

Request #: HUTRR99
Title: Voice Dictation Usage
Spec Release: 1.21
Requester: Olivier Gay
Company: Logitech

Pages Affected: Consumer (0x0C)
Values checked: By chair (Matthew Williams)

Current Status: **Approved**
Priority: Normal

Required Voter: Microsoft
Required Voter: Apple
Required Voter: Intel

Voting Begins: 25th November 2020
Voting Ends: 2nd December 2020
Voting Result: 5-0

Summary:

Add a new Usage to the Consumer Page (0x0C) to support the control of voice dictation sessions.

Scenario:

A user activates the “Start/Stop Voice Dictation” control on a consumer device to direct the application to begin a voice dictation session. The application will parse spoken words (e.g. captured by the host using the host’s microphone) until the control is activated again. The parsed words might then be used by the application itself (e.g. displayed on a screen), or passed to another application as text for further processing.

Note: Defined as a OOC in this proposal so activating the control acts as a toggle. This allows the application to start/stop a dictation session using other means (e.g. through a GUI) without concern for maintaining device state.

Proposal:

Add/modify to Table 15.1: Consumer Page

Usage ID: 0xD8
Usage Name: Start/Stop Voice Dictation Session
Usage Types: OOC

Usage ID: 0xD9-0xDF
Usage Name: Reserved

Add the following to the descriptions in section 15.3 General Controls

Usage Name: Start/Stop Voice Dictation Session
Usage Type: OOC
Description: Starts or stops a voice dictation session. If a session is not in progress, activation will start a new dictation session. If a session is in progress, activation will stop the session.

Sample Descriptor:

```
0x05, 0x0C, // UsagePage(Consumer[12])
0x09, 0x01, // UsageId(Consumer Control[1])
0xA1, 0x01, // Collection(Application)
0x85, 0x01, // ReportId(1)
0x09, 0xD8, // UsageId(Start or Stop Voice Dictation Session[216])
0x25, 0x01, // LogicalMaximum(1)
0x95, 0x01, // ReportCount(1)
0x75, 0x01, // ReportSize(1)
0x81, 0x06, // Input(Data, Variable, Relative, NoWrap, Linear, PreferredState,
NonnullPosition, BitField)
0x75, 0x07, // ReportSize(7)
0x81, 0x03, // Input(Constant, Variable, Absolute, NoWrap, Linear, PreferredState,
NonnullPosition, BitField)
0xC0, // EndCollection()
```