

Hampstead 7294.

"Craigmore,"

37 Frognal,

Hampstead,

N.W.3.

21st Octob. 1954

Dear Mr. Curro,

In answer to your question, I feel that Mr. Jernych is rather misleading, that is, if by the deep C he means the fundamental. If not, then I do not know what he means.

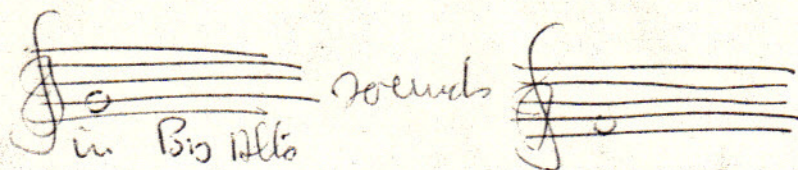
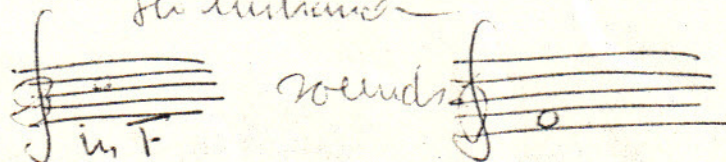
The fundamental is most certainly obtainable by any player with a slack enough embouchure, though it is unobtainable on any crook below about G or F.

The fundamental must definitely exist. For if it did not, then all the notes of the harmonic series which spring from it also would not exist.

A little diagram over leaf may help, and we must also remember

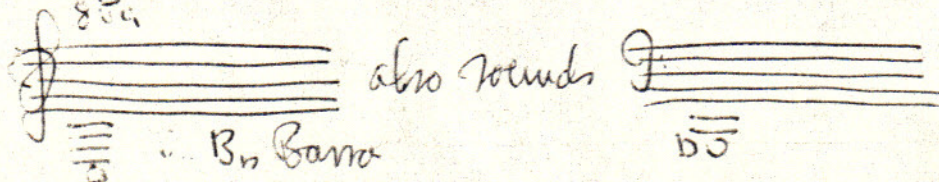
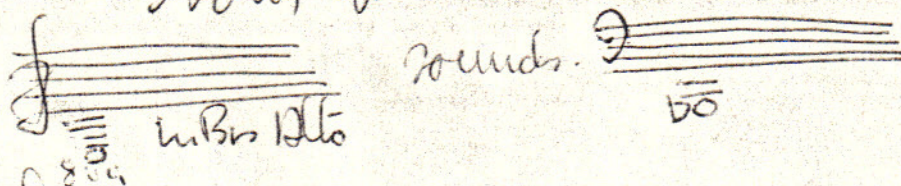
that, as the number of the line by their division determine the pitch of the note produced, then for any given pitch, the division must be the same, regardless of which harmonic it is at the time.

For instance—



In F the harmonic used is the 8th 2
in B♭ it is the 6th yet the division on the
line is exactly the same because the pitch
is the same.

Now, if—



yet in B♭ Alto it is the fundamental

Hampstead 7234.

"Craigmore,"

37 Frognal,

Hampstead,

N.W.3.

A deep C, and in B♭ Bass it is the second harmonic; which proves that it theoretically and practically exists.

The low B♭ into second octave is used on many occasions; for the second time at the opening of the 4th Symphony of Beethoven, and also in the Serenade of Brittén at the end of the 1st movement; and, as it is the fundamental on the B♭ Alto Horn, and in my recording is blanged as such, I think it answers your question.

To obtain the deep C on horns lower than that depends on a very slack lip and is only practicable down to the F format player, though there is no reason why it should not be produced on the B♭ Baritone Horn, which

would then sound the loudest B on
the instrument.

If you are in the future, at a concert
at which I am playing, do not hesitate
to come round, as I think one minute
demonstration is worth thousands of
worth-words.

Yours Sincerely

Edw. Bran.