Summary:
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This is a request for an addendum to the previously ratified Dockable Keyboard collection (HUTTR90). This Review Request adds an additional usage for a previously ratified Dockable Device collection called Device Object Type.

Background:
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In HUTTR90, we ratified a new HID Collection called Dockable Device. We are requesting an addendum to the usage called Device Object Type. It is possible that there could be multiple Dockable Objects placed relative to the display that also include different objects types such as a HID Device, Display, or NFC devices.

Proposal:
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All changes are localized to Chapter 4 Generic Desktop Page (0x01).

New usages to be added to Table 6: Generic Desktop Page

<table>
<thead>
<tr>
<th>Dockable Device Object Type</th>
<th>DV</th>
<th>An Enum which specifies the type of object which is being docked. This is an optional usage. There are four values in this Enum: 0 – Unspecified</th>
<th>OXD6</th>
</tr>
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</table>
### Sample descriptors:

#### Device Dock:

The below descriptor describes a Device Dock collection which contains a single Input report which supports reporting the docking state of a Dockable Device with a rectangular-shaped display occlusion region as well as the Device Object Type to specify the type of object which is being docked on the Device Dock.

```plaintext
0x05, HID_USAGE_PAGE_GENERIC,       // USAGE_PAGE (Generic Desktop)
0x09, HID_USAGE_GENERIC_DEVICE_DOCK, // USAGE (Device Dock)
0xa1, 0x01,                           // COLLECTION (Application)
0x85, 0x01,                           // REPORT_ID (1)
0x05, HID_USAGE_PAGE_GENERIC,        // USAGE_PAGE (Generic Desktop)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_UNIQUE_ID, // USAGE (Dockable Device Unique ID)
0x15, 0x00,                           // LOGICAL_MINIMUM (0)
0x26, 0xff, 0x00,                     // LOGICAL_MAXIMUM (255)
0x75, 0x08,                           // REPORT_SIZE (8)
0x95, 0x08,                           // REPORT_COUNT (8)
0x81, 0x03,                           // INPUT (Data,Ary,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_VENDOR_ID, // USAGE (Dockable Device Vendor ID)
0x15, 0x00,                           // LOGICAL_MINIMUM (0)
0x27, 0xff, 0xff, 0x00, 0x00,         // LOGICAL_MAXIMUM (65535)
0x75, 0x10,                           // REPORT_SIZE (16)
0x95, 0x01,                           // REPORT_COUNT (1)
0x81, 0x02,                           // INPUT (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_OBJECT_TYPE, // USAGE (Dockable Device Object Type)
0x81, 0x02,                           // INPUT (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_USAGEPAGE, // USAGE (Dockable Device Primary Usage Page)
0x81, 0x02,                           // INPUT (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_USAGE, // USAGE (Dockable Device Primary Usage ID)
0x81, 0x02,                           // INPUT (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_DOCKING_STATE, // USAGE (Dockable Device Docking State)
0x15, 0x00,                           // LOGICAL_MINIMUM (0)
0x25, 0x01,                           // LOGICAL_MAXIMUM (1)
0x75, 0x01,                           // REPORT_SIZE (1)
0x95, 0x01,                           // REPORT_COUNT (1)
0x81, 0x02,                           // INPUT (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_DISPLAY_OCCLUSION, // USAGE (Dockable Device Display Occlusion)
0x15, 0x00,                           // PHYSICAL_MINIMUM (0)
0x26, 0xff, 0x7f,                     // PHYSICAL_MAXIMUM (32767)
0x35, 0x00,                           // PHYSICAL_MINIMUM (0)
```
Dockable Device:

The following descriptor describes a Dockable Device collection which contains a single Feature report containing its Unique ID, Vendor ID, Primary Usage Page, and Primary Usage ID. This can be used by the host to identify the specific Dockable Device that docked.

```
0x05, HID_USAGE_PAGE_GENERIC, // USAGE_PAGE (Generic Desktop)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE, // USAGE (Dockable Device)
0xa1, 0x01, // COLLECTION (Application)
0x85, 0x01, // REPORT_ID (1)
0x05, HID_USAGE_PAGE_GENERIC, // USAGE_PAGE (Generic Desktop)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_UNIQUE_ID, // USAGE (Dockable Device Unique ID)
0x15, 0x00, // LOGICAL_MINIMUM (0)
0x26, 0xff, 0x00, // LOGICAL_MAXIMUM (255)
0x75, 0x08, // REPORT_SIZE (8)
0x95, 0x08, // REPORT_COUNT (8)
0xb1, 0x03, // FEATURE (Data,Ary,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_VENDOR_ID, // USAGE (Dockable Device Vendor ID)
0x15, 0x00, // LOGICAL_MINIMUM (0)
0x27, 0xff, 0xff, 0x00, 0x00, // LOGICAL_MAXIMUM (65535)
0x75, 0x10, // REPORT_SIZE (16)
0x95, 0x01, // REPORT_COUNT (1)
0xb1, 0x02, // FEATURE (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_OBJECT_TYPE, // USAGE (Dockable Device Object Type)
0xb1, 0x02, // FEATURE (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_USAGEPAGE, // USAGE (Dockable Device Primary Usage Page)
0xb1, 0x02, // FEATURE (Data,Var,Abs)
0x09, HID_USAGE_GENERIC_DOCKABLE_DEVICE_USAGE, // USAGE (Dockable Device Primary Usage ID)
0xb1, 0x02, // FEATURE (Data,Var,Abs)
0xc0 // END_COLLECTION
```
Response:
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