

Request #: HUTRR112
Title: Correct Sensor UsageId Assignments
Spec Release: 1.4
Requester: Matthew Williams
Company: Microsoft

Current Status: **Approved**
Priority: Normal

Required Voter: Dell
Required Voter: Intel
Required Voter: Wacom

Voting Begins: 10th October 2023
Voting Ends: 17th October 2023
Voting Result: 3-0

Summary:

Correcting several Sensor UsageIds introduced in HUTRR59-WearableSensors.

Background:

It has been recently observed that there was misalignment in the tables of HUTRR59-WearableSensors and the “#define HID_USAGE_SENSOR” definitions included in the document. Several vendors implemented these Usages by taking the #defines definitions, not the Ids from the table.

Proposal:

Update the table with the UsageIds specified in the #define definitions.

- Reassign ‘Personal Activity: Pedometer’ UsageId from UsageId:0xB3 to UsageId:0xB4
- Reassign ‘Personal Activity: Step Detection’ UsageId from UsageId:0xB4 to UsageId:0xB5
- Add ‘Personal Activity: Floor Tracker’ UsageId with UsageId:0xB3
- Add ‘Reporting State: Anytime’ UsageId with UsageId:0x846
- Reassign ‘Step Type: Running’ UsageId from UsageId:0x991 to UsageId:0x992
- Reassign ‘Step Type: Walking’ UsageId from UsageId:0x992 to UsageId:0x991