

# SIDI EL MOUKHTAR



184

559

347 Km

91 Km/h



2022-03-20 09:18:00



31.595556, -9.113611



07:29,19:39

DEMI-FOND



Lâcher sidi el moukhtar , 184 Pig Admis, 33 %

| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef   |
|-----|------------------|-------|-----|-------------|----------|----------|------------|--------|--------|
| 1   | FRERE KHOULALI   | 21/26 | 1°  | 20.12:38:04 | 346.7294 | 1733.07  | 21-93966♀  | 100    | 0.1789 |
| 2   | FRERE KHOULALI   | 21/26 | 2°  | 20.12:43:58 | 346.7294 | 1683.426 | 20-83222♀  | 97.136 | 0.3578 |
| 3   | FRERE KHOULALI   | 21/26 | 3°  | 20.12:44:04 | 346.7294 | 1682.61  | 20-21533♀  | 97.088 | 0.5367 |
| 4   | AAMIMI           | 5/40  | 1°  | 20.12:44:41 | 346.7955 | 1677.906 | 21-09745   | 96.817 | 0.7156 |
| 5   | EL OTHMANIE      | 4/18  | 1°  | 20.12:45:58 | 347.658  | 1671.702 | 20-32607♂  | 96.459 | 0.8945 |
| 6   | FRERE KHOULALI   | 21/26 | 4°  | 20.12:45:41 | 346.7294 | 1669.512 | 21-93959♂  | 96.333 | 1.0733 |
| 7   | FRERE KHOULALI   | 21/26 | 5°  | 20.12:45:51 | 346.7294 | 1668.174 | 21-32116♂  | 96.255 | 1.2522 |
| 8   | LOFT TANAN       | 32/45 | 1°  | 20.12:52:52 | 358.4243 | 1668.126 | 21-10352♂  | 96.253 | 1.4311 |
| 9   | LOFT TANAN       | 32/45 | 2°  | 20.12:53:03 | 358.4243 | 1666.704 | 21-05497♀  | 96.171 | 1.61   |
| 10  | BENBELLA         | 28/39 | 1°  | 20.12:47:30 | 347.9867 | 1661.034 | 21-93913♀  | 95.843 | 1.7889 |
| 11  | FRERE KHOULALI   | 21/26 | 6°  | 20.12:47:03 | 346.7294 | 1658.598 | 21-93980♀  | 95.703 | 1.9678 |
| 12  | AAMIMI           | 5/40  | 2°  | 20.12:47:07 | 346.7955 | 1658.382 | 21-09744   | 95.69  | 2.1467 |
| 13  | FRERES ESSOUHI   | 5/8   | 1°  | 20.12:48:11 | 347.277  | 1652.256 | 19-001679  | 95.337 | 2.3256 |
| 14  | FRERE KHOULALI   | 21/26 | 7°  | 20.12:47:52 | 346.7294 | 1652.142 | 20-21530♀  | 95.33  | 2.5045 |
| 15  | FRERE KHOULALI   | 21/26 | 8°  | 20.12:47:55 | 346.7294 | 1651.746 | 21-93996♀  | 95.308 | 2.6834 |
| 16  | FRERE KHOULALI   | 21/26 | 9°  | 20.12:48:00 | 346.7294 | 1651.092 | 21-93979♀  | 95.27  | 2.8623 |
| 17  | BENBELLA         | 28/39 | 2°  | 20.12:48:54 | 347.9867 | 1650.006 | 21-03428♂  | 95.207 | 3.0411 |
| 18  | LOFT ZAAR        | 10/19 | 1°  | 20.12:49:04 | 348.22   | 1649.808 | 21-41337♀  | 95.196 | 3.22   |
| 19  | BENBELLA         | 28/39 | 3°  | 20.12:48:56 | 347.9867 | 1649.748 | 21-93901♀  | 95.192 | 3.3989 |
| 20  | HAMID JIT        | 8/25  | 1°  | 20.12:48:44 | 347.5961 | 1649.46  | 21-02713♀  | 95.176 | 3.5778 |
| 21  | BENBELLA         | 28/39 | 4°  | 20.12:48:59 | 347.9867 | 1649.358 | 21-93929♂  | 95.17  | 3.7567 |
| 22  | BENBELLA         | 28/39 | 5°  | 20.12:49:01 | 347.9867 | 1649.094 | 19-41197♀  | 95.155 | 3.9356 |
| 23  | BENBELLA         | 28/39 | 6°  | 20.12:49:02 | 347.9867 | 1648.968 | 21-93902♀  | 95.147 | 4.1145 |
| 24  | YASSIN NAWFAL    | 4/12  | 1°  | 20.12:48:24 | 346.7873 | 1648.23  | 20-000479♀ | 95.105 | 4.2934 |
| 25  | HABOUB ABD LKBIR | 9/15  | 1°  | 20.12:49:16 | 347.1669 | 1643.262 | 21-002847♀ | 94.818 | 4.4723 |
| 26  | LOFT HICHAM      | 9/30  | 1°  | 20.12:49:27 | 346.8156 | 1640.178 | 21-02028♂  | 94.64  | 4.6512 |
| 27  | FRERE KHOULALI   | 21/26 | 10° | 20.12:49:27 | 346.7294 | 1639.77  | 21-93956♀  | 94.617 | 4.8301 |
| 28  | ZI3IRATA         | 5/14  | 1°  | 20.12:50:04 | 347.5781 | 1639.002 | 21-50019   | 94.572 | 5.0089 |
| 29  | LOFT TANAN       | 32/45 | 3°  | 20.12:56:44 | 358.4243 | 1638.636 | 21-02853♀  | 94.551 | 5.1878 |
| 30  | BENBELLA         | 28/39 | 7°  | 20.12:50:25 | 347.9867 | 1638.228 | 18-086417♀ | 94.528 | 5.3667 |
| 31  | FRERE KHOULALI   | 21/26 | 11° | 20.12:49:42 | 346.7294 | 1637.832 | 20-45966♂  | 94.505 | 5.5456 |
| 32  | LOFT TANAN       | 32/45 | 4°  | 20.12:57:20 | 358.4243 | 1634.154 | 21-02829♀  | 94.292 | 5.7245 |

| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef    |
|-----|------------------|-------|-----|-------------|----------|----------|------------|--------|---------|
| 33  | BENBELLA         | 28/39 | 8°  | 20.12:50:59 | 347.9867 | 1633.866 | 21-03427♂  | 94.276 | 5.9034  |
| 34  | BENBELLA         | 28/39 | 9°  | 20.12:51:04 | 347.9867 | 1633.23  | 20-1209♂   | 94.239 | 6.0823  |
| 35  | LOFT ZAAR        | 10/19 | 2°  | 20.12:51:19 | 348.22   | 1632.408 | 21-41340♀  | 94.192 | 6.2612  |
| 36  | BOUHITAN LOFT    | 19/34 | 1°  | 20.12:50:50 | 347.2525 | 1631.568 | 21-03724♀  | 94.143 | 6.4401  |
| 37  | FRERE KHOULALI   | 21/26 | 12° | 20.12:50:35 | 346.7294 | 1631.028 | 21-82152♂  | 94.112 | 6.619   |
| 38  | LOFT ZAAR        | 10/19 | 3°  | 20.12:51:34 | 348.22   | 1630.5   | 21-03894♀  | 94.082 | 6.7979  |
| 39  | BOUHITAN LOFT    | 19/34 | 2°  | 20.12:51:01 | 347.2525 | 1630.164 | 21-37272♀  | 94.062 | 6.9767  |
| 40  | LOFT TANAN       | 32/45 | 5°  | 20.12:58:01 | 358.4243 | 1629.078 | 21-06029♂  | 94     | 7.1556  |
| 41  | BOUHITAN LOFT    | 19/34 | 3°  | 20.12:51:18 | 347.2525 | 1627.998 | 21-03730♀  | 93.937 | 7.3345  |
| 42  | LOFT TANAN       | 32/45 | 6°  | 20.12:58:14 | 358.4243 | 1627.476 | 21-02852♀  | 93.907 | 7.5134  |
| 43  | LOFT TANAN       | 32/45 | 7°  | 20.12:58:18 | 358.4243 | 1626.984 | 21-02847♀  | 93.879 | 7.6923  |
| 44  | LOFT HICHAM      | 9/30  | 2°  | 20.12:51:32 | 346.8156 | 1624.176 | 21-41915♀  | 93.717 | 7.8712  |
| 45  | HAMID JIT        | 8/25  | 2°  | 20.12:52:01 | 347.5961 | 1624.152 | 21-50304♀  | 93.715 | 8.0501  |
| 46  | HABOUB ABD LKBIR | 9/15  | 2°  | 20.12:51:52 | 347.1669 | 1623.288 | 21-19264♀  | 93.666 | 8.229   |
| 47  | HABOUB ABD LKBIR | 9/15  | 3°  | 20.12:52:04 | 347.1669 | 1621.77  | 21-19262♀  | 93.578 | 8.4079  |
| 48  | LOFT ZAAR        | 10/19 | 4°  | 20.12:52:45 | 348.22   | 1621.512 | 21-41343♀  | 93.563 | 8.5868  |
| 49  | LOFT TANAN       | 32/45 | 8°  | 20.12:59:07 | 358.4243 | 1620.972 | 21-02858♀  | 93.532 | 8.7657  |
| 50  | BENBELLA         | 28/39 | 10° | 20.12:52:48 | 347.9867 | 1620.048 | 21-93932♂  | 93.479 | 8.9445  |
| 51  | LOFT TANAN       | 32/45 | 9°  | 20.12:59:15 | 358.4243 | 1619.994 | 21-05498♂  | 93.475 | 9.1234  |
| 52  | LOFT TANAN       | 32/45 | 10° | 20.12:59:20 | 358.4243 | 1619.388 | 21-02854♂  | 93.44  | 9.3023  |
| 53  | LOFT TANAN       | 32/45 | 11° | 20.12:59:25 | 358.4243 | 1618.776 | 21-10344♂  | 93.405 | 9.4812  |
| 54  | LOFT TANAN       | 32/45 | 12° | 20.12:59:27 | 358.4243 | 1618.536 | 21-02823♀  | 93.391 | 9.6601  |
| 55  | LOFT TANAN       | 32/45 | 13° | 20.12:59:31 | 358.4243 | 1618.044 | 21-02859♂  | 93.363 | 9.839   |
| 56  | AAMIMI           | 5/40  | 3°  | 20.12:52:29 | 346.7955 | 1616.886 | 19-04273   | 93.296 | 10.0179 |
| 57  | BOUHITAN LOFT    | 19/34 | 4°  | 20.12:52:56 | 347.2525 | 1615.632 | 20-24754♀  | 93.224 | 10.1968 |
| 58  | LOFT TANAN       | 32/45 | 14° | 20.12:59:58 | 358.4243 | 1614.768 | 21-02837♀  | 93.174 | 10.3757 |
| 59  | BENBELLA         | 28/39 | 11° | 20.12:53:31 | 347.9867 | 1614.66  | 19-41198♀  | 93.168 | 10.5546 |
| 60  | BENBELLA         | 28/39 | 12° | 20.12:53:32 | 347.9867 | 1614.54  | 21-37227♀  | 93.161 | 10.7335 |
| 61  | LOFT HICHAM      | 9/30  | 3°  | 20.12:52:49 | 346.8156 | 1614.474 | 20-58865♀  | 93.157 | 10.9123 |
| 62  | BENBELLA         | 28/39 | 13° | 20.12:53:37 | 347.9867 | 1613.916 | 20-1223♀   | 93.125 | 11.0912 |
| 62  | BENBELLA         | 28/39 | 14° | 20.12:53:37 | 347.9867 | 1613.916 | 21-93912♀  | 93.125 | 11.0912 |
| 64  | LOFT TANAN       | 32/45 | 15° | 20.13:00:06 | 358.4243 | 1613.796 | 21-02832♂  | 93.118 | 11.449  |
| 65  | HAMID JIT        | 8/25  | 3°  | 20.12:53:25 | 347.5961 | 1613.598 | 21-50789♂  | 93.106 | 11.6279 |
| 66  | BENBELLA         | 28/39 | 15° | 20.12:53:40 | 347.9867 | 1613.538 | 21-93916♀  | 93.103 | 11.8068 |
| 67  | LOFT TANAN       | 32/45 | 16° | 20.13:00:11 | 358.4243 | 1613.19  | 21-02816♂  | 93.083 | 11.9857 |
| 68  | BENBELLA         | 28/39 | 16° | 20.12:53:46 | 347.9867 | 1612.794 | 19-41160♀  | 93.06  | 12.1646 |
| 69  | BENBELLA         | 28/39 | 17° | 20.12:53:51 | 347.9867 | 1612.17  | 20-1204♂   | 93.024 | 12.3435 |
| 70  | FRERE KHOULALI   | 21/26 | 13° | 20.12:53:12 | 346.7294 | 1611.198 | 21-93967♂  | 92.968 | 12.5224 |
| 71  | BOUHITAN LOFT    | 19/34 | 5°  | 20.12:53:32 | 347.2525 | 1611.132 | 21-03749♀  | 92.964 | 12.7013 |
| 72  | HABOUB ABD LKBIR | 9/15  | 4°  | 20.12:53:33 | 347.1669 | 1610.61  | 21-002839♂ | 92.934 | 12.8801 |
| 73  | BENBELLA         | 28/39 | 18° | 20.12:54:07 | 347.9867 | 1610.178 | 19-41195♀  | 92.909 | 13.059  |
| 74  | LOFT TANAN       | 32/45 | 17° | 20.13:00:38 | 358.4243 | 1609.932 | 21-02849♂  | 92.895 | 13.2379 |

| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 75  | BOUHITAN LOFT    | 19/34 | 6°  | 20.12:53:42 | 347.2525 | 1609.884 | 20-8805♂    | 92.892 | 13.4168 |
| 76  | BOUHITAN LOFT    | 19/34 | 7°  | 20.12:53:47 | 347.2525 | 1609.266 | 20-23435♀   | 92.856 | 13.5957 |
| 77  | LOFT TANAN       | 32/45 | 18° | 20.13:00:46 | 358.4243 | 1608.966 | 21-10353♀   | 92.839 | 13.7746 |
| 78  | LOFT ZAAR        | 10/19 | 5°  | 20.12:54:29 | 348.22   | 1608.528 | 21-41342♂   | 92.814 | 13.9535 |
| 79  | AAMIMI           | 5/40  | 4°  | 20.12:53:39 | 346.7955 | 1608.138 | 21-004353   | 92.791 | 14.1324 |
| 80  | FRERES ESSOUHI   | 5/8   | 2°  | 20.12:54:01 | 347.277  | 1607.64  | 19-001659   | 92.763 | 14.3113 |
| 81  | BENBELLA         | 28/39 | 19° | 20.12:54:35 | 347.9867 | 1606.71  | 21-93924♂   | 92.709 | 14.4902 |
| 82  | LOFT HICHAM      | 9/30  | 4°  | 20.12:53:55 | 346.8156 | 1606.248 | 20-097190♀  | 92.682 | 14.6691 |
| 83  | BENBELLA         | 28/39 | 20° | 20.12:54:42 | 347.9867 | 1605.846 | 21-93920♀   | 92.659 | 14.8479 |
| 84  | BENBELLA         | 28/39 | 21° | 20.12:54:47 | 347.9867 | 1605.228 | 16-094591♀  | 92.623 | 15.0268 |
| 85  | BENBELLA         | 28/39 | 22° | 20.12:54:52 | 347.9867 | 1604.61  | 21-93921♂   | 92.588 | 15.2057 |
| 86  | BOUAZZA LOFT     | 6/20  | 1°  | 20.12:55:14 | 348.3577 | 1603.608 | 21-05295♀   | 92.53  | 15.3846 |
| 87  | LOFT HICHAM      | 9/30  | 5°  | 20.12:54:22 | 346.8156 | 1602.906 | 19-27707♀   | 92.489 | 15.5635 |
| 88  | FRERE KHOULALI   | 21/26 | 14° | 20.12:54:20 | 346.7294 | 1602.756 | 21-93999♀   | 92.481 | 15.7424 |
| 89  | FRERE KHOULALI   | 21/26 | 15° | 20.12:54:23 | 346.7294 | 1602.384 | 21-45976♀   | 92.459 | 15.9213 |
| 90  | HAMID JIT        | 8/25  | 4°  | 20.12:54:56 | 347.5961 | 1602.318 | 21-05056♀   | 92.456 | 16.1002 |
| 91  | HAMID JIT        | 8/25  | 5°  | 20.12:54:59 | 347.5961 | 1601.946 | 21-05060♂   | 92.434 | 16.2791 |
| 92  | FRERE KHOULALI   | 21/26 | 16° | 20.12:54:30 | 346.7294 | 1601.52  | 20-21532♀   | 92.409 | 16.458  |
| 93  | FRERE KHOULALI   | 21/26 | 17° | 20.12:54:36 | 346.7294 | 1600.782 | 21-02864♂   | 92.367 | 16.6369 |
| 94  | LOFT TANAN       | 32/45 | 19° | 20.13:01:58 | 358.4243 | 1600.344 | 21-02801♂   | 92.342 | 16.8157 |
| 95  | HAMOUDA AZNAG    | 5/19  | 1°  | 20.12:55:00 | 347.2638 | 1600.296 | 20-45139♂   | 92.339 | 16.9946 |
| 96  | BOUAZZA LOFT     | 6/20  | 2°  | 20.12:55:43 | 348.3577 | 1600.05  | 20-05292♀   | 92.325 | 17.1735 |
| 97  | BOUAZZA LOFT     | 6/20  | 3°  | 20.12:55:46 | 348.3577 | 1599.684 | 20-040♀     | 92.304 | 17.3524 |
| 98  | LOFT TANAN       | 32/45 | 20° | 20.13:02:05 | 358.4243 | 1599.516 | 21-06023♀   | 92.294 | 17.5313 |
| 99  | BOUHITAN LOFT    | 19/34 | 8°  | 20.12:55:12 | 347.2525 | 1598.766 | 21-03737♀   | 92.251 | 17.7102 |
| 100 | AAMIMI           | 5/40  | 5°  | 20.12:54:57 | 346.7955 | 1598.502 | 21-58807    | 92.235 | 17.8891 |
| 101 | LOFT TANAN       | 32/45 | 21° | 20.13:02:15 | 358.4243 | 1598.322 | 21-02848♀   | 92.225 | 18.068  |
| 102 | BOUHITAN LOFT    | 19/34 | 9°  | 20.12:55:20 | 347.2525 | 1597.788 | 21-03751♀   | 92.194 | 18.2469 |
| 103 | LOFT TANAN       | 32/45 | 22° | 20.13:02:20 | 358.4243 | 1597.728 | 21-02838♂   | 92.191 | 18.4258 |
| 104 | LOFT TANAN       | 32/45 | 23° | 20.13:02:24 | 358.4243 | 1597.254 | 20-58816♂   | 92.163 | 18.6047 |
| 105 | FRERE KHOULALI   | 21/26 | 18° | 20.12:55:08 | 346.7294 | 1596.852 | 21-32114♂   | 92.14  | 18.7835 |
| 106 | LOFT TANAN       | 32/45 | 24° | 20.13:02:31 | 358.4243 | 1596.426 | 21-02815♀   | 92.116 | 18.9624 |
| 107 | BOUHITAN LOFT    | 19/34 | 10° | 20.12:55:33 | 347.2525 | 1596.198 | 20-23109♂   | 92.102 | 19.1413 |
| 108 | LOFT TANAN       | 32/45 | 25° | 20.13:02:43 | 358.4243 | 1595.004 | 20-1203824♂ | 92.033 | 19.3202 |
| 109 | HABOUB ABD LKBIR | 9/15  | 5°  | 20.12:55:45 | 347.1669 | 1594.338 | 21-19267♀   | 91.995 | 19.4991 |
| 110 | BOUAZZA LOFT     | 6/20  | 4°  | 20.12:56:31 | 348.3577 | 1594.194 | 21-41386♂   | 91.987 | 19.678  |
| 111 | ZI3IRATA         | 5/14  | 2°  | 20.12:56:02 | 347.5781 | 1594.152 | 14-01880    | 91.984 | 19.8569 |
| 112 | BOUHITAN LOFT    | 19/34 | 11° | 20.12:56:08 | 347.2525 | 1591.926 | 21-16286♀   | 91.856 | 20.0358 |
| 113 | ZI3IRATA         | 5/14  | 3°  | 20.12:56:22 | 347.5781 | 1591.716 | 19-65377    | 91.844 | 20.2147 |
| 114 | ELMOMNI AZIZE    | 6/27  | 1°  | 20.13:00:47 | 354.4799 | 1591.14  | 21-41028♂   | 91.811 | 20.3936 |
| 115 | LOFT TANAN       | 32/45 | 26° | 20.13:03:20 | 358.4243 | 1590.642 | 21-10345♀   | 91.782 | 20.5725 |
| 116 | BENBELLA         | 28/39 | 23° | 20.12:56:50 | 347.9867 | 1590.192 | 21-05430♀   | 91.756 | 20.7513 |

| Cls | Nom                  | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef    |
|-----|----------------------|-------|-----|-------------|----------|----------|------------|--------|---------|
| 117 | HAMOUDA AZNAG        | 5/19  | 2°  | 20.12:56:23 | 347.2638 | 1590.156 | 20-33573♀  | 91.754 | 20.9302 |
| 118 | LOFT ZAAR            | 10/19 | 6°  | 20.12:57:02 | 348.22   | 1589.802 | 21-058694♂ | 91.733 | 21.1091 |
| 119 | LOFT HAMZA ELIDRISSI | 1/17  | 1°  | 20.12:57:40 | 349.2044 | 1589.7   | 20-23019   | 91.727 | 21.288  |
| 120 | ELMOMNI AZIZE        | 6/27  | 2°  | 20.13:01:02 | 354.4799 | 1589.358 | 21-41023♂  | 91.708 | 21.4669 |
| 121 | BOUAZZA LOFT         | 6/20  | 5°  | 20.12:57:13 | 348.3577 | 1589.1   | 21-16765♂  | 91.693 | 21.6458 |
| 122 | HABOUB ABD LKBIR     | 9/15  | 6°  | 20.12:56:39 | 347.1669 | 1587.774 | 20-93921♀  | 91.616 | 21.8247 |
| 123 | LOFT ZAAR            | 10/19 | 7°  | 20.12:57:21 | 348.22   | 1587.51  | 21-44706♂  | 91.601 | 22.0036 |
| 124 | YASSINE LOFT         | 4/17  | 1°  | 20.12:56:50 | 347.3904 | 1587.468 | 21-1893    | 91.599 | 22.1825 |
| 125 | LOFT ZAAR            | 10/19 | 8°  | 20.12:57:24 | 348.22   | 1587.144 | 21-62317♀  | 91.58  | 22.3614 |
| 126 | BENBELLA             | 28/39 | 24° | 20.12:57:16 | 347.9867 | 1587.048 | 21-93915♂  | 91.574 | 22.5403 |
| 127 | FRERE KHOULALI       | 21/26 | 19° | 20.12:56:35 | 346.7294 | 1586.256 | 21-02866♂  | 91.529 | 22.7191 |
| 128 | BOUAZZA LOFT         | 6/20  | 6°  | 20.12:57:41 | 348.3577 | 1585.728 | 21-41390♂  | 91.498 | 22.898  |
| 129 | YASSIN NAWFAL        | 4/12  | 2°  | 20.12:56:45 | 346.7873 | 1585.314 | 19-091033  | 91.474 | 23.0769 |
| 130 | LOFT TANAN           | 32/45 | 27° | 20.13:04:14 | 358.4243 | 1584.312 | 21-02809♀  | 91.417 | 23.2558 |
| 131 | LOFT TANAN           | 32/45 | 28° | 20.13:04:21 | 358.4243 | 1583.496 | 21-02842♀  | 91.369 | 23.4347 |
| 132 | BOUHITAN LOFT        | 19/34 | 12° | 20.12:57:19 | 347.2525 | 1583.34  | 20-39179♂  | 91.36  | 23.6136 |
| 133 | LOFT ZAAR            | 10/19 | 9°  | 20.12:57:57 | 348.22   | 1583.178 | 21-62321♂  | 91.351 | 23.7925 |
| 134 | HAMID JIT            | 8/25  | 6°  | 20.12:57:38 | 347.5961 | 1582.62  | 19-97005♀  | 91.319 | 23.9714 |
| 135 | BOUHITAN LOFT        | 19/34 | 13° | 20.12:57:25 | 347.2525 | 1582.614 | 21-03734♀  | 91.319 | 24.1503 |
| 136 | EL OTHMANIE          | 4/18  | 2°  | 20.12:57:42 | 347.658  | 1582.422 | 21-1912♂   | 91.307 | 24.3292 |
| 137 | HAMID JIT            | 8/25  | 7°  | 20.12:57:48 | 347.5961 | 1581.42  | 21-58715♀  | 91.25  | 24.5081 |
| 138 | LOFT ZAAR            | 10/19 | 10° | 20.12:58:13 | 348.22   | 1581.258 | 21-41336♀  | 91.24  | 24.6869 |
| 139 | LOFT TANAN           | 32/45 | 29° | 20.13:04:45 | 358.4243 | 1580.7   | 21-02802♂  | 91.208 | 24.8658 |
| 140 | BOUHITAN LOFT        | 19/34 | 14° | 20.12:57:52 | 347.2525 | 1579.38  | 20-39189♀  | 91.132 | 25.0447 |
| 141 | HAMOUDA AZNAG        | 5/19  | 3°  | 20.12:57:53 | 347.2638 | 1579.308 | 21-05611♀  | 91.128 | 25.2236 |
| 142 | YASSINE LOFT         | 4/17  | 2°  | 20.12:58:01 | 347.3904 | 1578.93  | 21-1885    | 91.106 | 25.4025 |
| 143 | HABOUB ABD LKBIR     | 9/15  | 7°  | 20.12:57:53 | 347.1669 | 1578.87  | 21-002844♀ | 91.103 | 25.5814 |
| 144 | HABOUB ABD LKBIR     | 9/15  | 8°  | 20.12:57:57 | 347.1669 | 1578.39  | 21-002840♀ | 91.075 | 25.7603 |
| 145 | HAMOUDA AZNAG        | 5/19  | 4°  | 20.12:58:02 | 347.2638 | 1578.234 | 21-05487♀  | 91.066 | 25.9392 |
| 146 | HAMOUDA AZNAG        | 5/19  | 5°  | 20.12:58:06 | 347.2638 | 1577.754 | 21-09707♂  | 91.038 | 26.1181 |
| 147 | LOFT HICHAM          | 9/30  | 6°  | 20.12:57:50 | 346.8156 | 1577.628 | 21-004533♀ | 91.031 | 26.297  |
| 148 | FRERES ESSOUHI       | 5/8   | 3°  | 20.12:58:08 | 347.277  | 1577.574 | 19-001695  | 91.028 | 26.4758 |
| 149 | FRERE KHOULALI       | 21/26 | 20° | 20.12:57:49 | 346.7294 | 1577.358 | 20-37008♂  | 91.015 | 26.6547 |
| 150 | FRERES ESSOUHI       | 5/8   | 4°  | 20.12:58:17 | 347.277  | 1576.5   | 12-568209  | 90.966 | 26.8336 |
| 151 | LAAWISSAT            | 2/14  | 1°  | 20.12:58:08 | 346.7459 | 1575.162 | 20-24583   | 90.889 | 27.0125 |
| 152 | FRERES ESSOUHI       | 5/8   | 5°  | 20.12:58:30 | 347.277  | 1574.952 | 19-55915   | 90.876 | 27.1914 |
| 153 | LOFT HICHAM          | 9/30  | 7°  | 20.12:58:16 | 346.8156 | 1574.526 | 20-29714♂  | 90.852 | 27.3703 |
| 154 | LOFT TANAN           | 32/45 | 30° | 20.13:05:43 | 358.4243 | 1573.992 | 21-02857♂  | 90.821 | 27.5492 |
| 155 | LOFT HICHAM          | 9/30  | 8°  | 20.12:58:30 | 346.8156 | 1572.858 | 19-27718♂  | 90.756 | 27.7281 |
| 156 | YASSINE LOFT         | 4/17  | 3°  | 20.12:58:58 | 347.3904 | 1572.138 | 21-07171   | 90.714 | 27.907  |
| 157 | BOUHITAN LOFT        | 19/34 | 15° | 20.12:58:55 | 347.2525 | 1571.874 | 21-03716♀  | 90.699 | 28.0859 |
| 158 | BENBELLA             | 28/39 | 25° | 20.12:59:30 | 347.9867 | 1571.046 | 21-93930♀  | 90.651 | 28.2648 |



| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef    |
|-----|------------------|-------|-----|-------------|----------|----------|------------|--------|---------|
| 159 | HABOUB ABD LKBIR | 9/15  | 9°  | 20.12:59:04 | 347.1669 | 1570.416 | 21-19263♂  | 90.615 | 28.4436 |
| 160 | HAMID JIT        | 8/25  | 8°  | 20.12:59:24 | 347.5961 | 1569.99  | 19-60966♀  | 90.59  | 28.6225 |
| 161 | EL BAHRI LOFT    | 1/19  | 1°  | 20.12:59:18 | 347.4325 | 1569.96  | 20-8466    | 90.588 | 28.8014 |
| 162 | ZI3IRATA         | 5/14  | 4°  | 20.12:59:29 | 347.5781 | 1569.318 | 21-02086   | 90.551 | 28.9803 |
| 163 | BOUHITAN LOFT    | 19/34 | 16° | 20.12:59:26 | 347.2525 | 1568.202 | 21-03747♀  | 90.487 | 29.1592 |
| 164 | FRERE KHOULALI   | 21/26 | 21° | 20.12:59:13 | 346.7294 | 1567.374 | 20-44508♀  | 90.439 | 29.3381 |
| 165 | LOFT TANAN       | 32/45 | 31° | 20.13:06:45 | 358.4243 | 1566.882 | 21-43000♂  | 90.411 | 29.517  |
| 166 | BENBELLA         | 28/39 | 26° | 20.13:00:10 | 347.9867 | 1566.33  | 20-1243♀   | 90.379 | 29.6959 |
| 167 | BOUHITAN LOFT    | 19/34 | 17° | 20.12:59:45 | 347.2525 | 1565.964 | 20-23436♂  | 90.358 | 29.8748 |
| 168 | BENBELLA         | 28/39 | 27° | 20.13:00:14 | 347.9867 | 1565.862 | 21-93936♀  | 90.352 | 30.0537 |
| 169 | LAAWISSAT        | 2/14  | 2°  | 20.12:59:30 | 346.7459 | 1565.442 | 21-11056   | 90.328 | 30.2326 |
| 170 | ZI3IRATA         | 5/14  | 5°  | 20.13:00:04 | 347.5781 | 1565.196 | 19-72486   | 90.314 | 30.4114 |
| 171 | LOFT TANAN       | 32/45 | 32° | 20.13:07:19 | 358.4243 | 1563.012 | 21-02264♀  | 90.188 | 30.5903 |
| 172 | BOUHITAN LOFT    | 19/34 | 18° | 20.13:00:12 | 347.2525 | 1562.79  | 21-79358♀  | 90.175 | 30.7692 |
| 173 | BENBELLA         | 28/39 | 28° | 20.13:00:43 | 347.9867 | 1562.466 | 21-93927♀  | 90.156 | 30.9481 |
| 174 | EL OTHMANIE      | 4/18  | 3°  | 20.13:00:35 | 347.658  | 1561.926 | 20-1155♂   | 90.125 | 31.127  |
| 175 | LOFT HICHAM      | 9/30  | 9°  | 20.13:00:25 | 346.8156 | 1559.304 | 21-02837♀  | 89.974 | 31.3059 |
| 176 | EL OTHMANIE      | 4/18  | 4°  | 20.13:01:06 | 347.658  | 1558.308 | 19-84212♂  | 89.916 | 31.4848 |
| 177 | YASSIN NAWFAL    | 4/12  | 3°  | 20.13:00:41 | 346.7873 | 1557.312 | 20-000476♂ | 89.859 | 31.6637 |
| 178 | BOUHITAN LOFT    | 19/34 | 19° | 20.13:00:59 | 347.2525 | 1557.3   | 20-77670♀  | 89.858 | 31.8426 |
| 179 | YASSINE LOFT     | 4/17  | 4°  | 20.13:01:24 | 347.3904 | 1555.014 | 21-2194    | 89.726 | 32.0215 |
| 180 | ELMOMNI AZIZE    | 6/27  | 3°  | 20.13:06:02 | 354.4799 | 1554.51  | 21-41063♂  | 89.697 | 32.2004 |
| 181 | ELMOMNI AZIZE    | 6/27  | 4°  | 20.13:06:04 | 354.4799 | 1554.282 | 21-38524♂  | 89.684 | 32.3792 |
| 182 | ELMOMNI AZIZE    | 6/27  | 5°  | 20.13:06:07 | 354.4799 | 1553.94  | 21-38522♂  | 89.664 | 32.5581 |
| 183 | ELMOMNI AZIZE    | 6/27  | 6°  | 20.13:06:12 | 354.4799 | 1553.376 | 21-06445♂  | 89.632 | 32.737  |
| 184 | YASSIN NAWFAL    | 4/12  | 4°  | 20.13:01:18 | 346.7873 | 1553.01  | 19-49795♂  | 89.61  | 32.9159 |
| 185 | HABOUB ABD LKBIR | 9/15  | 10° | 20.13:01:33 | 347.1669 | 1552.974 | 21-19261♂  | 89.608 | 33.0948 |
| 186 | FRERE KHOULALI   | 21/26 | 22° | 20.13:01:21 | 346.7294 | 1552.404 | 21-93965♂  | 89.575 | 33.2737 |
| 187 | LOFT ZAAR        | 10/19 | 11° | 20.13:02:26 | 348.22   | 1551.552 | 20-1119♀   | 89.526 | 33.4526 |
| 188 | ELMOMNI AZIZE    | 6/27  | 7°  | 20.13:06:31 | 354.4799 | 1551.222 | 21-41029♀  | 89.507 | 33.6315 |
| 189 | BENBELLA         | 28/39 | 29° | 20.13:02:39 | 347.9867 | 1549.02  | 21-05491♂  | 89.38  | 33.8104 |
| 190 | HAMID JIT        | 8/25  | 9°  | 20.13:02:38 | 347.5961 | 1547.394 | 20-33406♂  | 89.286 | 33.9893 |
| 191 | BENBELLA         | 28/39 | 30° | 20.13:02:54 | 347.9867 | 1547.298 | 21-93937♀  | 89.281 | 34.1682 |
| 192 | LOFT TANAN       | 32/45 | 33° | 20.13:09:54 | 358.4243 | 1545.6   | 21-02822♀  | 89.183 | 34.347  |
| 193 | EL BAHRI LOFT    | 1/19  | 2°  | 20.13:02:49 | 347.4325 | 1545.402 | 20-05674   | 89.171 | 34.5259 |
| 194 | LOFT TANAN       | 32/45 | 34° | 20.13:10:04 | 358.4243 | 1544.49  | 20-0669♀   | 89.119 | 34.7048 |
| 195 | HAMID JIT        | 8/25  | 10° | 20.13:03:05 | 347.5961 | 1544.298 | 20-11176♀  | 89.108 | 34.8837 |
| 196 | EL OTHMANIE      | 4/18  | 5°  | 20.13:03:11 | 347.658  | 1543.89  | 19-28924♂  | 89.084 | 35.0626 |
| 197 | EL BAHRI LOFT    | 1/19  | 3°  | 20.13:03:03 | 347.4325 | 1543.8   | 21-08336   | 89.079 | 35.2415 |
| 198 | EL OTHMANIE      | 4/18  | 6°  | 20.13:03:33 | 347.658  | 1541.382 | 20-011795♂ | 88.939 | 35.4204 |
| 199 | BENNANI LOFT     | 0/8   | 1°  | 20.13:02:34 | 346.0851 | 1541.124 | 21-04527   | 88.925 | 35.5993 |
| 200 | EL OTHMANIE      | 4/18  | 7°  | 20.13:03:36 | 347.658  | 1541.04  | 20-011797♂ | 88.92  | 35.7782 |

| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef    |
|-----|------------------|-------|-----|-------------|----------|----------|------------|--------|---------|
| 201 | HAMOUDA AZNAG    | 5/19  | 6°  | 20.13:03:28 | 347.2638 | 1540.2   | 21-05419♀  | 88.871 | 35.9571 |
| 202 | LOFT TANAN       | 32/45 | 35° | 20.13:10:44 | 358.4243 | 1540.062 | 21-02841♀  | 88.863 | 36.136  |
| 203 | BOUHITAN LOFT    | 19/34 | 20° | 20.13:03:32 | 347.2525 | 1539.696 | 21-03735♂  | 88.842 | 36.3148 |
| 204 | ELMOMNI AZIZE    | 6/27  | 8°  | 20.13:08:16 | 354.4799 | 1539.432 | 21-41034♂  | 88.827 | 36.4937 |
| 205 | HAMID JIT        | 8/25  | 11° | 20.13:03:48 | 347.5961 | 1539.396 | 19-143967♀ | 88.825 | 36.6726 |
| 206 | ELMOMNI AZIZE    | 6/27  | 9°  | 20.13:08:17 | 354.4799 | 1539.318 | 21-41037♂  | 88.82  | 36.8515 |
| 207 | HAMID JIT        | 8/25  | 12° | 20.13:03:53 | 347.5961 | 1538.832 | 21-37018♂  | 88.792 | 37.0304 |
| 208 | EL OTHMANIE      | 4/18  | 8°  | 20.13:03:56 | 347.658  | 1538.766 | 18-57175♂  | 88.789 | 37.2093 |
| 209 | LOFT HICHAM      | 9/30  | 10° | 20.13:03:25 | 346.8156 | 1538.556 | 19-63561♀  | 88.776 | 37.3882 |
| 210 | BOUHITAN LOFT    | 19/34 | 21° | 20.13:03:50 | 347.2525 | 1537.65  | 20-79800♀  | 88.724 | 37.5671 |
| 211 | YASSINE LOFT     | 4/17  | 5°  | 20.13:04:03 | 347.3904 | 1536.786 | 20-7163    | 88.674 | 37.746  |
| 212 | YASSIN NAWFAL    | 4/12  | 5°  | 20.13:03:58 | 346.7873 | 1534.686 | 21-011069♀ | 88.553 | 37.9249 |
| 213 | ELMOMNI AZIZE    | 6/27  | 10° | 20.13:09:17 | 354.4799 | 1532.664 | 21-41035♂  | 88.436 | 38.1038 |
| 214 | ELMOMNI AZIZE    | 6/27  | 11° | 20.13:09:19 | 354.4799 | 1532.442 | 21-41066♂  | 88.424 | 38.2826 |
| 215 | ELMOMNI AZIZE    | 6/27  | 12° | 20.13:09:22 | 354.4799 | 1532.112 | 21-06450♂  | 88.405 | 38.4615 |
| 216 | ELMOMNI AZIZE    | 6/27  | 13° | 20.13:09:32 | 354.4799 | 1531.008 | 21-41040♂  | 88.341 | 38.6404 |
| 217 | BOUHITAN LOFT    | 19/34 | 22° | 20.13:05:15 | 347.2525 | 1528.062 | 21-67138♀  | 88.171 | 38.8193 |
| 218 | BOUHITAN LOFT    | 19/34 | 23° | 20.13:05:22 | 347.2525 | 1527.282 | 20-24757♀  | 88.126 | 38.9982 |
| 219 | BENBELLA         | 28/39 | 31° | 20.13:06:00 | 347.9867 | 1526.256 | 20-1202♀   | 88.067 | 39.1771 |
| 220 | BENBELLA         | 28/39 | 32° | 20.13:06:10 | 347.9867 | 1525.14  | 21-93910♀  | 88.002 | 39.356  |
| 221 | BOUHITAN LOFT    | 19/34 | 24° | 20.13:05:49 | 347.2525 | 1524.264 | 21-49492♀  | 87.952 | 39.5349 |
| 222 | HAMOUDA AZNAG    | 5/19  | 7°  | 20.13:06:03 | 347.2638 | 1522.752 | 21-05440♀  | 87.864 | 39.7138 |
| 223 | LAAWISSAT        | 2/14  | 3°  | 20.13:05:44 | 346.7459 | 1522.596 | 20-004547  | 87.855 | 39.8927 |
| 224 | BOUHITAN LOFT    | 19/34 | 25° | 20.13:06:04 | 347.2525 | 1522.59  | 18-41809♂  | 87.855 | 40.0716 |
| 225 | HAMID JIT        | 8/25  | 13° | 20.13:06:23 | 347.5961 | 1521.984 | 19-81911♀  | 87.82  | 40.2504 |
| 226 | HAMID JIT        | 8/25  | 14° | 20.13:06:28 | 347.5961 | 1521.432 | 21-05059♀  | 87.788 | 40.4293 |
| 227 | LOFT HICHAM      | 9/30  | 11° | 20.13:06:20 | 346.8156 | 1518.9   | 21-004505♂ | 87.642 | 40.6082 |
| 228 | EL OTHMANIE      | 4/18  | 9°  | 20.13:06:54 | 347.658  | 1518.822 | 21-1920♂   | 87.638 | 40.7871 |
| 229 | EL OTHMANIE      | 4/18  | 10° | 20.13:06:57 | 347.658  | 1518.486 | 21-72412♂  | 87.618 | 40.966  |
| 230 | LOFT HICHAM      | 9/30  | 12° | 20.13:06:24 | 346.8156 | 1518.456 | 21-02839♀  | 87.617 | 41.1449 |
| 231 | LOFT HICHAM      | 9/30  | 13° | 20.13:06:29 | 346.8156 | 1517.904 | 21-004513♀ | 87.585 | 41.3238 |
| 232 | LOFT HICHAM      | 9/30  | 14° | 20.13:06:32 | 346.8156 | 1517.574 | 21-004509♀ | 87.566 | 41.5027 |
| 233 | HABOUB ABD LKBIR | 9/15  | 11° | 20.13:06:50 | 347.1669 | 1517.118 | 21-1412♂   | 87.539 | 41.6816 |
| 234 | HABOUB ABD LKBIR | 9/15  | 12° | 20.13:06:57 | 347.1669 | 1516.344 | 21-26250♀  | 87.495 | 41.8605 |
| 235 | BOUHITAN LOFT    | 19/34 | 26° | 20.13:07:03 | 347.2525 | 1516.056 | 20-20738♀  | 87.478 | 42.0394 |
| 236 | HAMOUDA AZNAG    | 5/19  | 8°  | 20.13:07:14 | 347.2638 | 1514.892 | 21-05418♂  | 87.411 | 42.2182 |
| 237 | BOUHITAN LOFT    | 19/34 | 27° | 20.13:07:21 | 347.2525 | 1514.07  | 20-23110♀  | 87.364 | 42.3971 |
| 238 | LOFT ZAAR        | 10/19 | 12° | 20.13:08:01 | 348.22   | 1513.89  | 19-08640♀  | 87.353 | 42.576  |
| 239 | LOFT ZAAR        | 10/19 | 13° | 20.13:08:15 | 348.22   | 1512.354 | 21-03893♂  | 87.264 | 42.7549 |
| 240 | BOUHITAN LOFT    | 19/34 | 28° | 20.13:07:53 | 347.2525 | 1510.56  | 21-03738♀  | 87.161 | 42.9338 |
| 241 | YASSIN NAWFAL    | 4/12  | 6°  | 20.13:07:36 | 346.7873 | 1510.398 | 21-57275♀  | 87.152 | 43.1127 |
| 242 | LOFT HICHAM      | 9/30  | 15° | 20.13:07:50 | 346.8156 | 1508.988 | 21-004520♀ | 87.07  | 43.2916 |

| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef    |
|-----|------------------|-------|-----|-------------|----------|----------|------------|--------|---------|
| 243 | FRERE KHOULALI   | 21/26 | 23° | 20.13:08:03 | 346.7294 | 1507.194 | 21-32113♂  | 86.967 | 43.4705 |
| 244 | BENBELLA         | 28/39 | 33° | 20.13:09:01 | 347.9867 | 1506.33  | 19-41190♂  | 86.917 | 43.6494 |
| 245 | EL OTHMANIE      | 4/18  | 11° | 20.13:08:58 | 347.658  | 1505.232 | 21-49563♂  | 86.854 | 43.8283 |
| 246 | FRERE KHOULALI   | 21/26 | 24° | 20.13:08:21 | 346.7294 | 1505.226 | 21-93974♂  | 86.853 | 44.0072 |
| 247 | LOFT TANAN       | 32/45 | 36° | 20.13:17:17 | 358.4243 | 1497.906 | 21-02808♂  | 86.431 | 44.186  |
| 248 | BOUHITAN LOFT    | 19/34 | 29° | 20.13:09:53 | 347.2525 | 1497.534 | 20-39199♂  | 86.409 | 44.3649 |
| 249 | LAAWISSAT        | 2/14  | 4°  | 20.13:10:00 | 346.7459 | 1494.594 | 21-12119   | 86.24  | 44.5438 |
| 250 | BENBELLA         | 28/39 | 34° | 20.13:11:07 | 347.9867 | 1492.758 | 18-58782♀  | 86.134 | 44.7227 |
| 251 | HAMID JIT        | 8/25  | 15° | 20.13:10:55 | 347.5961 | 1492.362 | 19-63970♂  | 86.111 | 44.9016 |
| 252 | HAMID JIT        | 8/25  | 16° | 20.13:11:02 | 347.5961 | 1491.618 | 21-50302♂  | 86.068 | 45.0805 |
| 253 | HAMID JIT        | 8/25  | 17° | 20.13:11:22 | 347.5961 | 1489.482 | 20-8812♀   | 85.945 | 45.2594 |
| 254 | LOFT HICHAM      | 9/30  | 16° | 20.13:11:06 | 346.8156 | 1487.838 | 20-58863♂  | 85.85  | 45.4383 |
| 255 | LOFT HICHAM      | 9/30  | 17° | 20.13:11:08 | 346.8156 | 1487.628 | 21-004518♀ | 85.838 | 45.6172 |
| 256 | HABOUB ABD LKBIR | 9/15  | 13° | 20.13:11:29 | 347.1669 | 1486.902 | 21-002845♀ | 85.796 | 45.7961 |
| 257 | BENNANI LOFT     | 0/8   | 2°  | 20.13:11:11 | 346.0851 | 1484.178 | 21-04526   | 85.639 | 45.975  |
| 258 | BOUHITAN LOFT    | 19/34 | 30° | 20.13:12:21 | 347.2525 | 1481.766 | 21-03054♀  | 85.5   | 46.1538 |
| 259 | BOUHITAN LOFT    | 19/34 | 31° | 20.13:12:24 | 347.2525 | 1481.454 | 20-92689♂  | 85.482 | 46.3327 |
| 260 | BOUHITAN LOFT    | 19/34 | 32° | 20.13:12:26 | 347.2525 | 1481.244 | 21-03743♀  | 85.469 | 46.5116 |
| 261 | LOFT TANAN       | 32/45 | 37° | 20.13:20:02 | 358.4243 | 1480.89  | 21-02843♂  | 85.449 | 46.6905 |
| 262 | LOFT HICHAM      | 9/30  | 18° | 20.13:12:14 | 346.8156 | 1480.644 | 21-004514♀ | 85.435 | 46.8694 |
| 263 | BENNANI LOFT     | 0/8   | 3°  | 20.13:11:48 | 346.0851 | 1480.26  | 21-97073   | 85.413 | 47.0483 |
| 264 | BENBELLA         | 28/39 | 35° | 20.13:14:13 | 347.9867 | 1473.168 | 19-41196♂  | 85.003 | 47.2272 |
| 265 | LOFT HICHAM      | 9/30  | 19° | 20.13:13:35 | 346.8156 | 1472.154 | 19-63551♀  | 84.945 | 47.4061 |
| 266 | HAMOUDA AZNAG    | 5/19  | 9°  | 20.13:14:01 | 347.2638 | 1471.35  | 21-05630♂  | 84.899 | 47.585  |
| 267 | FRERE KHOULALI   | 21/26 | 25° | 20.13:13:50 | 346.7294 | 1470.228 | 21-93973♂  | 84.834 | 47.7639 |
| 268 | LAAWISSAT        | 2/14  | 5°  | 20.13:14:06 | 346.7459 | 1468.638 | 21-004542  | 84.742 | 47.9428 |
| 269 | LOFT ZAAR        | 10/19 | 14° | 20.13:16:18 | 348.22   | 1461.27  | 21-41335♀  | 84.317 | 48.1216 |
| 270 | LOFT ZAAR        | 10/19 | 15° | 20.13:16:29 | 348.22   | 1460.142 | 21-62326♂  | 84.252 | 48.3005 |
| 271 | YASSIN NAWFAL    | 4/12  | 7°  | 20.13:15:31 | 346.7873 | 1460.052 | 19-131771♂ | 84.247 | 48.4794 |
| 272 | LOFT ZAAR        | 10/19 | 16° | 20.13:16:39 | 348.22   | 1459.122 | 21-62325♀  | 84.193 | 48.6583 |
| 273 | LOFT ZAAR        | 10/19 | 17° | 20.13:16:45 | 348.22   | 1458.51  | 21-09886♂  | 84.158 | 48.8372 |
| 274 | LOFT ZAAR        | 10/19 | 18° | 20.13:16:48 | 348.22   | 1458.21  | 21-03896♂  | 84.14  | 49.0161 |
| 275 | LOFT TANAN       | 32/45 | 38° | 20.13:24:25 | 358.4243 | 1454.544 | 21-02814♀  | 83.929 | 49.195  |
| 276 | BOUHITAN LOFT    | 19/34 | 33° | 20.13:16:55 | 347.2525 | 1453.446 | 20-20740♂  | 83.865 | 49.3739 |
| 277 | LOFT HICHAM      | 9/30  | 20° | 20.13:17:02 | 346.8156 | 1450.908 | 19-27775♀  | 83.719 | 49.5528 |
| 277 | LOFT HICHAM      | 9/30  | 21° | 20.13:17:02 | 346.8156 | 1450.908 | 19-63531♀  | 83.719 | 49.5528 |
| 279 | HAMOUDA AZNAG    | 5/19  | 10° | 20.13:18:16 | 347.2638 | 1445.328 | 21-05629♀  | 83.397 | 49.9106 |
| 280 | YASSIN NAWFAL    | 4/12  | 8°  | 20.13:18:48 | 346.7873 | 1440.144 | 19-75684♀  | 83.098 | 50.0894 |
| 281 | LOFT HICHAM      | 9/30  | 22° | 20.13:19:07 | 346.8156 | 1438.374 | 21-10874♂  | 82.996 | 50.2683 |
| 282 | HAMID JIT        | 8/25  | 18° | 20.13:20:23 | 347.5961 | 1434.078 | 18-098114♀ | 82.748 | 50.4472 |
| 283 | BENBELLA         | 28/39 | 36° | 20.13:21:08 | 347.9867 | 1431.258 | 18-58788♀  | 82.585 | 50.6261 |
| 284 | HAMID JIT        | 8/25  | 19° | 20.13:21:26 | 347.5961 | 1427.892 | 19-33401♂  | 82.391 | 50.805  |

| Cls | Nom              | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague       | Point  | coef    |
|-----|------------------|-------|-----|-------------|----------|----------|-------------|--------|---------|
| 285 | HAMOUDA AZNAG    | 5/19  | 11° | 20.13:21:20 | 347.2638 | 1427.112 | 21-002413♂  | 82.346 | 50.9839 |
| 286 | BOUHITAN LOFT    | 19/34 | 34° | 20.13:21:56 | 347.2525 | 1423.554 | 21-15641♀   | 82.141 | 51.1628 |
| 287 | HAMOUDA AZNAG    | 5/19  | 12° | 20.13:22:57 | 347.2638 | 1417.692 | 21-05438♀   | 81.802 | 51.3417 |
| 288 | LOFT HICHAM      | 9/30  | 23° | 20.13:23:47 | 346.8156 | 1411.062 | 21-004501♀  | 81.42  | 51.5206 |
| 289 | BENBELLA         | 28/39 | 37° | 20.13:25:51 | 347.9867 | 1404.024 | 20-1216♀    | 81.014 | 51.6995 |
| 290 | BENBELLA         | 28/39 | 38° | 20.13:26:06 | 347.9867 | 1402.608 | 21-93909♂   | 80.932 | 51.8784 |
| 291 | HABOUB ABD LKBIR | 9/15  | 14° | 20.13:25:41 | 347.1669 | 1401.654 | 20-097442♀  | 80.877 | 52.0572 |
| 292 | HAMID JIT        | 8/25  | 20° | 20.13:28:57 | 347.5961 | 1385.118 | 21-50795♀   | 79.923 | 52.2361 |
| 293 | HAMOUDA AZNAG    | 5/19  | 13° | 20.13:28:46 | 347.2638 | 1384.806 | 20-82227♀   | 79.905 | 52.415  |
| 294 | LOFT HICHAM      | 9/30  | 24° | 20.13:30:22 | 346.8156 | 1374.252 | 21-004530♂  | 79.296 | 52.5939 |
| 295 | YASSIN NAWFAL    | 4/12  | 9°  | 20.13:32:52 | 346.7873 | 1360.662 | 20-000463♂  | 78.512 | 52.7728 |
| 296 | YASSIN NAWFAL    | 4/12  | 10° | 20.13:33:55 | 346.7873 | 1355.082 | 18-27123♂   | 78.19  | 52.9517 |
| 297 | EL OTHMANIE      | 4/18  | 12° | 20.13:35:17 | 347.658  | 1351.266 | 21-1906♂    | 77.97  | 53.1306 |
| 298 | LOFT HICHAM      | 9/30  | 25° | 20.13:36:05 | 346.8156 | 1343.814 | 21-004512♀  | 77.54  | 53.3095 |
| 299 | LOFT HICHAM      | 9/30  | 26° | 20.13:37:19 | 346.8156 | 1337.424 | 21-004528♀  | 77.171 | 53.4884 |
| 300 | HAMOUDA AZNAG    | 5/19  | 14° | 20.13:39:44 | 347.2638 | 1326.786 | 21-05621♂   | 76.557 | 53.6673 |
| 301 | YASSIN NAWFAL    | 4/12  | 11° | 20.13:41:11 | 346.7873 | 1317.666 | 18-006980♀  | 76.031 | 53.8462 |
| 302 | LOFT ZAAR        | 10/19 | 19° | 20.13:44:52 | 348.22   | 1304.844 | 21-62323♀   | 75.291 | 54.025  |
| 303 | HAMOUDA AZNAG    | 5/19  | 15° | 20.13:44:19 | 347.2638 | 1303.95  | 21-05614♂   | 75.239 | 54.2039 |
| 304 | LOFT HICHAM      | 9/30  | 27° | 20.13:46:23 | 346.8156 | 1292.238 | 20-097180♀  | 74.564 | 54.3828 |
| 305 | LOFT HICHAM      | 9/30  | 28° | 20.13:46:31 | 346.8156 | 1291.596 | 20-097187♀  | 74.527 | 54.5617 |
| 306 | LOFT HICHAM      | 9/30  | 29° | 20.13:46:40 | 346.8156 | 1290.876 | 20-097168♂  | 74.485 | 54.7406 |
| 307 | EL OTHMANIE      | 4/18  | 13° | 20.13:48:43 | 347.658  | 1284.216 | 21-1917♂    | 74.101 | 54.9195 |
| 308 | HAMOUDA AZNAG    | 5/19  | 16° | 20.13:56:40 | 347.2638 | 1246.164 | 21-05626♂   | 71.905 | 55.0984 |
| 309 | HABOUB ABD LKBIR | 9/15  | 15° | 20.13:58:53 | 347.1669 | 1235.982 | 21-002837♀  | 71.318 | 55.2773 |
| 310 | HAMOUDA AZNAG    | 5/19  | 17° | 20.14:03:31 | 347.2638 | 1216.266 | 21-002872♀  | 70.18  | 55.4562 |
| 311 | FRERE KHOULALI   | 21/26 | 26° | 20.14:10:08 | 346.7294 | 1186.89  | 20-37001♂   | 68.485 | 55.6351 |
| 312 | BOUAZZA LOFT     | 6/20  | 7°  | 20.14:27:40 | 348.3577 | 1124.946 | 21-41383♀   | 64.911 | 55.814  |
| 313 | BOUAZZA LOFT     | 6/20  | 8°  | 20.14:28:30 | 348.3577 | 1121.922 | 21-41297♀   | 64.736 | 55.9928 |
| 314 | BOUAZZA LOFT     | 6/20  | 9°  | 20.14:29:31 | 348.3577 | 1118.262 | 20-6200♀    | 64.525 | 56.1717 |
| 315 | BOUAZZA LOFT     | 6/20  | 10° | 20.14:29:59 | 348.3577 | 1116.588 | 19-35021♂   | 64.428 | 56.3506 |
| 316 | BOUAZZA LOFT     | 6/20  | 11° | 20.14:30:17 | 348.3577 | 1115.52  | 21-41381♀   | 64.367 | 56.5295 |
| 317 | BOUAZZA LOFT     | 6/20  | 12° | 20.14:31:14 | 348.3577 | 1112.136 | 21-41382♀   | 64.171 | 56.7084 |
| 318 | BOUAZZA LOFT     | 6/20  | 13° | 20.14:32:06 | 348.3577 | 1109.064 | 20-001773♂  | 63.994 | 56.8873 |
| 319 | BOUAZZA LOFT     | 6/20  | 14° | 20.14:32:24 | 348.3577 | 1108.008 | 21-41387♂   | 63.933 | 57.0662 |
| 320 | BOUAZZA LOFT     | 6/20  | 15° | 20.14:32:43 | 348.3577 | 1106.892 | 21-41299♂   | 63.869 | 57.2451 |
| 321 | BOUAZZA LOFT     | 6/20  | 16° | 20.14:33:07 | 348.3577 | 1105.488 | 21-41385♂   | 63.788 | 57.424  |
| 322 | BOUAZZA LOFT     | 6/20  | 17° | 20.14:33:26 | 348.3577 | 1104.378 | 21-41384♂   | 63.724 | 57.6029 |
| 323 | BOUAZZA LOFT     | 6/20  | 18° | 20.14:34:05 | 348.3577 | 1102.11  | 21-05293♂   | 63.593 | 57.7818 |
| 324 | BOUAZZA LOFT     | 6/20  | 19° | 20.14:34:24 | 348.3577 | 1101.006 | 21-41297♀   | 63.529 | 57.9606 |
| 325 | EL OTHMANIE      | 4/18  | 14° | 20.14:45:08 | 347.658  | 1062.744 | 19-1668319♂ | 61.322 | 58.1395 |
| 326 | HAMOUDA AZNAG    | 5/19  | 18° | 20.14:59:59 | 347.2638 | 1015.44  | 20-30479♂   | 58.592 | 58.3184 |



| Cls | Nom           | Ad/En | C.N | heure       | Dist/Km  | V(m/min) | Bague      | Point  | coef    |
|-----|---------------|-------|-----|-------------|----------|----------|------------|--------|---------|
| 327 | YASSIN NAWFAL | 4/12  | 12° | 20.15:23:14 | 346.7873 | 949.494  | 19-55950♂  | 54.787 | 58.4973 |
| 328 | EL OTHMANIE   | 4/18  | 15° | 20.15:49:06 | 347.658  | 888.924  | 20-1167♂   | 51.292 | 58.6762 |
| 329 | BENBELLA      | 28/39 | 39° | 20.16:04:03 | 347.9867 | 857.004  | 21-93940♀  | 49.45  | 58.8551 |
| 330 | YASSIN NAWFAL | 4/12  | 13° | 20.17:01:08 | 346.7873 | 748.788  | 21-011064♀ | 43.206 | 59.034  |

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تم استخراج هذه النتيجة من الموقع PIGMA