No.	MLG-2
Sheet	1 of 1 Sheets
Date	4-2-34

MICROPHONE DATA SHEET

Revised-4-15-35

(1) Type Designation.....PB-17 (Model PB-17-B1)

(2) Name of Levice.....Ribbon Microphone

(3) Master Item (MI) Number.....3000

(4) Application or Applications.....Sound Recording

(5) Output Impedance or Impedances.....250.....ohms

(6) Load Impedance or Impedances.....250.....ohms

(7) Frequency Response - Refer to S-822163.....here attached**

(8) Output Level
(a).....-41.4.....*db. across.....250.....ohms
(b)....15 x 10^{3}...micro-volts/bar, across.....250.....ohms

(9) Type of Magnet.....Electro-Magnet, 6-Volts, 1-Ampere.....***

(10) Photographs - Refer to Nos.....33361.....here attached

(11) Weight.....18.....lbs. (Unpacked)

(12) Type of Finish.....Sand Blasted Aluminum

(13) Means Provided for External Connection.....Cannon Type...FS-54

(14) Type & Size of Cable Required.....5 Conductor Shielded #16 B&S Conductors

(15) Overall Dimensions
(a) Overall Length.....17.....in.
(b) Overall Width.....in.
(c) Overall Depth.....in.
(d) Overall Diameter.....6½.....in.

(16) Drawing Reference
(a) Assembly Dwg. No.....T-600077
(b) Wiring Dwg. No.....T-600314

Design Engineer..L. J. Anderson

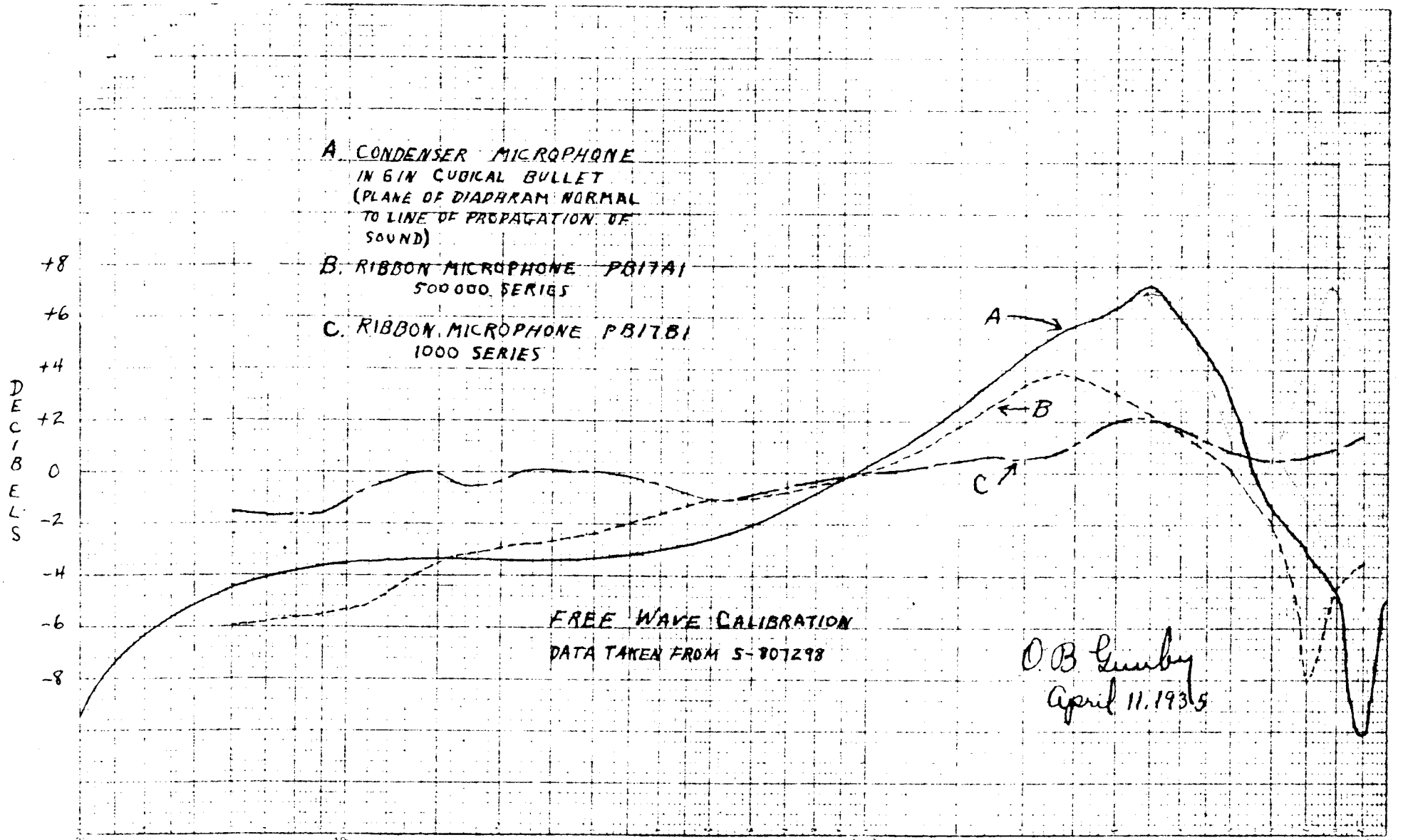
* Zero DB. reference level = 0.0125 watt

** Curve Sheet should specify the value of resistance across which the output voltage is measured.

*** If Electro-magnetic type, the voltage and current of electro-magnet should be specified.

18005-R

S-822167


A. CONDENSER MICROPHONE
IN 6 IN CUBICAL BULLET
(PLANE OF DIAPHRAM NORMAL
TO LINE OF PROPAGATION OF
SOUND)
B. RIBBON MICROPHONE PB17A1
500 000 SERIES
C. RIBBON MICROPHONE PB17B1
1000 SERIES
+8
+6
+4
+2
0
-2
-4
-6
-8
DECIBELS
A
B
C
FREE WAVE CALIBRATION
DATA TAKEN FROM S-807298
O B Gumby
April 11. 1935
30
100
1000
10,000
FREQUENCY IN CYCLES PER SECOND

S-822163