 49.885 | 50.1916 |
| 656 | LOFT ALLIGATOR       | 0/15  | 9°  | 21.14:43:27 | 258.9079 | 913.416  | 19-34***10      | 49.808 | 50.2682 |

google maps يتم احتساب المسافات بنظام

تم استخراج هذه النتيجة من الموقع PIGMA