*(Version 1.0)*

*October 21st 2019*

The 55th Annual Telephone Pioneer QSO Party

Telephone Pioneer QSO Party Chapter Coordinators

Telephone Pioneer Radio Amateurs

TelecomPioneer Chapter Administrators

The George S Ladd Radio Club (Golden Gate Chapter) invites all Telephone Pioneers, including former and current employees of the telephone related companies, and all other licensed amateur radio operators to participate in the **55th Annual Telephone Pioneer QSO Party**.

**We welcome contacts from non-pioneers as well.**

The Telephone Pioneer QSO party combines Telephone Pioneering and Amateur Radio. It is a great chance to renew old friendships. Help us celebrate the Annual Telephone Pioneer QSO Party.

**For the latest information and results go to:** [**http://tpqso.com/**](http://tpqso.com/)

If you are a chapter coordinator, please make every effort to contact all the Telephone Pioneer operators in your chapter.

Included with this letter are the rules, log sheets and a summary sheet. **Please use the summary sheet!**

The Telephone Pioneer QSO Party is scheduled for **Monday October 21, 2019**

One complaint about weekend operating is the QRM with the various state QSO parties. The event will run eight hours with all modes running concurrently but scored separately.

**There will be a special digital only session from 18:00 to 19:00 UTC. The increasing use of the digital modes, especially FT-8, will give all of us a chance to test its popularity.**

Please give our announcement the widest possible distribution to all the known Amateur Radio Operators both pioneers and non-pioneers.. Thanks to all the previous coordinators who have made the TPQSO party a great success over the past 53 years.

For more information please call, email or write:

|  |
| --- |
| Jim Muiter N6TP |
| 4233 Wooster Ave.  San Mateo, CA 94403  650-345-6973 |
| n6tpjim@gmail.com |

73

Jim -- N6TP

***October 21st ,2019***

55th TELEPHONE PIONEER QSO PARTY

The George S Ladd Radio Club (Golden Gate Chapter) cordially invites all Telephone Pioneers (TelecomPioneers) Amateur Radio Operators in the United States and Canada to participate in contacting as many members in as many chapters as possible, including members of the United States Telephone Pioneer Association.

*Phone Users*: call "**CQ Telephone Pioneers**". *CW and digital modes,* call "**CQ TP**".

## SCORING: Each mode is scored separately. Each PHONE and CW/DIGITAL QSO is worth one contact point. Total score for that mode equals the contact points times Chapters worked in that mode. Only one multiplier may be taken for each chapter worked.

## You may contact the same station on different bands. *You may also contact the same station in your own chapter on different bands.*

**EXCHANGE:** The exchange is the chapter number. You may give a signal report, followed by the chapter number, then your name. The exchange does not require a signal report and your name, but it is customary.

For example: W4BXI DE N6TP 599 138 JIM K

If you contact a non-pioneer, give him or her your contact information. Then enter “599” in the chapter number field. This will give you an extra multiplier. There is only one multiplier for non-pioneer contacts. The non-pioneer contact will be part of your QSO total.

Non-Pioneers can contact only Telephone Pioneers.

Occasionally, we will get asked ***“What is a Pioneer?”*** This year we will award a 10 point bonus for each time you explain what is a Telephone Pioneer. The maximum bonus will be 100 points. Use the summary sheet to list the calls, to claim the bonus points. Only Telephone Pioneers can claim the bonus points.

**TPQSO SCHEDULE:**

**There will be a special digital only session from 18:00 to 19:00 UTC. The increasing use of the digital modes, especially FT-8, will give all of a chance to test its popularity.**

|  |  |  |
| --- | --- | --- |
| **Monday October 21, 2019** | **Start** | **End** |
| **DIGITAL-ONLY SESSION** | **18:00 UTC** | **19:00 UTC** |
| **ALL MODES (CW, DIGITAL, PHONE)** | **19:00 UTC** | **03:00 UTC\***  **(Monday Night Local Time)** |

\* REMINDER: The 0000-0300 UTC portion is still “Monday evening” in the Western Hemisphere.

**SUGGESTED FREQUENCIES**

|  |  |  |  |
| --- | --- | --- | --- |
| **BAND** | **CW** | **DIGITAL** | **PHONE** |
| 160 | 1810-1820 | 1820-1825 | 1855-1860 |
| 80 | 3540-3545 | 3560-3565 | 3880-3885 |
| 40 | 7025-7040 | 7040-7045 | 7178-7182 |
| 20 | 14040-14045 | 14060-14065 | 14240-14245 |
| 15 | 21040-21045 | 21060-21065 | 21360-21365 |
| 10 | 28040-28045 | 28060-28065 | 28340-28345 |
| 6 | 50.0-50.1 | 50.4 | 50.1 - 50.3 |
| 2 | 144.08-144.1 | 145.6 | Local Simplex or Repeater |
| 1.25 (220) | 222.1 | 223.6 | Local Simplex or Repeater |
| 70 cm (420-450) | 432.1 | 432.6 | Local Simplex or Repeater |

**REPORTING:** If possible, return summary sheets and logs via your Pioneer Amateur Radio Coordinator. **Please use the summary sheet.** Send your summary sheet and logs, postmarked no later than Dec 10 2019.

If you email your log and summary sheets, please include your call in the title.

Jim Muiter

4233 Wooster Ave.

San Mateo, CA 94403

650-345-6973

[n6tpjim@gmail.com](mailto:n6tpjim@gmail.com)

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***October 21st, 2019***

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|  | 55th Annual Telephone Pioneer QSO Party | | | |
|  | **Chapter List for DIGITAL contacts** | | | |
| Nr | Chapter |  | Nr | Chapter | |
| 1 | Illinois |  | 61 | South Carolina | |
| 2 | Ohio |  | 62 | Kansas | |
| 3 | Broadwing |  | 64 | South Texas | |
| 4 | Wisconsin |  | 66 | Arizona | |
| 5 | Nova Five |  | 67 | Utah | |
| 6 | Liberty Bell |  | 68 | De Anza | |
| 7 | Leonard H. Kinnard |  | 73 | Mont Royal | |
| 8 | Colorado |  | 81 | H. G. McCully-Dnst | |
| 9 | Morris F. Tyler |  | 85 | Paumonok | |
| 10 | Michigan |  | 97 | Empire State | |
| 11 | Missouri |  | 98 | Excelsior | |
| 12 | H. G. McCulley Upstate |  | 99 | Telecordia | |
| 13 | Fort Pitt |  | 100 | Maple Leaf | |
| 14 | Thomas Sherwin |  | 101 | Silver State | |
| 15 | A. G. Bell |  | 102 | Ontario | |
| 16 | Indiana |  | 103 | Quebec | |
| 17 | Iowa |  | 105 | New Foundland | |
| 18 | Minnesota |  | 117 | New Mexico | |
| 19 | Nebraska |  | 118 | North Dakota | |
| 20 | William Denver |  | 119 | South Dakota | |
| 21 | Tennessee |  | 120 | Wyoming | |
| 22 | Texas Pride |  | 121 | Idaho | |
| 23 | Community Service Group |  | 122 | Montana | |
| 24 | Louisiana |  | 124 | Georgia | |
| 25 | Verizon West |  | 125 | NorthEast AT&T | |
| 26 | C. F. Sise |  | 126 | Mid Atlantic | |
| 29 | Golden Bear |  | 127 | South | |
| 30 | Washington |  | 131 | NorthEast New Outlook | |
| 31 | Oregon |  | 132 | Penn Jersey New Outlook | |
| 32 | Kentucky |  | 133 | Atlantic Coast New Outlook | |
| 33 | Jasper N. Keller |  | 134 | Southern States New Outlook | |
| 34 | Alabama |  | 135 | Cross Roads New Outlook | |
| 35 | North Carolina |  | 136 | SouthWest New Outlook | |
| 36 | Mississippi |  | 137 | New Frontier New Outlook | |
| 37 | Genesee |  | 138 | Golden Gate | |
| 38 | Agere/Allentown New Outlook |  | 139 | New Jersey | |
| 39 | Florida |  | 140 | Pacific | |
| 41 | Oklahoma |  | 141 | Mountain & Plains | |
| 42 | West Virginia |  | 159 | Alaska | |
| 43 | Old Dominion |  | 501 | Ted Fisher – Redlands | |
| 44 | Maryland |  | 502 | Theodore Garry | |
| 46 | Alberta |  | 503 | Granite State | |
| 49 | Acadia |  | 504 | Holmwood Lorbeer-Pomona | |
| 50 | MTS Pioneers |  | 505 | Addison-Home.Addison | |
| 51 | New Brunswick |  | 506 | S.Monica Bay | |
| 52 | Arkansas |  | 507 | White Mtn.Club | |
| 53 | British Columbia |  | 508 | Norwesco | |
| 55 | MacDonald-Cartier |  | 509 | S.D.Pioneers | |
| 59 | Saskatchewan |  | 599 | Non Pioneer | |

***October 21st, 2019***

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|  | **55th Annual Telephone Pioneer QSO Party** | | | |
|  | **Chapter List for CW contacts** | | | |
| Nr | Chapter |  | Nr | Chapter | |
| 1 | Illinois |  | 61 | South Carolina | |
| 2 | Ohio |  | 62 | Kansas | |
| 3 | Broadwing |  | 64 | South Texas | |
| 4 | Wisconsin |  | 66 | Arizona | |
| 5 | Nova Five |  | 67 | Utah | |
| 6 | Liberty Bell |  | 68 | De Anza | |
| 7 | Leonard H. Kinnard |  | 73 | Mont Royal | |
| 8 | Colorado |  | 81 | H. G. McCully-Dnst | |
| 9 | Morris F. Tyler |  | 85 | Paumonok | |
| 10 | Michigan |  | 97 | Empire State | |
| 11 | Missouri |  | 98 | Excelsior | |
| 12 | H. G. McCulley Upstate |  | 99 | Telecordia | |
| 13 | Fort Pitt |  | 100 | Maple Leaf | |
| 14 | Thomas Sherwin |  | 101 | Silver State | |
| 15 | A. G. Bell |  | 102 | Ontario | |
| 16 | Indiana |  | 103 | Quebec | |
| 17 | Iowa |  | 105 | New Foundland | |
| 18 | Minnesota |  | 117 | New Mexico | |
| 19 | Nebraska |  | 118 | North Dakota | |
| 20 | William Denver |  | 119 | South Dakota | |
| 21 | Tennessee |  | 120 | Wyoming | |
| 22 | Texas Pride |  | 121 | Idaho | |
| 23 | Community Service Group |  | 122 | Montana | |
| 24 | Louisiana |  | 124 | Georgia | |
| 25 | Verizon West |  | 125 | NorthEast AT&T | |
| 26 | C. F. Sise |  | 126 | Mid Atlantic | |
| 29 | Golden Bear |  | 127 | South | |
| 30 | Washington |  | 131 | NorthEast New Outlook | |
| 31 | Oregon |  | 132 | Penn Jersey New Outlook | |
| 32 | Kentucky |  | 133 | Atlantic Coast New Outlook | |
| 33 | Jasper N. Keller |  | 134 | Southern States New Outlook | |
| 34 | Alabama |  | 135 | Cross Roads New Outlook | |
| 35 | North Carolina |  | 136 | SouthWest New Outlook | |
| 36 | Mississippi |  | 137 | New Frontier New Outlook | |
| 37 | Genesee |  | 138 | Golden Gate | |
| 38 | Agere/Allentown New Outlook |  | 139 | New Jersey | |
| 39 | Florida |  | 140 | Pacific | |
| 41 | Oklahoma |  | 141 | Mountain & Plains | |
| 42 | West Virginia |  | 159 | Alaska | |
| 43 | Old Dominion |  | 501 | Ted Fisher – Redlands | |
| 44 | Maryland |  | 502 | Theodore Garry | |
| 46 | Alberta |  | 503 | Granite State | |
| 49 | Acadia |  | 504 | Holmwood Lorbeer-Pomona | |
| 50 | MTS Pioneers |  | 505 | Addison-Home.Addison | |
| 51 | New Brunswick |  | 506 | S.Monica Bay | |
| 52 | Arkansas |  | 507 | White Mtn.Club | |
| 53 | British Columbia |  | 508 | Norwesco | |
| 55 | MacDonald-Cartier |  | 509 | S.D.Pioneers | |
| 59 | Saskatchewan |  | **599** | **Non Pioneer** | |

***October 21st, 2019***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **55th Annual Telephone Pioneer QSO Party** | | | |
|  | **Chapter List for Phone contacts** | | | |
| Nr | Chapter |  | Nr | Chapter | |
| 1 | Illinois |  | 61 | South Carolina | |
| 2 | Ohio |  | 62 | Kansas | |
| 3 | Broadwing |  | 64 | South Texas | |
| 4 | Wisconsin |  | 66 | Arizona | |
| 5 | Nova Five |  | 67 | Utah | |
| 6 | Liberty Bell |  | 68 | De Anza | |
| 7 | Leonard H. Kinnard |  | 73 | Mont Royal | |
| 8 | Colorado |  | 81 | H. G. McCully-Dnst | |
| 9 | Morris F. Tyler |  | 85 | Paumonok | |
| 10 | Michigan |  | 97 | Empire State | |
| 11 | Missouri |  | 98 | Excelsior | |
| 12 | H. G. McCulley Upstate |  | 99 | Telecordia | |
| 13 | Fort Pitt |  | 100 | Maple Leaf | |
| 14 | Thomas Sherwin |  | 101 | Silver State | |
| 15 | A. G. Bell |  | 102 | Ontario | |
| 16 | Indiana |  | 103 | Quebec | |
| 17 | Iowa |  | 105 | New Foundland | |
| 18 | Minnesota |  | 117 | New Mexico | |
| 19 | Nebraska |  | 118 | North Dakota | |
| 20 | William Denver |  | 119 | South Dakota | |
| 21 | Tennessee |  | 120 | Wyoming | |
| 22 | Texas Pride |  | 121 | Idaho | |
| 23 | Community Service Group |  | 122 | Montana | |
| 24 | Louisiana |  | 124 | Georgia | |
| 25 | Verizon West |  | 125 | NorthEast AT&T | |
| 26 | C. F. Sise |  | 126 | Mid Atlantic | |
| 29 | Golden Bear |  | 127 | South | |
| 30 | Washington |  | 131 | NorthEast New Outlook | |
| 31 | Oregon |  | 132 | Penn Jersey New Outlook | |
| 32 | Kentucky |  | 133 | Atlantic Coast New Outlook | |
| 33 | Jasper N. Keller |  | 134 | Southern States New Outlook | |
| 34 | Alabama |  | 135 | Cross Roads New Outlook | |
| 35 | North Carolina |  | 136 | SouthWest New Outlook | |
| 36 | Mississippi |  | 137 | New Frontier New Outlook | |
| 37 | Genesee |  | 138 | Golden Gate | |
| 38 | Agere/Allentown New Outlook |  | 139 | New Jersey | |
| 39 | Florida |  | 140 | Pacific | |
| 41 | Oklahoma |  | 141 | Mountain & Plains | |
| 42 | West Virginia |  | 159 | Alaska | |
| 43 | Old Dominion |  | 501 | Ted Fisher – Redlands | |
| 44 | Maryland |  | 502 | Theodore Garry | |
| 46 | Alberta |  | 503 | Granite State | |
| 49 | Acadia |  | 504 | Holmwood Lorbeer-Pomona | |
| 50 | MTS Pioneers |  | 505 | Addison-Home.Addison | |
| 51 | New Brunswick |  | 506 | S.Monica Bay | |
| 52 | Arkansas |  | 507 | White Mtn.Club | |
| 53 | British Columbia |  | 508 | Norwesco | |
| 55 | MacDonald-Cartier |  | 509 | S.D.Pioneers | |
| 59 | Saskatchewan |  | **599** | **Non Pioneer** | |

***October 21st, 2019***

George S. Ladd Pioneer Radio Club

**55th Annual Telephone Pioneer QSO Party**

**2019 Summary Sheet**

|  |  |
| --- | --- |
| Call Sign | Name |
| Address | |
| City, State, ZIP | |
| **Email Address** | |

PLEASE CHECK ONE:

|  |  |
| --- | --- |
| Are you participating as a  “Non-Pioneer”? [\_\_\_] | Are you participating as a “Telephone Pioneer”? [\_\_\_]  Chapter \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Chapter No. \_\_\_\_\_\_\_ |

Scoring in the Telephone Pioneer QSO Party is relatively simple:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Digital QSOs:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | X | Digital Chapters:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | = | Digital Points  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| CW QSOs:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | X | CW Chapters:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | = | CW Points  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Phone QSOs:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | X | Phone Chapters:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | = | Phone Points  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Digital+CW+Phone  QSOs:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **x** | Digital+CW+Phone  Chapters:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **=**  **→** | QSO Points    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Bonus Points:** Up to 100 Bonus Points for explaining: *What is a “Telephone Pioneer?”*

*Claimed callsigns:*

1.\_\_\_\_\_\_\_\_\_ 2.\_\_\_\_\_\_\_\_\_\_ 3.\_\_\_\_\_\_\_\_\_\_ 4.\_\_\_\_\_\_\_\_\_\_ 5.\_\_\_\_\_\_\_\_\_

6.\_\_\_\_\_\_\_\_\_ 7.\_\_\_\_\_\_\_\_\_ 8.\_\_\_\_\_\_\_\_\_\_ 9. \_\_\_\_\_\_\_\_\_ 10.\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| *Each callsign is worth ten (10) bonus points, up to 100:* | Bonus Points  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| ***Final Score is (QSO Points + Bonus Points):*** | Final Score  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

***I support the Telephone Pioneer’s goals of fellowship and community service.***

Please answer if you can: **Do you have a Telephone Pioneer radio club in your chapter?**

|  |  |
| --- | --- |
| Yes— Name of your Club | No |
| **Operator Comments:** | |
|  | |
|  | |
|  | |

Send this summary with your logs to:

Jim Muiter, 4233 Wooster Ave., San Mateo, CA 94403 -- or Email [n6tpjim@gmail.com](mailto:n6tpjim@gmail.com)

October 21st, 2019

**55th ANNUAL TELEPHONE PIONEER QSO PARTY**

CHAPTER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_NO\_\_\_\_\_\_

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CALL\_\_\_\_\_\_\_\_

Exchange Sent \_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nr | Date | UTC | Band | Mode | Station | RST | Chapter | Operator |
| 1 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 2 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 3 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 4 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 5 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 6 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 7 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 8 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 9 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 10 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 11 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 12 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 13 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 14 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 15 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 16 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 17 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 18 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 19 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 20 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 21 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 22 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 23 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 24 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 25 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |

October 21st, 2019

**55th ANNUAL TELEPHONE PIONEER QSO PARTY**

CHAPTER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_NO\_\_\_\_\_\_

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CALL\_\_\_\_\_\_\_\_

Exchange Sent \_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nr | Date | UTC | Band | Mode | Station | RST | Chapter | Operator |
| 26 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 27 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 28 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 29 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 30 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 31 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 32 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 33 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 34 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 35 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 36 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 37 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 38 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 39 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 40 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 41 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 42 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 43 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 44 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 45 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 47 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 47 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 48 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 49 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 50 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |

October 21st, 2019

**55th ANNUAL TELEPHONE PIONEER QSO PARTY**

CHAPTER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_NO\_\_\_\_\_\_

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CALL\_\_\_\_\_\_\_\_

Exchange Sent \_\_\_\_\_\_\_\_\_

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| Nr | Date | UTC | Band | Mode | Station | RST | Chapter | Operator |
| 51 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 52 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 53 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 54 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 55 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 56 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 57 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 58 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 59 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 60 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 61 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 62 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 63 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 64 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 65 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 66 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 67 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 68 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 69 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 70 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 71 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 72 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 73 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 74 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 75 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |

October 21st, 2019

**55th ANNUAL TELEPHONE PIONEER QSO PARTY**

CHAPTER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_NO\_\_\_\_\_\_

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CALL\_\_\_\_\_\_\_\_

Exchange Sent \_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nr | Date | UTC | Band | Mode | Station | RST | Chapter | Operator |
| 76 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 77 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 78 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 79 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 80 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 81 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 82 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 83 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 84 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 85 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 86 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 87 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 88 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 89 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 90 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 91 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 92 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 93 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 94 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 95 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 96 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 97 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 98 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 99 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |
| 100 | \_\_\_\_\_\_\_| | \_\_\_\_\_\_| | \_\_\_\_\_| | \_\_\_\_| | \_\_\_\_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_| | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_| |