



# The Hellgate Static

## February 2020



Hellgate Amateur Radio Club  
P.O. Box 3811, Missoula, MT 59806-3811

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### Upcoming Events

To be determined

### Officers:

**President:** Eric Sedgwick, NZ7S  
**Vice-President:** Mike Leary, K7MSO  
**Treasurer:** Dick Walton W7XT  
**Secretary:** Donna Pecastaing, KC5WRA

### Standing Committees:

**Emergency Coordinator:** Jerry Ehli, N7GE  
**QSLs, Awards:** Bob Henderson, N7MSU  
**Webmaster:** Mike Leary, K7MSO  
**Radio License Exams Contact VE:**  
Paul Shuey, N7PAS  
**Static Editor:** Terry Cook, KF7BQ  
Bluetooth\_one@hotmail.com

### Repeater Advisory Committee:

Eric Sedgwick NZ7S (Chair)  
David Herzberg, K7MTD  
Tom Mc Ginley, K7QA  
Tom Hellem, K0SN (Re-elected)  
Paul Shuey, N7PAS (Re-elected)

### February Meeting Program

No formal program scheduled. The ARES program previously scheduled has been moved to the March Meeting.

This issue is abbreviated as the editor is in rehab for a hip replacement.

The HF Committee CW class for interested operators are being held on Tuesday and Friday evenings at 7:00 PM on Two Meters simplex at 146.415 MHz.

## **James E. Brummit N0XPO, Silent Key**

James E. Brummit, N0XPO, 69, of Victor, lost his battle with cancer on Thursday, January 16, 2020.

Jim served as a Sea Bee in the U.S. Navy from 1971 until 1975 where he learned his trade as an electrician and deepened his love for all things radio. After the service he moved back to Colorado and eventually started his 21-year career as a maintenance electrician for Coors Glass.

Jim was an active member of the Bitterroot Amateur Radio Club, serving as President and Vice President many times since 2001. He has also participated with HARC events in past years. He enjoyed horse back riding, camping auctions, symphonies and classic cars.

## **ARRL HF Band Planning Committee Seeks Comments on Recommendations**

From ARRL Newsletter 02/05/2020

The ARRL HF Band Planning Committee is [seeking comments and suggestions](#) from the Amateur Radio community on its [report](#) to the ARRL Board. At the Board's January meeting, the committee presented its [specific recommendations](#) in graphical form for each HF band and each US license class, with the goal of increasing harmony on the HF bands, particularly between CW and digital users.

“In general, the committee is of the opinion that there is justification for additional space to become available for digital modes, as well as for the operation of digital stations under automatic control,” the committee told the Board. “The very changes in spectrum usage that have required our committee's resurgence indicate that digital modes of communication are already increasing in popularity, and the trend is expected to continue or even accelerate. To this end, we have tried to ensure that digital allocations are sufficient for at least a modicum of growth.”

The committee also anticipates an increase in automatically controlled digital stations (ACDS). The report further points to “significant use” of modern data modes in emergency communication and said its recommendations provide significant support for the evolution and continued relevance of amateur radio. “Our failure to adapt to these needs could consign amateur radio to the technological scrap heap,” the report said.

The committee was revived last summer to consider conflicts between FT and JT modes and other modes. The panel's approach has been to designate distinct assignments for CW, narrowband (NB) data <500 Hz, wideband (WB) data <2800 Hz, and ACDS. For its work, the committee presumed approval of three ARRL petitions to the FCC: RM-11708 (WT Docket WT 16-239 — “symbol rate” proceeding), RM-11759 (80/75 meter allocations), and RM-11828 (enhanced Technician privileges). The committee also assumed that users can agree to sharing arrangements within a given allocation — narrowband vs wideband sharing within the ACDS allocation, for example. It also took into consideration how mode usage is regulated or planned elsewhere in the world.

In terms of mode classes, the committee agreed on CW, NB data, WB data, NB with ACDS, and WB with ACDS. The committee said it considered these mode classes incompatible and that they should not have overlapping allocations, with the exception of CW, which is authorized within any amateur radio allocation. The committee's approach would maintain the existing low-end 25-kHz CW-only sub-bands for exclusive use by Amateur Extra class licensees.

The panel encouraged CW identification and a listen-before-transmitting protocol for ACDS, if feasible. It also decided that a single allocation for ACDS without regard to bandwidth would be the best approach. “We note that this will put responsibility on the digital community to hold an effective dialog on the issue and to then self-regulate the users of this segment to adhere to the eventual agreement.” A need for flexibility in allocations is desirable, the committee said, and considered whether allocations might be time-of-day or time-of-week dependent, for example.

“Modern amateurs must expect to adapt to this kind of fluid assignment of spectrum to incompatible uses, using time-based sharing, rather than only a single assignment,” the committee said, expressing the hope that as band plan/sharing agreements are reached that they consider the advantage of “non-simultaneous sharing possibilities.

Reiterating the position ARRL has taken in recent FCC filings, the committee said it sees encryption and open-source as enforcement matters as being outside the scope of the Band Planning Committee.

The Committee would like [comments](#) by **February 19**.

## **Tentative January Meeting Minutes**

**Members Present:** Mike K7MSO, Eric NZ7S, Rich N7QNZ, Dick W7XT, Bryce AF7RQ, Paul N7PAS, Tom K7QA, Tom K7SN, Larry N7GIS, Jackie KC7RBC, Terry KF7BQ

**Approval of November Meeting Minutes:** Moved by Tom K7SN Seconded by Paul N7PAS, approved

**Approval of December Meeting Minutes:** Moved by Tom K7SN Seconded by Paul N7PAS, approved

**Nomination of Treasurer:** Dick Walton W7XT

**Treasurer Report:** From Dave, for November 2019, read by Mike K7MSO, Balance of \$8222.22 as of the end of October, 2019. Approval moved by Paul N7PAS, Seconded by Tom K7SN, approved.

**Repeater Committee Report:** Discussion of moving the 146.80 repeater to Lolo Pass. The repeater committee is in favor of the move.

**HF Committee Report:** Dick, W7XT requested that the HF Committee be listed on the HARC website along with phone numbers. W7XT 241-6385 and K7QA 830-6360.

### **Additional Discussion:**

(1) CW class and practice: Interested operators should sign up. Dick W7XT will be arranging a time and date that will be announced.

(2) Possibility of HF Committee taking club surplus equipment to Seaside, to sell. No decision was made. There was also some discussion about the club purchasing a new generator, better suited to our needs.

Dick W7XT made a motion that we authorize Tom K7QA to purchase a generator with club funds not to exceed \$500. Seconded by Bryce AF7RQ. The motion passed.

(3) A motion was made by Bryce AF7RQ for us to plan to return to the Eagles Club for our 2020 Christmas dinner/meeting. Seconded by TomK7SN. The motion passed.

(4) Some discussion of 2020 public service events. Sign up sheets and more information at the next meeting.

**New Business:**

(1) Discussion about ARES activation in the Missoula area. Bryce AF7RQ will report at the February meeting.

(2) Richie K7QNZ, reported that Jim Brummit, N0XPO was having significant health issues. He has been active in the past with HARC activities. Please keep him in your thoughts and prayers.

**Wednesday night VHF net control assignments:**

- 15 Jan. Eric NZ7S
- 22 Jan. Mike K7MSO
- 29 Jan.
- 2 Feb. Donna KC5WRA

**Next Meeting:** Monday February 10<sup>th</sup>.

**2019 HARC Wensday night net Participation**

|                |          |   |   |   |   |   |   |   |   |   |   |   | Net called by Suffix   |                      |                |          |
|----------------|----------|---|---|---|---|---|---|---|---|---|---|---|------------------------|----------------------|----------------|----------|
| Month/Year:    | XXX/2019 |   |   |   |   |   |   |   |   |   |   |   | Location: Missoula, MT |                      |                |          |
| Date:          | J        | F | M | A | M | J | J | A | S | O | N | D | YR                     |                      |                |          |
| Operator Name: |          |   |   |   |   |   |   |   |   |   |   |   | Updated: 23 JAN 2020   |                      |                |          |
| Start Time     |          |   |   |   |   |   |   |   |   |   |   |   |                        |                      |                |          |
| CALL Suffix    |          |   |   |   |   |   |   |   |   |   |   |   | NAME                   | CITY                 |                |          |
| <b>A</b>       | NN8A     |   |   |   |   |   |   |   |   |   |   |   | 0                      | Byron Van Alstein    | Helena         |          |
|                | AE7AB    |   |   |   |   |   |   |   |   |   |   |   | 0                      | Steve Leavitt        | Kalispell      |          |
|                | KF7AGO   |   |   |   |   |   |   |   |   |   |   |   | 0                      | James Russell        | Marion         |          |
|                | W7ALT    |   |   |   |   |   |   |   |   |   |   | 1 | 1                      | Jim Hamilton         | Whitefish      |          |
|                | AD7AN    |   |   |   |   |   |   |   |   |   |   |   | 0                      | Tim Gordish          | Ronan          |          |
|                | N7ANU    |   |   |   |   |   |   |   |   |   |   |   | 0                      | Chris Holliday       | Missoula       |          |
|                | W7AQA    |   |   |   |   |   |   |   |   |   |   |   | 0                      | Ronald Pifer         | Stevensville   |          |
|                | K7ASV    |   |   |   |   |   |   |   |   |   |   |   | 0                      | Harold Stanton       | Conner         |          |
|                | KE7ATB   |   |   |   |   |   |   |   |   |   |   |   | 0                      | John Hancock         | Missoula       |          |
|                | KJ7AVR   |   |   |   |   |   |   |   |   |   |   |   | 0                      | Dennis Toavs         | Columbia Falls |          |
|                |          |   |   |   |   |   |   |   |   |   |   |   | 0                      |                      |                |          |
| <b>B</b>       | KG7BDD   | 2 | 1 | 1 |   |   |   |   |   |   |   |   | 4                      | Peter Kearns         | Missoula       |          |
|                | AB7BE    |   |   |   |   |   |   |   |   |   |   |   | 0                      | Robert (Bob) Jackson | Hot Springs    |          |
|                | KB1BED   |   |   |   |   |   |   |   |   |   |   |   | 0                      | David Hooper         | Missoula       |          |
|                | KG7BFT   |   |   |   |   |   |   |   |   |   |   |   | 0                      | Zac Scott            | Missoula       |          |
|                | KD7BIG   |   |   |   |   |   |   |   |   |   |   |   | 0                      | Bill McGuire         | Missoula       |          |
|                | KE7BPU   |   |   |   |   |   |   |   |   |   |   |   | 0                      | Wayne Weber          | Missoula       |          |
|                | KE7BPX   |   |   |   |   |   |   |   |   |   |   |   | 0                      | Kevin Stevens        | Potomac        |          |
|                | KD7BQ    |   |   |   |   |   |   |   |   |   |   |   | 0                      | William Murray       | Missoula       |          |
|                | KF7BQ    |   | 1 | 3 | 3 | 2 | 3 | 5 | 4 | 4 | 5 | 2 | 3                      | 35                   | Terry Cook     | Missoula |
|                | KI7BUM   |   |   |   |   |   |   |   |   |   |   |   | 0                      | John Updegraff       |                |          |
|                |          |   |   |   |   |   |   |   |   |   |   |   | 0                      |                      |                |          |

|          |     |     |   |   |   |   |   |   |   |   |   |   |   |   |                      |                 |              |
|----------|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|-----------------|--------------|
| <b>C</b> | KJ7 | CBJ |   |   |   |   |   |   |   |   |   |   |   | 0 | Paul Wisniewski      | Missoula        |              |
|          | KF7 | CBY |   |   |   |   | 1 |   |   |   | 2 | 3 | 2 | 8 | Andy Commons         | Missoula        |              |
|          | KD7 | CCA |   |   |   |   |   |   |   |   |   |   |   | 0 | KC Laflesch          | Missoula        |              |
|          | KF7 | CLH |   |   |   |   |   |   |   |   |   |   |   | 0 | Scott Hanson         | Marion          |              |
|          | N7  | CMJ |   |   |   |   |   |   |   |   |   |   |   | 0 | Les Richard          | Kalispell       |              |
|          | KF7 | COH |   |   |   |   |   |   |   |   |   |   |   | 0 | Dianne Wildey        | Stevensville    |              |
|          | KF7 | COM | 1 | 1 |   | 1 |   |   |   |   |   |   |   | 3 | Ed Brenneman         | Corvallis       |              |
|          | KI7 | CPK |   |   |   |   |   |   |   |   |   |   |   | 0 | David Heath Campbell |                 |              |
|          | KI7 | CPL |   |   |   |   |   |   |   |   |   |   |   | 0 | Chris Treichal       |                 |              |
|          | KI7 | CPP |   |   |   |   |   |   |   |   |   |   |   | 0 | Trinceton Brown      | Ronan           |              |
|          | KI7 | CPR |   |   |   |   |   |   |   |   |   |   |   | 0 | Don New              | Bonner          |              |
|          | KI7 | CPV |   |   |   |   |   |   |   |   |   |   |   | 0 | Larry Tarver         | Bonner          |              |
|          | KI7 | CPW |   |   |   |   |   |   |   |   |   |   |   | 0 | Dave Heilesen        | Missoula        |              |
|          | KI7 | CPX |   |   |   |   |   |   |   |   |   |   |   | 0 | Dave Williams        |                 |              |
|          | KJ6 | CQC |   |   |   |   |   |   |   |   |   |   |   | 0 | Dean McCollum        |                 |              |
|          | KE4 | CRG |   |   |   |   |   |   |   |   |   | 1 |   | 1 | Steve Saunders       | Missoula        |              |
|          | KI7 | CTS |   |   |   |   |   |   |   |   |   |   |   | 0 | David Holder         | Missoula        |              |
|          | AB0 | CY  |   |   |   |   |   |   |   |   |   |   |   | 0 | Russ Westberg        | Missoula        |              |
|          | N5  | CY  |   |   |   |   |   |   |   |   |   |   |   | 0 | Jim Hofmann          | Missoula        |              |
|          |     |     |   |   |   |   |   |   |   |   |   |   |   | 0 |                      |                 |              |
| <b>D</b> | K7  | DDE | 4 | 4 | 4 | 3 | 3 | 3 | 3 |   | 3 | 5 | 3 | 3 | 38                   | Dallas Erickson | Stevensville |
|          | KD7 | DER |   |   |   |   |   |   |   |   |   |   |   | 0 | Mike Reid            | Missoula        |              |
|          | W7  | DGR |   |   |   |   |   |   |   |   |   |   |   | 0 | Dusty Renolds        |                 |              |
|          | N7  | DLP | 5 | 2 | 2 | 2 | 3 | 3 | 3 | 1 |   | 3 | 4 | 3 | 31                   | Dean Pond       | Missoula     |
|          | KD7 | DSU |   |   |   |   |   |   |   |   |   |   |   | 0 | Dave Placer          | Lakeside        |              |
|          | KD7 | DSW |   |   |   |   |   |   |   |   |   |   |   | 0 | Brady Miller         | Corvallis       |              |
|          | N7  | DWB | 1 |   |   |   |   |   |   |   | 1 |   |   | 2 | Dan Boldra           | Frenchtown      |              |
|          | N7  | DXT |   |   |   |   |   |   |   |   |   |   |   | 0 | Gary Watson          | Missoula        |              |
|          |     |     |   |   |   |   |   |   |   |   |   |   |   | 0 |                      |                 |              |
|          |     |     |   |   |   |   |   |   |   |   |   |   |   | 0 |                      |                 |              |
| <b>E</b> | KF7 | ECS |   |   |   |   |   |   |   |   |   |   |   | 0 | Betsy Gleason        | Missoula        |              |
|          | KF7 | ELB |   |   |   |   |   |   |   |   |   |   |   | 0 | Scott                | Missoula        |              |
|          | KD7 | ELK |   |   |   |   |   |   |   |   |   |   |   | 0 | Mike Belcourt Jr.    | Missoula        |              |
|          | KJ7 | EP  |   |   |   |   |   |   |   |   |   |   |   | 0 | Wayne Salsbery       | Ronan           |              |
|          | W7  | ERV |   |   |   |   |   |   |   |   |   |   |   | 0 | Erv Davis            | Charlo          |              |
|          | AK1 | ES  |   |   |   |   |   |   |   |   |   |   |   | 0 | Michael Bloom        | Missoula        |              |
|          | KC5 | EV  |   |   |   |   |   |   |   |   |   |   |   | 0 | Albert Leo Delaney   | Albertson       |              |
|          | W7  | EVL |   |   |   |   |   |   |   |   |   |   |   | 0 | Eric Lathrop         | Stevensville    |              |
|          |     |     |   |   |   |   |   |   |   |   |   |   |   | 0 |                      |                 |              |
| <b>F</b> | KD7 | FDC |   |   |   |   |   |   |   |   |   |   |   | 0 | Pete Skarstedt       | Whitefish       |              |
|          | AG7 | FH  |   |   |   |   | 3 |   | 1 | 1 | 3 | 1 | 4 | 1 | 14                   | Joe Geldrich    | Missoula     |
|          | KE7 | FKZ |   |   |   |   |   |   |   |   |   |   |   | 0 | Dana W Price         | Missoula        |              |
|          | N7  | FMW |   |   |   |   |   |   |   |   |   |   |   | 0 | Ruth Scott           | Missoula        |              |
|          | KE7 | FRE |   |   |   |   |   |   |   |   |   |   |   | 0 | R Gibb March         |                 |              |
|          | KJ7 | FON |   |   |   |   | 2 |   |   |   |   | 1 |   | 3 | Wyatt Sedgweck       | Missoula        |              |
|          |     |     |   |   |   |   |   |   |   |   |   |   |   | 0 |                      |                 |              |
| <b>G</b> | N7  | GE  |   |   |   | 1 |   |   |   |   |   |   |   | 1 | Jerry Ehli           | Missoula        |              |
|          | W7  | GET |   |   |   |   |   |   |   |   |   |   |   | 0 | Garrett Trawick      | Plains          |              |
|          | K7  | GIS |   |   |   |   |   |   |   |   |   |   |   | 0 | Larry Stipe          | Missoula        |              |
|          | AC7 | GM  |   |   |   |   |   |   |   |   |   |   |   | 0 | Jerry Lacy           | Thompson Falls  |              |
|          | KG7 | GOJ |   |   |   |   |   |   |   |   |   |   |   | 0 | Tim Streets          | Missoula        |              |
|          | KG7 | GOL |   |   |   |   |   |   |   |   |   |   |   | 0 | Shauna Reid          | Missoula        |              |
|          | KG7 | GON |   |   |   |   |   |   |   |   |   |   |   | 0 | Chuck Hayes          | Missoula        |              |
|          | KG7 | GOM |   |   |   |   |   |   |   |   |   |   |   | 0 | Steve Hug            | Missoula        |              |
|          | KE7 | GPR |   |   |   |   |   | 1 |   |   |   |   |   | 1 | Missie Dunlap        | Conner          |              |
|          | K2  | GQJ |   |   |   |   |   |   |   |   |   |   |   | 0 | Tom Stock            | Alberton        |              |
|          | K9  | GT  |   |   |   |   |   |   |   |   |   |   |   | 0 | Ted Dunlap           | Conner          |              |
|          | KC0 | GUO |   |   |   |   |   |   |   |   |   |   |   | 0 | Rob Greenblatt       | Missoula        |              |
|          | KF7 | GZR | 5 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | 4 | 3 | 34                   | Sandra Pond     | Missoula     |

|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   |    |                        |                   |
|---|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|----|------------------------|-------------------|
| H | KD7 | HP  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Billie Jean French     | Stevensville      |
|   | KF7 | HRI |   |   |   |   |   |   |   |   |   |   |   |   | 0  | John Maranaccio        | Kalispell         |
|   | AD7 | HU  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Ben Sharon             | Thompson Falls    |
|   | KJ7 | HUZ |   |   |   |   |   |   | 2 |   |   |   |   |   | 2  | Matt Witzel            | Missoula          |
|   | KD7 | HWV |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Jack Brooks            | Stevensville      |
|   | KI7 | HVG | 1 | 1 | 1 |   | 3 | 2 |   |   |   |   | 1 |   | 9  | Robert Grayson         | Stevensville      |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
| I | KI7 | IJP | 1 |   |   |   |   |   |   |   |   |   |   |   | 1  | Michael (Mike) Standon | Columbia Falls    |
|   | KI7 | IJQ |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Corey Kamarainen       | Ronan             |
|   | KC7 | ILD | 1 |   |   |   | 1 |   |   |   |   |   |   |   | 2  | Joseph Larmi           | Missoula          |
|   | K7  | IMZ |   |   |   |   |   |   |   |   | 2 | 2 | 1 |   | 5  | Jerry Nelson           | Missoula          |
|   | W7  | IPB |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Bob Williams           | Lakeside          |
|   | KJ7 | IZ  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Don Ross               | Kalispell         |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
| J | KQ7 | J   |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Wayne Hills            | Missoula          |
|   | K1  | JAL |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Jason Lindsay          | Missoula          |
|   | K7  | JBB |   |   |   |   |   |   |   |   |   |   |   |   | 0  | John Barker            | Victor            |
|   | KF7 | JCP |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Andrew                 | Missoula          |
|   | N7  | JGS | 5 | 4 | 4 | 4 | 1 | 1 | 5 | 4 | 4 | 5 | 4 | 4 | 45 | Jerri Shuey            | Missoula          |
|   | KC2 | JMN |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
|   | KC7 | JPE |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Stuart Pickens         | Missoula          |
|   | AF7 | JU  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Tyler Lankford         | Missoula          |
|   | KE7 | JUT |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Dan Bradford           | Missoula          |
|   | WA7 | JLR |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
| K | KF7 | KEE |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Magie Lough            | Missoula          |
|   | KG7 | KGE |   |   |   |   |   |   |   |   |   | 1 |   |   | 1  | Benjamin Louie Barnett | Columbia Falls (S |
|   | W1  | KGK |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Kevin Kerr             | Missoula          |
|   | KE7 | KNE |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Russ Parrett           | Columbia Falls    |
|   | N7  | KOA |   |   | 1 | 2 | 1 |   |   |   | 1 | 3 | 2 | 2 | 12 | Steve Marshall         | Missoula          |
|   | K7  | KTR |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Keith Rodgers          | Dixon             |
|   | KE7 | KUA |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Kelly Ferguson         | Columbia Falls    |
|   | K6  | KUS |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Larry Ellsworth        | Columbia Falls    |
|   | KI7 | KYM |   |   |   |   | 2 |   |   |   |   |   |   |   | 2  | Randy Turner           | Stevensville      |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                        |                   |
| L | KF7 | LCC | 1 |   |   |   |   |   |   |   |   |   |   |   | 1  | Mike Fell              | Superior          |
|   | KI7 | LEX | 3 | 1 | 3 | 2 |   |   |   |   |   |   |   |   | 9  | Bill Campbell          | Conner            |
|   | KE7 | LGL |   |   |   |   |   |   |   |   |   |   |   |   | 0  | George Lund            | Kalispell         |
|   | KE7 | LJE |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Bryan Brown            | Charlo            |
|   | KE7 | LJG |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Shawn Diehl            | Frenchtown        |
|   | KE7 | LJH |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Brian Gillespie        | Frenchtown        |
|   | KE7 | LJK |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Alan Rouckhorst        | Missoula          |
|   | K6  | LLY |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Kelly Foster           | Missoula          |
|   | KI7 | LMV |   | 1 | 2 |   | 2 |   |   |   |   |   |   |   | 5  | Bryce Rowe             | Missoula          |
|   | KE7 | LRG |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Garth Stevenson        | Stevensville      |
|   | N7  | LT  |   |   |   |   |   |   |   |   | 1 |   |   |   | 1  | Lyndel Thiesen         | Kalispell         |
|   | AD7 | LW  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Larry Manning          | Frenchtown        |
|   | KE7 | LZF |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Paul Wadsworth         | St. Ignatius      |

|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   |    |                       |                   |
|---|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|----|-----------------------|-------------------|
| M | N7  | MAN |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Bryan Rafferty        | Missoula          |
|   | K7  | MEA |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Keith S Ball          | Hauser, ID        |
|   | K8  | MEU |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Joe Mata              | Huson             |
|   | AE7 | MH  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Mike Henry            |                   |
|   | KE7 | MH  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Chris Hart            | Missoula          |
|   | KA7 | MHP |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Dale Osborne          | Billings          |
|   | KC7 | MRQ |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Cory Badgley          | Ronan             |
|   | K7  | MSO |   |   |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   | 7  | Mike Leary            | Missoula          |
|   | WA7 | MT  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | John T. Nixon         |                   |
|   | K7  | MTD | 5 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 5 | 2 |   | 39 | David Herzberg        | Missoula          |
|   | K7  | MTJ |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Jack Piippo           | Seeley Lake       |
|   | N7  | MWM |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Jack Randolph         | Potomac           |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                       |                   |
| N | N7  | NHS |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Maurice Austin        | Missoula          |
|   | KE7 | NJK |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Lawrence Brooker      | Missoula (Victor) |
|   | KJ7 | NL  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Walter Bradford       | Missoula          |
|   | KE7 | NSX |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Scott B Freah         | Marion/KAL        |
|   | AE7 | NW  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Norman Wade           |                   |
|   | KG7 | NXN |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Megan Hubbell         | Missoula          |
|   | KC7 | NYE |   |   | 1 |   |   |   |   |   |   |   |   |   | 1  | James Olson           | Missoula          |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                       |                   |
| O | AE7 | OD  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Jeff (Merrill Cherry) | Corvallis         |
|   | WB7 | OSG |   |   |   |   |   |   |   | 1 | 2 |   |   |   | 3  | John Rittenmayer      | Missoula          |
|   | KH6 | OZ  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | George Baxter         | St. Ignatius      |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                       |                   |
| P | W7  | PAQ |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Frank Kisselbach      | Missoula          |
|   | N7  | PAS | 5 | 4 | 4 | 4 | 1 | 1 | 5 | 4 | 4 | 5 | 4 | 4 | 45 | Paul Shuey            | Missoula          |
|   | KE7 | PEH |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Patricia Joubert      | Missoula          |
|   | KE7 | PEI |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Mark Skeels           | Missoula          |
|   | KJ7 | PM  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Tom Flink             | Stevensville      |
|   | N7  | PMS |   |   |   |   |   |   |   |   |   |   |   | 3 | 3  | Mike Standon          | Columbia Falls    |
|   | KD7 | POZ |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Ken Hughes            |                   |
|   | N7  | PPP |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Dan McCoy             | Missoula          |
|   | KB7 | PSJ |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Richard Liles         | Deer Lodge        |
|   | KD0 | PUI | 2 | 1 | 2 |   | 1 |   |   | 2 |   | 1 | 1 |   | 10 | James (Jim) B French  | Whitefish         |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                       |                   |
| Q | K7  | QA  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Tom Mc Ginley         | Missoula          |
|   | KJ7 | QA  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Richard Lindeman      | Columbia Falls    |
|   | KT7 | QA  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Glen Meacham          | Missoula          |
|   | KF7 | QEC |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Conner MacLeod        | Missoula          |
|   | K7  | QNZ | 2 | 1 | 2 | 4 | 5 | 4 | 5 | 1 | 3 | 4 | 4 | 4 | 39 | Rich Kingdon          | Missoula          |
|   | KB7 | QQ  | 2 |   |   |   |   |   |   |   |   |   |   |   | 2  | Jerry Reynolds        | Lolo              |
|   | KF7 | QYV |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Craig Messerman       | Missoula          |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                       |                   |
| R | KC7 | RBC |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Jacquelyn Harrington  | Missoula          |
|   | KL0 | RN  |   |   |   |   |   |   |   |   |   |   |   |   | 0  | Cody Moore            | Missoula          |
|   | AF7 | RQ  | 2 |   | 1 |   |   |   |   |   |   |   |   |   | 3  | Bryce Nordgren        | Alberton          |
|   | KD7 | RQQ | 1 |   |   |   |   |   |   |   |   |   |   |   | 1  | Rudi Mauldin          | Seeley Lake       |
|   |     |     |   |   |   |   |   |   |   |   |   |   |   |   | 0  |                       |                   |

|          |     |     |    |    |    |    |    |    |    |    |    |    |    |     |                    |                       |                |
|----------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-----|--------------------|-----------------------|----------------|
| S        | NZ7 | S   | 5  | 4  | 1  | 2  | 5  | 3  | 3  | 3  | 3  | 4  | 1  | 34  | Eric Sedgwick      | Missoula              |                |
|          | KE7 | SFN |    |    |    |    |    |    |    |    |    |    |    | 0   | Jeff Dege          | Missoula              |                |
|          | N7  | STI |    |    |    |    |    |    |    |    |    |    |    | 0   | Bill Davis         | Missoula              |                |
|          | N7  | STM |    |    |    |    |    |    |    |    |    |    |    | 0   | Jerry Willis       | Missoula              |                |
|          | K7  | SWS |    |    |    |    |    |    |    |    |    | 1  | 3  | 4   | Steve              | Hamilton              |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| T        | K7  | TAZ |    |    |    |    |    |    |    |    |    |    |    | 0   | Martin Klein       | Rocker                |                |
|          | KI7 | THQ |    |    | 4  | 2  | 2  | 2  | 1  | 1  | 2  | 4  | 1  | 1   | 20                 | Ernie Wicks           | Hamilton       |
|          | AF6 | TS  |    |    |    |    |    |    |    |    |    |    |    | 0   | Tyrel D Carver     |                       |                |
|          | WA7 | TS  |    |    |    |    |    |    |    |    |    |    |    | 0   | Tim Stearns        | Frenchtown            |                |
|          | KD7 | TUE |    |    |    |    |    |    |    |    |    |    |    | 0   | JC Jackson         | Victor                |                |
|          | KD7 | TUF |    |    |    |    |    |    |    |    |    |    |    | 0   | Eilleen Jackson    | Victor                |                |
|          | KE7 | TVA |    |    |    |    |    |    |    |    |    |    |    | 0   | John McQuaid (Mac) | Corvallis             |                |
|          | W7  | TYY |    |    |    |    |    |    |    |    |    |    |    | 0   | Ty Marbut          | Missoula              |                |
|          | WA7 | TZP | 3  | 1  | 1  | 1  |    |    |    |    |    |    |    | 6   | Bob Lankston       | Missoula              |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| U        | N7  | UHL |    |    |    |    |    |    |    |    |    |    |    | 0   | Clint Prueitt      | Kalispell             |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| V        | KD7 | VBS |    |    |    |    |    |    |    |    |    |    |    | 0   | Scott Slack        | Kalispell             |                |
|          | K7  | VK  |    |    |    |    |    |    |    |    |    |    |    | 0   | Vick Applegate     | Missoula              |                |
|          | N7  | VLC |    |    |    |    |    |    |    |    |    |    |    | 0   | Ron Wachsmuth      | Plains                |                |
|          | WA7 | VNP |    |    |    |    |    |    |    |    |    |    |    | 0   | Jon Carter         | Whitefish             |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| W        | WA7 | W   |    |    |    |    |    |    |    |    |    |    |    | 0   | Morris Campbell    | Helena                |                |
|          | NL7 | WB  |    |    |    |    |    |    |    |    |    |    |    | 0   | Greg Lee           | Missoula              |                |
|          | N7  | WKR |    |    |    |    |    |    |    |    |    |    |    | 0   | Mike Boxell        | Missoula              |                |
|          | KC5 | WRA | 1  | 1  | 1  | 1  | 3  | 3  | 1  | 1  | 3  | 3  | 1  | 3   | 22                 | Donna Pecastaing      | Bonner         |
|          | K7  | WJP |    |    |    |    | 2  | 1  | 1  | 4  | 2  | 3  | 3  | 2   | 18                 | Walt Pippo            | Drummond       |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| X        | N7  | XC  |    |    |    |    |    |    |    |    |    |    |    | 0   | Doug Budny         | E. Missoula           |                |
|          | N7  | XLB | 5  | 4  | 2  | 4  | 5  | 4  | 5  | 3  | 4  | 3  | 3  | 4   | 46                 | Dale Carson           | Missoula       |
|          | N0  | XPO | 2  | 1  |    | 1  | 2  | 2  |    | 1  |    |    |    | 9   | Jim Brummit        | Victor                |                |
|          | W7  | XT  | 1  | 2  | 1  |    |    |    |    |    |    |    |    | 4   | Dick Walton        | Missoula              |                |
|          | KJ7 | XU  |    |    |    |    |    |    |    |    |    |    |    | 0   | Bob Bowman         | Missoula              |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| Y        | KC0 | YIJ |    |    |    |    |    |    |    |    |    |    |    | 0   | Mike Louis         |                       |                |
|          | W4  | YMA | 2  | 1  |    | 1  | 3  | 3  | 4  | 3  | 4  | 2  | 1  | 4   | 28                 | Bill Farrell          | Missoula       |
|          | WA7 | YUH |    |    |    |    |    |    |    |    |    |    |    | 0   | Ed DuBois          | St. Ignatius          |                |
|          | WA7 | YUI |    |    |    |    |    |    |    |    |    |    |    | 0   | Betty DuBois       | St. Ignatius          |                |
|          | WA7 | YYB | 4  |    |    |    |    |    |    |    |    |    |    | 4   | Chuck Weihe        | Missoula              |                |
|          | WA7 | TZP |    |    |    |    |    |    |    |    |    |    |    | 0   | Bob Lankston       | Missoula              |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| Z        | KJ7 | Z   |    |    |    |    |    |    |    |    |    |    |    | 0   | Phil Barnett       | Stevensville          |                |
|          | WV7 | Z   |    |    |    |    |    |    |    |    |    |    |    | 0   | Mike Day           | Missoula              |                |
|          | KI7 | ZDY |    |    |    |    |    |    |    |    |    |    |    | 0   | Jeremy Houk        | Polson                |                |
|          | KF7 | ZEC |    |    |    |    |    | 1  |    |    |    |    |    | 1   | Ted Dunlap         | Conner                |                |
|          | KG7 | ZGE | 1  |    | 4  | 1  | 3  | 2  | 3  | 3  | 3  | 1  | 1  | 1   | 23                 | Louie (Richard Lewis) | Columbia Falls |
|          | KG7 | ZNE |    |    |    |    |    |    |    |    |    |    |    | 0   | Lynn Fullerton     | Moiese                |                |
|          | KG7 | ZNG |    | 2  | 1  | 1  |    |    |    |    |    |    |    | 4   | Kent Fullerton     | Moiese                |                |
|          | KC7 | ZO  |    |    |    |    |    |    |    |    |    |    |    | 0   | Daniel Guthrie     | Stevensville          |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 0   |                    |                       |                |
| Visitors |     |     |    |    | 1  | 1  | 2  |    |    | 1  | 3  | 1  |    | 9   |                    |                       |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    | 656 |                    |                       |                |
|          |     |     |    |    |    |    |    |    |    |    |    |    |    |     |                    |                       |                |
|          |     | SUM | 73 | 43 | 53 | 46 | 65 | 47 | 55 | 43 | 57 | 71 | 51 | 52  | 656                | MonthlyYR Total       |                |