

**NDB LIST CLE No. 211 385 - 399.9 kHz 23 - 26 Sept 2016, midday-midday local time**

**COMBINED RESULTS  
REST OF THE WORLD**

For overall statistics, please see the covering email.

**Reporters:**

|     |    |    |  |
|-----|----|----|--|
| AUS | TA | et | Edgar Twining, Moonah                          |
| CAN | BC | bt | Brian Butler, Hazelton                         |
| CAN | BC | sm | Steve McDonald, Mayne Island                   |
| CAN | NS | vm | Vernon Matheson, Truro                         |
| CAN | QC | ky | Richard Katezansky, Montreal                   |
| HWA |    | mx | Mike Tuggle, Kaneohe, Hawaii                   |
| TWN |    | hf | Hans Fong, Daxi                                |
| USA | AZ | bc | Bob Coomler, Tucson                            |
| USA | AZ | di | Dave Hollander, Phoenix, Arizona               |
| USA | AZ | sr | Steve Ratzlaff, Near Sahuarita, SE Arizona     |
| USA | CA | dn | Don Tomkinson, Upland                          |
| USA | CA | pa | Phil Atchley, Merced, Central California       |
| USA | CO | ac | Anthony Casorso, Westminster                   |
| USA | FL | cg | Craig Cook, Oviedo                             |
| USA | IL | dt | Dave Tomasko, Galena                           |
| USA | IL | fy | Joe Farley, Downers Grove                      |
| USA | MN | gs | George Sherman, Apple Valley                   |
| USA | MO | dp | Dick Palmer, Foristell                         |
| USA | NH | jc | John Collins, Charlestown                      |
| USA | NJ | ge | George Muha, Cream Ridge                       |
| USA | NJ | rs | Bill Riches, Cape May                          |
| USA | TX | ch | Chuck Dobbins, Alpine                          |
| USA | TX | du | Douglas Springfield, New Chapel Hill, NE Texas |
| USA | UT | mu | Mark Moulding, Ogden, Northern UT              |
| USA | WA | so | Steven O'Kelley, The Dungeon, Nr Seattle       |

For full details, please see the individual reporters' logs,  
as previously posted by them to the List.

If you spot an omission or problem in your own details below  
please let me know ( ndbcle'at'gmail.com

- replace the 'at' by an '@' symbol)

**BEACONS HEARD:**

**Beacons are shown in kHz order within each Country and State/Province**

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 06 indicates logged between 06:00-06:59 UTC)

Any Offshore NDBs and UNIDs appear at the end of the list.

| Cou | St | kHz | Call | Location               | AUS TA et | CAN BC bt | CAN BC sm | CAN NS vm | CAN QC ky | HWA mx | TWN hf | USA AZ bc | USA AZ dl | USA AZ sr | USA CA dn | USA CA pa | USA CO ac | USA FL cg | USA IL dt | USA IL fy | USA MN gs | USA MO dp | USA NH jc | USA NJ ge | USA NJ rs | USA TX ch | USA TX du | USA UT mu | USA WA so |
|-----|----|-----|------|------------------------|-----------|-----------|-----------|-----------|-----------|--------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ALS | -  | 385 | EHM  | Cape Newenham          |           | 06        | 13        |           |           | 07     |        |           |           | 12        |           | 12        |           |           |           |           |           |           |           |           |           |           |           |           |           |
| ALS | -  | 385 | OCC  | Yakutat Ocean Cape     |           | 06        | 13        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| ALS | -  | 390 | AES  | Northway Nabesna       |           | 06        | 06        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| ALS | -  | 390 | HBT  | Sand Point             |           | 06        | 06        |           |           | 07     |        |           |           | 12        | 08        | 12        |           |           |           |           |           |           |           |           |           |           |           |           | 07        |
| ALS | -  | 391 | EEF  | Sisters Is.            |           | 03        | 13        |           |           |        |        |           | 12        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 09        |
| ALS | -  | 393 | TOG  | Togiak Village         |           |           | 09        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| ALS | -  | 394 | RWO  | Kodiak Woody Is        |           | 07        | 13        |           |           | 07     |        |           |           | 12        |           | 12        |           |           |           |           |           |           |           |           |           |           |           |           | 08        |
| ALS | -  | 396 | CMJ  | Ketchikan Clam Cove    |           | 03        | 13        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| ALS | -  | 399 | SRI  | St George Is.          |           |           | 13        |           |           | 12     |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 386 | QDI  | Quirindi               | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 389 | BKE  | Bourke                 | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 389 | GFN  | Grafton                | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 392 | MOR  | Moree                  | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 395 | CBA  | Cobar                  | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 395 | MER  | Merimbula              | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 395 | PMQ  | Port Macquarie         | 10        |           |           |           |           | 14     |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | NW | 398 | MDG  | Mudgee                 | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | QD | 392 | LHR  | Lockhart River         | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | QD | 398 | BOU  | Boulia                 | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | SA | 389 | PLC  | Port Lincoln           | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | VI | 398 | MB   | Melbourne Moorabbin    | 10        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | WE | 386 | BLN  | Busseton               | 11        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| AUS | WE | 396 | LM   | Learmonth              | 11        |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| CAN | AB | 388 | JW   | Pigeon Jumping Pnd Crk |           | 03        | 09        |           |           |        |        |           |           |           | 07        | 03        | 08        |           |           | 11        |           | 05        | 10        |           |           |           | 08        | 11        | 02        |
| CAN | AB | 388 | MM   | Fort McMurray          |           |           | 06        |           |           |        |        |           | 05        |           |           | 05        |           |           |           |           |           |           |           |           |           | 10        |           |           | 07        |
| CAN | AB | 398 | YOD  | Cold Lake              |           | 07        | 08        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 07        |
| CAN | BC | 385 | WL   | Williams Lake          |           | 02        | 06        |           |           | 05     |        | 05        | 11        | 05        | 03        | 03        | 08        |           |           | 10        | 07        | 05        | 09        |           |           | 09        | 08        | 03        | 02        |
| CAN | BC | 389 | YWB  | Kelowna                |           | 02        | 06        |           |           |        |        |           |           | 05        | 04        | 03        | 08        |           |           | 10        | 07        |           | 09        |           |           | 10        | 08        | 03        | 02        |
| CAN | BC | 391 | TK   | Telkwa Smithers        |           | 02        | 06        |           |           |        |        |           |           |           |           | 04        |           |           |           |           |           |           |           |           |           |           |           |           | 07        |
| CAN | BC | 394 | DQ   | Dawson Creek           |           | 02        | 08        |           |           | 07     |        |           |           | 12        | 05        | 04        | 09        |           |           |           |           |           |           |           |           |           | 08        |           | 02        |
| CAN | MB | 386 | 4N   | Oxford House           |           |           | 06        |           |           |        |        |           |           |           |           |           |           |           | 01        | 08        |           | 09        |           |           |           |           | 09        |           |           |
| CAN | MB | 391 | 4W   | Kelsey                 |           |           | 06        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 08        |           |           |
| CAN | MB | 395 | YL   | Lynn Lake              |           | 04        | 08        |           |           |        |        |           |           | 06        |           | 04        | 08        |           |           | 10        | 02        | 06        | 08        | 09        |           | 09        | 08        |           | 07        |
| CAN | NB | 387 | 6E   | Grand Manan            |           |           |           | 02        |           |        |        |           |           |           |           |           |           |           |           |           |           |           | 01        |           |           |           |           |           |           |
| CAN | NB | 397 | ZST  | Saint John             |           |           |           | 22        | 05        |        |        |           |           |           |           |           |           |           |           |           |           |           | 01        | 01        |           |           |           |           |           |
| CAN | NL | 390 | JT   | Stephenville           |           |           | 06        | 22        | 03        |        |        |           |           |           |           |           | 08        |           | 00        | 00        |           | 08        | 01        | 06        | 06        |           | 00        |           |           |
| CAN | NL | 396 | JC   | Rigolet                |           |           |           | 22        |           |        |        |           |           |           | 05        |           |           |           |           |           |           |           | 01        |           |           |           |           |           |           |
| CAN | NS | 385 | ZNS  | Halifax                |           |           |           | 22        |           |        |        |           |           |           |           |           |           |           |           |           |           |           | 01        |           |           |           |           |           |           |
| CAN | NT | 392 | ZFN  | Tulita Ft.Norman       |           | 07        | 08        |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| CAN | ON | 385 | ZDH  | Toronto Riverhead Park |           |           |           |           |           |        |        |           |           |           |           |           |           |           | 00        |           |           |           | 01        |           | 08        |           |           |           |           |

|     |    |     |     |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|-----|----|-----|-----|----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| CAN | ON | 388 | H7  | Manitoulin East      |    |    |    | 04 | 03 |    |    |    |    |    |    | 00 | 00 | 08 | 08 | 01 |    | 04 |    |    |    |    |    | 09 |    |  |
| CAN | ON | 391 | 3B  | Brockville           |    |    |    | 01 | 03 |    |    |    |    |    |    | 00 | 00 | 05 | 08 | 01 | 06 | 10 |    |    |    |    |    | 08 |    |  |
| CAN | ON | 391 | OO  | Oshawa               |    |    |    | 01 | 03 |    |    |    |    |    |    | 00 | 00 | 06 | 02 | 01 | 00 | 09 |    |    |    |    |    | 08 |    |  |
| CAN | ON | 393 | 2M  | Opapimiskan Lake     |    |    | 08 |    |    |    |    |    |    |    |    | 10 | 01 |    | 08 | 09 |    |    |    |    |    |    |    |    |    |  |
| CAN | ON | 397 | ZHA | Hamilton Ancaster    |    |    |    |    | 03 |    |    |    |    |    |    | 23 | 01 | 08 | 08 | 01 |    | 06 |    |    |    |    |    | 08 |    |  |
| CAN | ON | 399 | ZHD | Dryden               |    |    | 08 |    | 08 |    |    |    |    | 09 |    | 01 | 01 | 02 | 08 | 09 |    |    |    |    |    |    |    | 08 |    |  |
| CAN | QC | 385 | YNC | Wemindji             |    |    |    |    | 03 |    |    |    |    |    |    | 00 | 00 |    | 02 | 01 | 04 |    |    |    |    |    | 09 | 09 |    |  |
| CAN | QC | 390 | VP  | Kujack Kuujuaq       |    |    |    |    | 04 |    |    |    |    |    |    |    |    |    | 01 |    |    |    |    |    |    |    |    |    |    |  |
| CAN | QC | 392 | ML  | Charlevoix           |    |    | 06 | 22 | 03 |    |    |    | 08 |    |    | 00 | 23 | 05 | 02 | 20 | 00 | 22 |    |    |    |    | 00 |    | 08 |  |
| CAN | QC | 396 | YPH | Inukjuak             |    |    | 08 |    | 04 |    |    | 06 |    | 08 |    | 01 | 00 | 05 | 08 | 01 | 06 | 08 |    |    |    | 10 | 08 |    |    |  |
| CAN | SK | 395 | L7  | Estevan              |    |    | 08 |    |    |    |    |    | 08 |    | 10 | 06 |    |    |    |    |    |    |    |    |    |    | 08 |    | 12 |  |
| CAN | SK | 397 | ZSS | Saskatoon            | 04 |    | 08 |    |    |    |    | 06 |    | 04 | 08 |    |    | 04 |    |    |    |    |    |    |    | 10 |    |    | 02 |  |
| CAN | SK | 398 | 3D  | Cumberland House     |    |    | 08 |    |    |    |    |    | 06 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 385 | G   | Huhaijuzhou          |    |    |    |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 387 | SG  | Yijun                |    |    |    |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 390 | F   | Jinan Yaoqiang       |    |    |    |    |    |    | 12 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 392 | WB  | Linru                |    |    |    |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 393 | KC  | Laibin               |    |    |    |    |    |    | 12 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 395 | KG  | Longkou              |    |    |    |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 395 | WF  | Beijing Xiliuhetun   |    |    |    |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| CHN | -  | 398 | SQ  | Changzhi             |    |    |    |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| FJI | -  | 385 | AL  | Malolo Nadi          | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| FSM | -  | 393 | UKS | Kosrae Is            | 11 |    |    |    | 15 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| GTM | -  | 385 | TKL | Tikal Santa Elena    |    |    |    |    |    |    |    |    | 09 |    | 09 |    | 09 |    | 09 |    |    |    |    |    |    |    | 09 | 00 |    |  |
| INS | -  | 385 | OK  | Kupang               | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| NCL | -  | 388 | MR  | Mare                 | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| NZL | -  | 386 | LX  | Alexandra            | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| NZL | -  | 390 | HN  | Hamilton             | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| NZL | -  | 394 | BE  | Berrisdale           | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| PTR | -  | 391 | DDP | San Juan Dorado      |    | 08 | 06 | 01 | 03 | 07 |    | 06 | 05 | 05 | 04 | 03 | 08 | 09 | 00 | 00 | 02 | 02 | 01 | 06 | 22 | 03 | 00 |    | 07 |  |
| SPM | -  | 386 | SP  | St Pierre            |    |    |    | 05 |    |    |    |    |    |    |    |    |    |    |    |    | 09 |    |    |    |    |    |    |    |    |  |
| USA | AR | 385 | HO  | Hot Springs          |    |    |    |    |    |    |    |    |    | 08 |    | 10 | 07 | 05 | 02 |    |    |    |    |    |    | 09 | 18 |    |    |  |
| USA | AR | 395 | HR  | Harrison             |    |    |    |    |    |    |    |    |    |    |    | 10 | 00 |    | 10 |    |    |    |    |    |    |    | 00 |    |    |  |
| USA | CA | 385 | MR  | Monterey Munso       |    |    | 10 |    |    |    |    |    | 12 | 06 | 02 |    |    |    |    |    |    |    |    |    |    | 10 |    |    |    |  |
| USA | CA | 397 | SB  | San Bernardino Petis |    |    | 08 |    |    |    | 05 | 04 | 03 | 19 | 02 | 08 |    |    |    |    |    |    |    |    | 10 |    |    |    |    |  |
| USA | CO | 392 | BAJ | Sterling Batten      |    |    | 08 |    |    |    |    | 12 | 05 | 09 | 04 | 01 |    |    | 07 |    |    |    |    |    | 10 | 09 |    |    |    |  |
| USA | GA | 385 | EMR | Augusta              |    |    |    |    |    |    |    |    |    |    |    | 00 | 00 |    | 09 | 08 |    |    |    |    |    |    | 00 |    |    |  |
| USA | GA | 390 | OWC | Douglas              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 08 |    |    |  |
| USA | GA | 392 | JNM | Monroe               |    |    |    |    |    |    |    |    |    |    |    | 10 |    |    | 09 |    |    |    |    |    |    |    | 00 |    |    |  |
| USA | IA | 387 | CAV | Clarion              |    |    |    |    |    |    |    |    |    | 06 | 09 |    | 17 | 07 | 02 | 17 |    |    |    |    | 10 | 09 |    |    |    |  |
| USA | IA | 390 | BR  | Burlington           |    |    |    |    |    |    |    |    |    |    |    |    | 17 | 17 |    | 18 |    |    |    |    | 09 | 00 |    |    |    |  |
| USA | IA | 391 | EFW | Jefferson            |    |    |    |    |    |    |    |    |    |    |    |    | 17 |    | 18 | 10 |    |    |    |    |    |    |    |    |    |  |
| USA | IA | 394 | SP  | Spencer              |    |    |    |    |    |    |    |    |    | 04 | 08 |    | 17 | 07 | 02 | 08 |    |    |    |    | 09 | 08 |    |    |    |  |

|     |    |     |     |       |                   |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|----|-----|-----|-------|-------------------|--|----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| USA | ID | 389 | TW  | Strik | Twin Falls        |  |    |  |    |    | 12 | 07 | 04 |    |    |    |    |    |    |    | 09 |    | 03 |    |    |    |
| USA | IL | 385 | JD  |       | Belleville        |  |    |  |    |    |    |    |    |    |    | 17 | 17 |    |    | 17 |    |    | 00 |    |    |    |
| USA | IL | 388 | MD  |       | Carbondale        |  |    |  |    |    |    |    |    |    |    | 15 |    |    |    | 17 |    |    | 08 |    |    |    |
| USA | IL | 391 | PLX |       | Robinson          |  |    |  |    |    |    |    |    |    |    | 17 | 17 |    |    | 18 | 08 |    |    |    |    |    |
| USA | IL | 397 | CIR |       | Cairo             |  |    |  |    |    |    |    |    | 08 |    | 17 | 00 | 05 |    | 18 |    |    | 09 |    |    |    |
| USA | IN | 385 | UWL |       | New Castle        |  |    |  |    |    |    |    |    | 08 |    | 17 | 17 | 07 |    | 17 | 09 |    |    | 00 |    |    |
| USA | IN | 388 | CFJ |       | Crawfordsville    |  |    |  |    |    |    |    |    |    |    | 17 | 17 |    |    | 17 | 08 |    | 10 | 08 |    |    |
| USA | IN | 394 | AI  |       | Anderson          |  |    |  |    |    |    |    |    |    |    | 17 | 17 |    |    | 11 | 08 |    |    | 00 |    |    |
| USA | IN | 398 | HFY |       | Indianapolis      |  |    |  |    | 03 |    |    |    | 08 |    | 13 | 17 | 07 |    | 18 | 08 |    | 10 | 00 |    |    |
| USA | KS | 386 | SYF |       | St Francis        |  |    |  |    | 05 | 12 | 05 | 04 | 04 | 01 |    |    |    | 07 |    | 02 |    |    | 05 | 08 |    |
| USA | KS | 395 | CA  |       | Newton            |  |    |  |    |    |    |    |    |    | 08 |    |    |    |    |    |    |    |    | 00 |    |    |
| USA | KS | 395 | ULS |       | Ulysses           |  |    |  |    | 05 | 04 | 03 | 04 | 03 | 01 |    |    |    |    | 10 | 07 |    |    | 03 | 00 |    |
| USA | KY | 388 | CDX |       | Somerset          |  |    |  |    |    |    |    |    |    |    | 10 | 02 | 02 |    | 10 |    |    |    | 09 | 17 | 07 |
| USA | KY | 396 | GOI |       | Fort Knox         |  |    |  |    |    |    |    |    |    |    | 01 | 00 |    |    | 08 | 09 |    |    | 08 |    |    |
| USA | LA | 385 | DXB |       | De Ridder         |  |    |  |    |    |    | 12 |    |    | 08 |    |    |    |    | 10 | 06 |    | 03 | 09 | 18 |    |
| USA | MA | 389 | PVC |       | Provincetown      |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 06 |    |    |    |
| USA | MA | 395 | GBR |       | Great Barrington  |  |    |  |    | 03 |    |    |    |    |    |    |    |    |    |    |    |    | 20 |    |    |    |
| USA | MA | 397 | OW  |       | Norwood           |  |    |  |    | 03 |    |    |    |    |    |    |    |    |    |    |    |    | 20 |    |    |    |
| USA | MN | 385 | BA  |       | St Paul           |  |    |  |    |    |    |    |    |    |    | 01 |    |    | 02 |    |    |    |    | 10 |    |    |
| USA | MN | 392 | XVG |       | Longville         |  |    |  |    |    |    |    |    |    | 08 |    |    |    | 07 | 02 | 09 |    |    | 09 |    |    |
| USA | MN | 397 | AIT |       | Aitkin            |  |    |  |    |    |    |    |    |    |    |    |    |    | 07 |    |    |    |    |    |    |    |
| USA | MO | 388 | GLY |       | Clinton           |  |    |  |    | 05 |    | 05 | 08 |    | 08 |    |    |    | 20 | 00 | 02 | 17 | 08 |    | 03 | 00 |
| USA | MO | 391 | BHN |       | Fort Leonard Wood |  |    |  |    |    |    |    |    |    | 08 |    |    |    | 15 | 00 | 05 | 18 |    |    | 00 |    |
| USA | MO | 397 | JE  |       | Jefferson City    |  |    |  |    |    |    |    |    |    |    |    |    |    | 13 | 07 |    | 18 |    |    | 00 |    |
| USA | MS | 388 | HAH |       | Natchez           |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 00 |    |
| USA | MT | 386 | HAU |       | Helena            |  | 07 |  | 06 |    |    |    |    | 04 | 08 |    |    |    |    |    |    |    |    |    | 11 | 07 |
| USA | NC | 388 | RNW |       | Chocowinity       |  |    |  |    | 04 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| USA | NC | 391 | FIQ |       | Morganton         |  |    |  |    |    |    |    |    |    |    |    |    |    | 10 | 01 |    | 09 | 08 |    | 08 |    |
| USA | NE | 385 | LN  |       | Lincoln           |  |    |  |    |    |    | 12 |    |    |    |    |    |    | 20 | 07 |    | 09 |    |    | 09 | 09 |
| USA | NE | 389 | CSB |       | Cambridge         |  |    |  |    |    | 12 | 03 | 06 | 04 | 13 |    |    |    | 17 | 06 | 03 | 02 |    |    | 05 | 08 |
| USA | NE | 389 | LCG |       | Wayne             |  |    |  |    |    |    |    |    |    | 03 |    |    |    | 21 |    | 02 |    |    |    | 09 | 09 |
| USA | NE | 392 | FMZ |       | Fairmont          |  |    |  |    |    |    | 05 |    |    | 08 |    |    |    | 17 | 01 | 05 | 18 |    |    | 09 | 00 |
| USA | NH | 386 | GMA |       | Whitefield        |  |    |  |    | 02 | 03 |    |    |    |    |    |    |    |    |    |    |    | 20 |    |    |    |
| USA | NY | 395 | SL  |       | Saranac Lake      |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 09 |    |    |    |
| USA | OH | 395 | TSO |       | Carrollton        |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 09 |    |    |    |
| USA | OK | 388 | OFZ |       | Fort Sill         |  |    |  |    |    |    | 05 |    |    | 08 |    |    |    |    |    |    |    | 09 |    | 09 | 17 |
| USA | OK | 388 | OK  |       | Preston Okmulgee  |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 17 |
| USA | OK | 391 | AEE |       | Antlers           |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 17 |
| USA | OK | 393 | BZ  |       | Clinton           |  |    |  |    |    |    |    |    | 05 | 08 |    |    |    |    |    |    |    |    |    |    | 17 |
| USA | OK | 396 | CQB |       | Chandler          |  |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 17 |
| USA | PA | 388 | UN  |       | State College     |  |    |  |    |    | 03 |    |    |    |    |    |    |    |    |    |    |    | 01 |    |    |    |
| USA | SD | 392 | AGZ |       | Wagner            |  |    |  |    |    |    |    |    |    | 08 |    |    |    | 17 | 07 | 05 | 02 |    |    | 09 |    |
| USA | TN | 394 | DTE |       | Dayton            |  |    |  |    |    |    |    |    |    |    |    |    |    | 00 | 01 |    | 02 | 09 |    |    | 00 |



|     |                       |    |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |   |   |  |
|-----|-----------------------|----|-----------|-----------|-----------|-----------|-----------|--------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|---|--|
| GTM | Guatemala             | -  |           |           |           |           |           |        |        |           |           |           | 1         |           | 1         |           | 1         |           |           |           |           |           |           |           | 1         | 1         |           |   |   |  |
| INS | Indonesia             | -  | 1         |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |   |   |  |
| NCL | New Caledonia         | -  | 1         |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |   |   |  |
| NZL | New Zealand           | -  | 3         |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |   |   |  |
| PTR | Puerto Rico           | -  |           | 1         | 1         | 1         | 1         | 1      |        |           | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1 | 1 |  |
| SPM | St Pierre et Miquelon | -  |           |           |           | 1         |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 1         |           |           |   |   |  |
| USA | USA                   | AR |           |           |           |           |           |        |        |           |           |           | 1         |           |           | 2         | 2         | 1         | 2         |           |           |           |           |           |           | 1         | 2         |   |   |  |
| USA | USA                   | CA |           |           | 2         |           |           |        | 1      | 1         | 2         | 2         | 2         | 1         |           |           |           |           |           |           |           |           |           |           |           |           | 2         |   |   |  |
| USA | USA                   | CO |           |           | 1         |           |           |        |        | 1         | 1         | 1         | 1         |           |           |           |           |           |           |           |           |           |           |           |           | 1         | 1         |   |   |  |
| USA | USA                   | GA |           |           |           |           |           |        |        |           |           |           |           |           | 2         | 1         | 2         |           | 2         | 1         |           |           |           |           |           |           | 3         |   |   |  |
| USA | USA                   | IA |           |           |           |           |           |        |        |           |           |           |           |           | 2         | 2         |           |           | 4         | 3         | 3         | 4         |           |           |           | 3         | 3         |   |   |  |
| USA | USA                   | ID |           |           | 1         |           |           |        |        | 1         | 1         | 1         |           |           |           |           |           |           |           |           |           |           |           |           | 1         |           | 1         |   |   |  |
| USA | USA                   | IL |           |           | 1         |           |           |        |        |           |           |           |           | 1         |           |           |           | 4         | 3         | 1         | 4         | 1         |           | 1         | 1         | 2         |           |   |   |  |
| USA | USA                   | IN |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           | 2         |           |           |           |           |           |           |           | 4         |           |   |   |  |
| USA | USA                   | KS |           |           | 2         |           |           |        |        | 2         | 2         | 2         | 3         | 2         | 2         | 3         | 2         | 2         | 3         | 1         | 2         | 2         |           |           | 2         | 3         |           | 1 |   |  |
| USA | USA                   | KY |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           | 2         | 2         |           | 2         | 1         |           |           | 1         | 1         |           |   |   |  |
| USA | USA                   | LA |           |           |           |           |           |        |        | 1         |           |           |           |           |           | 1         | 1         |           |           |           |           |           |           |           | 1         | 1         |           |   |   |  |
| USA | USA                   | MA |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 3         | 1         |           |           |   |   |  |
| USA | USA                   | MN |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           | 2         | 1         | 3         | 1         |           |           |           |           | 2         |           |   |   |  |
| USA | USA                   | MO |           |           | 1         |           |           |        |        | 1         | 1         |           | 2         |           |           |           | 3         | 3         | 2         | 3         | 1         |           |           |           |           | 1         | 3         |   |   |  |
| USA | USA                   | MS |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 1         |   |   |  |
| USA | USA                   | MT |           |           | 1         |           |           |        |        |           |           |           |           |           | 1         | 1         |           |           |           |           |           |           |           |           |           |           |           | 1 | 1 |  |
| USA | USA                   | NC |           |           |           | 1         |           |        |        |           |           |           |           |           |           |           |           |           |           |           | 1         | 1         |           |           |           |           | 1         |   |   |  |
| USA | USA                   | NE |           |           | 2         |           |           |        |        |           | 1         | 2         | 2         | 3         | 1         | 2         | 2         |           | 4         | 3         | 3         | 3         |           |           |           | 4         | 4         |   |   |  |
| USA | USA                   | NH |           |           |           | 1         | 1         |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 1         |           |           |   |   |  |
| USA | USA                   | NY |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 1         |           |           |   |   |  |
| USA | USA                   | OH |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 1         |           |           |   |   |  |
| USA | USA                   | OK |           |           |           |           |           |        |        | 1         |           |           | 1         | 3         |           |           |           |           |           |           |           |           |           |           | 1         |           | 5         |   |   |  |
| USA | USA                   | PA |           |           |           |           | 1         |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 1         |           |           |   |   |  |
| USA | USA                   | SD |           |           | 1         |           |           |        |        |           |           |           |           |           |           |           | 1         |           | 1         | 1         | 1         | 1         |           |           |           | 1         |           |   |   |  |
| USA | USA                   | TN |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           | 1         |           |           |           |           |           | 2         |   |   |  |
| USA | USA                   | TX |           |           |           |           |           |        |        | 1         | 1         | 3         | 2         | 1         |           |           |           |           |           |           |           |           |           |           | 2         |           | 2         |   |   |  |
| USA | USA                   | WI |           |           | 1         |           | 1         |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 2         |           | 3 |   |  |
| USA | USA                   | WY |           |           | 1         |           |           |        |        | 1         | 1         | 1         | 1         |           |           |           |           |           |           |           |           |           |           |           |           |           | 2         |   |   |  |
| VUT | Vanuatu               | -  | 1         |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |   |   |  |
| Cou | Country               | St | AUS TA et | CAN BC bt | CAN BC sm | CAN NS vm | CAN QC ky | HWA mx | TWN hf | USA AZ bc | USA AZ dl | USA AZ sr | USA CA dn | USA CA pa | USA CO ac | USA FL cg | USA IL dt | USA IL fy | USA MN gs | USA MO dp | USA NH jc | USA NJ ge | USA NJ rs | USA TX ch | USA TX du | USA UT mu | USA WA so |   |   |  |

**LISTENING TIMES:**

Shows the number of NDBs logged by each reporter during the time periods shown.

| UTC (hh)      | AUS TA et | CAN BC bt | CAN BC sm | CAN NS vm | CAN QC ky | HWA mx | TWN hf | USA AZ bc | USA AZ dl | USA AZ sr | USA CA dn | USA CA pa | USA CO ac | USA FL cg | USA IL dt | USA IL fy | USA MN gs | USA MO dp | USA NH jc | USA NJ ge | USA NJ rs | USA TX ch | USA TX du | USA UT mu | USA WA so |
|---------------|-----------|-----------|-----------|-----------|-----------|--------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 00:00 - 00:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           | 11        | 16        |           |           |           | 2         |           |           | 21        |           |           |
| 01:00 - 01:59 |           |           |           | 3         |           |        |        |           |           |           |           |           | 3         |           | 5         | 6         |           |           | 15        | 1         |           |           |           |           |           |
| 02:00 - 02:59 |           | 4         |           | 2         | 1         |        |        |           |           |           |           | 2         |           |           |           | 2         | 9         | 9         |           |           |           |           |           | 5         |           |
| 03:00 - 03:59 |           | 3         |           |           | 13        |        |        |           |           | 4         | 1         | 7         |           |           |           |           | 1         | 2         |           |           |           | 3         |           | 4         |           |
| 04:00 - 04:59 |           | 2         |           | 2         | 2         |        |        |           | 2         |           | 5         | 11        |           |           |           | 1         |           |           |           | 1         | 1         |           |           |           |           |
| 05:00 - 05:59 |           |           |           | 1         | 1         | 1      |        | 5         | 1         | 9         | 3         | 3         |           |           |           |           | 10        |           |           |           |           | 2         |           |           |           |
| 06:00 - 06:59 |           | 4         | 17        |           |           |        |        | 1         |           | 3         | 2         | 1         | 1         |           |           | 4         | 3         |           |           | 5         | 2         |           |           |           |           |
| 07:00 - 07:59 |           | 4         |           |           |           | 5      |        |           |           |           | 2         |           |           |           |           | 12        | 3         |           |           |           |           |           |           | 9         |           |
| 08:00 - 08:59 |           | 1         | 17        |           | 1         |        |        |           |           |           | 2         |           | 31        | 1         |           | 1         | 3         | 11        | 8         |           | 2         |           | 23        | 2         | 2         |
| 09:00 - 09:59 |           |           | 2         |           |           |        |        |           |           |           | 1         | 2         | 5         | 4         |           | 1         | 1         | 11        | 11        |           | 2         | 19        | 7         |           | 1         |
| 10:00 - 10:59 | 18        |           | 1         |           |           |        |        |           |           |           |           |           |           | 1         | 12        | 1         |           | 7         |           |           |           |           |           |           |           |
| 11:00 - 11:59 | 3         |           |           |           |           |        |        |           | 1         |           |           |           |           |           | 2         |           |           | 1         |           |           | 3         | 9         |           | 2         |           |
| 12:00 - 12:59 | 1         |           |           |           |           | 1      | 2      |           | 3         | 10        |           | 3         |           |           |           |           |           |           |           |           |           |           |           |           | 1         |
| 13:00 - 13:59 |           |           | 6         |           |           |        |        |           |           |           |           |           | 1         |           | 2         |           |           |           |           |           |           |           |           |           |           |
| 14:00 - 14:59 |           |           |           |           |           | 1      |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 15:00 - 15:59 |           |           |           |           |           | 1      | 6      |           |           |           |           |           |           |           | 2         |           |           |           |           |           |           |           |           |           |           |
| 16:00 - 16:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 17:00 - 17:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           | 17        | 9         |           | 7         |           |           |           |           | 8         |           |           |
| 18:00 - 18:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           |           |           | 1         | 7         |           |           |           |           | 2         |           |           |
| 19:00 - 19:59 |           |           |           |           |           |        |        |           |           |           | 1         |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 20:00 - 20:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           | 2         |           |           |           | 5         |           |           |           |           |           |           |
| 21:00 - 21:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           | 1         |           |           |           |           |           |           |           |           |           |           |
| 22:00 - 22:59 |           |           |           | 5         |           |        |        |           |           |           |           |           |           |           |           |           |           |           |           |           | 2         |           |           |           |           |
| 23:00 - 23:59 |           |           |           |           |           |        |        |           |           |           |           |           |           |           | 1         | 1         |           |           |           |           |           |           |           |           |           |
| UTC (hh)      | AUS TA et | CAN BC bt | CAN BC sm | CAN NS vm | CAN QC ky | HWA mx | TWN hf | USA AZ bc | USA AZ dl | USA AZ sr | USA CA dn | USA CA pa | USA CO ac | USA FL cg | USA IL dt | USA IL fy | USA MN gs | USA MO dp | USA NH jc | USA NJ ge | USA NJ rs | USA TX ch | USA TX du | USA UT mu | USA WA so |
| Totals:       | 22        | 18        | 43        | 13        | 18        | 9      | 8      | 6         | 7         | 26        | 17        | 29        | 41        | 6         | 55        | 53        | 32        | 55        | 39        | 9         | 12        | 33        | 61        | 6         | 18        |

**NDB COUNTS, BY FREQUENCY:**

The number of NDBs logged on each frequency, ignoring offsets, and the number logged by each reporter.

| NDBs | kHz | AUS TA et | CAN BC bt | CAN BC sm | CAN NS vm | CAN QC ky | HWA mx | TWN hf | USA AZ bc | USA AZ dl | USA AZ sr | USA CA dn | USA CA pa | USA CO ac | USA FL cg | USA IL dt | USA IL fy | USA MN gs | USA MO dp | USA NH jc | USA NJ ge | USA NJ rs | USA TX ch | USA TX du | USA UT mu | USA WA so |
|------|-----|-----------|-----------|-----------|-----------|-----------|--------|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 19   | 385 | 2         | 3         | 4         | 1         | 1         | 2      | 1      | 1         | 1         | 5         | 3         | 5         | 4         | 2         | 10        | 9         | 4         | 9         | 5         | 1         | 1         | 8         | 9         | 1         | 1         |
| 8    | 386 | 3         | 1         | 3         | 2         | 1         |        |        | 1         | 1         | 1         | 1         | 2         | 2         |           | 1         | 2         |           | 2         | 2         |           | 1         | 2         | 1         | 1         |           |
| 3    | 387 |           |           |           | 1         |           |        | 1      |           |           |           |           | 1         | 1         |           | 1         | 1         | 1         | 1         | 1         |           | 1         | 1         |           |           |           |
| 13   | 388 | 1         | 1         | 3         | 2         | 2         |        |        | 1         |           | 3         | 2         | 2         | 4         |           | 6         | 4         | 3         | 7         | 4         |           | 2         | 4         | 8         | 1         | 2         |
| 9    | 389 | 3         | 1         | 4         |           |           |        |        |           | 1         | 3         | 3         | 4         | 3         |           | 4         | 3         | 3         | 3         | 2         | 1         |           | 4         | 4         | 2         | 1         |

|      |     |              |              |              |              |              |           |           |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |
|------|-----|--------------|--------------|--------------|--------------|--------------|-----------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 8    | 390 | 1            | 2            | 3            | 1            | 2            | 1         | 1         |              |              | 1            | 1            | 1            | 1            | 2            | 2            | 2            | 2            | 2            | 1            | 1            | 1            | 3            |              | 1            |              |
| 13   | 391 |              | 3            | 4            | 3            | 3            | 1         |           | 1            | 1            | 3            | 1            | 3            | 3            | 3            | 8            | 8            | 6            | 9            | 5            | 3            | 3            | 2            | 8            | 3            |              |
| 11   | 392 | 2            | 1            | 6            | 1            | 1            |           |           | 1            |              | 3            | 2            | 2            | 6            | 1            | 5            | 6            | 4            | 5            | 1            | 1            | 1            | 4            | 5            | 1            | 2            |
| 6    | 393 | 1            |              | 2            |              |              | 1         |           | 1            |              |              |              | 1            | 1            | 1            | 1            |              | 2            | 1            |              |              |              | 2            |              |              |              |
| 7    | 394 | 1            | 2            | 2            |              |              | 2         |           |              |              | 2            | 1            | 3            | 3            |              | 4            | 4            | 1            | 4            | 3            |              |              | 1            | 5            | 2            |              |
| 14   | 395 | 3            | 1            | 3            |              | 2            | 1         |           | 2            |              | 2            | 1            | 2            | 5            |              | 6            | 6            | 3            | 4            | 5            |              |              | 2            | 6            | 3            |              |
| 7    | 396 | 1            | 1            | 2            | 1            | 1            |           |           |              |              | 1            | 1            | 1            | 2            |              | 2            | 2            | 1            | 2            | 3            | 1            | 1            | 2            | 4            |              |              |
| 8    | 397 |              | 1            | 3            | 1            | 3            |           |           |              | 1            | 1            | 2            | 1            | 2            | 3            |              | 3            | 3            | 4            | 3            | 3            | 1            | 2            | 3            | 2            | 1            |
| 8    | 398 | 4            | 1            | 2            |              | 1            |           |           | 1            |              |              |              |              | 2            |              | 1            | 1            | 1            | 1            | 1            |              | 1            |              | 1            | 1            |              |
| 2    | 399 |              |              | 2            |              | 1            | 1         |           |              |              |              |              |              | 1            |              | 1            | 1            | 1            | 1            | 1            |              |              |              | 1            |              |              |
| NDBs | kHz | AUS TA<br>et | CAN BC<br>bt | CAN BC<br>sm | CAN NS<br>vm | CAN<br>QC ky | HWA<br>mx | TWN<br>hf | USA AZ<br>bc | USA AZ<br>dl | USA AZ<br>sr | USA CA<br>dn | USA CA<br>pa | USA<br>CO ac | USA FL<br>cg | USA IL<br>dt | USA IL<br>fy | USA<br>MN gs | USA<br>MO dp | USA NH<br>jc | USA NJ<br>ge | USA NJ<br>rs | USA TX<br>ch | USA TX<br>du | USA UT<br>mu | USA<br>WA so |

### MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

(Occasionally an entry may be the result of an incorrectly received ident)

Edgar's and Hans's entries are better seen from the main 'Beacons Heard' list.

| kHz | C/S | Location       | St | ITU | Rptr | UTC   |
|-----|-----|----------------|----|-----|------|-------|
| 390 | OWC | Douglas        | GA | USA | du   | 08:22 |
| 388 | HAH | Natchez        | MS | USA | du   | 00:48 |
| 391 | AEE | Antlers        | OK | USA | du   | 17:40 |
| 396 | CQB | Chandler       | OK | USA | du   | 17:41 |
| 397 | AIT | Aitkin         | MN | USA | gs   | 07:20 |
| 395 | SL  | Saranac Lake   | NY | USA | jc   | 09:28 |
| 395 | TSO | Carrollton     | OH | USA | jc   | 09:24 |
| 393 | TOG | Togiak Village | -  | ALS | sm   | 09:30 |
| 388 | RNW | Chocowinity    | NC | USA | vm   | 04:03 |

### FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE194 385-399.9 kHz 22-25 May 2015  
 NOW: CLE211 385-399.9 kHz 23-26 Sept 2016

| Listener  | Av km<br>THEN | Av km<br>NOW | Total<br>km x<br>1000<br>THEN | Total<br>km x<br>1000<br>NOW | NDBs<br>THEN | NDBs<br>NOW | Max km<br>THEN | Max km<br>NOW |
|-----------|---------------|--------------|-------------------------------|------------------------------|--------------|-------------|----------------|---------------|
| CAN BC bt |               | 1370         |                               | 25                           |              | 18          |                | 6533          |



|                  |      |    |    |      |
|------------------|------|----|----|------|
| CAN QC ky        | 909  | 16 | 18 | 3084 |
| TWN hf           | 1319 | 11 | 8  | 1724 |
| USA AZ bc        | 1935 | 12 | 6  | 4684 |
| USA AZ dl        | 1733 | 12 | 7  | 4816 |
| USA AZ sr        | 2274 | 59 | 26 | 4795 |
| USA IL fy        | 1011 | 54 | 53 | 3304 |
| USA MN gs        | 940  | 30 | 32 | 3837 |
| USA TX ch        | 1790 | 59 | 33 | 3981 |
| <b>Averages:</b> | 1476 | 31 | 22 | 4084 |

| Listener           | Av km<br>THEN | Av km<br>NOW | Total<br>km x<br>1000<br>THEN | Total<br>km x<br>1000<br>NOW | NDBs<br>THEN | NDBs<br>NOW | Max km<br>THEN | Max km<br>NOW |
|--------------------|---------------|--------------|-------------------------------|------------------------------|--------------|-------------|----------------|---------------|
| AUS TA et          | 2122          | 2315         | 74                            | 51                           | 35           | 22          | 5591           | 5591          |
| CAN BC sm          | 1901          | 1975         | 80                            | 85                           | 42           | 43          | 6072           | 6072          |
| CAN NS vm          | 1127          | 936          | 26                            | 12                           | 23           | 13          | 3008           | 3008          |
| HWA mx             | 4009          | 5270         | 16                            | 47                           | 4            | 9           | 4157           | 9413          |
| USA CA dn          | 1954          | 2079         | 16                            | 35                           | 8            | 17          | 5336           | 5336          |
| USA CA pa          | 1729          | 2115         | 33                            | 61                           | 19           | 29          | 5631           | 5631          |
| USA CO ac          | 1321          | 1370         | 24                            | 56                           | 18           | 41          | 4391           | 4391          |
| USA FL cg          | 994           | 1122         | 6                             | 7                            | 6            | 6           | 1886           | 1886          |
| USA IL dt          | 964           | 954          | 42                            | 52                           | 44           | 55          | 3488           | 3488          |
| USA MO dp          | 984           | 1012         | 30                            | 56                           | 30           | 55          | 3274           | 3274          |
| USA NH jc          | 985           | 1078         | 31                            | 42                           | 31           | 39          | 2815           | 2815          |
| USA NJ ge          | 981           | 1212         | 16                            | 11                           | 16           | 9           | 2532           | 2532          |
| USA NJ rs          | 943           | 1169         | 12                            | 14                           | 13           | 12          | 2436           | 2436          |
| USA TX du          | 1307          | 1384         | 30                            | 84                           | 23           | 61          | 3532           | 3532          |
| USA UT mu          | 1348          | 793          | 15                            | 5                            | 11           | 6           | 3828           | 1432          |
| USA WA so          | 1183          | 1690         | 18                            | 30                           | 15           | 18          | 2749           | 5969          |
| <b>Averages:</b>   | 1491          | 1655         | 29                            | 41                           | 21           | 27          | 3795           | 4175          |
| <b>% Increase:</b> |               | 11           |                               | 39                           |              | 29          |                | 10            |

Av. km = Average distance from listener to NDB for all their loggings

Total km = Sum of distances from listener to NDBs for all their loggings

NDBs = Number of NDBs logged

Max km = Maximum distance from listener to an NDB they logged  
(UNIDs are not included)

#### Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aeriels, etc.

Many of our CLEs re-use the same frequencies after a year or so.

This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

The lower table shows statistics for listeners who took part in both the events. The bottom lines compare the general conditions found during the two events.

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

**TAB's Trans-Atlantic Beacons**

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged. (reception was only by Europe listeners)

| kHz | C/S | Location         | ITU | CZE<br>my | DEU<br>hw | ENG<br>ag | ENG<br>bk | ENG<br>hh | FRA<br>ea | FRA<br>ij | HOL<br>rb |
|-----|-----|------------------|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 390 | JT  | Stephenville, NL | CAN | 02        | 01        | 03        | 01        |           | 05        | 04        | 02        |
| 392 | ML  | Charlevoix, QC   | CAN |           | 04        |           | 02        |           |           |           | 02        |
| 396 | JC  | Rigolet, NL      | CAN |           | 02        | 04        | 01        |           |           |           | 02        |
| 391 | DDP | San Juan Dorado  | PTR |           | 02        | 03        | 02        | 23        | 02        | 04        | 02        |