|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S12. Left 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 |
| 274 | LB\_Left | N | 2.28 | 4 | -8.20 | 3.13 | -1.00 | 45.13 | 0.65 | 3 | 270.21 | 2.78 |
| 275 | LB\_Left | N | 2.85 | 3 | -9.97 | 1.61 | -5.18 | 38.93 | 0.55 | 3 | 270.62 | 3.61 |
| 276 | LB\_Left | N | 3.70 | 5 | -8.96 | 1.72 | -7.69 | 31.19 | 0.61 | 5 | 269.44 | 2.52 |
| 277 | LB\_Left | N | 2.78 | 3 | -8.77 | 2.44 | -1.41 | 43.84 | 0.45 | 7 | 270.33 | 2.80 |
| 280 | LB\_Left | N | 4.02 | 3 | -9.02 | 2.64 | -7.36 | 28.99 | 0.55 | 7 | 269.69 | 3.37 |
| 281 | LB\_Left | N | 5.05 | 4 | -8.03 | 4.09 | -0.35 | 46.03 | 0.75 | 4 | 270.41 | 2.17 |
| 282 | LB\_Left | Y | 1.76 | 4 | -9.18 | 2.81 | -5.87 | 34.88 | 0.45 | 4 | 270.97 | 3.13 |
| 283 | LB\_Left | Y | 1.93 | 5 | -10.24 | 6.23 | -1.37 | 41.91 | 0.59 | 5 | 269.53 | 2.82 |
| 284 | LB\_Left | Y |  |  |  |  |  |  |   |  |  |  |
| 285 | LB\_Left | N | 4.85 | 3 | -7.64 | 6.82 | 1.86 | 49.93 | 0.85 | 4 | 271.52 | 2.26 |
| 286 | LB\_Left | N | 2.63 | 7 | -9.12 | 2.24 | -2.77 | 41.09 | 0.55 | 7 | 269.95 | 2.94 |
| 326 | LB\_Left | N | 15.95 | 4 | -8.52 | 6.59 | -5.85 | 39.43 | 1.45 | 3 | 271.24 | 1.20 |
| 327 | LB\_Left | N | 8.54 | 3 | -9.04 | 4.14 | 0.61 | 48.41 | 0.85 | 3 | 269.93 | 1.95 |
| 1417 | LB\_Left | Y | 1.89 | 4 | -7.98 | 2.93 | 3.47 | 53.62 | 0.47 | 4 | 269.49 | 3.01 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Catalog ID | Re edge bearing | 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 | 275.04 | 6.35 | 4.98 | 0.91 | 0.31 | 2.66 | 0.27 | 4.83 | 13.02 | 5.50 | 3/3/16 |  |
| 275 | 271.50 | 10.28 | 7.28 | 0.96 | 0.30 | 4.66 | 0.19 | 0.87 | 20.85 | 6.58 | 3/3/16 |  |
| 276 | 270.38 | 9.34 | 7.23 | 0.94 | 0.46 | 4.21 | 0.28 | 0.95 | 18.89 | 10.52 | 3/3/16 |  |
| 277 | 273.35 | 7.76 | 5.64 | 0.95 | 0.33 | 3.95 | 0.22 | 3.03 | 15.79 | 8.05 | 3/3/16 |  |
| 280 | 272.50 | 13.56 | 11.46 | 0.97 | 0.56 | 6.16 | 0.21 | 2.80 | 27.41 | 12.15 | 3/3/16 |  |
| 281 | 274.62 | 10.96 | 8.65 | 0.94 | 0.67 | 5.00 | 0.32 | 4.21 | 22.35 | 10.31 | 3/3/16 |  |
| 282 | 276.48 | 5.50 | 4.46 | 0.92 | 0.23 | 2.45 | 0.23 | 5.51 | 11.17 | 3.51 | 3/3/16 |  |
| 283 | 291.53 | 5.46 | 5.40 | 0.90 | 0.33 | 2.43 | 0.26 | 22.00 | 11.41 | 4.04 | 3/3/16 |  |
| 284 |  |  |  |  |  |  |  |  |  |  | 3/3/16 |  |
| 285 | 279.98 | 10.94 | 10.42 | 0.93 | 0.87 | 4.68 | 0.33 | 8.46 | 22.37 | 14.24 | 3/3/16 |  |
| 286 | 273.17 | 7.74 | 6.16 | 0.93 | 0.34 | 3.44 | 0.24 | 3.22 | 15.83 | 8.03 | 3/3/16 |  |
| 326 | 275.38 | 19.11 | 10.20 | 0.94 | 1.34 | 9.19 | 0.55 | 4.14 | 39.14 | 15.49 | 3/3/16 |  |
| 327 | 273.54 | 16.69 | 11.36 | 0.95 | 0.87 | 7.37 | 0.37 | 3.61 | 34.54 | 13.73 | 3/3/16 |  |
| 1417 | 275.58 | 5.68 | 4.23 | 0.91 | 0.25 | 2.52 | 0.24 | 6.09 | 11.51 | 5.60 | 3/3/16 |  |