

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 895

DATE: AUGUST 1, 2020

PROJECT RP0280

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	H04N	5/4401, 5/4403, 2005/4405, 2005/4407, 2005/4408, 2005/441, 2005/4412, 2005/4414, 2005/4416, 2005/4417, 2005/4419, 2005/4421, 2005/4423, 2005/4425, 2005/4426, 2005/4428, 2005/443, 2005/4432, 2005/4433, 2005/4435, 2005/4437, 2005/4439, 2005/4441, 2005/4442, 2005/4444, 5/44508, 5/44513, 2005/44517, 2005/44521, 2005/44526, 2005/4453, 2005/44534, 2005/44539, 5/44543, 2005/44547, 2005/44552, 2005/44556, 2005/4456, 2005/44565, 2005/44569, 2005/44573, 2005/44578, 5/44582, 2005/44586, 5/44591, 2005/44595
	H04N	2021/225
Titles Changed:	H04N	5/38, 5/44, 5/44504, 5/45, 5/60
	H04N	21/42204, 21/42224, 21/426, 21/4383, 21/4586, 21/47
DEFINITIONS:		
Definitions New:	H04N	5/44504, 5/45, 5/505, 5/60
	H04N	21/42224
Definitions Modified:	H04N	5/38, 5/44, 5/455, 5/50, 5/63, 5/76
	H04N	9/79
	H04N	21/42204, 21/4383, 21/4586, 21/47

The following subclasses are also impacted by this project: G01R, G06F, G08C, H04H, and H04L

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS H04N - PICTORIAL COMMUNICATION, e.g. TELEVISION**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to[#]</u>
M	H04N 5/38	1	Transmitter circuitry {for the transmission of television signals according to analogue transmission standards} (H04N5/14 takes precedence)	
M	H04N 5/44	1	Receiver circuitry {for the reception of television signals according to analogue transmission standards} (H04N5/14 takes precedence)	
D	H04N 5/4401	2	{for the reception of a digital modulated video signal}	<administrative transfer to H04N21/426>
D	H04N 5/4403	2	{User interfaces for controlling a television receiver or set top box [STB] through a remote control device, e.g. graphical user interfaces [GUI]; Remote control devices therefor (user interfaces for controlling a tuning device of a television receiver through a remote control H03J9/00; constructive details of casings for the remote control device H01H9/0235; remote control of peripheral devices connected to a television receiver through the remote control device of the television receiver H04B1/205; remote control devices in general G08C)}	<administrative transfer to H04N21/42204>
D	H04N 2005/4405	3	{Hardware details of remote control devices}	<administrative transfer to H04N21/42206 INV>
D	H04N 2005/4407	4	{concerning bidirectional operation of the remote control device}	<administrative transfer to H04N21/41265 INV>
D	H04N 2005/4408	4	{Display}	<administrative transfer to H04N21/42208 INV>
D	H04N 2005/441	5	{for the display of non-command information, e.g. electronic program guide [EPG], e-mail, messages or a second television channel}	<administrative transfer to H04N21/42209 INV>
D	H04N 2005/4412	4	{Dedicated function buttons, e.g. for the control of an electronic program guide [EPG], subtitles, aspect ratio, picture-in-picture or teletext}	<administrative transfer to H04N21/4221 INV>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	H04N 2005/4414	5	{for controlling a communication function, e.g. e-mail, teleshopping or an Internet browser}	<administrative transfer to H04N21/478 INV>
D	H04N 2005/4416	4	{Keyboard}	<administrative transfer to H04N21/42212 INV>
D	H04N 2005/4417	5	{Data entry}	<administrative transfer to H04N21/42213 INV>
D	H04N 2005/4419	6	{Alphanumerical data entry}	<administrative transfer to H04N21/42214 INV>
D	H04N 2005/4421	6	{Measuring key press duration}	<administrative transfer to H04N21/42215 INV>
D	H04N 2005/4423	4	{Remote control device emulator integrated in a peripheral device}	<administrative transfer to H04N21/41265 INV>
D	H04N 2005/4425	4	{Remote control device emulator integrated into a non-television apparatus, e.g. a PDA, media center or smart toy (remote control device for a television receiver integrated into a mobile phone H04M1/72533)}	<administrative transfer to H04N21/4222 INV>
D	H04N 2005/4426	4	{Transmission circuitry, e.g. infrared [IR] or radio frequency [RF]}	<administrative transfer to H04N21/42221 INV>
D	H04N 2005/4428	4	{Non-standard components, e.g. timer, speaker, sensors for detecting position, direction or movement of the remote control, microphone, battery charging device}	<administrative transfer to H04N21/42222 INV>
D	H04N 2005/443	4	{Touch pad or touch panel}	<administrative transfer to H04N21/42224 INV>
D	H04N 2005/4432	4	{Remote control devices equipped or combined with PC-like input means, e.g. voice recognition or pointing device}	<administrative transfer to H04N21/42206 INV>
D	H04N 2005/4433	4	{for the control of devices in remote rooms}	<administrative transfer to H04N21/4227 INV>
D	H04N 2005/4435	3	{Reprogrammable remote control devices}	<administrative transfer to H04N21/42226 INV>
D	H04N 2005/4437	4	{capable of upgrading firmware, e.g. in case of hardware upgrades or bug fixes}	<administrative transfer to H04N21/42226 INV and H04N21/4586 INV simultaneously>
D	H04N 2005/4439	4	{the keys being reprogrammable, e.g. soft keys}	<administrative transfer to H04N21/42227 INV>
D	H04N 2005/4441	5	{the reprogrammable keys being displayed on a display screen in order to reduce the number of keys on the remote control device itself}	<administrative transfer to H04N21/42228 INV>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	H04N 2005/4442	3	{Remote control devices for a multi-user environment}	<administrative transfer to H04N21/42206 INV, H04N21/4532 and H04N21/4751 INV simultaneously >
D	H04N 2005/4444	3	{Intelligent remote control devices capable of taking into account user habits, preferences or profiles}	<administrative transfer to H04N21/42206 INV and H04N21/4532 INV simultaneously >
M	H04N 5/44504	3	{Circuit details of the additional information generator, e.g. details of the character or graphics signal generator, overlay mixing circuits}	
D	H04N 5/44508	3	{multiplexed with a digital video signal}	<administrative transfer to H04N21/434>
D	H04N 5/44513	3	{for displaying or controlling a single function of one single apparatus, e.g. TV receiver or VCR}	<administrative transfer to H04N21/47>
D	H04N 2005/44517	4	{for displaying or controlling status parameters of the television receiver, e.g. brightness, contrast, sound volume, channel number, time, stereo or mono sound modes}	<administrative transfer to H04N21/485 INV>
D	H04N 2005/44521	4	{for displaying information which has no relation with a video programme, e.g. subliminal info, commercial messages, notebook, calendar, cooking recipes}	<administrative transfer to H04N21/478 INV>
D	H04N 2005/44526	4	{for displaying subtitles}	<administrative transfer to H04N21/4884 INV>
D	H04N 2005/4453	4	{for displaying teletext characters}	<administrative transfer to H04N21/4888 INV>
D	H04N 2005/44534	4	{for displaying information generated by a single external video device, e.g. VCR, set top converter}	<administrative transfer to H04N21/47 INV>
D	H04N 2005/44539	4	{involving multilingual on screen display [OSD] options}	<administrative transfer to H04N21/4856 INV and H04N21/42653 INV simultaneously>
D	H04N 5/44543	3	{Menu-type displays (H04N 5/44582, H04N 5/44591 take precedence)}	<administrative transfer to H04N21/47>
D	H04N 2005/44547	4	{for scheduling the TV programmes to be recorded by a video tape recorder or to be viewed on the TV receiver}	<administrative transfer to H04N21/47214 INV and H04N21/4334 INV simultaneously>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	H04N 2005/44552	5	{involving the use of teletext programme scheduling codes, e.g. VPS codes, G-codes}	<administrative transfer to H04N21/47214 INV >
D	H04N 2005/44556	4	{for programme selection}	<administrative transfer to H04N21/482 INV>
D	H04N 2005/4456	4	{as a user interface for communicating with the broadcast station via a return link, e.g. for subscription or transaction terminal, for teleshopping, or as an interactive entertainment terminal, e.g. for quiz, for interactive games}	<administrative transfer to H04N21/472 INV>
D	H04N 2005/44565	5	{the menu or graphical user interface display parameters being downloaded by the service provider or by the broadcast station}	<administrative transfer to H04N21/47 INV and H04N21/6547 INV simultaneously>
D	H04N 2005/44569	5	{whereby user selections, preferences, or profile have an impact on the menu content}	<administrative transfer to H04N21/47 INV and H04N21/4532 INV simultaneously>
D	H04N 2005/44573	4	{for using the television receiver as a multimedia terminal}	<administrative transfer to H04N21/478 INV>
D	H04N 2005/44578	5	{involving the communication via a network, e.g. local area network [LAN], wide area network [WAN], internet, intranet}	<administrative transfer to H04N21/478 INV and H04N21/4622 INV simultaneously >
D	H04N 5/44582	3	{the additional information being controlled by a remote control apparatus}	<administrative transfer to H04N21/47 and H04N21/42204 simultaneously >
D	H04N 2005/44586	4	{whereby remote controller buttons have been transferred to the on screen display [OSD] menu}	<administrative transfer to H04N21/47 and H04N21/42228 INV simultaneously >
D	H04N 5/44591	3	{the additional information being displayed in a separate window, e.g. by using splitscreen display}	<administrative transfer to H04N21/47 and H04N21/4316 simultaneously >
D	H04N 2005/44595	4	{the separate window being opened at the occurrence of a selection of a menu option or item}	<administrative transfer to H04N21/47 and H04N21/4316 INV simultaneously >
M	H04N 5/45	3	Picture in picture {, e.g. displaying simultaneously another television channel in a region of the screen}	
M	H04N 5/60	2	for the sound signals	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	H04N 2021/225	4	{local VOD servers}	<administrative transfer to H04N21/2225 INV>
T	H04N 21/42204	4	{User interfaces specially adapted for controlling a client device through a remote control device; Remote control devices therefor (constructive details of casings for the remote control device H01H9/0235; user interfaces for controlling a tuning device of a television receiver through a remote control H03J9/00; remote control of peripheral devices connected to a television receiver through the remote control device of the television receiver H04B1/205)}	
T	H04N 21/42224	6	{Touch pad or touch panel provided on the remote control}	
T	H04N 21/426	3	Internal components of the client {; Characteristics thereof} (H04N5/44 takes precedence)	
M	H04N 21/4383	4	{Accessing a communication channel}	
T	H04N 21/4586	4	{Content update operation triggered locally, e.g. by comparing the version of software modules in a DVB carousel to the version stored locally (deployment, distribution, installation, update of software G06F8/65; error detection or correction of the data by redundancy during software upgrading G06F11/1433; arrangements for updating broadcast information or broadcast-related information H04H60/25)}	
T	H04N 21/47	2	End-user applications	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.

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- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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2. A. DEFINITIONS (New)

Insert the following new definitions.

H04N 5/44504

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Generation of individual character patterns for visual indicators	G09G 5/24
Graphics pattern generators for visual indicators	G09G 5/36
Characteristics of or internal components of the client for processing graphics	H04N 21/42653

H04N 5/45

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Displaying supplemental content in a region of the screen	H04N 21/4316
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H04N 5/505

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Muting the audio signal in clients	H04N 21/4396
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H04N 5/60

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Invisible or silent tuning	H04N 5/505
Processing of audio elementary streams in clients	H04N 21/439

H04N 21/42224

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Touch pads in general	G06F 3/03547
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
H04N 5/38	Informative references	Transmitter circuits per se H04B1/04	<u>Insert</u> the following <u>new</u> row in the Informative references table. Characteristics or internal components of servers H04N 21/226
H04N 5/44	Informative references	Receiver circuits per se H04B1/16	<u>Insert</u> the following <u>new</u> row in the Informative references table. Characteristics or internal components of clients H04N 21/426
H04N 5/455	Informative references	Digital communication demodulator circuits H01L27/06, H01L27/14, H01L27/22 Demodulation per se H03D	<u>Insert</u> the following <u>new</u> row in the Informative references table. Decoding digital information by demodulating in clients H04N 21/42676
H04N 5/50	Informative references	Tuning resonant circuits per se H03J Automatic frequency control per se H03J7/02	<u>Insert</u> the following <u>new</u> row in the Informative references table. Accessing communication channels in clients, tuning H04N 21/4383

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
H04N 5/63	Informative references	Regulating of voltage or current in general G05F Transformers H01F29/00, H01F30/00 Supplying or distributing electric power, in general H02J Static converters H02M	<u>Insert</u> the following <u>new</u> row in the Informative references table. Power management in clients H04N 21/4436
H04N 5/76	Informative references	User interface of set top boxes H04N 5/44543	<u>Replace</u> the existing row with the following new row. User interface of set top boxes H04N 21/47
H04N 9/79	Limiting references	Video camera constructional details H04N 5/225 Production of a video signal from a motion picture film H04N 5/253 Interfaces H04N 5/44 User interface of set top boxes H04N 5/44543 Video data coding H04N 19/00 Network video distribution H04N 21/236 Video data processing for printing G03F 1/00 Video editing G11B 27/034 Recording techniques specially adapted to a recording medium for recording digital data in general G11B 27/10 Control of video recorders where the video signal is not substantially involved G11B 31/00	<u>Delete</u> the entire Limiting references section.

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
H04N 9/79	Informative references		<p><u>Insert</u> the following <u>new</u> rows in the existing Informative references section.</p> <p>Video camera constructional details H04N 5/225</p> <p>Production of a video signal from a motion picture film H04N 5/253</p> <p>Interfaces H04N 5/44</p> <p>User interface of set top boxes H04N 21/47</p> <p>Video data coding H04N 19/00</p> <p>Network video distribution H04N 21/236</p> <p>Video data processing for printing G03F 1/00</p> <p>Video editing G11B 27/034</p> <p>Recording techniques specially adapted to a recording medium for recording digital data in general G11B 27/10</p> <p>Control of video recorders where the video signal is not substantially involved G11B 31/00</p>

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
H04N 21/42204	Limiting references	<p>Computer pointing devices in general G06F3/033</p> <p>Interaction techniques for graphical user interfaces in general G06F3/048</p> <p>Remote control devices in general G08C</p>	<p><u>Delete</u> the following three rows from the Limiting references table.</p> <p>Computer pointing devices in general G06F 3/033</p> <p>Interaction techniques for graphical user interfaces in general G06F 3/048</p> <p>Remote control devices in general G08C</p>
H04N 21/42204			<p><u>Insert</u> the following <u>new</u> Informative references section.</p> <p><i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Computer pointing devices in general G06F 3/033</p> <p>Interaction techniques for graphical user interfaces in general G06F 3/048</p> <p>Remote control devices in general G08C</p>
H04N 21/4383			<p><u>Insert</u> the following <u>new</u> Informative references section.</p> <p><i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i></p>

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
			Tuning indicators; Automatic tuning control H04N 5/50
H04N 21/4586	Limiting references	Program updating while running in general G06F 8/656	<u>Delete</u> the following row from the Limiting references table. Program updating while running in general G06F 8/656
H04N 21/4586			<u>Insert</u> the following <u>new</u> Informative references section. <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i> Program updating while running in general G06F 8/656
H04N 21/47	Limiting references	Services or applications for real-time multimedia communications H04L 29/06387	<u>Delete</u> the entire Limiting references section.
H04N 21/47	Informative references	Receiver circuitry for displaying additional information H04N5/445 Interaction techniques for graphical user interfaces G06F3/048 Software engineering for user interfaces G06F8/20	<u>Insert</u> the following row in the Informative references section. Services or applications for real-time multimedia communications H04L 29/06387

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NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	H04N 5/4401	<administrative transfer to H04N 21/426>
D	H04N 5/4403	<administrative transfer to H04N 21/42204>
D	H04N 2005/4405	<administrative transfer to H04N 21/42206 INV>
D	H04N 2005/4407	<administrative transfer to H04N 21/41265 INV>
D	H04N 2005/4408	<administrative transfer to H04N 21/42208 INV>
D	H04N 2005/441	<administrative transfer to H04N 21/42209 INV>
D	H04N 2005/4412	<administrative transfer to H04N 21/4221 INV>
D	H04N 2005/4414	<administrative transfer to H04N 21/478 INV>
D	H04N 2005/4416	<administrative transfer to H04N 21/42212 INV>
D	H04N 2005/4417	<administrative transfer to H04N 21/42213 INV>
D	H04N 2005/4419	<administrative transfer to H04N 21/42214 INV>
D	H04N 2005/4421	<administrative transfer to H04N 21/42215 INV>
D	H04N 2005/4423	<administrative transfer to H04N 21/41265 INV>
D	H04N 2005/4425	<administrative transfer to H04N 21/4222 INV>
D	H04N 2005/4426	<administrative transfer to H04N 21/42221 INV>
D	H04N 2005/4428	<administrative transfer to H04N 21/42222 INV>
D	H04N 2005/443	<administrative transfer to H04N 21/42224 INV>
D	H04N 2005/4432	<administrative transfer to H04N 21/42206 INV>
D	H04N 2005/4433	<administrative transfer to H04N 21/4227 INV>
D	H04N 2005/4435	<administrative transfer to H04N 21/42226 INV>
D	H04N 2005/4437	<administrative transfer to H04N 21/42226 INV and H04N 21/4586 INV simultaneously>
D	H04N 2005/4439	<administrative transfer to H04N 21/42227 INV>
D	H04N 2005/4441	<administrative transfer to H04N 21/42228 INV>
D	H04N 2005/4442	<administrative transfer to H04N 21/42206 INV, H04N 21/4532 and H04N 21/4751 INV simultaneously >
D	H04N 2005/4444	<administrative transfer to H04N 21/42206 INV and H04N 21/4532 INV simultaneously >
D	H04N 5/44508	<administrative transfer to H04N 21/434>
D	H04N 5/44513	<administrative transfer to H04N 21/47>
D	H04N 2005/44517	<administrative transfer to H04N 21/485 INV>
D	H04N 2005/44521	<administrative transfer to H04N 21/478 INV>
D	H04N 2005/44526	<administrative transfer to H04N 21/4884 INV>
D	H04N 2005/4453	<administrative transfer to H04N 21/4888 INV>
D	H04N 2005/44534	<administrative transfer to H04N 21/47 INV>
D	H04N 2005/44539	<administrative transfer to H04N 21/4856 INV and H04N 21/42653 INV simultaneously>
D	H04N 5/44543	<administrative transfer to H04N 21/47>
D	H04N 2005/44547	<administrative transfer to H04N 21/47214 INV and H04N 21/4334 INV simultaneously>
D	H04N 2005/44552	<administrative transfer to H04N 21/47214 INV >
D	H04N 2005/44556	<administrative transfer to H04N 21/482 INV>
D	H04N 2005/4456	<administrative transfer to H04N 21/472 INV>
D	H04N 2005/44565	<administrative transfer to H04N 21/47 INV and H04N 21/6547 INV simultaneously>
D	H04N 2005/44569	<administrative transfer to H04N 21/47 INV and H04N 21/4532 INV simultaneously>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	H04N 2005/44573	<administrative transfer to H04N 21/478 INV>
D	H04N 2005/44578	<administrative transfer to H04N 21/478 INV and H04N 21/4622 INV simultaneously >
D	H04N 5/44582	<administrative transfer to H04N 21/47 and H04N 21/42204 simultaneously >
D	H04N 2005/44586	<administrative transfer to H04N 21/47 and H04N 21/42228 INV simultaneously >
D	H04N 5/44591	<administrative transfer to H04N 21/47 and H04N 21/4316 simultaneously >
D	H04N 2005/44595	<administrative transfer to H04N 21/47 and H04N 21/4316 INV simultaneously >
D	H04N 2021/225	<administrative transfer to H04N 21/2225 INV>

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04N 5/4401		DELETE
H04N 5/4403		DELETE
H04N 2005/4405		DELETE
H04N 2005/4407		DELETE
H04N 2005/4408		DELETE
H04N 2005/441		DELETE
H04N 2005/4412		DELETE
H04N 2005/4414		DELETE
H04N 2005/4416		DELETE
H04N 2005/4417		DELETE
H04N 2005/4419		DELETE
H04N 2005/4421		DELETE
H04N 2005/4423		DELETE
H04N 2005/4425		DELETE
H04N 2005/4426		DELETE
H04N 2005/4428		DELETE
H04N 2005/443		DELETE
H04N 2005/4432		DELETE
H04N 2005/4433		DELETE
H04N 2005/4435		DELETE
H04N 2005/4437		DELETE
H04N 2005/4439		DELETE
H04N 2005/4441		DELETE
H04N 2005/4442		DELETE
H04N 2005/4444		DELETE
H04N 5/44508		DELETE
H04N 5/44513		DELETE
H04N 2005/44517		DELETE
H04N 2005/44521		DELETE
H04N 2005/44526		DELETE
H04N 2005/4453		DELETE
H04N 2005/44534		DELETE
H04N 2005/44539		DELETE
H04N 5/44543		DELETE
H04N 2005/44547		DELETE
H04N 2005/44552		DELETE
H04N 2005/44556		DELETE
H04N 2005/4456		DELETE
H04N 2005/44565		DELETE
H04N 2005/44569		DELETE
H04N 2005/44573		DELETE
H04N 2005/44578		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04N 5/44582		DELETE
H04N 2005/44586		DELETE
H04N 5/44591		DELETE
H04N 2005/44595		DELETE
H04N 2021/225		DELETE

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
H04H 60/72	H04N 5/44543	Replace the existing symbol with the following symbol: H04N 21/47
H04L 12/282	H04N 5/44582	Replace the existing symbol with the following symbol: H04N 21/42204

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
G01R23/00	H04N5/4401	Limiting references	Replace the existing symbol with the following symbol: H04N 21/426
G01R23/16	H04N5/4401	Limiting references	Replace the existing symbol with the following symbol: H04N 21/426
G06F1/1698	H04N5/4403	Limiting references	Replace the existing symbol with the following symbol: H04N 21/42204
G06F3/048	H04N5/4403	Limiting references	Replace the existing symbol with the following symbol: H04N 21/42204
G06F3/048	H04N5/44582	Limiting references	Delete the following existing symbol: H04N5/44582

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
G06F3/0482	H04N5/44543	Limiting references	Replace the existing symbol with the following symbol: H04N 21/47
G06F8/60	H04N5/4403	Informative references	Replace the existing symbol with the following symbol: H04N 21/42204
G06F8/65	H04N5/4403	Application-oriented references	Replace the existing symbol with the following symbol: H04N 21/42204
G08C	H04N5/44582	Informative references	Replace the existing symbol with the following symbol: H04N 21/42204
H04L12/2803	H04N5/44582	Informative references	Replace the existing symbol with the following symbol: H04N 21/42204
H04L12/282	H04N5/44582	Limiting references	Replace the existing symbol with the following symbol: H04N 21/42204

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.