| HNT                              |   | Defined by HIP 20 |                     |                          |          |                      |  |  |
|----------------------------------|---|-------------------|---------------------|--------------------------|----------|----------------------|--|--|
|                                  | hannana an Annil 10th fire                                |                   | 4046 Amril 00,00,00 | TO                       |          |                      |  |  |
|                                  | happens on April 18th, firs<br>ssions Year is Aug1-Aug1 s |                   |                     | 10                       |          |                      |  |  |
| Date                             | Amount Per 24 hours                                       | Max Per Year      | SubDAO Pool         | HNT to SubDAOs per 24 Hr | HST Pool | Notes                |  |  |
| August 1, 2022                   | 82,191.78082192   |                   | Not applicable      |                          | 32%      | Pre Solana Migration |  |  |
| April 19, 2023                   | 82,191.78082192   | 30,000,000.00     | 68%                 | 55,890.41095890          |          | Upon Migration       |  |  |
| August 1, 2023                   | 40,983.60655738   | 15,000,000.00     | 69%                 | 28,278.68852459          |          | Leap year            |  |  |
| August 1, 2024                   | 41,095.89041096   | 15,000,000.00     | 70%                 | 28,767.12328767          | 30%      |                      |  |  |
| August 1, 2025                   | 20,547.94520548   |                   | 71%                 | 14,589.04109589          | 29%      |                      |  |  |
| August 1, 2026                   | 20,547.94520548   | 7,500,000.00      | 72%                 | 14,794.52054795          | 28%      |                      |  |  |
| August 1, 2027                   | 10,245.90163934   | 3,750,000.00      | 73%                 | 7,479.50819672           |          | Leap year            |  |  |
| August 1, 2028                   | 10,273.97260274   | 3,750,000.00      | 74%                 | 7,602.73972603           | 26%      | Leap year            |  |  |
| -                                |   |                   | 75%                 |                          | 25%      |                      |  |  |
| August 1, 2029                   | 5,136.98630137  | 1,875,000.00      |                     | 3,852.73972603           |          |                      |  |  |
| August 1, 2030                   | 5,136.98630137  | 1,875,000.00      | 76%                 | 3,904.10958904           | 24%      |                      |  |  |
| August 1, 2031                   | 2,561.47540984  | 937,500.00        | 77%                 | 1,972.33606557           |          | Leap year            |  |  |
| August 1, 2032                   | 2,568.49315068  | 937,500.00        | 78%                 | 2,003.42465753           | 22%      |                      |  |  |
| August 1, 2033                   | 1,284.24657534  | 468,750.00        | 79%                 | 1,014.55479452           | 21%      |                      |  |  |
| August 1, 2034                   | 1,284.24657534  | 468,750.00        | 80%                 | 1,027.39726027           | 20%      |                      |  |  |
| August 1, 2035                   | 640.36885246  |                   | 81%                 | 518.69877049             |          | Leap year            |  |  |
| August 1, 2036                   | 642.12328767  | 234,375.00        | 82%                 | 526.54109589             | 18%      |                      |  |  |
| August 1, 2037                   | 321.06164384  | 117,187.50        | 83%                 | 266.48116438             | 17%      |                      |  |  |
| August 1, 2038                   | 321.06164384  | 117,187.50        | 84%                 | 269.69178082             | 16%      |                      |  |  |
| August 1, 2039                   | 160.09221311  | 58,593.75         | 85%                 | 136.07838115             | 15%      | Leap year            |  |  |
| August 1, 2040                   | 160.53082192  | 58,593.75         | 85%                 | 136.45119863             | 15%      |                      |  |  |
| August 1, 2041                   | 80.26541096   | 29,296.88         | 85%                 | 68.22559932              | 15%      |                      |  |  |
| August 1, 2042                   | 80.26541096   | 29,296.88         | 85%                 | 68.22559932              | 15%      |                      |  |  |
| August 1, 2043                   | 40.02305328   | 14,648.44         | 85%                 | 34.01959529              | 15%      | Leap year            |  |  |
| August 1, 2044                   | 40.13270548   |                   | 85%                 | 34.11279966              | 15%      |                      |  |  |
| August 1, 2045                   | 20.06635274   | 7,324.22          | 85%                 | 17.05639983              | 15%      |                      |  |  |
| August 1, 2046                   | 20.06635274   |                   | 85%                 | 17.05639983              | 15%      |                      |  |  |
| August 1, 2047                   | 10.00576332   |                   | 85%                 | 8.50489882               |          | Leap year            |  |  |
| August 1, 2048                   | 10.03317637   | 3,662.11          | 85%                 | 8.52819991               | 15%      | Loap you.            |  |  |
| August 1, 2049                   | 5.01658818  |                   | 85%                 | 4.26409996               | 15%      |                      |  |  |
| -                                | 5.01658818  | 1,831.05          | 85%                 | 4.26409996               | 15%      |                      |  |  |
| August 1, 2050                   | 2.50144083  | 915.53            | 85%                 | 2.12622471               |          | Leap year            |  |  |
| August 1, 2051                   |   |                   |                     |                          |          | сеар уеаг            |  |  |
| August 1, 2052                   | 2.50829409  | 915.53            | 85%                 | 2.13204998               | 15%      |                      |  |  |
| August 1, 2053                   | 1.25414705  | 457.76            | 85%                 | 1.06602499               | 15%      |                      |  |  |
| August 1, 2054                   | 1.25414705  | 457.76            | 85%                 | 1.06602499               | 15%      |                      |  |  |
| August 1, 2055                   | 0.62536021  | 228.88            | 85%                 | 0.53155618               |          | Leap year            |  |  |
| August 1, 2056                   | 0.62707352  | 228.88            | 85%                 | 0.53301249               | 15%      |                      |  |  |
| August 1, 2057                   | 0.31353676  |                   | 85%                 | 0.26650625               | 15%      |                      |  |  |
| August 1, 2058                   | 0.31353676  |                   | 85%                 | 0.26650625               | 15%      |                      |  |  |
| August 1, 2059                   | 0.15634005  | 57.22             | 85%                 | 0.13288904               |          | Leap year            |  |  |
| August 1, 2060                   | 0.15676838  | 57.22             | 85%                 | 0.13325312               | 15%      |                      |  |  |
| August 1, 2061                   | 0.07838419  | 28.61             | 85%                 | 0.06662656               | 15%      |                      |  |  |
| August 1, 2062                   | 0.07838419  | 28.61             | 85%                 | 0.06662656               | 15%      |                      |  |  |
| August 1, 2063                   | 0.03908501  | 14.31             | 85%                 | 0.03322226               | 15%      | Leap year            |  |  |
| August 1, 2064                   | 0.03919210  | 14.31             | 85%                 | 0.03331328               | 15%      |                      |  |  |
| August 1, 2065                   | 0.01959605  |                   | 85%                 | 0.01665664               | 15%      |                      |  |  |
| August 1, 2066                   | 0.01959605  |                   | 85%                 | 0.01665664               | 15%      |                      |  |  |
| August 1, 2067                   | 0.00977125  |                   | 85%                 | 0.00830557               |          | Leap year            |  |  |
| August 1, 2068                   | 0.00979802  | 3.58              | 85%                 | 0.00832832               | 15%      |                      |  |  |
| August 1, 2069                   | 0.00489901  | 1.79              | 85%                 | 0.00416416               | 15%      |                      |  |  |
| August 1, 2069<br>August 1, 2070 | 0.00489901  | 1.79              | 85%                 | 0.00416416               | 15%      |                      |  |  |

## **MOBILE** Defined by HIP 53 Updated by HIP 75 \*Rewardable percentage at the start of the subDAO is below 100% because not all entities that receive rewards according to the subDAO emission schedule will exist at that point in time. Once rewardable entities that are missing go live, the rewardable percentage share will increase according to the rewards share they receive. The increase is not scheduled to a specific date but assumed to hit 100% before Solana Migration happens on April 18th, first 24 hour epoch starts 19th April 00:00:00 UTC The Helium Emissions Year is Aug1-Aug1 so Leap years start Aug in the year before. Date Max Per 24 hours Max Per Year Rewardable Percent Amount Emitted Per 24 Hours August 12, 2022 50.000.000.000.000000 Single Premine February 1, 2023 100.000.000.000000 60.000.000.000.00 N/A 100,000,000.000000 Only hotspots 110B-50B Premine April 19, 2023 66% 164,383,561.643836 60.000.000.000.00 108,493,150.684932 Only hotspots and stakers exist (at this point) 68,983,287,671.23 is emitted to Aug 1, 2023 in 2022-2023 Out of 110B only a possible maxium of August 1, 2023 81,967,213.114754 30.000.000.000.00 66% 54,098,360.655738 Leap year August 1, 2024 82,191,780.821918 30.000.000.000.00 66% 54,246,575.342466 August 1, 2025 41.095.890.410959 15.000.000.000.00 100% 41.095.890.410959 August 1, 2026 41,095,890.410959 15,000,000,000.00 100% 41,095,890.410959 20.491.803.278689 7.500.000.000.00 20,491,803.278689 Leap year August 1, 2027 100% 20.547.945.205480 7.500.000.000.00 100% 20,547,945.205480 August 1, 2028 August 1, 2029 10.273.972.602740 3.750.000.000.00 100% 10.273.972.602740 10.273.972.602740 3.750.000.000.00 100% 10.273.972.602740 August 1, 2030 August 1, 2031 5,122,950.819672 1,875,000,000.00 100% 5,122,950.819672 Leap year August 1, 2032 5.136.986.301370 1.875.000.000.00 100% 5.136.986.301370 937.500.000.00 100% August 1, 2033 2 568 493 150685 2.568.493.150685 August 1, 2034 2,568,493.150685 937,500,000.00 100% 2,568,493.150685 468.750.000.00 August 1, 2035 1.280.737.704918 100% 1,280,737.704918 Leap year August 1, 2036 1.284.246.575342 468.750.000.00 100% 1.284.246.575342 August 1, 2037 642.123.287671 234.375.000.00 100% 642.123.287671 August 1, 2038 642.123.287671 234.375.000.00 100% 642,123.287671 August 1, 2039 320,184.426230 117,187,500.00 100% 320.184.426230 Leap year August 1, 2040 321.061.643836 117.187.500.00 100% 321,061.643836 August 1, 2041 160.530.821918 58.593.750.00 100% 160.530.821918 August 1, 2042 160.530.821918 58.593.750.00 100% 160,530.821918 80,046.106557 August 1, 2043 29 296 875 00 100% 80,046.106557 Leap year August 1, 2044 80.265.410959 29.296.875.00 100% 80.265.410959 14.648.437.50 100% 40,132.705479 August 1, 2045 40 132 705479 August 1, 2046 40.132.705479 14.648.437.50 100% 40,132.705479 20.011.526639 7.324.218.75 100% 20,011.526639 Leap year August 1, 2047 7,324,218.75 August 1, 2048 20,066.352740 100% 20,066.352740 August 1, 2049 10.033.176370 3.662.109.38 100% 10.033.176370 3.662.109.38 100% August 1, 2050 10.033.176370 10.033.176370 August 1, 2051 5,002.881660 1,831,054.69 100% 5,002.881660 Leap year 1.831.054.69 100% 5,016.588185 August 1, 2052 5.016.588185 August 1, 2053 2.508.294092 915.527.34 100% 2.508.294092 August 1, 2054 2.508.294092 915.527.34 100% 2.508.294092 August 1, 2055 1,250.720415 457,763.67 100% 1,250.720415 Leap year August 1, 2056 457,763.67 100% 1,254.147046 1,254.147046 228.881.84 627 073523 August 1, 2057 627.073523 100% August 1, 2058 627.073523 228.881.84 100% 627.073523 August 1, 2059 312.680104 114,440,92 100% 312.680104 Leap year August 1, 2060 313.536762 114,440.92 100% 313.536762 100% August 1, 2061 156.768381 57.220.46 156.768381

156.768381

78.170026 Leap year

57.220.46

28,610,23

156 768381

78.170026

August 1, 2062

August 1, 2063

100%

100%

|                                  | == ==   |                           |                               |                                  |                        |  |  |  |
|----------------------------------|---|---------------------------|-------------------------------|----------------------------------|------------------------|--|--|--|
| August 1, 2064                   | 78.384190   | 28,610.23                 | 100%                          |                                  |                        |  |  |  |
| August 1, 2065                   | 39.192095   | 14,305.11                 | 100%                          |                                  |                        |  |  |  |
| August 1, 2066                   | 39.192095   | 14,305.11                 | 100%                          |                                  |                        |  |  |  |
| August 1, 2067                   | 19.542506   | 7,152.56                  | 100%                          |                                  | Leap year              |  |  |  |
| August 1, 2068                   | 19.596048   | 7,152.56                  | 100%                          |                                  |                        |  |  |  |
| August 1, 2069                   | 9.798024  | 3,576.28                  | 100%                          |                                  |                        |  |  |  |
| August 1, 2070                   | 9.798024  | 3,576.28                  | 100%                          | 9.798024                         |                        |  |  |  |
|                                  |   |                           |                               |                                  |                        |  |  |  |
| OT                               |   | Defined by HIP 52         |                               |                                  |                        |  |  |  |
| Rewardable percent               | rage at the start of the subDAO i                         | s below 100% because      | not all entities that receive | rewards according to the subDAO  |                        |  |  |  |
| mission schedule wi              | ill exist at that point in time. Onc                      | e rewardable entities the | at are missing go live, the r | rewardable percentage share will |                        |  |  |  |
|                                  | the rewards share they receive                            | e. The increase is not so | heduled to a specific date t  | but assumed to hit 100% before   |                        |  |  |  |
| August 1, 2024.                  | happens on April 18th, first                              | t 24 hour anach sta-      | to 10th April 00:00:00        | LITC                             |                        |  |  |  |
|                                  | nappens on April 18th, ills<br>sions Year is Aug1-Aug1 st |                           |                               | O1C                              |                        |  |  |  |
| Date                             | Max Per 24 hours  | Max Per Year              | Rewardable Percent            | Amount Emitted Per 24 Hours      | Notes                  |  |  |  |
| April 18, 2023                   | 5,000,000,000.000000                                      | Wax Fel Teal              | Rewaluable Fercelli           | Amount Emitted Fer 24 Hours      | Premine                |  |  |  |
| April 19, 2023                   | 178,082,191.780822  | 65,000,000,000.00         | 93%                           | 165 616 429 256164               | Everything but oracles |  |  |  |
|                                  | B only a possible maximum of                              |                           | is emitted to Aug 1, 2023     | 103,010,438.330104               | Everything but bracies |  |  |  |
| August 1, 2023                   | 88,797,814.207650   | 32,500,000,000.00         | 93%                           | 82,581,967.213115                | Loopyoor               |  |  |  |
| August 1, 2023<br>August 1, 2024 | 89,041,095.890411   | 32,500,000,000.00         | 93%                           |                                  |                        |  |  |  |
| -                                | 44,520,547.945206   | 16,250,000,000.00         | 100%                          |                                  |                        |  |  |  |
| August 1, 2025                   |   |                           | 100%                          |                                  |                        |  |  |  |
| August 1, 2026                   | 44,520,547.945206   | 16,250,000,000.00         |                               |                                  |                        |  |  |  |
| August 1, 2027                   | 22,199,453.551913   | 8,125,000,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2028                   | 22,260,273.972603   | 8,125,000,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2029                   | 11,130,136.986301   | 4,062,500,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2030                   | 11,130,136.986301   | 4,062,500,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2031                   | 5,549,863.387978  | 2,031,250,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2032                   | 5,565,068.493151  | 2,031,250,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2033                   | 2,782,534.246575  | 1,015,625,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2034                   | 2,782,534.246575  | 1,015,625,000.00          | 100%                          |                                  |                        |  |  |  |
| August 1, 2035                   | 1,387,465.846995  | 507,812,500.00            | 100%                          |                                  |                        |  |  |  |
| August 1, 2036                   | 1,391,267.123288  | 507,812,500.00            | 100%                          |                                  |                        |  |  |  |
| August 1, 2037                   | 695,633.561644  | 253,906,250.00            | 100%                          |                                  |                        |  |  |  |
| August 1, 2038                   | 695,633.561644  | 253,906,250.00            | 100%                          |                                  |                        |  |  |  |
| August 1, 2039                   | 346,866.461749  | 126,953,125.00            | 100%                          |                                  |                        |  |  |  |
| August 1, 2040                   | 347,816.780822  | 126,953,125.00            | 100%                          |                                  |                        |  |  |  |
| August 1, 2041                   | 173,908.390411  | 63,476,562.50             | 100%                          |                                  |                        |  |  |  |
| August 1, 2042                   | 173,908.390411  | 63,476,562.50             | 100%                          |                                  |                        |  |  |  |
| August 1, 2043                   | 86,716.615437   | 31,738,281.25             | 100%                          |                                  |                        |  |  |  |
| August 1, 2044                   | 86,954.195205   | 31,738,281.25             | 100%                          |                                  |                        |  |  |  |
| A 4 0045                         | 40 477 007000   | 45 000 440 00             | 1000/                         | 40 477 007000                    |                        |  |  |  |

43,477.097603

43,477.097603

21,738.548801

10,869.274401

10,869.274401

5,434.637200

2,717.318600

2,717.318600

1,358.659300

679.329650

679.329650

21,679.153859 Leap year

5,419.788465 Leap year

1,354.947116 Leap year

15,869,140.63

15,869,140.63

7,934,570.31

7,934,570.31

3,967,285.16

3,967,285.16

1,983,642.58

1,983,642.58

991,821.29

991,821.29

495,910.64

495,910.64

247,955.32

247,955.32

43,477.097603

43,477.097603

21,679.153859

21,738.548801

10,869.274401

10,869.274401

5,419.788465

5,434.637200

2,717.318600

2,717.318600

1,354.947116

1,358.659300

679.329650

679.329650

August 1, 2045

August 1, 2046

August 1, 2047

August 1, 2048

August 1, 2049

August 1, 2050

August 1, 2051

August 1, 2052

August 1, 2053

August 1, 2054

August 1, 2055

August 1, 2056

August 1, 2057

August 1, 2058

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

100%

| August 1, 2059 | 338.736779 | 123,977.66 | 100% | 338.736779 | Leap year |  |  |  |  |
|----------------|------------|------------|------|------------|-----------|--|--|--|--|
| August 1, 2060 | 339.664825 | 123,977.66 | 100% | 339.664825 |           |  |  |  |  |
| August 1, 2061 | 169.832413 | 61,988.83  | 100% | 169.832413 |           |  |  |  |  |
| August 1, 2062 | 169.832413 | 61,988.83  | 100% | 169.832413 |           |  |  |  |  |
| August 1, 2063 | 84.684195  | 30,994.42  | 100% | 84.684195  | Leap year |  |  |  |  |
| August 1, 2064 | 84.916206  | 30,994.42  | 100% | 84.916206  |           |  |  |  |  |
| August 1, 2065 | 42.458103  | 15,497.21  | 100% | 42.458103  |           |  |  |  |  |
| August 1, 2066 | 42.458103  | 15,497.21  | 100% | 42.458103  |           |  |  |  |  |
| August 1, 2067 | 21.171049  | 7,748.60   | 100% | 21.171049  | Leap year |  |  |  |  |
| August 1, 2068 | 21.229052  | 7,748.60   | 100% | 21.229052  |           |  |  |  |  |
| August 1, 2069 | 10.614526  | 3,874.30   | 100% | 10.614526  |           |  |  |  |  |
| August 1, 2070 | 10.614526  | 3,874.30   | 100% | 10.614526  |           |  |  |  |  |
|                |            |            |      | 0          |           |  |  |  |  |