



ISO/IEC JTC1/SC 35 – User Interfaces **SC35N551**

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Current Activity for Accessibility Guideline and the Position and Policy of SC35/WG6 in Japan

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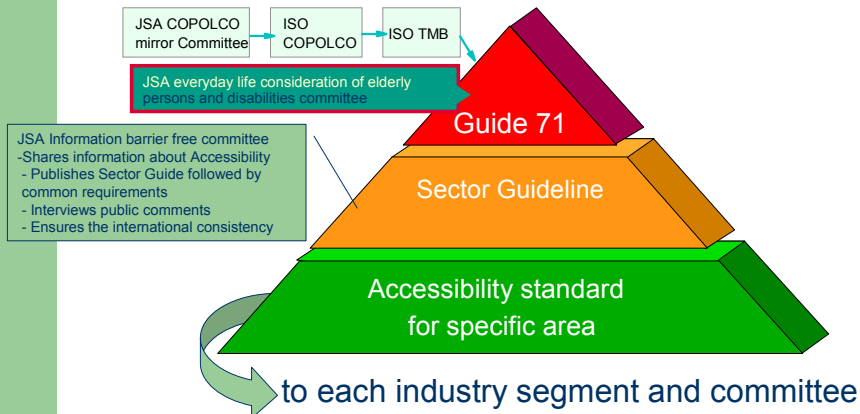
On the accessibility guideline in the information field 1



- List of JIS standards
 - Guide 71 (Japanese translation)
 - marking tactile dots on consumer products
 - Usability of consumer product
 - Auditory signals on consumer products
 - Packaging and receptacles
 - Packaging and receptacles - Test methods for opening
 - Designing of clothes
 - Product information for consumers
 - Instructions for use of products of consumer interest
 - etc.

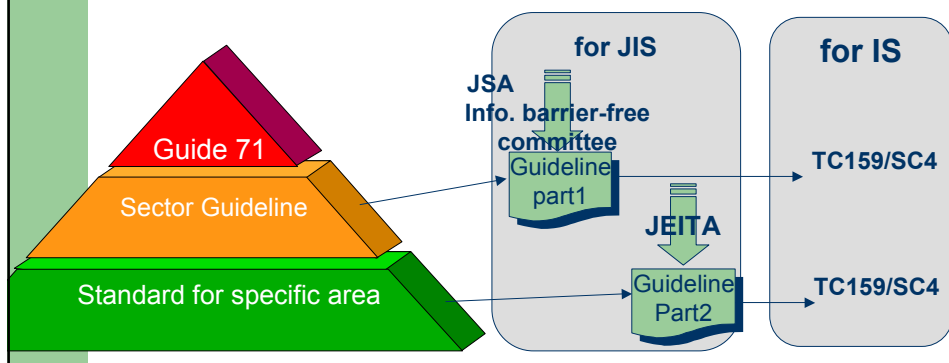
On the accessibility guideline in the information field 2

- Structure of guideline for accessibility in Japan



On the accessibility guideline in the information field 3

- Current activity in the field of Information Communication Equipments and Service



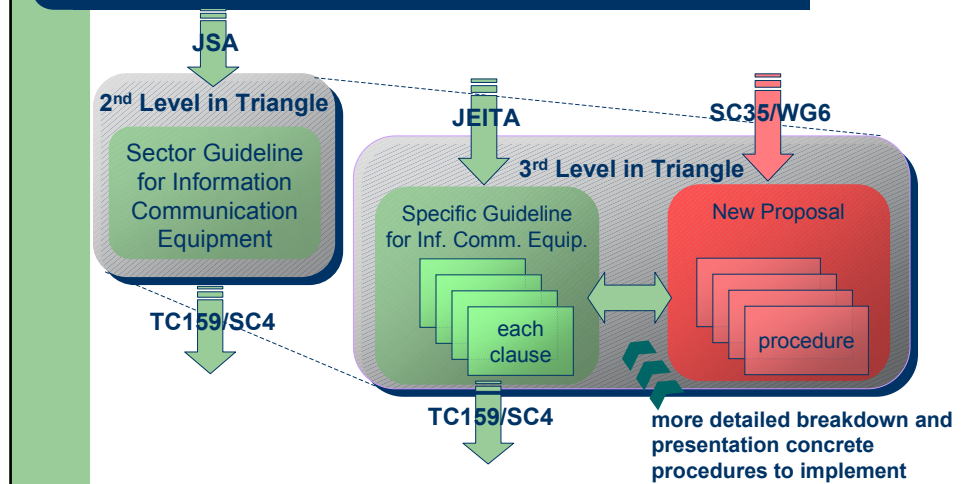
On the accessibility guideline in the information field 4

- Title of guidelines by JSA and JEITA
 - Sector Guideline = (JSA Information barrier-free committee)
 - (Part 1) Ergonomics of human system interaction- Accessibility Guidelines for information communication equipment and services -Generic Guideline
 - Guideline for Specific Area = JEITA (Japan Electronics and Information Technology Industries Association)
 - (Part 2) Ergonomics of human system interaction- Accessibility Guidelines for information communication technology and service -Information processing equipment

On the accessibility guideline in the information field 5

- The each clause in the proposal of JEITA include useful information for the accessibility.
- But on the other hand, the proposal of JEITA is still general and it doesn't show the concrete and effective methods to implement for information equipment and services.
- **Therefore, we will refer and regard for the proposal of JEITA to propose the new standard in the future.**
- **We would like to suggest more detailed breakdown in the proposal of JEITA and presentation concrete procedures to implement.**

On the accessibility guideline in the information field 6



On the proposal in the future 1

- For Concrete item
 - Targeted and estimated values in proposal of JEITA are not clear and are obscurity.
 - The classification and the level of the disabled function are not considered specify and ambiguity.
- > **Description the value as clear as possible**
- > **Proposal of countermeasure for inexpressible with the value**
 - For example, whether attach any button or not
- > **Categorization and level organization the disable function to a certain extend**
 - Specify addressed disable function. For example, “for complete blindness”, or “for poor eyesight”

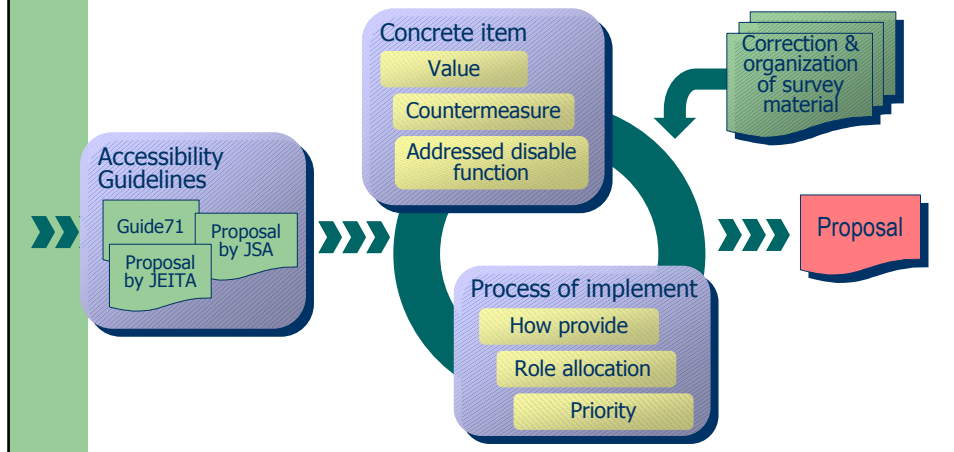
On the proposal in the future 2

- For process of implement
 - Not clear how to provide the function that assists elderly and disabled
- > **How provide the PC function (Alternatively, optionally or shared)**
- > **Clarify the process for approach to the PC function**
- > **Clarify the role allocation of the function (Hardware, OS or Application)**
- > **Clarify the priority of the function specified**

On the proposal in the future 3

- On data correction and organization
 - It is necessary to collect and organize data which can be supported to propose the rational and precise value.
 - Moreover, It is necessary to collect cases in current usage by companies
- > **Accumulation and sharing of data not only the value also cases in current usage by companies.**
 - For example, AIST(National Institute of Advanced Industrial Science and Technology) is correcting these data.
 - And, Kyoyo-Hin Foundation in Japan conduct a survey of requests from elderly and disabled.

On the proposal in the future 4



On the proposal in the future 5

- Example

- **6.1.3 Enlargement and reduction of display**

- Enlargement and reduction of the size of screen information shall be possible to make it easy to see. [essential]

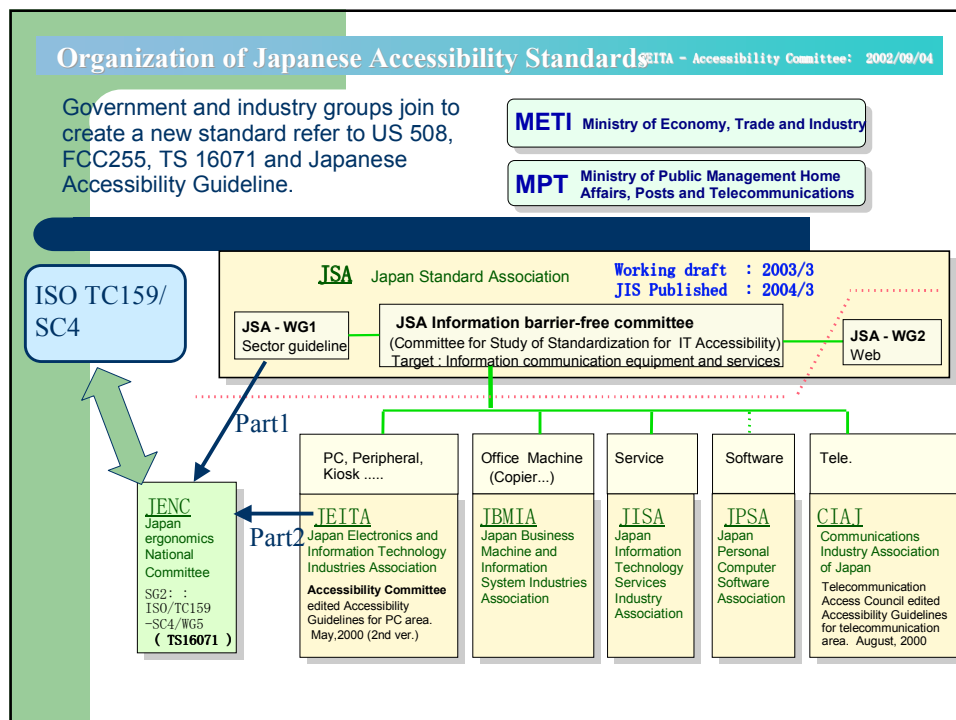
For which disabled function?

OS or Application?

Concrete Value?

How provide?

- Thank you for your attention.



Annex

- Research group for sensory-substitution
<http://www.sensory-substitution.gr.jp/>
- "Questionnaire inconvenience" by Kyoyo-hin Foundation
<http://www.kyoyohin.org/>