

# EL YOUSOUFIA



345

1074

253 Km

69 Km/h

2020-02-08 11:50:00

32.30682, -8.56365

08:17,19:05

**VITESSE**

Lâcher EL YOUSOUFIA , 345 Pig Admis, 33 %

| Cls | Nom                    | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef   |
|-----|------------------------|-------|-----|-------------|----------|----------|-------------|--------|--------|
| 1   | FRERES LAALOU          | 49/57 | 1°  | 08.15:08:35 | 252.6295 | 1272.156 | 18-00***42♀ | 100    | 0.0955 |
| 2   | FRERE KHOULALI         | 5/15  | 1°  | 08.15:10:06 | 252.9898 | 1264.314 | 19-06***91♀ | 99.905 | 0.191  |
| 3   | FRERES LAALOU          | 49/57 | 2°  | 08.15:11:00 | 252.6295 | 1256.862 | 19-03***70♀ | 99.809 | 0.2865 |
| 4   | FRERES LAALOU          | 49/57 | 3°  | 08.15:11:01 | 252.6295 | 1256.76  | 18-00***57♀ | 99.714 | 0.382  |
| 5   | LOFT ZOUHOR YASSINE    | 6/15  | 1°  | 08.15:11:23 | 252.6365 | 1254.504 | 19-90***43♂ | 99.618 | 0.4776 |
| 6   | LOFT BONOUWARA         | 7/31  | 1°  | 08.15:11:12 | 252.0938 | 1252.95  | 19-07***48♀ | 99.522 | 0.5731 |
| 7   | FRERE KHOULALI         | 5/15  | 2°  | 08.15:12:17 | 252.9898 | 1250.67  | 19-58***83♀ | 99.427 | 0.6686 |
| 8   | OUSAMA KHOCHANE<br>103 | 2/5   | 1°  | 08.15:11:46 | 252.1431 | 1249.674 | 19-75***97♀ | 99.331 | 0.7641 |
| 9   | FRERES LAALOU          | 49/57 | 4°  | 08.15:12:19 | 252.6295 | 1248.684 | 18-00***50♀ | 99.236 | 0.8596 |
| 10  | LOFT TALBI ELMAARUFI   | 14/15 | 1°  | 08.15:12:44 | 253.0807 | 1248.342 | 18-11***12♀ | 99.14  | 0.9551 |
| 11  | LOFT TALBI ELMAARUFI   | 14/15 | 2°  | 08.15:12:51 | 253.0807 | 1247.622 | 19-62***25♂ | 99.045 | 1.0506 |
| 12  | BENBELLA               | 16/31 | 1°  | 08.15:12:55 | 253.046  | 1247.046 | 17-93***60♀ | 98.949 | 1.1461 |
| 13  | FRERES LAALOU          | 49/57 | 5°  | 08.15:12:59 | 252.6295 | 1244.58  | 18-00***49♂ | 98.854 | 1.2416 |
| 14  | ROCHDI ET SOUHILE      | 1/12  | 1°  | 08.15:13:09 | 252.7829 | 1244.316 | 19-72***39♀ | 98.758 | 1.3372 |
| 15  | FRERES LAALOU          | 49/57 | 6°  | 08.15:13:09 | 252.6295 | 1243.56  | 18-00***65♀ | 98.663 | 1.4327 |
| 16  | LOFT BONOUWARA         | 7/31  | 2°  | 08.15:13:07 | 252.0938 | 1241.13  | 19-33***92♀ | 98.567 | 1.5282 |
| 17  | FRERES ESSOUHI         | 19/48 | 1°  | 08.15:14:10 | 253.3474 | 1240.884 | 19-00***57♀ | 98.472 | 1.6237 |
| 18  | FRERES LAALOU          | 49/57 | 7°  | 08.15:14:17 | 252.6295 | 1236.66  | 18-00***70♀ | 98.376 | 1.7192 |
| 19  | FRERES LAALOU          | 49/57 | 8°  | 08.15:14:20 | 252.6295 | 1236.36  | 19-03***54♀ | 98.281 | 1.8147 |
| 20  | FRERES HAJAR           | 17/31 | 1°  | 08.15:14:35 | 252.8541 | 1235.946 | 18-29***30♀ | 98.185 | 1.9102 |
| 21  | FRERES BENTTAHRA       | 8/17  | 1°  | 08.15:14:28 | 252.4824 | 1234.836 | 18-31***03♂ | 98.09  | 2.0057 |
| 22  | BENBELLA               | 16/31 | 2°  | 08.15:15:02 | 253.046  | 1234.17  | 19-49***25♂ | 97.994 | 2.1012 |
| 23  | FRERES LAALOU          | 49/57 | 9°  | 08.15:14:42 | 252.6295 | 1234.146 | 18-00***71♀ | 97.899 | 2.1968 |
| 24  | FRERES LAALOU          | 49/57 | 10° | 08.15:14:44 | 252.6295 | 1233.942 | 18-00***59♀ | 97.803 | 2.2923 |
| 24  | FRERES LAALOU          | 49/57 | 11° | 08.15:14:44 | 252.6295 | 1233.942 | 17-01***08♂ | 97.803 | 2.2923 |
| 26  | FRERES LAALOU          | 49/57 | 12° | 08.15:14:46 | 252.6295 | 1233.744 | 19-07***69♀ | 97.612 | 2.4833 |
| 27  | LOFT AMZAR             | 7/12  | 1°  | 08.15:15:09 | 253.0196 | 1233.342 | 19-94***47♂ | 97.517 | 2.5788 |
| 28  | HICHAM LOFT KAMAL      | 17/37 | 1°  | 08.15:15:20 | 252.8791 | 1231.554 | 19-71***55♂ | 97.421 | 2.6743 |
| 29  | FRERES LAALOU          | 49/57 | 13° | 08.15:15:13 | 252.6295 | 1231.038 | 19-03***53♀ | 97.326 | 2.7698 |
| 30  | LOFT BORNIME           | 3/17  | 1°  | 08.15:14:52 | 252.1664 | 1230.882 | 19-16***12♀ | 97.23  | 2.8653 |
| 31  | BENBELLA               | 16/31 | 3°  | 08.15:15:41 | 253.046  | 1230.27  | 19-41***96♂ | 97.135 | 2.9608 |

| Cls | Nom                  | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef   |
|-----|----------------------|-------|-----|-------------|----------|----------|-------------|--------|--------|
| 32  | LOFT HICHAM          | 16/32 | 1°  | 08.15:15:33 | 252.8767 | 1230.246 | 18-08***02♂ | 97.039 | 3.0564 |
| 33  | LOFT TALBI ELMAARUFI | 14/15 | 3°  | 08.15:15:45 | 253.0807 | 1230.042 | 18-10***63♀ | 96.944 | 3.1519 |
| 34  | EL MEHDI EL QASERY   | 7/30  | 1°  | 08.15:15:59 | 253.3212 | 1229.814 | 19-39***16♀ | 96.848 | 3.2474 |
| 35  | ABDELWAHED TAHIRI    | 12/43 | 1°  | 08.15:15:58 | 253.1122 | 1228.896 | 19-53***19♀ | 96.753 | 3.3429 |
| 36  | FRERES ESSOUHI       | 19/48 | 2°  | 08.15:16:19 | 253.3474 | 1227.954 | 19-00***95♀ | 96.657 | 3.4384 |
| 37  | LOFT ZAAR            | 5/40  | 1°  | 08.15:16:08 | 253.0562 | 1227.636 | 19-02***60♀ | 96.562 | 3.5339 |
| 38  | LOFT BONOUWARA       | 7/31  | 3°  | 08.15:15:22 | 252.0938 | 1227.528 | 19-07***78♀ | 96.466 | 3.6294 |
| 39  | FRERES LAALOU        | 49/57 | 14° | 08.15:15:49 | 252.6295 | 1227.45  | 19-03***26♂ | 96.371 | 3.7249 |
| 40  | JAWAD EL HADDAWI     | 4/20  | 1°  | 08.15:16:31 | 253.4365 | 1227.198 | 19-70***56♀ | 96.275 | 3.8204 |
| 41  | YOUSSEF DARZAZ       | 13/27 | 1°  | 08.15:16:15 | 252.8814 | 1226.094 | 17-12***16♀ | 96.18  | 3.916  |
| 42  | JAWAD EL HADDAWI     | 4/20  | 2°  | 08.15:16:44 | 253.4365 | 1225.908 | 19-77***44♀ | 96.084 | 4.0115 |
| 43  | FRERES LAALOU        | 49/57 | 15° | 08.15:16:12 | 252.6295 | 1225.17  | 19-03***82♀ | 95.989 | 4.107  |
| 44  | FRERES LAALOU        | 49/57 | 16° | 08.15:16:20 | 252.6295 | 1224.378 | 19-03***27♀ | 95.893 | 4.2025 |
| 45  | FRERES RAYSS BAKWA   | 8/24  | 1°  | 08.15:16:29 | 252.8104 | 1224.36  | 17-09***76♀ | 95.798 | 4.298  |
| 46  | YOUSSEF DARZAZ       | 13/27 | 2°  | 08.15:16:33 | 252.8814 | 1224.312 | 19-71***93♀ | 95.702 | 4.3935 |
| 47  | LOFT TALBI ELMAARUFI | 14/15 | 4°  | 08.15:16:46 | 253.0807 | 1223.994 | 19-62***23♂ | 95.607 | 4.489  |
| 48  | LOFT TALBI ELMAARUFI | 14/15 | 5°  | 08.15:16:50 | 253.0807 | 1223.598 | 18-10***85♂ | 95.511 | 4.5845 |
| 49  | LOFT BONOUWARA       | 7/31  | 4°  | 08.15:16:09 | 252.0938 | 1222.866 | 19-17***16♂ | 95.416 | 4.68   |
| 50  | LOFT BONOUWARA       | 7/31  | 5°  | 08.15:16:17 | 252.0938 | 1222.074 | 18-33***50♀ | 95.32  | 4.7755 |
| 51  | FRERES LAALOU        | 49/57 | 17° | 08.15:16:52 | 252.6295 | 1221.216 | 19-69***45♀ | 95.225 | 4.8711 |
| 52  | AMIN ESSAAD          | 29/68 | 1°  | 08.15:17:31 | 253.1664 | 1219.98  | 19-76***57♀ | 95.129 | 4.9666 |
| 53  | LOFT TALBI ELMAARUFI | 14/15 | 6°  | 08.15:17:33 | 253.0807 | 1219.374 | 19-62***44♂ | 95.033 | 5.0621 |
| 54  | AMIN ESSAAD          | 29/68 | 2°  | 08.15:17:41 | 253.1664 | 1219.002 | 19-76***80♀ | 94.938 | 5.1576 |
| 55  | MOHAMED ELMARRAK     | 3/26  | 1°  | 08.15:17:22 | 252.6295 | 1218.276 | 19-47***62♀ | 94.842 | 5.2531 |
| 56  | FRERES LAALOU        | 49/57 | 18° | 08.15:17:29 | 252.6295 | 1217.592 | 17-08***05♀ | 94.747 | 5.3486 |
| 57  | LAAWISSAT            | 11/32 | 1°  | 08.15:19:26 | 254.8657 | 1216.932 | 19-62***01♂ | 94.651 | 5.4441 |
| 58  | ABDELILAH DAOUDI     | 3/10  | 1°  | 08.15:17:59 | 253.0933 | 1216.89  | 19-58***42♀ | 94.556 | 5.5396 |
| 59  | LOFTE EL FATTOUHI    | 5/20  | 1°  | 08.15:18:06 | 253.1201 | 1216.338 | 18-46***44♀ | 94.46  | 5.6351 |
| 60  | ABDELILAH DAOUDI     | 3/10  | 2°  | 08.15:18:11 | 253.0933 | 1215.72  | 19-37***33♀ | 94.365 | 5.7307 |
| 61  | LOFT HICHAM          | 16/32 | 2°  | 08.15:18:02 | 252.8767 | 1215.558 | 18-08***78♀ | 94.269 | 5.8262 |
| 62  | FRERES HAJAR         | 17/31 | 2°  | 08.15:18:04 | 252.8541 | 1215.258 | 19-62***67♀ | 94.174 | 5.9217 |
| 63  | FRERES LAALOU        | 49/57 | 19° | 08.15:17:55 | 252.6295 | 1215.054 | 19-03***00♀ | 94.078 | 6.0172 |
| 64  | HICHAM LOFT KAMAL    | 17/37 | 2°  | 08.15:18:09 | 252.8791 | 1214.886 | 19-27***74♀ | 93.983 | 6.1127 |
| 65  | LOFT TALBI ELMAARUFI | 14/15 | 7°  | 08.15:18:22 | 253.0807 | 1214.592 | 19-62***50♀ | 93.887 | 6.2082 |
| 66  | FRERES LAALOU        | 49/57 | 20° | 08.15:18:00 | 252.6295 | 1214.562 | 16-00***74♀ | 93.792 | 6.3037 |
| 67  | FRERES LAALOU        | 49/57 | 21° | 08.15:18:02 | 252.6295 | 1214.37  | 19-03***21♀ | 93.696 | 6.3992 |
| 68  | LOFT TALBI ELMAARUFI | 14/15 | 8°  | 08.15:18:28 | 253.0807 | 1214.01  | 19-62***41♀ | 93.601 | 6.4947 |
| 69  | LOFT AMZAR           | 7/12  | 2°  | 08.15:18:34 | 253.0196 | 1213.134 | 19-94***50♀ | 93.505 | 6.5903 |
| 70  | BENBELLA             | 16/31 | 4°  | 08.15:18:38 | 253.046  | 1212.876 | 18-58***66♀ | 93.41  | 6.6858 |
| 71  | FRERES LAALOU        | 49/57 | 22° | 08.15:18:25 | 252.6295 | 1212.138 | 17-08***16♀ | 93.314 | 6.7813 |
| 71  | FRERES LAALOU        | 49/57 | 23° | 08.15:18:25 | 252.6295 | 1212.138 | 17-08***35♀ | 93.314 | 6.7813 |
| 73  | LOFT BONOUWARA       | 7/31  | 6°  | 08.15:18:09 | 252.0938 | 1211.118 | 19-07***80♀ | 93.123 | 6.9723 |

| Cls | Nom                  | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|----------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 74  | LOFT BONOUWARA       | 7/31  | 7°  | 08.15:18:10 | 252.0938 | 1211.022 | 18-33***95♀ | 93.028 | 7.0678  |
| 75  | EL MEHDI EL QASERY   | 7/30  | 2°  | 08.15:19:14 | 253.3212 | 1210.71  | 19-83***19♀ | 92.932 | 7.1633  |
| 76  | BENBELLA             | 16/31 | 5°  | 08.15:19:01 | 253.046  | 1210.65  | 18-08***17♀ | 92.837 | 7.2588  |
| 77  | AMIN ESSAAD          | 29/68 | 3°  | 08.15:19:28 | 253.1664 | 1208.622 | 19-76***78♂ | 92.741 | 7.3543  |
| 78  | FRERES LAALOU        | 49/57 | 24° | 08.15:19:03 | 252.6295 | 1208.466 | 17-08***37♂ | 92.646 | 7.4499  |
| 79  | FRERES RAYSS BAKWA   | 8/24  | 2°  | 08.15:19:13 | 252.8104 | 1208.364 | 19-60***61♂ | 92.55  | 7.5454  |
| 80  | AMIN ESSAAD          | 29/68 | 4°  | 08.15:19:32 | 253.1664 | 1208.238 | 19-76***59♂ | 92.455 | 7.6409  |
| 81  | ABDELILAH DAOUDI     | 3/10  | 3°  | 08.15:19:40 | 253.0933 | 1207.122 | 19-02***27♀ | 92.359 | 7.7364  |
| 82  | LOFT HICHAM          | 16/32 | 3°  | 08.15:19:30 | 252.8767 | 1207.05  | 19-17***07♂ | 92.264 | 7.8319  |
| 83  | HABOUB ABD LAKBIR    | 5/27  | 1°  | 08.15:20:03 | 253.2388 | 1205.61  | 19-55***40♀ | 92.168 | 7.9274  |
| 84  | LOFT AMZAR           | 7/12  | 3°  | 08.15:19:55 | 253.0196 | 1205.334 | 16-15***16♀ | 92.073 | 8.0229  |
| 85  | HAMID JIT            | 12/27 | 1°  | 08.15:20:39 | 253.6689 | 1204.218 | 19-74***59♀ | 91.977 | 8.1184  |
| 86  | AMIN ESSAAD          | 29/68 | 5°  | 08.15:20:16 | 253.1664 | 1204.026 | 19-76***84♂ | 91.882 | 8.2139  |
| 87  | LOFT TALBI ELMAARUFI | 14/15 | 9°  | 08.15:20:19 | 253.0807 | 1203.33  | 18-10***83♀ | 91.786 | 8.3095  |
| 88  | FRERES RAYSS BAKWA   | 8/24  | 3°  | 08.15:20:08 | 252.8104 | 1203.096 | 19-60***64♀ | 91.691 | 8.405   |
| 89  | AMIN ESSAAD          | 29/68 | 6°  | 08.15:20:27 | 253.1664 | 1202.976 | 18-46***85♂ | 91.595 | 8.5005  |
| 90  | ADAM DAIFI           | 6/15  | 1°  | 08.15:19:35 | 252.1186 | 1202.952 | 19-33***33♂ | 91.5   | 8.596   |
| 91  | FRERES LAALOU        | 49/57 | 25° | 08.15:20:02 | 252.6295 | 1202.808 | 17-08***22♀ | 91.404 | 8.6915  |
| 92  | FRERES BENTTAHRA     | 8/17  | 2°  | 08.15:19:55 | 252.4824 | 1202.772 | 19-72***66♀ | 91.309 | 8.787   |
| 93  | LOFT TALBI ELMAARUFI | 14/15 | 10° | 08.15:20:25 | 253.0807 | 1202.76  | 18-10***66♀ | 91.213 | 8.8825  |
| 94  | FRERES LAALOU        | 49/57 | 26° | 08.15:20:03 | 252.6295 | 1202.712 | 18-00***29♀ | 91.118 | 8.978   |
| 95  | ELOUADI LOFT         | 10/28 | 1°  | 08.15:20:26 | 253.0802 | 1202.664 | 19-63***36♀ | 91.022 | 9.0735  |
| 96  | FRERES HAJAR         | 17/31 | 3°  | 08.15:20:18 | 252.8541 | 1202.352 | 18-02***21♀ | 90.927 | 9.1691  |
| 97  | AMIN ESSAAD          | 29/68 | 7°  | 08.15:20:34 | 253.1664 | 1202.31  | 19-76***72♀ | 90.831 | 9.2646  |
| 98  | LOFT TALBI ELMAARUFI | 14/15 | 11° | 08.15:20:33 | 253.0807 | 1201.998 | 19-62***40♀ | 90.735 | 9.3601  |
| 99  | FRERES LAALOU        | 49/57 | 27° | 08.15:20:12 | 252.6295 | 1201.854 | 17-01***14♀ | 90.64  | 9.4556  |
| 100 | IMADE KHAI           | 7/28  | 1°  | 08.15:20:12 | 252.4059 | 1200.792 | 18-24***88♀ | 90.544 | 9.5511  |
| 101 | OTMANE LOFT          | 3/8   | 1°  | 08.15:20:36 | 252.7899 | 1200.33  | 14-38***30♀ | 90.449 | 9.6466  |
| 102 | FRERES HAJAR         | 17/31 | 4°  | 08.15:20:41 | 252.8541 | 1200.162 | 19-62***80♂ | 90.353 | 9.7421  |
| 103 | ADAM DAIFI           | 6/15  | 2°  | 08.15:20:13 | 252.1186 | 1199.328 | 19-94***14♂ | 90.258 | 9.8376  |
| 104 | LOFT HICHAM          | 16/32 | 4°  | 08.15:20:51 | 252.8767 | 1199.322 | 18-38***12♀ | 90.162 | 9.9331  |
| 105 | FRERES LAALOU        | 49/57 | 28° | 08.15:20:40 | 252.6295 | 1199.19  | 18-00***27♂ | 90.067 | 10.0287 |
| 106 | AMIN ESSAAD          | 29/68 | 8°  | 08.15:21:09 | 253.1664 | 1198.986 | 19-76***88♀ | 89.971 | 10.1242 |
| 107 | IMADE KHAI           | 7/28  | 2°  | 08.15:20:32 | 252.4059 | 1198.89  | 19-10***57♀ | 89.876 | 10.2197 |
| 108 | BENBELLA             | 16/31 | 6°  | 08.15:21:05 | 253.046  | 1198.794 | 19-49***23♂ | 89.78  | 10.3152 |
| 109 | LOFTE EL FATTOUHI    | 5/20  | 2°  | 08.15:21:12 | 253.1201 | 1198.488 | 17-30***60♂ | 89.685 | 10.4107 |
| 110 | FRERES HAJAR         | 17/31 | 5°  | 08.15:21:00 | 252.8541 | 1198.362 | 15-38***32♀ | 89.589 | 10.5062 |
| 111 | BENBELLA             | 16/31 | 7°  | 08.15:21:10 | 253.046  | 1198.326 | 17-93***67♂ | 89.494 | 10.6017 |
| 112 | EL MEHDI EL QASERY   | 7/30  | 3°  | 08.15:21:27 | 253.3212 | 1198.02  | 19-77***07♂ | 89.398 | 10.6972 |
| 113 | LAAWISSAT            | 11/32 | 2°  | 08.15:22:48 | 254.8657 | 1197.678 | 18-36***96♂ | 89.303 | 10.7927 |
| 114 | ELOUADI LOFT         | 10/28 | 2°  | 08.15:21:22 | 253.0802 | 1197.354 | 19-63***40♂ | 89.207 | 10.8883 |
| 115 | JAWAD EL HADDAWI     | 4/20  | 3°  | 08.15:21:40 | 253.4365 | 1197.336 | 19-50***59♂ | 89.112 | 10.9838 |

| Cls | Nom                  | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|----------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 116 | YOUSSEF DARZAZ       | 13/27 | 3°  | 08.15:21:14 | 252.8814 | 1197.168 | 19-75***09♂ | 89.016 | 11.0793 |
| 116 | LOFT TALBI ELMAARUFI | 14/15 | 12° | 08.15:21:24 | 253.0807 | 1197.168 | 18-83***92♀ | 89.016 | 11.0793 |
| 118 | LOFT TALBI ELMAARUFI | 14/15 | 13° | 08.15:21:26 | 253.0807 | 1196.976 | 19-62***46♀ | 88.825 | 11.2703 |
| 119 | BENBELLA             | 16/31 | 8°  | 08.15:21:25 | 253.046  | 1196.904 | 19-41***51♀ | 88.73  | 11.3658 |
| 120 | YOUSSEF DARZAZ       | 13/27 | 4°  | 08.15:21:24 | 252.8814 | 1196.22  | 19-75***12♀ | 88.634 | 11.4613 |
| 121 | YOUSSEF DARZAZ       | 13/27 | 5°  | 08.15:21:27 | 252.8814 | 1195.938 | 19-71***95♀ | 88.539 | 11.5568 |
| 122 | FRERES RAYSS BAKWA   | 8/24  | 4°  | 08.15:21:25 | 252.8104 | 1195.794 | 19-17***07♀ | 88.443 | 11.6523 |
| 123 | MOHAMED ELMARRAK     | 3/26  | 2°  | 08.15:21:17 | 252.6295 | 1195.692 | 18-02***84♀ | 88.348 | 11.7479 |
| 124 | IMADE KHAI           | 7/28  | 3°  | 08.15:21:07 | 252.4059 | 1195.578 | 19-19***43♀ | 88.252 | 11.8434 |
| 125 | BENBELLA             | 16/31 | 9°  | 08.15:21:41 | 253.046  | 1195.398 | 18-58***76♂ | 88.157 | 11.9389 |
| 126 | ABDELWAHED TAHIRI    | 12/43 | 2°  | 08.15:21:49 | 253.1122 | 1194.96  | 18-83***54♀ | 88.061 | 12.0344 |
| 127 | LAAWISSAT            | 11/32 | 3°  | 08.15:23:19 | 254.8657 | 1194.774 | 17-35***42♂ | 87.966 | 12.1299 |
| 128 | HAMID JIT            | 12/27 | 2°  | 08.15:22:22 | 253.6689 | 1194.486 | 18-48***61♀ | 87.87  | 12.2254 |
| 129 | HICHAM LOFT KAMAL    | 17/37 | 3°  | 08.15:21:50 | 252.8791 | 1193.766 | 19-54***69♀ | 87.775 | 12.3209 |
| 130 | LOFT HICHAM          | 16/32 | 5°  | 08.15:21:59 | 252.8767 | 1192.908 | 18-06***80♂ | 87.679 | 12.4164 |
| 131 | FRERES LAALOU        | 49/57 | 29° | 08.15:21:50 | 252.6295 | 1192.584 | 16-00***57♀ | 87.584 | 12.5119 |
| 132 | JAWAD EL HADDAWI     | 4/20  | 4°  | 08.15:22:32 | 253.4365 | 1192.458 | 19-81***87♀ | 87.488 | 12.6074 |
| 133 | HICHAM LOFT KAMAL    | 17/37 | 4°  | 08.15:22:04 | 252.8791 | 1192.452 | 17-14***61♂ | 87.393 | 12.703  |
| 134 | YOUSSEF DARZAZ       | 13/27 | 6°  | 08.15:22:06 | 252.8814 | 1192.272 | 19-75***08♀ | 87.297 | 12.7985 |
| 135 | FRERES ESSOUHI       | 19/48 | 3°  | 08.15:22:30 | 253.3474 | 1192.224 | 19-00***99♂ | 87.202 | 12.894  |
| 136 | FRERES RAYSS BAKWA   | 8/24  | 5°  | 08.15:22:04 | 252.8104 | 1192.128 | 19-35***71♀ | 87.106 | 12.9895 |
| 136 | YASSIN NAWFAL        | 4/18  | 1°  | 08.15:22:08 | 252.89   | 1192.128 | 19-43***89♂ | 87.106 | 12.9895 |
| 138 | FRERES ESSOUHI       | 19/48 | 4°  | 08.15:22:33 | 253.3474 | 1191.942 | 19-00***70♀ | 86.915 | 13.1805 |
| 139 | EL MEHDI EL QASERY   | 7/30  | 4°  | 08.15:22:32 | 253.3212 | 1191.912 | 19-77***06♂ | 86.82  | 13.276  |
| 140 | IMADE KHAI           | 7/28  | 4°  | 08.15:21:47 | 252.4059 | 1191.81  | 19-19***46♀ | 86.724 | 13.3715 |
| 141 | FRERES LAALOU        | 49/57 | 30° | 08.15:21:59 | 252.6295 | 1191.744 | 17-08***70♀ | 86.629 | 13.467  |
| 142 | FRERES ESSOUHI       | 19/48 | 5°  | 08.15:22:36 | 253.3474 | 1191.66  | 19-00***80♀ | 86.533 | 13.5626 |
| 143 | LOFT AMZAR           | 7/12  | 4°  | 08.15:22:20 | 253.0196 | 1191.618 | 19-05***29♂ | 86.437 | 13.6581 |
| 144 | ABDELWAHED TAHIRI    | 12/43 | 3°  | 08.15:22:25 | 253.1122 | 1191.582 | 19-37***95♂ | 86.342 | 13.7536 |
| 145 | ABDELWAHED TAHIRI    | 12/43 | 4°  | 08.15:22:26 | 253.1122 | 1191.492 | 19-33***59♀ | 86.246 | 13.8491 |
| 146 | FRERES LAALOU        | 49/57 | 31° | 08.15:22:03 | 252.6295 | 1191.366 | 19-03***56♀ | 86.151 | 13.9446 |
| 146 | FRERES LAALOU        | 49/57 | 32° | 08.15:22:03 | 252.6295 | 1191.366 | 19-03***52♀ | 86.151 | 13.9446 |
| 148 | LOFTE EL FATTOUHI    | 5/20  | 3°  | 08.15:22:28 | 253.1201 | 1191.342 | 17-30***52♂ | 85.96  | 14.1356 |
| 148 | ELOUADI LOFT         | 10/28 | 3°  | 08.15:22:26 | 253.0802 | 1191.342 | 19-63***37♀ | 85.96  | 14.1356 |
| 150 | ABDELWAHED TAHIRI    | 12/43 | 5°  | 08.15:22:28 | 253.1122 | 1191.306 | 17-09***70♀ | 85.769 | 14.3266 |
| 151 | FRERES LAALOU        | 49/57 | 33° | 08.15:22:04 | 252.6295 | 1191.276 | 17-01***18♀ | 85.673 | 14.4222 |
| 152 | HICHAM LOFT KAMAL    | 17/37 | 5°  | 08.15:22:17 | 252.8791 | 1191.234 | 19-71***40♀ | 85.578 | 14.5177 |
| 153 | FRERES ESSOUHI       | 19/48 | 6°  | 08.15:22:41 | 253.3474 | 1191.198 | 19-41***74♂ | 85.482 | 14.6132 |
| 154 | YOUSSEF DARZAZ       | 13/27 | 7°  | 08.15:22:18 | 252.8814 | 1191.15  | 17-18***67♀ | 85.387 | 14.7087 |
| 155 | FRERES LAALOU        | 49/57 | 34° | 08.15:22:06 | 252.6295 | 1191.084 | 19-03***32♀ | 85.291 | 14.8042 |
| 156 | FRERES LAALOU        | 49/57 | 35° | 08.15:22:07 | 252.6295 | 1190.994 | 19-03***91♀ | 85.196 | 14.8997 |
| 157 | FRERES ESSOUHI       | 19/48 | 7°  | 08.15:22:46 | 253.3474 | 1190.73  | 19-00***91♀ | 85.1   | 14.9952 |



| Cls | Nom               | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|-------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 158 | LOFT HICHAM       | 16/32 | 6°  | 08.15:22:24 | 252.8767 | 1190.568 | 18-63***81♂ | 85.005 | 15.0907 |
| 159 | BENBELLA          | 16/31 | 10° | 08.15:22:34 | 253.046  | 1190.43  | 16-09***91♀ | 84.909 | 15.1862 |
| 160 | LOFT HICHAM       | 16/32 | 7°  | 08.15:22:27 | 252.8767 | 1190.286 | 18-63***77♀ | 84.814 | 15.2818 |
| 161 | YASSIN NAWFAL     | 4/18  | 2°  | 08.15:22:31 | 252.89   | 1189.98  | 18-27***23♂ | 84.718 | 15.3773 |
| 162 | ELOUADI LOFT      | 10/28 | 4°  | 08.15:22:41 | 253.0802 | 1189.938 | 19-63***28♀ | 84.623 | 15.4728 |
| 163 | YOUSSEF TIMOMI    | 3/23  | 1°  | 08.15:22:42 | 253.0978 | 1189.926 | 19-80***03♀ | 84.527 | 15.5683 |
| 164 | HAMID JIT         | 12/27 | 3°  | 08.15:23:13 | 253.6689 | 1189.722 | 18-79***95♀ | 84.432 | 15.6638 |
| 165 | LAAWISSAT         | 11/32 | 4°  | 08.15:24:14 | 254.8657 | 1189.662 | 17-02***66♀ | 84.336 | 15.7593 |
| 166 | LOFT HICHAM       | 16/32 | 8°  | 08.15:22:36 | 252.8767 | 1189.446 | 18-08***46♀ | 84.241 | 15.8548 |
| 167 | AMIN ESSAAD       | 29/68 | 9°  | 08.15:22:55 | 253.1664 | 1189.038 | 18-46***62♀ | 84.145 | 15.9503 |
| 168 | BENBELLA          | 16/31 | 11° | 08.15:22:50 | 253.046  | 1188.942 | 19-41***60♀ | 84.05  | 16.0458 |
| 169 | AMIN ESSAAD       | 29/68 | 10° | 08.15:23:01 | 253.1664 | 1188.48  | 19-76***89♀ | 83.954 | 16.1414 |
| 170 | HABOUB ABD LAKBIR | 5/27  | 2°  | 08.15:23:07 | 253.2388 | 1188.264 | 19-55***51♂ | 83.859 | 16.2369 |
| 171 | LAAWISSAT         | 11/32 | 5°  | 08.15:24:33 | 254.8657 | 1187.91  | 18-38***23♀ | 83.763 | 16.3324 |
| 172 | YOUSSEF TIMOMI    | 3/23  | 2°  | 08.15:23:05 | 253.0978 | 1187.79  | 19-51***95♀ | 83.668 | 16.4279 |
| 173 | FRERES LAALOU     | 49/57 | 36° | 08.15:22:42 | 252.6295 | 1187.724 | 18-00***44♂ | 83.572 | 16.5234 |
| 174 | ELOUADI LOFT      | 10/28 | 5°  | 08.15:23:07 | 253.0802 | 1187.52  | 19-63***30♀ | 83.477 | 16.6189 |
| 175 | HAMADA            | 2/10  | 1°  | 08.15:22:17 | 252.0708 | 1187.424 | 19-06***67♀ | 83.381 | 16.7144 |
| 176 | FRERES ESSOUHI    | 19/48 | 8°  | 08.15:23:22 | 253.3474 | 1187.382 | 19-00***85♂ | 83.286 | 16.8099 |
| 177 | AMIN ESSAAD       | 29/68 | 11° | 08.15:23:14 | 253.1664 | 1187.274 | 17-07***97♂ | 83.19  | 16.9054 |
| 178 | ELOUADI LOFT      | 10/28 | 6°  | 08.15:23:10 | 253.0802 | 1187.244 | 19-63***34♀ | 83.095 | 17.001  |
| 179 | LOFTE EL FATTOUHI | 5/20  | 4°  | 08.15:23:14 | 253.1201 | 1187.058 | 18-46***52♀ | 82.999 | 17.0965 |
| 180 | BENBELLA          | 16/31 | 12° | 08.15:23:13 | 253.046  | 1186.8   | 17-93***71♀ | 82.904 | 17.192  |
| 181 | HICHAM LOFT KAMAL | 17/37 | 6°  | 08.15:23:06 | 252.8791 | 1186.668 | 19-28***73♀ | 82.808 | 17.2875 |
| 182 | IMADE KHAI        | 7/28  | 5°  | 08.15:22:47 | 252.4059 | 1186.212 | 18-24***85♂ | 82.713 | 17.383  |
| 183 | FRERES LAALOU     | 49/57 | 37° | 08.15:23:01 | 252.6295 | 1185.96  | 19-03***77♀ | 82.617 | 17.4785 |
| 184 | HICHAM LOFT KAMAL | 17/37 | 7°  | 08.15:23:16 | 252.8791 | 1185.744 | 18-36***25♂ | 82.522 | 17.574  |
| 185 | HABOUB ABD LAKBIR | 5/27  | 3°  | 08.15:23:35 | 253.2388 | 1185.666 | 18-48***03♀ | 82.426 | 17.6695 |
| 186 | LOFT HICHAM       | 16/32 | 9°  | 08.15:23:17 | 252.8767 | 1185.636 | 18-06***81♂ | 82.331 | 17.765  |
| 187 | EL OTHMANIE       | 2/21  | 1°  | 08.15:24:01 | 253.7311 | 1185.564 | 19-10***97♀ | 82.235 | 17.8606 |
| 188 | LOFT HICHAM       | 16/32 | 10° | 08.15:23:20 | 252.8767 | 1185.36  | 19-42***48♂ | 82.139 | 17.9561 |
| 189 | LOFTE EL FATTOUHI | 5/20  | 5°  | 08.15:23:34 | 253.1201 | 1185.204 | 19-77***89♀ | 82.044 | 18.0516 |
| 190 | LAAWISSAT         | 11/32 | 6°  | 08.15:25:03 | 254.8657 | 1185.144 | 17-09***24♀ | 81.948 | 18.1471 |
| 191 | MOHAMED ELMARRAK  | 3/26  | 3°  | 08.15:23:10 | 252.6295 | 1185.126 | 19-54***11♀ | 81.853 | 18.2426 |
| 192 | AMIN ESSAAD       | 29/68 | 12° | 08.15:23:41 | 253.1664 | 1184.772 | 19-62***17♂ | 81.757 | 18.3381 |
| 193 | HICHAM LOFT KAMAL | 17/37 | 8°  | 08.15:23:30 | 252.8791 | 1184.448 | 15-61***49♀ | 81.662 | 18.4336 |
| 194 | FRERES HAJAR      | 17/31 | 6°  | 08.15:23:30 | 252.8541 | 1184.328 | 19-10***72♀ | 81.566 | 18.5291 |
| 195 | FRERES BENTTAHRA  | 8/17  | 3°  | 08.15:23:12 | 252.4824 | 1184.25  | 17-18***69♀ | 81.471 | 18.6246 |
| 196 | LOFT BORNIME      | 3/17  | 2°  | 08.15:23:05 | 252.1664 | 1183.416 | 17-39***22♀ | 81.375 | 18.7202 |
| 197 | ADAM DAIFI        | 6/15  | 3°  | 08.15:23:05 | 252.1186 | 1183.194 | 19-13***59♂ | 81.28  | 18.8157 |
| 198 | AMIN ESSAAD       | 29/68 | 13° | 08.15:24:02 | 253.1664 | 1182.834 | 19-60***65♀ | 81.184 | 18.9112 |
| 199 | LOFT ZAAR         | 5/40  | 2°  | 08.15:23:59 | 253.0562 | 1182.6   | 19-08***28♂ | 81.089 | 19.0067 |

| Cls | Nom                 | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|---------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 200 | AMIN ESSAAD         | 29/68 | 14° | 08.15:24:08 | 253.1664 | 1182.282 | 18-46***68♀ | 80.993 | 19.1022 |
| 201 | YOUSSEF DARZAZ      | 13/27 | 8°  | 08.15:24:03 | 252.8814 | 1181.412 | 19-71***91♂ | 80.898 | 19.1977 |
| 202 | FRERES LAALOU       | 49/57 | 38° | 08.15:23:53 | 252.6295 | 1181.154 | 19-07***71♀ | 80.802 | 19.2932 |
| 203 | EL MEHDI EL QASERY  | 7/30  | 5°  | 08.15:24:31 | 253.3212 | 1180.89  | 17-39***48♀ | 80.707 | 19.3887 |
| 204 | IMADE KHAI          | 7/28  | 6°  | 08.15:23:46 | 252.4059 | 1180.752 | 17-02***94♀ | 80.611 | 19.4842 |
| 205 | FRERES ESSOUHI      | 19/48 | 9°  | 08.15:24:37 | 253.3474 | 1180.464 | 19-00***82♂ | 80.516 | 19.5798 |
| 206 | ADAM DAIFI          | 6/15  | 4°  | 08.15:23:38 | 252.1186 | 1180.146 | 19-18***55♂ | 80.42  | 19.6753 |
| 206 | FRERES LAALOU       | 49/57 | 39° | 08.15:24:04 | 252.6295 | 1180.146 | 17-08***86♀ | 80.42  | 19.6753 |
| 208 | FRERES RAYSS BAKWA  | 8/24  | 6°  | 08.15:24:14 | 252.8104 | 1180.068 | 19-17***07♀ | 80.229 | 19.8663 |
| 209 | AAMIMI              | 3/17  | 1°  | 08.15:24:20 | 252.866  | 1179.78  | 19-12***51♂ | 80.134 | 19.9618 |
| 210 | AMIN ESSAAD         | 29/68 | 15° | 08.15:24:36 | 253.1664 | 1179.714 | 19-18***38♂ | 80.038 | 20.0573 |
| 211 | AMIN ESSAAD         | 29/68 | 16° | 08.15:24:39 | 253.1664 | 1179.438 | 19-76***67♀ | 79.943 | 20.1528 |
| 211 | FRERE KHOULALI      | 5/15  | 3°  | 08.15:24:30 | 252.9898 | 1179.438 | 19-06***00♀ | 79.943 | 20.1528 |
| 213 | LOFT ZAAR           | 5/40  | 3°  | 08.15:24:35 | 253.0562 | 1179.294 | 18-07***80♀ | 79.752 | 20.3438 |
| 214 | AMIN ESSAAD         | 29/68 | 17° | 08.15:24:42 | 253.1664 | 1179.162 | 18-58***08♂ | 79.656 | 20.4394 |
| 215 | AMIN ESSAAD         | 29/68 | 18° | 08.15:24:49 | 253.1664 | 1178.526 | 19-76***90♂ | 79.561 | 20.5349 |
| 216 | AMIN ESSAAD         | 29/68 | 19° | 08.15:24:53 | 253.1664 | 1178.16  | 19-10***67♀ | 79.465 | 20.6304 |
| 216 | FRERE KHOULALI      | 5/15  | 4°  | 08.15:24:44 | 252.9898 | 1178.16  | 19-73***96♀ | 79.465 | 20.6304 |
| 218 | FRERES HAJAR        | 17/31 | 7°  | 08.15:24:38 | 252.8541 | 1178.076 | 18-83***90♀ | 79.274 | 20.8214 |
| 219 | LOFT ZAAR           | 5/40  | 4°  | 08.15:24:53 | 253.0562 | 1177.644 | 19-47***62♂ | 79.179 | 20.9169 |
| 220 | BENBELLA            | 16/31 | 13° | 08.15:24:53 | 253.046  | 1177.596 | 19-41***98♀ | 79.083 | 21.0124 |
| 221 | ABDELWAHED TAHIRI   | 12/43 | 6°  | 08.15:24:58 | 253.1122 | 1177.446 | 19-53***03♀ | 78.988 | 21.1079 |
| 222 | AMIN ESSAAD         | 29/68 | 20° | 08.15:25:07 | 253.1664 | 1176.882 | 16-02***32♀ | 78.892 | 21.2034 |
| 223 | LAAWISSAT           | 11/32 | 7°  | 08.15:26:34 | 254.8657 | 1176.846 | 19-62***08♂ | 78.797 | 21.2989 |
| 224 | ABDELWAHED TAHIRI   | 12/43 | 7°  | 08.15:25:06 | 253.1122 | 1176.72  | 19-33***60♀ | 78.701 | 21.3945 |
| 225 | HABOUB ABD LAKBIR   | 5/27  | 4°  | 08.15:25:14 | 253.2388 | 1176.576 | 18-36***81♀ | 78.606 | 21.49   |
| 226 | ABDELWAHED TAHIRI   | 12/43 | 8°  | 08.15:25:14 | 253.1122 | 1175.988 | 19-33***61♀ | 78.51  | 21.5855 |
| 227 | LOFT ZOUHOR YASSINE | 6/15  | 2°  | 08.15:24:51 | 252.6365 | 1175.874 | 17-05***55♀ | 78.415 | 21.681  |
| 228 | YOUSSEF DARZAZ      | 13/27 | 9°  | 08.15:25:05 | 252.8814 | 1175.736 | 19-71***81♀ | 78.319 | 21.7765 |
| 229 | FRERES HAJAR        | 17/31 | 8°  | 08.15:25:07 | 252.8541 | 1175.43  | 19-62***74♀ | 78.224 | 21.872  |
| 230 | FRERES HAJAR        | 17/31 | 9°  | 08.15:25:11 | 252.8541 | 1175.064 | 19-13***52♂ | 78.128 | 21.9675 |
| 231 | ELOUADI LOFT        | 10/28 | 7°  | 08.15:25:23 | 253.0802 | 1175.022 | 19-63***12♂ | 78.033 | 22.063  |
| 232 | LOFT BORNIME        | 3/17  | 3°  | 08.15:24:37 | 252.1664 | 1174.962 | 17-54***04♀ | 77.937 | 22.1585 |
| 233 | FRERES LAALOU       | 49/57 | 40° | 08.15:25:04 | 252.6295 | 1174.656 | 19-03***61♀ | 77.842 | 22.2541 |
| 234 | EL MEHDI EL QASERY  | 7/30  | 6°  | 08.15:25:42 | 253.3212 | 1174.416 | 18-07***61♂ | 77.746 | 22.3496 |
| 235 | FRERES LAALOU       | 49/57 | 41° | 08.15:25:10 | 252.6295 | 1174.11  | 19-03***08♂ | 77.65  | 22.4451 |
| 236 | FRERES RAYSS BAKWA  | 8/24  | 7°  | 08.15:25:23 | 252.8104 | 1173.768 | 19-42***19♀ | 77.555 | 22.5406 |
| 237 | LOFT AMZAR          | 7/12  | 5°  | 08.15:25:34 | 253.0196 | 1173.744 | 19-05***32♂ | 77.459 | 22.6361 |
| 237 | FRERES LAALOU       | 49/57 | 42° | 08.15:25:14 | 252.6295 | 1173.744 | 17-08***51♀ | 77.459 | 22.6361 |
| 239 | AMIN ESSAAD         | 29/68 | 21° | 08.15:25:42 | 253.1664 | 1173.696 | 19-76***83♀ | 77.268 | 22.8271 |
| 240 | LAAWISSAT           | 11/32 | 8°  | 08.15:27:10 | 254.8657 | 1173.594 | 17-33***19♀ | 77.173 | 22.9226 |
| 241 | HAMID JIT           | 12/27 | 4°  | 08.15:26:11 | 253.6689 | 1173.396 | 18-48***68♂ | 77.077 | 23.0181 |

| Cls | Nom                    | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|------------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 242 | EL MEHDI EL QASERY     | 7/30  | 7°  | 08.15:25:54 | 253.3212 | 1173.324 | 17-16***38♀ | 76.982 | 23.1137 |
| 243 | FRERES ESSOUHI         | 19/48 | 10° | 08.15:25:57 | 253.3474 | 1173.174 | 18-09***46♀ | 76.886 | 23.2092 |
| 244 | FRERES LAALOU          | 49/57 | 43° | 08.15:25:27 | 252.6295 | 1172.568 | 19-03***76♀ | 76.791 | 23.3047 |
| 245 | LAAWISSAT              | 11/32 | 9°  | 08.15:27:22 | 254.8657 | 1172.514 | 17-14***23♀ | 76.695 | 23.4002 |
| 246 | FRERES LAALOU          | 49/57 | 44° | 08.15:25:35 | 252.6295 | 1171.842 | 19-42***38♂ | 76.6   | 23.4957 |
| 247 | YOUSSEF DARZAZ         | 13/27 | 10° | 08.15:25:50 | 252.8814 | 1171.65  | 17-40***63♂ | 76.504 | 23.5912 |
| 248 | FRERES ESSOUHI         | 19/48 | 11° | 08.15:26:17 | 253.3474 | 1171.368 | 19-00***68♀ | 76.409 | 23.6867 |
| 249 | FRERES LAALOU          | 49/57 | 45° | 08.15:25:47 | 252.6295 | 1170.756 | 16-00***11♀ | 76.313 | 23.7822 |
| 250 | FRERES HAJAR           | 17/31 | 10° | 08.15:26:02 | 252.8541 | 1170.438 | 18-09***11♀ | 76.218 | 23.8777 |
| 251 | FRERES ESSOUHI         | 19/48 | 12° | 08.15:26:28 | 253.3474 | 1170.378 | 18-32***93♀ | 76.122 | 23.9733 |
| 252 | FRERES HAJAR           | 17/31 | 11° | 08.15:26:05 | 252.8541 | 1170.168 | 18-41***06♂ | 76.027 | 24.0688 |
| 253 | FRERES ESSOUHI         | 19/48 | 13° | 08.15:26:33 | 253.3474 | 1169.928 | 19-00***79♂ | 75.931 | 24.1643 |
| 254 | ABDELWAHED TAHIRI      | 12/43 | 9°  | 08.15:26:22 | 253.1122 | 1169.832 | 19-53***00♀ | 75.836 | 24.2598 |
| 255 | FRERES LAALOU          | 49/57 | 46° | 08.15:25:59 | 252.6295 | 1169.67  | 19-03***12♂ | 75.74  | 24.3553 |
| 256 | YOUSSEF DARZAZ         | 13/27 | 11° | 08.15:26:13 | 252.8814 | 1169.574 | 17-18***65♀ | 75.645 | 24.4508 |
| 257 | BENBELLA               | 16/31 | 14° | 08.15:26:22 | 253.046  | 1169.526 | 19-41***57♂ | 75.549 | 24.5463 |
| 258 | FRERES HAJAR           | 17/31 | 12° | 08.15:26:13 | 252.8541 | 1169.448 | 17-66***01♀ | 75.454 | 24.6418 |
| 259 | LOFT HICHAM            | 16/32 | 11° | 08.15:26:15 | 252.8767 | 1169.37  | 19-63***41♂ | 75.358 | 24.7373 |
| 260 | HABOUB ABD LAKBIR      | 5/27  | 5°  | 08.15:26:44 | 253.2388 | 1168.434 | 19-55***38♂ | 75.263 | 24.8329 |
| 261 | FRERES LAALOU          | 49/57 | 47° | 08.15:26:16 | 252.6295 | 1168.14  | 18-00***15♂ | 75.167 | 24.9284 |
| 262 | FRERES BENTTAHRA       | 8/17  | 4°  | 08.15:26:10 | 252.4824 | 1167.996 | 17-00***50♂ | 75.072 | 25.0239 |
| 263 | FRERES RAYSS BAKWA     | 8/24  | 8°  | 08.15:26:30 | 252.8104 | 1167.714 | 19-35***76♂ | 74.976 | 25.1194 |
| 264 | LAAWISSAT              | 11/32 | 10° | 08.15:28:18 | 254.8657 | 1167.504 | 17-02***66♀ | 74.881 | 25.2149 |
| 265 | HAMID JIT              | 12/27 | 5°  | 08.15:27:17 | 253.6689 | 1167.456 | 19-77***37♀ | 74.785 | 25.3104 |
| 266 | HICHAM LOFT KAMAL      | 17/37 | 9°  | 08.15:26:38 | 252.8791 | 1167.312 | 16-39***75♀ | 74.69  | 25.4059 |
| 267 | FRERES BENTTAHRA       | 8/17  | 5°  | 08.15:26:19 | 252.4824 | 1167.186 | 17-39***26♀ | 74.594 | 25.5014 |
| 268 | FRERES BENTTAHRA       | 8/17  | 6°  | 08.15:26:23 | 252.4824 | 1166.832 | 19-72***71♀ | 74.499 | 25.5969 |
| 269 | HICHAM LOFT KAMAL      | 17/37 | 10° | 08.15:26:44 | 252.8791 | 1166.778 | 19-28***74♂ | 74.403 | 25.6925 |
| 270 | ELOUADI LOFT           | 10/28 | 8°  | 08.15:27:03 | 253.0802 | 1165.998 | 19-63***86♀ | 74.308 | 25.788  |
| 271 | ELOUADI LOFT           | 10/28 | 9°  | 08.15:27:08 | 253.0802 | 1165.554 | 19-63***23♀ | 74.212 | 25.8835 |
| 272 | HICHAM LOFT KAMAL      | 17/37 | 11° | 08.15:27:04 | 252.8791 | 1164.984 | 19-15***34♀ | 74.117 | 25.979  |
| 273 | HAMID JIT              | 12/27 | 6°  | 08.15:27:47 | 253.6689 | 1164.774 | 19-12***70♀ | 74.021 | 26.0745 |
| 274 | OUSAMA KHOCHANE<br>103 | 2/5   | 2°  | 08.15:26:29 | 252.1431 | 1164.726 | 19-75***00♂ | 73.926 | 26.17   |
| 275 | AMIN ESSAAD            | 29/68 | 22° | 08.15:27:22 | 253.1664 | 1164.696 | 17-34***65♀ | 73.83  | 26.2655 |
| 276 | HICHAM LOFT KAMAL      | 17/37 | 12° | 08.15:27:08 | 252.8791 | 1164.624 | 19-38***74♂ | 73.735 | 26.361  |
| 277 | AMIN ESSAAD            | 29/68 | 23° | 08.15:27:25 | 253.1664 | 1164.432 | 16-02***57♂ | 73.639 | 26.4565 |
| 278 | LAAWISSAT              | 11/32 | 11° | 08.15:28:53 | 254.8657 | 1164.39  | 18-16***98♀ | 73.544 | 26.5521 |
| 279 | ELOUADI LOFT           | 10/28 | 10° | 08.15:27:26 | 253.0802 | 1163.946 | 19-17***38♂ | 73.448 | 26.6476 |
| 280 | AMIN ESSAAD            | 29/68 | 24° | 08.15:27:31 | 253.1664 | 1163.892 | 16-02***63♀ | 73.352 | 26.7431 |
| 281 | AMIN ESSAAD            | 29/68 | 25° | 08.15:27:32 | 253.1664 | 1163.808 | 19-62***14♂ | 73.257 | 26.8386 |
| 282 | HICHAM LOFT KAMAL      | 17/37 | 13° | 08.15:27:20 | 252.8791 | 1163.556 | 17-15***61♀ | 73.161 | 26.9341 |
| 283 | AMIN ESSAAD            | 29/68 | 26° | 08.15:27:35 | 253.1664 | 1163.538 | 19-76***99♀ | 73.066 | 27.0296 |

| Cls | Nom                  | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|----------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 284 | IMADE KHAI           | 7/28  | 7°  | 08.15:26:57 | 252.4059 | 1163.43  | 17-14***79♀ | 72.97  | 27.1251 |
| 285 | AMIN ESSAAD          | 29/68 | 27° | 08.15:27:37 | 253.1664 | 1163.358 | 19-76***60♀ | 72.875 | 27.2206 |
| 286 | LOFT HICHAM          | 16/32 | 12° | 08.15:27:26 | 252.8767 | 1163.01  | 19-35***76♂ | 72.779 | 27.3161 |
| 287 | FRERES HAJAR         | 17/31 | 13° | 08.15:27:28 | 252.8541 | 1162.728 | 19-17***76♀ | 72.684 | 27.4117 |
| 288 | HICHAM LOFT KAMAL    | 17/37 | 14° | 08.15:27:31 | 252.8791 | 1162.572 | 17-15***64♀ | 72.588 | 27.5072 |
| 289 | LOFT AMZAR           | 7/12  | 6°  | 08.15:27:46 | 253.0196 | 1161.882 | 19-14***60♀ | 72.493 | 27.6027 |
| 290 | HAMADA               | 2/10  | 2°  | 08.15:26:58 | 252.0708 | 1161.798 | 19-15***69♀ | 72.397 | 27.6982 |
| 291 | FRERES HAJAR         | 17/31 | 14° | 08.15:27:41 | 252.8541 | 1161.57  | 19-62***70♀ | 72.302 | 27.7937 |
| 292 | LOFT ZOUHOR YASSINE  | 6/15  | 3°  | 08.15:27:30 | 252.6365 | 1161.546 | 17-12***08♀ | 72.206 | 27.8892 |
| 293 | LOFT HICHAM          | 16/32 | 13° | 08.15:27:45 | 252.8767 | 1161.318 | 19-42***46♀ | 72.111 | 27.9847 |
| 294 | BENBELLA             | 16/31 | 15° | 08.15:27:55 | 253.046  | 1161.204 | 19-41***86♀ | 72.015 | 28.0802 |
| 295 | BENBELLA             | 16/31 | 16° | 08.15:27:58 | 253.046  | 1160.94  | 19-49***28♂ | 71.92  | 28.1757 |
| 296 | HAMID JIT            | 12/27 | 7°  | 08.15:28:32 | 253.6689 | 1160.778 | 17-19***41♂ | 71.824 | 28.2713 |
| 297 | HAMID JIT            | 12/27 | 8°  | 08.15:28:35 | 253.6689 | 1160.514 | 19-65***40♂ | 71.729 | 28.3668 |
| 297 | LOFT HICHAM          | 16/32 | 14° | 08.15:27:54 | 252.8767 | 1160.514 | 18-06***72♂ | 71.729 | 28.3668 |
| 299 | OTMANE LOFT          | 3/8   | 2°  | 08.15:27:51 | 252.7899 | 1160.382 | 19-72***43♂ | 71.538 | 28.5578 |
| 300 | LOFT TALBI ELMAARUFI | 14/15 | 14° | 08.15:28:07 | 253.0807 | 1160.298 | 19-62***36♂ | 71.442 | 28.6533 |
| 301 | ADAM DAIFI           | 6/15  | 5°  | 08.15:27:18 | 252.1186 | 1160.232 | 19-24***53♂ | 71.347 | 28.7488 |
| 302 | FRERES LAALOU        | 49/57 | 48° | 08.15:27:46 | 252.6295 | 1160.094 | 19-42***67♂ | 71.251 | 28.8443 |
| 303 | AMIN ESSAAD          | 29/68 | 28° | 08.15:28:17 | 253.1664 | 1159.806 | 19-76***82♂ | 71.156 | 28.9398 |
| 304 | FRERES ESSOUHI       | 19/48 | 14° | 08.15:28:27 | 253.3474 | 1159.752 | 19-00***56♀ | 71.06  | 29.0353 |
| 305 | HAMID JIT            | 12/27 | 9°  | 08.15:28:45 | 253.6689 | 1159.632 | 18-24***39♀ | 70.965 | 29.1309 |
| 306 | YOUSSEF TIMOMI       | 3/23  | 3°  | 08.15:28:18 | 253.0978 | 1159.404 | 19-28***42♀ | 70.869 | 29.2264 |
| 307 | SRIGHINI ADIL        | 1/12  | 1°  | 08.15:28:52 | 253.7309 | 1159.296 | 17-01***26♀ | 70.774 | 29.3219 |
| 308 | HAMID JIT            | 12/27 | 10° | 08.15:28:51 | 253.6689 | 1159.098 | 19-77***40♀ | 70.678 | 29.4174 |
| 309 | ABDELWAHED TAHIRI    | 12/43 | 10° | 08.15:28:23 | 253.1122 | 1159.026 | 18-15***25♀ | 70.583 | 29.5129 |
| 310 | FRERES HAJAR         | 17/31 | 15° | 08.15:28:10 | 252.8541 | 1158.996 | 19-13***53♀ | 70.487 | 29.6084 |
| 311 | FRERES LAALOU        | 49/57 | 49° | 08.15:27:59 | 252.6295 | 1158.942 | 17-08***04♂ | 70.392 | 29.7039 |
| 312 | FRERE KHOULALI       | 5/15  | 5°  | 08.15:28:18 | 252.9898 | 1158.906 | 19-57***87♀ | 70.296 | 29.7994 |
| 313 | YASSIN NAWFAL        | 4/18  | 3°  | 08.15:28:15 | 252.89   | 1158.72  | 19-63***41♀ | 70.201 | 29.8949 |
| 314 | LOFT ZAAR            | 5/40  | 5°  | 08.15:28:26 | 253.0562 | 1158.504 | 17-24***32♀ | 70.105 | 29.9904 |
| 315 | FRERES BENTTAHRA     | 8/17  | 7°  | 08.15:27:58 | 252.4824 | 1158.354 | 19-72***72♀ | 70.01  | 30.086  |
| 316 | HAMID JIT            | 12/27 | 11° | 08.15:29:00 | 253.6689 | 1158.306 | 19-36***27♀ | 69.914 | 30.1815 |
| 317 | AAMIMI               | 3/17  | 2°  | 08.15:28:24 | 252.866  | 1157.814 | 19-05***60♀ | 69.819 | 30.277  |
| 318 | LOFT AMZAR           | 7/12  | 7°  | 08.15:28:32 | 253.0196 | 1157.808 | 19-58***93♀ | 69.723 | 30.3725 |
| 319 | FRERES BENTTAHRA     | 8/17  | 8°  | 08.15:28:05 | 252.4824 | 1157.736 | 19-72***63♂ | 69.628 | 30.468  |
| 320 | OTMANE LOFT          | 3/8   | 3°  | 08.15:28:24 | 252.7899 | 1157.46  | 17-08***31♀ | 69.532 | 30.5635 |
| 321 | ABDELWAHED TAHIRI    | 12/43 | 11° | 08.15:28:41 | 253.1122 | 1157.436 | 19-72***51♂ | 69.437 | 30.659  |
| 322 | FRERES ESSOUHI       | 19/48 | 15° | 08.15:28:56 | 253.3474 | 1157.19  | 19-00***24♀ | 69.341 | 30.7545 |
| 323 | YASSIN NAWFAL        | 4/18  | 4°  | 08.15:28:39 | 252.89   | 1156.596 | 17-16***96♀ | 69.246 | 30.85   |
| 323 | ADAM DAIFI           | 6/15  | 6°  | 08.15:27:59 | 252.1186 | 1156.596 | 19-17***04♂ | 69.246 | 30.85   |
| 325 | EL OTHMANIE          | 2/21  | 2°  | 08.15:29:33 | 253.7311 | 1155.69  | 18-57***75♂ | 69.054 | 31.0411 |



| Cls | Nom                    | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|------------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 326 | AMIN ESSAAD            | 29/68 | 29° | 08.15:29:07 | 253.1664 | 1155.396 | 17-08***42♂ | 68.959 | 31.1366 |
| 327 | FRERES ESSOUHI         | 19/48 | 16° | 08.15:29:18 | 253.3474 | 1155.252 | 19-00***64♂ | 68.863 | 31.2321 |
| 328 | FRERES ESSOUHI         | 19/48 | 17° | 08.15:29:23 | 253.3474 | 1154.814 | 19-00***76♂ | 68.768 | 31.3276 |
| 329 | HICHAM LOFT KAMAL      | 17/37 | 15° | 08.15:29:05 | 252.8791 | 1154.262 | 17-47***84♀ | 68.672 | 31.4231 |
| 330 | FRERES ESSOUHI         | 19/48 | 18° | 08.15:29:34 | 253.3474 | 1153.854 | 19-00***54♀ | 68.577 | 31.5186 |
| 331 | LOFT HICHAM            | 16/32 | 15° | 08.15:29:10 | 252.8767 | 1153.812 | 18-06***71♀ | 68.481 | 31.6141 |
| 332 | HICHAM LOFT KAMAL      | 17/37 | 16° | 08.15:29:11 | 252.8791 | 1153.734 | 19-63***31♀ | 68.386 | 31.7096 |
| 333 | LOFT ZOUHOR YASSINE    | 6/15  | 4°  | 08.15:29:00 | 252.6365 | 1153.59  | 19-78***71♀ | 68.29  | 31.8052 |
| 334 | YOUSSEF DARZAZ         | 13/27 | 12° | 08.15:29:14 | 252.8814 | 1153.482 | 19-71***85♀ | 68.195 | 31.9007 |
| 335 | HICHAM LOFT KAMAL      | 17/37 | 17° | 08.15:29:16 | 252.8791 | 1153.296 | 19-63***29♂ | 68.099 | 31.9962 |
| 336 | FRERES HAJAR           | 17/31 | 16° | 08.15:29:18 | 252.8541 | 1153.008 | 19-36***98♀ | 68.004 | 32.0917 |
| 337 | LOFT ZOUHOR YASSINE    | 6/15  | 5°  | 08.15:29:09 | 252.6365 | 1152.804 | 19-94***29♂ | 67.908 | 32.1872 |
| 338 | FRERES HAJAR           | 17/31 | 17° | 08.15:29:21 | 252.8541 | 1152.744 | 19-13***54♀ | 67.813 | 32.2827 |
| 339 | AAMIMI                 | 3/17  | 3°  | 08.15:29:25 | 252.866  | 1152.444 | 18-14***26♀ | 67.717 | 32.3782 |
| 340 | HAMID JIT              | 12/27 | 12° | 08.15:30:07 | 253.6689 | 1152.432 | 19-15***27♂ | 67.622 | 32.4737 |
| 341 | YOUSSEF DARZAZ         | 13/27 | 13° | 08.15:29:27 | 252.8814 | 1152.342 | 19-71***98♀ | 67.526 | 32.5692 |
| 342 | FRERES ESSOUHI         | 19/48 | 19° | 08.15:29:52 | 253.3474 | 1152.276 | 16-02***61♀ | 67.431 | 32.6648 |
| 343 | ABDELWAHED TAHIRI      | 12/43 | 12° | 08.15:29:40 | 253.1122 | 1152.258 | 18-83***34♀ | 67.335 | 32.7603 |
| 344 | LOFT HICHAM            | 16/32 | 16° | 08.15:29:28 | 252.8767 | 1152.234 | 19-17***24♂ | 67.24  | 32.8558 |
| 345 | LOFT ZOUHOR YASSINE    | 6/15  | 6°  | 08.15:29:17 | 252.6365 | 1152.102 | 17-96***31♀ | 67.144 | 32.9513 |
| 346 | ABDELWAHED TAHIRI      | 12/43 | 13° | 08.15:29:44 | 253.1122 | 1151.904 | 19-15***49♀ | 67.049 | 33.0468 |
| 347 | AMIN ESSAAD            | 29/68 | 30° | 08.15:29:47 | 253.1664 | 1151.892 | 17-08***45♀ | 66.953 | 33.1423 |
| 348 | ABDELWAHED TAHIRI      | 12/43 | 14° | 08.15:29:47 | 253.1122 | 1151.646 | 19-33***64♀ | 66.858 | 33.2378 |
| 349 | ELOUADI LOFT           | 10/28 | 11° | 08.15:29:49 | 253.0802 | 1151.322 | 19-10***74♂ | 66.762 | 33.3333 |
| 350 | FRERES ESSOUHI         | 19/48 | 20° | 08.15:30:04 | 253.3474 | 1151.232 | 19-00***53♂ | 66.667 | 33.4288 |
| 351 | ADAM DAIFI             | 6/15  | 7°  | 08.15:29:02 | 252.1186 | 1151.052 | 19-13***58♂ | 66.571 | 33.5244 |
| 352 | AMIN ESSAAD            | 29/68 | 31° | 08.15:29:57 | 253.1664 | 1151.016 | 19-76***93♂ | 66.476 | 33.6199 |
| 353 | AMIN ESSAAD            | 29/68 | 32° | 08.15:30:00 | 253.1664 | 1150.758 | 16-08***01♀ | 66.38  | 33.7154 |
| 354 | SRIGHINI ADIL          | 1/12  | 2°  | 08.15:30:30 | 253.7309 | 1150.71  | 19-11***35♀ | 66.285 | 33.8109 |
| 355 | BENBELLA               | 16/31 | 17° | 08.15:29:55 | 253.046  | 1150.644 | 19-41***52♀ | 66.189 | 33.9064 |
| 356 | FRERES LAALOU          | 49/57 | 50° | 08.15:29:34 | 252.6295 | 1150.584 | 17-08***65♀ | 66.094 | 34.0019 |
| 357 | FRERES HAJAR           | 17/31 | 18° | 08.15:29:46 | 252.8541 | 1150.554 | 19-62***66♂ | 65.998 | 34.0974 |
| 358 | HICHAM LOFT KAMAL      | 17/37 | 18° | 08.15:29:50 | 252.8791 | 1150.32  | 18-36***17♀ | 65.903 | 34.1929 |
| 359 | FRERES HAJAR           | 17/31 | 19° | 08.15:29:52 | 252.8541 | 1150.032 | 17-04***10♂ | 65.807 | 34.2884 |
| 360 | BENBELLA               | 16/31 | 18° | 08.15:30:05 | 253.046  | 1149.774 | 18-08***23♂ | 65.712 | 34.384  |
| 361 | LOFT ZAAR              | 5/40  | 6°  | 08.15:30:09 | 253.0562 | 1149.474 | 18-14***26♀ | 65.616 | 34.4795 |
| 362 | FRERES ZGHOD<br>HIMMOU | 0/8   | 1°  | 08.15:29:30 | 252.2036 | 1148.994 | 19-13***58♂ | 65.521 | 34.575  |
| 363 | LOFT AMZAR             | 7/12  | 8°  | 08.15:30:13 | 253.0196 | 1148.958 | 19-05***30♂ | 65.425 | 34.6705 |
| 364 | FRERES ESSOUHI         | 19/48 | 21° | 08.15:30:32 | 253.3474 | 1148.796 | 17-89***66♂ | 65.33  | 34.766  |
| 365 | FRERES LAALOU          | 49/57 | 51° | 08.15:29:59 | 252.6295 | 1148.4   | 18-00***16♀ | 65.234 | 34.8615 |
| 366 | LOFT ZAAR              | 5/40  | 7°  | 08.15:30:23 | 253.0562 | 1148.256 | 18-54***75♂ | 65.139 | 34.957  |
| 367 | HAMID JIT              | 12/27 | 13° | 08.15:30:56 | 253.6689 | 1148.172 | 19-81***90♂ | 65.043 | 35.0525 |

| Cls | Nom                 | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|---------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 368 | FRERES ESSOUHI      | 19/48 | 22° | 08.15:30:43 | 253.3474 | 1147.842 | 19-00***13♀ | 64.948 | 35.148  |
| 369 | ELOUADI LOFT        | 10/28 | 12° | 08.15:30:30 | 253.0802 | 1147.758 | 19-63***44♀ | 64.852 | 35.2436 |
| 370 | FRERES ESSOUHI      | 19/48 | 23° | 08.15:30:52 | 253.3474 | 1147.062 | 19-37***37♀ | 64.756 | 35.3391 |
| 371 | ELOUADI LOFT        | 10/28 | 13° | 08.15:30:43 | 253.0802 | 1146.63  | 19-28***63♂ | 64.661 | 35.4346 |
| 372 | YOUSSEF DARZAZ      | 13/27 | 14° | 08.15:30:39 | 252.8814 | 1146.072 | 17-40***74♂ | 64.565 | 35.5301 |
| 373 | ABDELWAHED TAHIRI   | 12/43 | 15° | 08.15:30:52 | 253.1122 | 1145.994 | 18-83***36♂ | 64.47  | 35.6256 |
| 374 | EL OTHMANIE         | 2/21  | 3°  | 08.15:31:31 | 253.7311 | 1145.424 | 12-47***46♂ | 64.374 | 35.7211 |
| 375 | FRERES ESSOUHI      | 19/48 | 24° | 08.15:31:14 | 253.3474 | 1145.16  | 18-09***47♀ | 64.279 | 35.8166 |
| 376 | YOUSSEF DARZAZ      | 13/27 | 15° | 08.15:30:57 | 252.8814 | 1144.518 | 19-71***90♂ | 64.183 | 35.9121 |
| 377 | HAMADA              | 2/10  | 3°  | 08.15:30:18 | 252.0708 | 1144.218 | 19-06***40♂ | 64.088 | 36.0076 |
| 378 | ABDELWAHED TAHIRI   | 12/43 | 16° | 08.15:31:16 | 253.1122 | 1143.924 | 19-33***56♂ | 63.992 | 36.1032 |
| 379 | FRERES LAALOU       | 49/57 | 52° | 08.15:30:51 | 252.6295 | 1143.894 | 17-08***14♀ | 63.897 | 36.1987 |
| 380 | FRERE KHOULALI      | 5/15  | 6°  | 08.15:31:13 | 252.9898 | 1143.63  | 17-05***33♂ | 63.801 | 36.2942 |
| 381 | ELOUADI LOFT        | 10/28 | 14° | 08.15:31:19 | 253.0802 | 1143.522 | 19-63***84♂ | 63.706 | 36.3897 |
| 382 | AMIN ESSAAD         | 29/68 | 33° | 08.15:31:30 | 253.1664 | 1142.964 | 19-76***05♂ | 63.61  | 36.4852 |
| 383 | AMIN ESSAAD         | 29/68 | 34° | 08.15:31:31 | 253.1664 | 1142.88  | 19-76***04♂ | 63.515 | 36.5807 |
| 384 | FRERES ESSOUHI      | 19/48 | 25° | 08.15:31:41 | 253.3474 | 1142.832 | 19-00***58♀ | 63.419 | 36.6762 |
| 385 | FRERES ESSOUHI      | 19/48 | 26° | 08.15:31:42 | 253.3474 | 1142.748 | 19-00***98♀ | 63.324 | 36.7717 |
| 386 | HICHAM LOFT KAMAL   | 17/37 | 19° | 08.15:31:20 | 252.8791 | 1142.526 | 19-97***06♀ | 63.228 | 36.8672 |
| 387 | LOFT AMZAR          | 7/12  | 9°  | 08.15:31:28 | 253.0196 | 1142.472 | 19-94***51♂ | 63.133 | 36.9628 |
| 388 | AMIN ESSAAD         | 29/68 | 35° | 08.15:31:37 | 253.1664 | 1142.364 | 19-76***58♀ | 63.037 | 37.0583 |
| 389 | BENBELLA            | 16/31 | 19° | 08.15:31:43 | 253.046  | 1141.302 | 19-41***85♂ | 62.942 | 37.1538 |
| 390 | LOFT HICHAM         | 16/32 | 17° | 08.15:31:35 | 252.8767 | 1141.224 | 18-06***83♂ | 62.846 | 37.2493 |
| 391 | FRERES HAJAR        | 17/31 | 20° | 08.15:31:41 | 252.8541 | 1140.612 | 19-62***76♀ | 62.751 | 37.3448 |
| 392 | LOFT ZOUHOR YASSINE | 6/15  | 7°  | 08.15:31:34 | 252.6365 | 1140.228 | 19-78***99♂ | 62.655 | 37.4403 |
| 393 | BENBELLA            | 16/31 | 20° | 08.15:31:59 | 253.046  | 1139.934 | 19-71***70♀ | 62.56  | 37.5358 |
| 394 | ABDELWAHED TAHIRI   | 12/43 | 17° | 08.15:32:07 | 253.1122 | 1139.544 | 19-53***29♂ | 62.464 | 37.6313 |
| 395 | AMIN ESSAAD         | 29/68 | 36° | 08.15:32:14 | 253.1664 | 1139.19  | 17-34***76♀ | 62.369 | 37.7268 |
| 396 | FRERES HAJAR        | 17/31 | 21° | 08.15:31:59 | 252.8541 | 1139.07  | 17-93***10♂ | 62.273 | 37.8223 |
| 397 | FRERES ESSOUHI      | 19/48 | 27° | 08.15:32:30 | 253.3474 | 1138.638 | 19-93***69♀ | 62.178 | 37.9179 |
| 398 | YOUSSEF DARZAZ      | 13/27 | 16° | 08.15:32:10 | 252.8814 | 1138.248 | 19-75***02♂ | 62.082 | 38.0134 |
| 399 | AMIN ESSAAD         | 29/68 | 37° | 08.15:32:26 | 253.1664 | 1138.17  | 16-02***55♀ | 61.987 | 38.1089 |
| 400 | FRERES ESSOUHI      | 19/48 | 28° | 08.15:32:40 | 253.3474 | 1137.786 | 18-08***29♂ | 61.891 | 38.2044 |
| 401 | FRERES HAJAR        | 17/31 | 22° | 08.15:32:21 | 252.8541 | 1137.192 | 19-60***08♀ | 61.796 | 38.2999 |
| 402 | HAMID JIT           | 12/27 | 14° | 08.15:33:10 | 253.6689 | 1136.682 | 18-48***71♂ | 61.7   | 38.3954 |
| 403 | FRERES ESSOUHI      | 19/48 | 29° | 08.15:32:57 | 253.3474 | 1136.34  | 19-00***61♂ | 61.605 | 38.4909 |
| 404 | FRERES ESSOUHI      | 19/48 | 30° | 08.15:33:04 | 253.3474 | 1135.746 | 19-00***14♂ | 61.509 | 38.5864 |
| 405 | FRERES ESSOUHI      | 19/48 | 31° | 08.15:33:06 | 253.3474 | 1135.578 | 19-00***02♂ | 61.414 | 38.6819 |
| 406 | AMIN ESSAAD         | 29/68 | 38° | 08.15:33:03 | 253.1664 | 1135.02  | 18-46***81♀ | 61.318 | 38.7775 |
| 407 | HAMID JIT           | 12/27 | 15° | 08.15:33:30 | 253.6689 | 1134.984 | 19-77***32♂ | 61.223 | 38.873  |
| 407 | FRERES ESSOUHI      | 19/48 | 32° | 08.15:33:13 | 253.3474 | 1134.984 | 19-08***14♂ | 61.223 | 38.873  |
| 409 | ABDELWAHED TAHIRI   | 12/43 | 18° | 08.15:33:04 | 253.1122 | 1134.696 | 18-15***16♂ | 61.032 | 39.064  |

| Cls | Nom                 | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|---------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 410 | LOFT ELMORKADI      | 0/19  | 1°  | 08.15:32:52 | 252.8754 | 1134.648 | 17-20***05♂ | 60.936 | 39.1595 |
| 411 | YOUSSEF DARZAZ      | 13/27 | 17° | 08.15:33:08 | 252.8814 | 1133.322 | 19-71***87♀ | 60.841 | 39.255  |
| 412 | ABDELWAHED TAHIRI   | 12/43 | 19° | 08.15:33:22 | 253.1122 | 1133.172 | 18-83***32♂ | 60.745 | 39.3505 |
| 413 | LAAWISSAT           | 11/32 | 12° | 08.15:34:57 | 254.8657 | 1132.986 | 17-34***17♂ | 60.65  | 39.446  |
| 414 | ABDELWAHED TAHIRI   | 12/43 | 20° | 08.15:33:32 | 253.1122 | 1132.326 | 17-09***54♀ | 60.554 | 39.5415 |
| 415 | AMIN ESSAAD         | 29/68 | 39° | 08.15:33:39 | 253.1664 | 1131.978 | 18-46***83♀ | 60.459 | 39.6371 |
| 416 | LOFT ZOUHOR YASSINE | 6/15  | 8°  | 08.15:33:11 | 252.6365 | 1131.966 | 17-39***16♀ | 60.363 | 39.7326 |
| 417 | LOFT HICHAM         | 16/32 | 18° | 08.15:33:49 | 252.8767 | 1129.836 | 18-63***78♀ | 60.267 | 39.8281 |
| 418 | HAMID JIT           | 12/27 | 16° | 08.15:34:40 | 253.6689 | 1129.092 | 19-36***26♀ | 60.172 | 39.9236 |
| 419 | LOFT HICHAM         | 16/32 | 19° | 08.15:33:58 | 252.8767 | 1129.08  | 19-17***23♂ | 60.076 | 40.0191 |
| 420 | BENBELLA            | 16/31 | 21° | 08.15:34:11 | 253.046  | 1128.744 | 19-41***97♀ | 59.981 | 40.1146 |
| 421 | LOFT AMZAR          | 7/12  | 10° | 08.15:34:10 | 253.0196 | 1128.714 | 19-16***71♀ | 59.885 | 40.2101 |
| 422 | ABDELWAHED TAHIRI   | 12/43 | 21° | 08.15:34:18 | 253.1122 | 1128.456 | 19-82***24♀ | 59.79  | 40.3056 |
| 423 | BENBELLA            | 16/31 | 22° | 08.15:34:15 | 253.046  | 1128.408 | 17-93***46♀ | 59.694 | 40.4011 |
| 424 | AMIN ESSAAD         | 29/68 | 40° | 08.15:34:23 | 253.1664 | 1128.276 | 19-60***68♂ | 59.599 | 40.4967 |
| 425 | ABDELWAHED TAHIRI   | 12/43 | 22° | 08.15:34:22 | 253.1122 | 1128.12  | 19-15***45♂ | 59.503 | 40.5922 |
| 426 | YOUSSEF DARZAZ      | 13/27 | 18° | 08.15:34:12 | 252.8814 | 1127.928 | 19-71***89♀ | 59.408 | 40.6877 |
| 427 | LOFT HICHAM         | 16/32 | 20° | 08.15:34:24 | 252.8767 | 1126.902 | 19-42***63♂ | 59.312 | 40.7832 |
| 428 | FRERE KHOULALI      | 5/15  | 7°  | 08.15:34:35 | 252.9898 | 1126.482 | 19-57***81♀ | 59.217 | 40.8787 |
| 429 | FRERES HAJAR        | 17/31 | 23° | 08.15:34:31 | 252.8541 | 1126.218 | 18-41***11♀ | 59.121 | 40.9742 |
| 430 | LOFT HICHAM         | 16/32 | 21° | 08.15:34:34 | 252.8767 | 1126.062 | 19-63***43♀ | 59.026 | 41.0697 |
| 431 | BENBELLA            | 16/31 | 23° | 08.15:34:46 | 253.046  | 1125.816 | 17-16***33♂ | 58.93  | 41.1652 |
| 432 | FRERES HAJAR        | 17/31 | 24° | 08.15:34:39 | 252.8541 | 1125.546 | 19-62***68♀ | 58.835 | 41.2607 |
| 433 | FRERE KHOULALI      | 5/15  | 8°  | 08.15:34:47 | 252.9898 | 1125.48  | 19-57***80♀ | 58.739 | 41.3563 |
| 434 | HAMADA              | 2/10  | 4°  | 08.15:34:00 | 252.0708 | 1125.318 | 19-06***60♀ | 58.644 | 41.4518 |
| 435 | ABDELWAHED TAHIRI   | 12/43 | 23° | 08.15:34:56 | 253.1122 | 1125.276 | 18-15***08♀ | 58.548 | 41.5473 |
| 436 | FRERE KHOULALI      | 5/15  | 9°  | 08.15:34:54 | 252.9898 | 1124.898 | 19-08***58♀ | 58.453 | 41.6428 |
| 436 | LOFT HICHAM         | 16/32 | 22° | 08.15:34:48 | 252.8767 | 1124.898 | 19-17***06♀ | 58.453 | 41.6428 |
| 438 | FRERE KHOULALI      | 5/15  | 10° | 08.15:34:57 | 252.9898 | 1124.646 | 19-57***83♀ | 58.262 | 41.8338 |
| 439 | HAMID JIT           | 12/27 | 17° | 08.15:35:35 | 253.6689 | 1124.502 | 19-74***55♂ | 58.166 | 41.9293 |
| 440 | FRERES ESSOUHI      | 19/48 | 33° | 08.15:35:19 | 253.3474 | 1124.406 | 19-00***00♀ | 58.071 | 42.0248 |
| 441 | HAMID JIT           | 12/27 | 18° | 08.15:35:39 | 253.6689 | 1124.172 | 19-70***66♂ | 57.975 | 42.1203 |
| 442 | LOFT HICHAM         | 16/32 | 23° | 08.15:35:02 | 252.8767 | 1123.728 | 18-08***16♂ | 57.88  | 42.2159 |
| 443 | LOFT HICHAM         | 16/32 | 24° | 08.15:35:04 | 252.8767 | 1123.566 | 18-63***76♂ | 57.784 | 42.3114 |
| 444 | YOUSSEF DARZAZ      | 13/27 | 19° | 08.15:35:07 | 252.8814 | 1123.332 | 19-71***83♂ | 57.689 | 42.4069 |
| 445 | YOUSSEF DARZAZ      | 13/27 | 20° | 08.15:35:09 | 252.8814 | 1123.17  | 19-75***03♀ | 57.593 | 42.5024 |
| 446 | FRERES LAALOU       | 49/57 | 53° | 08.15:34:57 | 252.6295 | 1123.05  | 18-00***89♂ | 57.498 | 42.5979 |
| 447 | LOFT HICHAM         | 16/32 | 25° | 08.15:35:13 | 252.8767 | 1122.816 | 19-08***03♂ | 57.402 | 42.6934 |
| 448 | LOFT HICHAM         | 16/32 | 26° | 08.15:35:18 | 252.8767 | 1122.402 | 18-08***77♂ | 57.307 | 42.7889 |
| 449 | LOFT ZOUHOR YASSINE | 6/15  | 9°  | 08.15:35:07 | 252.6365 | 1122.246 | 19-78***85♂ | 57.211 | 42.8844 |
| 450 | LOFT HICHAM         | 16/32 | 27° | 08.15:35:22 | 252.8767 | 1122.066 | 18-06***70♀ | 57.116 | 42.9799 |
| 451 | FRERES LAALOU       | 49/57 | 54° | 08.15:35:09 | 252.6295 | 1122.048 | 18-11***43♂ | 57.02  | 43.0755 |

| Cls | Nom                 | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|---------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 452 | FRERES ZGHOD HIMMOU | 0/8   | 2°  | 08.15:34:48 | 252.2036 | 1121.904 | 17-00***13♂ | 56.925 | 43.171  |
| 453 | FRERES LAALOU       | 49/57 | 55° | 08.15:35:11 | 252.6295 | 1121.886 | 19-03***94♀ | 56.829 | 43.2665 |
| 454 | FRERES ESSOUHI      | 19/48 | 34° | 08.15:35:50 | 253.3474 | 1121.832 | 19-00***59♀ | 56.734 | 43.362  |
| 455 | FRERES ESSOUHI      | 19/48 | 35° | 08.15:35:52 | 253.3474 | 1121.67  | 19-00***73♂ | 56.638 | 43.4575 |
| 456 | HAMADA              | 2/10  | 5°  | 08.15:34:46 | 252.0708 | 1121.478 | 19-06***35♀ | 56.543 | 43.553  |
| 457 | FRERES ESSOUHI      | 19/48 | 36° | 08.15:36:09 | 253.3474 | 1120.26  | 19-00***90♀ | 56.447 | 43.6485 |
| 458 | AMIN ESSAAD         | 29/68 | 41° | 08.15:36:04 | 253.1664 | 1119.876 | 19-76***77♀ | 56.352 | 43.744  |
| 459 | YOUSSEF DARZAZ      | 13/27 | 21° | 08.15:35:49 | 252.8814 | 1119.852 | 18-30***84♂ | 56.256 | 43.8395 |
| 460 | ABDELWAHED TAHIRI   | 12/43 | 24° | 08.15:36:12 | 253.1122 | 1118.976 | 18-15***04♀ | 56.161 | 43.9351 |
| 461 | FRERES ZGHOD HIMMOU | 0/8   | 3°  | 08.15:35:25 | 252.2036 | 1118.832 | 18-08***93♀ | 56.065 | 44.0306 |
| 462 | LOFT AMZAR          | 7/12  | 11° | 08.15:36:27 | 253.0196 | 1117.332 | 19-72***09♀ | 55.969 | 44.1261 |
| 463 | BENBELLA            | 16/31 | 24° | 08.15:36:32 | 253.046  | 1117.038 | 18-58***88♀ | 55.874 | 44.2216 |
| 464 | AMIN ESSAAD         | 29/68 | 42° | 08.15:36:44 | 253.1664 | 1116.582 | 19-76***64♂ | 55.778 | 44.3171 |
| 465 | AMIN ESSAAD         | 29/68 | 43° | 08.15:36:53 | 253.1664 | 1115.844 | 19-76***06♂ | 55.683 | 44.4126 |
| 466 | ABDELWAHED TAHIRI   | 12/43 | 25° | 08.15:36:53 | 253.1122 | 1115.604 | 19-32***90♂ | 55.587 | 44.5081 |
| 467 | ABDELWAHED TAHIRI   | 12/43 | 26° | 08.15:36:57 | 253.1122 | 1115.28  | 19-53***09♀ | 55.492 | 44.6036 |
| 468 | ABDELWAHED TAHIRI   | 12/43 | 27° | 08.15:37:00 | 253.1122 | 1115.034 | 19-72***50♀ | 55.396 | 44.6991 |
| 469 | LOFT AMZAR          | 7/12  | 12° | 08.15:36:57 | 253.0196 | 1114.872 | 17-63***25♂ | 55.301 | 44.7947 |
| 470 | FRERE KHOULALI      | 5/15  | 11° | 08.15:36:56 | 252.9898 | 1114.818 | 16-15***68♂ | 55.205 | 44.8902 |
| 471 | HAMID JIT           | 12/27 | 19° | 08.15:37:33 | 253.6689 | 1114.782 | 17-32***33♂ | 55.11  | 44.9857 |
| 472 | HAMID JIT           | 12/27 | 20° | 08.15:37:43 | 253.6689 | 1113.966 | 17-84***98♂ | 55.014 | 45.0812 |
| 473 | FRERE KHOULALI      | 5/15  | 12° | 08.15:37:16 | 252.9898 | 1113.186 | 18-31***03♂ | 54.919 | 45.1767 |
| 474 | AMIN ESSAAD         | 29/68 | 44° | 08.15:37:43 | 253.1664 | 1111.758 | 19-76***87♀ | 54.823 | 45.2722 |
| 475 | YOUSSEF DARZAZ      | 13/27 | 22° | 08.15:37:40 | 252.8814 | 1110.75  | 19-71***97♂ | 54.728 | 45.3677 |
| 476 | HAMID JIT           | 12/27 | 21° | 08.15:38:23 | 253.6689 | 1110.714 | 17-84***95♂ | 54.632 | 45.4632 |
| 477 | YOUSSEF DARZAZ      | 13/27 | 23° | 08.15:37:42 | 252.8814 | 1110.588 | 19-71***92♂ | 54.537 | 45.5587 |
| 478 | FRERES HAJAR        | 17/31 | 25° | 08.15:37:48 | 252.8541 | 1109.982 | 19-42***22♀ | 54.441 | 45.6543 |
| 479 | YOUSSEF DARZAZ      | 13/27 | 24° | 08.15:38:07 | 252.8814 | 1108.56  | 19-75***01♀ | 54.346 | 45.7498 |
| 480 | LOFT ZOUHOR YASSINE | 6/15  | 10° | 08.15:37:56 | 252.6365 | 1108.38  | 19-28***85♀ | 54.25  | 45.8453 |
| 481 | AMIN ESSAAD         | 29/68 | 45° | 08.15:38:36 | 253.1664 | 1107.462 | 19-76***81♂ | 54.155 | 45.9408 |
| 482 | EL OTHMANIE         | 2/21  | 4°  | 08.15:39:10 | 253.7311 | 1107.192 | 19-49***84♂ | 54.059 | 46.0363 |
| 483 | EL OTHMANIE         | 2/21  | 5°  | 08.15:39:17 | 253.7311 | 1106.628 | 19-24***28♂ | 53.964 | 46.1318 |
| 484 | ABDELWAHED TAHIRI   | 12/43 | 28° | 08.15:38:44 | 253.1122 | 1106.58  | 19-33***57♂ | 53.868 | 46.2273 |
| 485 | LOFT HICHAM         | 16/32 | 28° | 08.15:38:33 | 252.8767 | 1106.442 | 19-50***47♂ | 53.773 | 46.3228 |
| 486 | BENBELLA            | 16/31 | 25° | 08.15:38:43 | 253.046  | 1106.376 | 19-41***74♂ | 53.677 | 46.4183 |
| 487 | BENBELLA            | 16/31 | 26° | 08.15:38:46 | 253.046  | 1106.13  | 18-58***82♀ | 53.582 | 46.5138 |
| 488 | BENBELLA            | 16/31 | 27° | 08.15:38:54 | 253.046  | 1105.488 | 19-17***32♂ | 53.486 | 46.6094 |
| 489 | HAMID JIT           | 12/27 | 22° | 08.15:40:05 | 253.6689 | 1102.506 | 19-37***46♂ | 53.391 | 46.7049 |
| 490 | LOFT ZOUHOR YASSINE | 6/15  | 11° | 08.15:39:13 | 252.6365 | 1102.176 | 17-69***82♀ | 53.295 | 46.8004 |
| 491 | ABDELWAHED TAHIRI   | 12/43 | 29° | 08.15:39:41 | 253.1122 | 1102.008 | 19-72***43♀ | 53.2   | 46.8959 |
| 492 | HAMID JIT           | 12/27 | 23° | 08.15:40:17 | 253.6689 | 1101.552 | 19-12***66♂ | 53.104 | 46.9914 |



| Cls | Nom                 | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|---------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 493 | ABDELWAHED TAHIRI   | 12/43 | 30° | 08.15:39:48 | 253.1122 | 1101.444 | 19-32***89♂ | 53.009 | 47.0869 |
| 494 | SRIGHINI ADIL       | 1/12  | 3°  | 08.15:40:26 | 253.7309 | 1101.102 | 19-99***72♀ | 52.913 | 47.1824 |
| 495 | AAMIMI              | 3/17  | 4°  | 08.15:39:41 | 252.866  | 1100.934 | 19-04***73♀ | 52.818 | 47.2779 |
| 496 | HAMID JIT           | 12/27 | 24° | 08.15:40:38 | 253.6689 | 1099.878 | 19-14***42♂ | 52.722 | 47.3734 |
| 497 | FRERE KHOULALI      | 5/15  | 13° | 08.15:40:41 | 252.9898 | 1096.698 | 19-04***91♀ | 52.627 | 47.469  |
| 498 | YOUSSEF DARZAZ      | 13/27 | 25° | 08.15:41:11 | 252.8814 | 1093.854 | 18-30***87♀ | 52.531 | 47.5645 |
| 499 | HATIME ELAAMMARI    | 0/16  | 1°  | 08.15:41:55 | 253.5878 | 1093.446 | 18-08***30♂ | 52.436 | 47.66   |
| 500 | LOFT HICHAM         | 16/32 | 29° | 08.15:41:26 | 252.8767 | 1092.654 | 18-63***79♀ | 52.34  | 47.7555 |
| 501 | LOFT HICHAM         | 16/32 | 30° | 08.15:41:42 | 252.8767 | 1091.394 | 19-17***08♂ | 52.245 | 47.851  |
| 502 | AMIN ESSAAD         | 29/68 | 46° | 08.15:42:02 | 253.1664 | 1091.076 | 19-76***02♀ | 52.149 | 47.9465 |
| 503 | HAMID JIT           | 12/27 | 25° | 08.15:42:30 | 253.6689 | 1091.052 | 19-74***50♀ | 52.054 | 48.042  |
| 504 | ELOUADI LOFT        | 10/28 | 15° | 08.15:42:02 | 253.0802 | 1090.704 | 19-09***55♀ | 51.958 | 48.1375 |
| 505 | HATIME ELAAMMARI    | 0/16  | 2°  | 08.15:42:30 | 253.5878 | 1090.698 | 17-00***12♀ | 51.863 | 48.233  |
| 506 | AMIN ESSAAD         | 29/68 | 47° | 08.15:42:11 | 253.1664 | 1090.374 | 18-46***88♀ | 51.767 | 48.3286 |
| 507 | HICHAM LOFT KAMAL   | 17/37 | 20° | 08.15:42:00 | 252.8791 | 1089.996 | 19-38***58♀ | 51.671 | 48.4241 |
| 508 | FRERES LAALOU       | 49/57 | 56° | 08.15:41:48 | 252.6295 | 1089.858 | 19-03***31♀ | 51.576 | 48.5196 |
| 509 | AMIN ESSAAD         | 29/68 | 48° | 08.15:42:20 | 253.1664 | 1089.666 | 19-84***08♂ | 51.48  | 48.6151 |
| 510 | HICHAM LOFT KAMAL   | 17/37 | 21° | 08.15:42:05 | 252.8791 | 1089.606 | 19-63***51♀ | 51.385 | 48.7106 |
| 511 | FRERES ESSOUHI      | 19/48 | 37° | 08.15:42:45 | 253.3474 | 1088.496 | 17-21***75♂ | 51.289 | 48.8061 |
| 512 | FRERES ESSOUHI      | 19/48 | 38° | 08.15:42:50 | 253.3474 | 1088.106 | 19-84***48♀ | 51.194 | 48.9016 |
| 512 | ABDELWAHED TAHIRI   | 12/43 | 31° | 08.15:42:37 | 253.1122 | 1088.106 | 19-33***65♂ | 51.194 | 48.9016 |
| 514 | HICHAM LOFT KAMAL   | 17/37 | 22° | 08.15:42:29 | 252.8791 | 1087.728 | 19-71***56♂ | 51.003 | 49.0926 |
| 515 | AMIN ESSAAD         | 29/68 | 49° | 08.15:42:47 | 253.1664 | 1087.56  | 19-76***76♀ | 50.907 | 49.1882 |
| 516 | AMIN ESSAAD         | 29/68 | 50° | 08.15:42:49 | 253.1664 | 1087.404 | 19-76***85♂ | 50.812 | 49.2837 |
| 517 | HICHAM LOFT KAMAL   | 17/37 | 23° | 08.15:42:50 | 252.8791 | 1086.096 | 19-27***18♂ | 50.716 | 49.3792 |
| 518 | LOFT ZOUHOR YASSINE | 6/15  | 12° | 08.15:42:40 | 252.6365 | 1085.832 | 19-71***32♂ | 50.621 | 49.4747 |
| 519 | HICHAM LOFT KAMAL   | 17/37 | 24° | 08.15:42:58 | 252.8791 | 1085.472 | 19-38***01♀ | 50.525 | 49.5702 |
| 520 | HICHAM LOFT KAMAL   | 17/37 | 25° | 08.15:43:13 | 252.8791 | 1084.308 | 19-61***48♂ | 50.43  | 49.6657 |
| 521 | AAMIMI              | 3/17  | 5°  | 08.15:43:19 | 252.866  | 1083.786 | 19-15***01♀ | 50.334 | 49.7612 |
| 522 | AMIN ESSAAD         | 29/68 | 51° | 08.15:43:43 | 253.1664 | 1083.222 | 18-00***84♂ | 50.239 | 49.8567 |
| 523 | AMIN ESSAAD         | 29/68 | 52° | 08.15:43:47 | 253.1664 | 1082.91  | 18-46***36♀ | 50.143 | 49.9522 |
| 524 | AMIN ESSAAD         | 29/68 | 53° | 08.15:43:51 | 253.1664 | 1082.604 | 19-76***71♀ | 50.048 | 50.0478 |
| 525 | HATIME ELAAMMARI    | 0/16  | 3°  | 08.15:44:31 | 253.5878 | 1081.32  | 18-24***25♀ | 49.952 | 50.1433 |
| 526 | AMIN ESSAAD         | 29/68 | 54° | 08.15:44:08 | 253.1664 | 1081.29  | 17-34***73♂ | 49.857 | 50.2388 |
| 527 | AMIN ESSAAD         | 29/68 | 55° | 08.15:44:10 | 253.1664 | 1081.14  | 19-76***92♂ | 49.761 | 50.3343 |
| 528 | AMIN ESSAAD         | 29/68 | 56° | 08.15:44:11 | 253.1664 | 1081.062 | 19-76***73♀ | 49.666 | 50.4298 |
| 529 | FRERES HAJAR        | 17/31 | 26° | 08.15:43:58 | 252.8541 | 1080.726 | 19-33***62♀ | 49.57  | 50.5253 |
| 530 | ABDELWAHED TAHIRI   | 12/43 | 32° | 08.15:44:13 | 253.1122 | 1080.678 | 19-53***90♀ | 49.475 | 50.6208 |
| 531 | FRERE KHOULALI      | 5/15  | 14° | 08.15:44:11 | 252.9898 | 1080.306 | 19-04***93♀ | 49.379 | 50.7163 |
| 532 | ABDELWAHED TAHIRI   | 12/43 | 33° | 08.15:44:31 | 253.1122 | 1079.292 | 19-37***94♂ | 49.284 | 50.8118 |
| 533 | HICHAM LOFT KAMAL   | 17/37 | 26° | 08.15:44:19 | 252.8791 | 1079.22  | 18-36***18♂ | 49.188 | 50.9074 |
| 534 | BENBELLA            | 16/31 | 28° | 08.15:45:03 | 253.046  | 1076.562 | 18-58***70♂ | 49.093 | 51.0029 |

| Cls | Nom                    | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|------------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 535 | AMIN ESSAAD            | 29/68 | 57° | 08.15:45:41 | 253.1664 | 1074.18  | 18-46***64♂ | 48.997 | 51.0984 |
| 536 | FRERES HAJAR           | 17/31 | 27° | 08.15:45:25 | 252.8541 | 1074.072 | 17-01***68♂ | 48.902 | 51.1939 |
| 537 | HICHAM LOFT KAMAL      | 17/37 | 27° | 08.15:45:29 | 252.8791 | 1073.874 | 19-63***61♀ | 48.806 | 51.2894 |
| 538 | ABDELWAHED TAHIRI      | 12/43 | 34° | 08.15:45:44 | 253.1122 | 1073.724 | 19-82***33♂ | 48.711 | 51.3849 |
| 539 | LOFT ZOUHOR YASSINE    | 6/15  | 13° | 08.15:45:32 | 252.6365 | 1072.614 | 19-12***88♂ | 48.615 | 51.4804 |
| 540 | AMIN ESSAAD            | 29/68 | 58° | 08.15:46:08 | 253.1664 | 1072.134 | 17-08***46♂ | 48.52  | 51.5759 |
| 541 | BENBELLA               | 16/31 | 29° | 08.15:46:51 | 253.046  | 1068.378 | 19-41***73♂ | 48.424 | 51.6714 |
| 542 | AMIN ESSAAD            | 29/68 | 59° | 08.15:47:22 | 253.1664 | 1066.56  | 18-41***79♂ | 48.329 | 51.767  |
| 543 | AMIN ESSAAD            | 29/68 | 60° | 08.15:48:45 | 253.1664 | 1060.38  | 17-34***67♂ | 48.233 | 51.8625 |
| 544 | AMIN ESSAAD            | 29/68 | 61° | 08.15:48:52 | 253.1664 | 1059.864 | 19-76***01♂ | 48.138 | 51.958  |
| 545 | HICHAM LOFT KAMAL      | 17/37 | 28° | 08.15:48:43 | 252.8791 | 1059.33  | 19-38***77♀ | 48.042 | 52.0535 |
| 546 | ABDELWAHED TAHIRI      | 12/43 | 35° | 08.15:49:05 | 253.1122 | 1058.676 | 18-15***28♂ | 47.947 | 52.149  |
| 547 | LOFT HICHAM            | 16/32 | 31° | 08.15:50:07 | 252.8767 | 1053.138 | 19-17***26♀ | 47.851 | 52.2445 |
| 548 | FRERES ESSOUHI         | 19/48 | 39° | 08.15:50:51 | 253.3474 | 1051.89  | 19-00***01♂ | 47.756 | 52.34   |
| 549 | HATIME ELAAMMARI       | 0/16  | 4°  | 08.15:51:18 | 253.5878 | 1050.924 | 19-03***04♂ | 47.66  | 52.4355 |
| 550 | LOFT ZOUHOR YASSINE    | 6/15  | 14° | 08.15:50:38 | 252.6365 | 1049.88  | 19-78***95♂ | 47.565 | 52.531  |
| 551 | HICHAM LOFT KAMAL      | 17/37 | 29° | 08.15:51:24 | 252.8791 | 1047.552 | 19-32***39♂ | 47.469 | 52.6266 |
| 552 | ELOUADI LOFT           | 10/28 | 16° | 08.15:52:01 | 253.0802 | 1045.716 | 19-63***48♂ | 47.373 | 52.7221 |
| 553 | FRERES ESSOUHI         | 19/48 | 40° | 08.15:52:47 | 253.3474 | 1043.514 | 17-07***44♀ | 47.278 | 52.8176 |
| 554 | ABDELWAHED TAHIRI      | 12/43 | 36° | 08.15:52:52 | 253.1122 | 1042.188 | 19-33***63♀ | 47.182 | 52.9131 |
| 555 | FRERES ZGHOD<br>HIMMOU | 0/8   | 4°  | 08.15:52:11 | 252.2036 | 1041.372 | 17-39***85♀ | 47.087 | 53.0086 |
| 556 | LOFT HICHAM            | 16/32 | 32° | 08.15:52:57 | 252.8767 | 1040.856 | 19-17***28♂ | 46.991 | 53.1041 |
| 557 | BENBELLA               | 16/31 | 30° | 08.15:54:11 | 253.046  | 1036.296 | 19-41***99♀ | 46.896 | 53.1996 |
| 558 | AMIN ESSAAD            | 29/68 | 62° | 08.15:54:46 | 253.1664 | 1034.316 | 19-76***68♂ | 46.8   | 53.2951 |
| 559 | AMIN ESSAAD            | 29/68 | 63° | 08.15:54:54 | 253.1664 | 1033.752 | 19-76***74♀ | 46.705 | 53.3906 |
| 560 | FRERES ESSOUHI         | 19/48 | 41° | 08.15:55:34 | 253.3474 | 1031.682 | 16-65***86♀ | 46.609 | 53.4862 |
| 561 | YOUSSEF DARZAZ         | 13/27 | 26° | 08.15:55:12 | 252.8814 | 1031.328 | 19-75***04♂ | 46.514 | 53.5817 |
| 562 | HICHAM LOFT KAMAL      | 17/37 | 30° | 08.15:56:23 | 252.8791 | 1026.366 | 19-91***59♀ | 46.418 | 53.6772 |
| 563 | HICHAM LOFT KAMAL      | 17/37 | 31° | 08.15:57:19 | 252.8791 | 1022.49  | 19-10***26♀ | 46.323 | 53.7727 |
| 564 | ELOUADI LOFT           | 10/28 | 17° | 08.15:58:23 | 253.0802 | 1018.908 | 19-63***50♂ | 46.227 | 53.8682 |
| 565 | FRERES ESSOUHI         | 19/48 | 42° | 08.15:58:55 | 253.3474 | 1017.798 | 18-22***23♀ | 46.132 | 53.9637 |
| 566 | HAMID JIT              | 12/27 | 26° | 08.16:01:34 | 253.6689 | 1008.354 | 19-74***51♂ | 46.036 | 54.0592 |
| 567 | HICHAM LOFT KAMAL      | 17/37 | 32° | 08.16:00:54 | 252.8791 | 1007.886 | 18-36***26♂ | 45.941 | 54.1547 |
| 568 | FRERES ESSOUHI         | 19/48 | 43° | 08.16:02:58 | 253.3474 | 1001.508 | 19-00***84♂ | 45.845 | 54.2502 |
| 569 | HICHAM LOFT KAMAL      | 17/37 | 33° | 08.16:09:01 | 252.8791 | 976.302  | 19-63***35♂ | 45.75  | 54.3457 |
| 570 | HICHAM LOFT KAMAL      | 17/37 | 34° | 08.16:09:30 | 252.8791 | 974.484  | 19-63***54♀ | 45.654 | 54.4413 |
| 571 | AMIN ESSAAD            | 29/68 | 64° | 08.16:11:26 | 253.1664 | 968.376  | 19-76***94♂ | 45.559 | 54.5368 |
| 572 | HICHAM LOFT KAMAL      | 17/37 | 35° | 08.16:11:57 | 252.8791 | 965.37   | 19-63***69♂ | 45.463 | 54.6323 |
| 573 | FRERES ESSOUHI         | 19/48 | 44° | 08.16:13:26 | 253.3474 | 961.716  | 19-00***63♀ | 45.368 | 54.7278 |
| 574 | ABDELWAHED TAHIRI      | 12/43 | 37° | 08.16:19:14 | 253.1122 | 940.122  | 19-15***46♀ | 45.272 | 54.8233 |
| 575 | ELOUADI LOFT           | 10/28 | 18° | 08.16:25:11 | 253.0802 | 919.68   | 19-63***79♀ | 45.177 | 54.9188 |
| 576 | HICHAM LOFT KAMAL      | 17/37 | 36° | 08.16:28:03 | 252.8791 | 909.474  | 17-47***79♂ | 45.081 | 55.0143 |

| Cls | Nom                 | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|---------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 577 | FRERE KHOULALI      | 5/15  | 15° | 08.16:34:11 | 252.9898 | 890.232  | 19-58***91♀ | 44.986 | 55.1098 |
| 578 | ABDELWAHED TAHIRI   | 12/43 | 38° | 08.16:36:08 | 253.1122 | 884.598  | 19-53***18♀ | 44.89  | 55.2053 |
| 579 | ABDELWAHED TAHIRI   | 12/43 | 39° | 08.16:44:52 | 253.1122 | 858.396  | 19-15***74♀ | 44.795 | 55.3009 |
| 580 | ABDELWAHED TAHIRI   | 12/43 | 40° | 08.16:47:02 | 253.1122 | 852.132  | 19-72***42♀ | 44.699 | 55.3964 |
| 581 | LOFT ZOUHOR YASSINE | 6/15  | 15° | 08.16:54:37 | 252.6365 | 829.356  | 19-78***86♀ | 44.604 | 55.4919 |
| 582 | HAMID JIT           | 12/27 | 27° | 08.17:13:09 | 253.6689 | 784.986  | 17-01***91♂ | 44.508 | 55.5874 |
| 583 | ABDELWAHED TAHIRI   | 12/43 | 41° | 08.17:15:02 | 253.1122 | 778.728  | 19-17***35♂ | 44.413 | 55.6829 |

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تم استخراج هذه النتيجة من الموقع PIGMA