

- 8.23: Contralto solo—Mrs. E. H. Davies, "Teach Me to Pray" (Williams).
 8.27: Orchestral—London Symphony Orchestra, "2nd Movement from the Jupiter Symphony" (Mozart) (H.M.V. Record D1360).
 8.35: Contralto and baritone duet—Mrs. E. H. Davies and Mr. John Worgan, "O Wert Thou in the Cauld Blast" (Mendelssohn).
 8.39: Grand organ solo—Marcel Dupre, "Prelude and Fugue in G Major" (Bach) (H.M.V. Record D1402).
 8.48: Baritone solo—Mr. John Wogan, "One Sweetly Solemn Thought" (Ambrose).
 8.51: Male quartet with orchestra—Peerless Quartet, "The Home Over There" (O'Kane) (Zonophone Record 5076).
 8.55: Contralto solo—Mrs. E. H. Davies, "Danny Boy" (Irish Air).
 8.59: 'Cello solo—Guilhermina Suggia, "Kol Nedrei" (Bruch) (H.M.V. Record DB1083).
 9.7: Contralto and baritone duet—Mrs. E. H. Davies and Mr. John Worgan, "I'll Sing to You" (Thompson).
 9.11: Grand organ solo—Edwin H. Lemare, "Traumerei" (Schumann) (H.M.V. Record C1455).
 9.15: Baritone solo—Mr. John Worgan, "They Say" (Warwick Evans).
 9.19: Orchestral—London Symphony Orchestra, "4th Movement from the Jupiter Symphony" (Mozart) (H.M.V. Record D1362).
 9.27: Close down.

4YA, DUNEDIN (463 METRES)—SUNDAY, NOVEMBER 25.

- 5.30 p.m.: Children's Song Service, conducted by Big Brother Bill.
 6.30: Relay of service from St. Andrew's Street Church of Christ.
 8.0: Relay of St. Kilda Band concert. Conductor, Mr. James Dixon.
 9.15: Close down.

Our Mail Bag

Will correspondents please practice brevity, as heavy demands are now made on space. All letters must be signed and address given as proof of genuineness; noms de plume for publication are permitted. Address correspondence Editor, "Radio Record," P.O. Box 1032, Wellington.

Notes on DX.

AS I expect I am one of the "DX" hounds referred to by C. C. Bradshaw in his letter which appeared in your issue of October 20, it has occurred to me that particulars of my "log," equipment and general information may interest Mr. Bradshaw (and also "B.D."—another friend)—whose letter in support of Mr. Bradshaw's appears in this week's issue) and perhaps other listeners keen on "DX." To begin with, my "log" consists of 65 stations, particulars of which are given below, together with several others not yet identified:—

Station	Metres
1YA—Auckland	333
2YA—Wellington	420
3YA—Christchurch	306
4YA—Dunedin	463
1ZB—Auckland	275
1ZQ—Auckland	253
1XX—Auckland	218
2AX—Palmerston North	210
2ZF—Palmerston North	285
2ZK—Wanganui	500
2ZM—Gisborne	275

3ZC—Christchurch	250
4ZM—Dunedin	277.8
4ZB—Dunedin	277.8
2BL—Sydney	349
2FC—Sydney	442
2GB—Sydney	316
2UE—Sydney	293
2KY—Sydney	280
2UW—Sydney	267
3LO—Melbourne	371
3AR—Melbourne	484
3UZ—Melbourne	319
3DB—Melbourne	251.5
3BY—Melbourne	248
4QG—Brisbane	385
5CL—Adelaide	409
5KA—Adelaide	250
7ZL—Hobart	516
7UX—Tasmania (now 3UX)	200
JOAK—Tokio, Japan	345
JOHK—Sendai, Japan	390
JOIK—Sapporo, Japan	361
JOFK—Kiroshima, Japan	353
KZRM—Manila, Philippine Is.	413
KGO—Oakland, California	384.3
KFON—Longbeach, California	241.8
KFKB—Milford, Kansas	241.8
KEX—Portland, Oregon	239.9

(now 277.6)

KMOX—St. Louis	299.8
KFI—Los Angeles	468.5
KNX—Los Angeles	336.9
KHJ—Los Angeles	388.8
KFWB—Hollywood, California	361.2
WBBM—Chicago	389.4
WDAE—Tampa, Florida	267.7
WFIW—Hopkinsville, Kentucky	260.7
WENR—Chicago and	
9XF—Chicago	288.3
2AQ—Tahape	322
4ZL—Dunedin	245
JOBK—Osaka, Japan	400
JOJK—Kumamoto, Japan	380
KGER—Longbeach, California	217.3
KFBL—Everett, Washington	223.7
WEXAL—Dayton, Ohio	428.3
5DN—Adelaide	313
KJR—Seattle, Washington	348.6
KFVD—Venice, California	208.2
JOCK—(old station) Nagoya	360
JOAK—(old station) Tokyo	375
JOBK—(old station) Osaka	385
2YK—Wellington (closed)	275
C. A. Larsen (whaler)	420
Sir. Jas. C. Ross (whaler)	?

Summarised, the list comprises:—

- 17 stations in New Zealand
- 17 stations in Australia
- 19 stations in America
- 9 stations in Japan
- 1 station in Phillipine Islands
- 2 whalers

65

I HAVE received verifications of reception from the first 49 stations given in the above list and am awaiting replies from the seven next mentioned. Of the rest, I was not able to note sufficient of the transmissions to warrant my writing for a verification, with the exception, of course, of 2YK and the whalers.

Practically all stations have been heard on the speaker. A few of the American stations had to be worked on phones, others could be heard comfortably in the next room. Some of the Japanese stations are heard at good speaker strength, while the others are very much weaker. There are quite a number of American stations which have been reported by other "fans" at different time which I have not logged, and my list includes a few which are "out of the ordinary."

I am confident that if one could spend every evening up till 7.30 p.m. "searching," his log of "Yanks" could be doubled, as I have picked up at different times quite twenty unidentified stations.

Of the Japanese stations, JOHK and JOAK can hardly be classified under the heading of "DX" as one is able to log them so frequently and so easily. It is very seldom that either one or the other station cannot be tuned in and it is not necessary to wait until very late in the evening either. I have on several occasions logged both JOHK and JOAK as early as 8.30 p.m.—on the speaker and loud enough to easily get the call letters.

My receiving set is a factory-built six-valve and dry "B" batteries are used. I think I have a good aerial and earth system. The aerial mast at the free end is 56ft. high and the mast at the lead-in end 39ft. high, the total length of aerial, including earth wire, being about 118 feet. The aerial is not really long enough for DX work, the length usually advocated being up to 150 feet. The "earth" consists of a regular "foundry," the original "earth" comprising our pipe being added to on two subsequent occasions. First I added a buried 12 gallon copper which gave greatly improved results. Later I added ten pipes on the famous

"Pierce" idea but cannot say I noticed much improvement. However, the fact that the "earth" was already a good one might account for this. I would strongly recommend those interested in DX work to make sure that they have a good earth system as I am satisfied this makes all the difference between good and poor results, and warrants as much if not more attention than the aerial.

A successful "DX"-er must possess three things (1) a good receiving set; (2) good aerial and other equipment; (3) abundance of patience. As regards the latter it is not at all unusual for one to spend the best part of an hour in the early part of the evening endeavouring to pick up some new "Yank" and then have to leave the set without having brought in anything unusual. Then again one might pick up a weak station and hang on to it for half an hour or more without being able to learn its identity. The beginner who has not logged any American stations is recommended to calibrate his set and then spend a few consecutive evenings concentrating on the most likely stations such as KFON, KGO, KEX, etc. It need hardly be added that careful tuning is essential as it is the simplest thing in the world to pass a weak signal especially from a distant station. The successful "DX"-er does not necessarily require to possess any particular skill in operating his receiving set—if this were necessary I am afraid my log would be "non est"!

The letters of verification from the different stations are (to me at any rate) very interesting especially those received from America and Japan. Most of the American stations enclose what are called EKKO stamps in verification of reception. These stamps, which are quite a work of art, bear in addition to the design the call letters of the station and the word "verification." These stamps are adhesive, it being possible to procure an album in which to place them. (As yet the number that I have, does not warrant the purchase of an album!) It is gratifying that of the 56 stations written to, in five countries, only one has failed to reply—and that station a "local."

I am not living in a particularly good locality for reception being right in town. Friends out in the country with sets similar to my own obtain better results.

Trusting that the readers who have been interested enough to wade through the foregoing have not been "left cold."—Guy C. Holmes, (Masterton).

[For the benefit of further correspondents we would say that it is our practice to delete the names of sets used (particularly factory built sets) as otherwise insidious advertising may be encouraged. This practice is en-



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