|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S13. Right lower blade reentrant metrics. |  |  |  |  |  |  |  |  |
| Catalog ID | RE type | Tiny | Re area | Re area ordinal | Re centroid x | Re centroid x pct | Re centroid y | Re centroid y pct | Re diameter | Re diameter ordinal | Re divergence | Re edge LA ratio | Re edge bearing |
| 274 | LB\_Right | N | 2.78 | 3 | 8.51 | 96.87 | -4.06 | 39.91 | 0.65 | 4 | 91.25 | 2.55 | 84.91 |
| 275 | LB\_Right | Y | 1.09 | 6 | 9.25 | 98.89 | -7.44 | 35.41 | 0.45 | 5 | 88.48 | 5.39 | 90.36 |
| 276 | LB\_Right | N | 10.73 | 1 | 8.67 | 94.07 | -6.82 | 32.69 | 1.35 | 1 | 90.93 | 1.85 | 85.19 |
| 277 | LB\_Right | Y | 1.75 | 4 | 8.51 | 98.35 | -3.17 | 41.04 | 1.35 | 2 | 90.13 | 2.30 | 90.18 |
| 280 | LB\_Right | N | 9.49 | 1 | 8.55 | 92.88 | -2.65 | 38.39 | 0.67 | 5 | 90.05 | 2.37 | 84.21 |
| 281 | LB\_Right | N | 11.23 | 3 | 8.46 | 92.60 | -2.40 | 42.45 | 1.25 | 3 | 91.37 | 1.49 | 82.69 |
| 282 | LB\_Right | N | 6.60 | 3 | 9.08 | 93.52 | -0.31 | 45.00 | 0.61 | 3 | 89.83 | 2.36 | 82.53 |
| 283 | LB\_Right | N | 6.28 | 3 | 7.69 | 88.45 | 7.10 | 61.51 | 0.64 | 3 | 90.22 | 2.91 | 75.33 |
| 284 | LB\_Right | Y |  |  |  |  |  |  |   |  |  |  |  |
| 285 | LB\_Right | N | 2.47 | 4 | 7.56 | 98.54 | -3.67 | 38.21 | 1.05 | 3 | 90.46 | 3.16 | 89.54 |
| 286 | LB\_Right | N | 2.77 | 6 | 9.21 | 95.90 | -1.22 | 43.80 | 0.65 | 5 | 91.27 | 3.18 | 81.67 |
| 326 | LB\_Right | N | 18.05 | 3 | 8.41 | 93.59 | -2.17 | 43.58 | 1.25 | 4 | 90.86 | 1.75 | 85.86 |
| 327 | LB\_Right | N | 3.69 | 6 | 9.36 | 95.22 | -1.13 | 45.84 | 0.65 | 6 | 89.74 | 2.48 | 85.49 |
| 1417 | LB\_Right | N | 3.49 | 3 | 7.61 | 95.98 | 4.19 | 54.77 | 0.65 | 3 | 90.68 | 3.29 | 84.90 |
|  |  |  |  |  |  |  |  |  |   |  |  |  |  |
| Catalog ID | Re edge length | Re edge length pct | Re ellipse ratio | Re hull area pct | Re major axis | Re minor axis | Re orientation | Re perimeter | Re re area pct | Time stamp |  |  |  |
| 274 | 7.10 | 5.56 | 0.93 | 0.37 | 3.36 | 0.26 | 176.16 | 14.72 | 6.69 | 3/3/16 |  |  |  |
| 275 | 5.87 | 4.16 | 0.94 | 0.11 | 2.32 | 0.15 | 1.88 | 11.84 | 2.51 | 3/3/16 |  |  |  |
| 276 | 19.86 | 15.37 | 0.93 | 1.34 | 6.80 | 0.50 | 176.12 | 40.26 | 30.47 | 3/3/16 |  |  |  |
| 277 | 4.03 | 2.93 | 0.82 | 0.21 | 1.57 | 0.35 | 0.05 | 8.38 | 5.08 | 3/3/16 |  |  |  |
| 280 | 22.54 | 19.06 | 0.97 | 1.31 | 10.59 | 0.28 | 174.26 | 45.43 | 28.70 | 3/3/16 |  |  |  |
| 281 | 16.71 | 13.19 | 0.94 | 1.49 | 7.27 | 0.49 | 174.06 | 33.88 | 22.94 | 3/3/16 |  |  |  |
| 282 | 15.59 | 12.65 | 0.97 | 0.88 | 7.82 | 0.27 | 172.36 | 31.47 | 13.18 | 3/3/16 |  |  |  |
| 283 | 18.30 | 18.08 | 0.97 | 1.08 | 7.93 | 0.25 | 165.55 | 37.08 | 13.11 | 3/3/16 |  |  |  |
| 284 |  |  |  |  |  |  |  |  |  | 3/3/16 |  |  |  |
| 285 | 7.81 | 7.44 | 0.93 | 0.45 | 3.12 | 0.25 | 180.00 | 15.76 | 7.27 | 3/3/16 |  |  |  |
| 286 | 8.81 | 7.00 | 0.94 | 0.35 | 3.89 | 0.23 | 172.94 | 17.90 | 8.46 | 3/3/16 |  |  |  |
| 326 | 31.62 | 16.87 | 0.97 | 1.52 | 13.68 | 0.42 | 176.72 | 64.51 | 17.53 | 3/3/16 |  |  |  |
| 327 | 9.13 | 6.21 | 0.93 | 0.38 | 4.08 | 0.29 | 175.22 | 18.70 | 5.93 | 3/3/16 |  |  |  |
| 1417 | 11.49 | 8.56 | 0.96 | 0.47 | 4.98 | 0.22 | 175.58 | 23.31 | 10.36 | 3/3/16 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |