EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 963

DATE: JANUARY 1, 2021

PROJECT RP0691

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	G01K	1/083, 1/086
	G01K	2011/322, 2011/324
	G01K	13/002, 13/004, 2013/024, 2013/026
Symbols New:	G01K	11/322, 11/324
	G01K	13/024, 13/026, 13/20, 13/223, 13/25, 13/252
Titles Changed:	A61B	5/01
	G01J	5/00
	G01K	SUBCLASS
	G01K	1/02, 1/022, 1/024, 1/14, 1/143
	G01K	5/00, 5/22
	G01K	7/00, 7/02, 7/026, 7/04, 7/06, 7/08, 7/42
	G01K	11/12, 11/125, 11/165, 11/32, 11/3206, 11/3213
	G01K	13/00
Warnings New:	G01K	5/22
	G01K	11/14, 11/165
	G01K	13/20
DEFINITIONS:		
Definitions New:	G01K	1/02, 1/022
	G01K	7/02
	G01K	11/165
	G01K	13/20
Definitions Modified:	A61B	Subclass
	A61B	5/01
	A61B	50/30
	G01K	Subclass
	G01K	1/14, 1/143, 1/146
	G01K	3/00
	G01K	5/00
	G01K	7/00
	G01K	11/00
	G01K	13/00

No other subclasses/groups are impacted by this Notice of Changes.

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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)

1. CLASSIFICATION SCHEME CHANGES

    A. New, Modified or Deleted Group(s)

SUBCLASS A61B – DIAGNOSIS; SURGERY; IDENTIFICATION (analysing biological material G01N, e.g. G01N 33/48; obtaining records using waves other than optical waves, in general G03B 42/00)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	A61B 5/01	1	Measuring temperature of body parts {; Diagnostic temperature sensing, e.g. for malignant or inflamed tissue} (clinical contact thermometers G01K 13/20)	

SUBCLASS G01J – MEASUREMENT OF INTENSITY, VELOCITY, SPECTRAL CONTENT, POLARISATION, PHASE OR PULSE CHARACTERISTICS OF INFRA-RED, VISIBLE OR ULTRA-VIOLET LIGHT; COLORIMETRY; RADIATION PYROMETRY (light sources F21, H01J, H01K, H05B; investigating properties of materials by optical means G01N)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01J 5/00	0	Radiation pyrometry	

SUBCLASS G01K – MEASURING TEMPERATURE; MEASURING QUANTITY OF HEAT; THERMALLY-SENSITIVE ELEMENTS NOT OTHERWISE PROVIDED FOR (radiation pyrometry G01J)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G01K	subclass	MEASURING TEMPERATURE; MEASURING QUANTITY OF HEAT; THERMALLY-SENSITIVE ELEMENTS NOT OTHERWISE PROVIDED FOR (radiation pyrometry G01J 5/00)	
M	G01K 1/02	1	Means for indicating or recording specially adapted for thermometers	
M	G01K 1/022	2	for recording	
M	G01K 1/024	2	for remote indication	
U	G01K 1/08	1	Protective devices, e.g. casings	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
D	G01K 1/083	2	{for clinical thermometers, e.g. containmination preventing sleeves}	<Administrative transfer to G01K 13/25>
D	G01K 1/086	3	{for tympanic thermometers}	<Administrative transfer to G01K 13/252>
M	G01K 1/14	1	Supports; Fastening devices; Arrangements for mounting thermometers in particular locations	
M	G01K 1/143	2	for measuring surface temperatures	
M	G01K 5/00	0	Measuring temperature based on the expansion or contraction of a material (G01K9/00 takes precedence; giving other than momentary value of temperature G01K3/00)	
C	G01K 5/22	2	with provision for expansion indicating over not more than a few degrees	G01K 5/22, G01K 13/20, G01K 13/25, G01K 13/252
M	G01K 7/00	0	Measuring temperature based on the use of electric or magnetic elements directly sensitive to heat (giving results other than momentary value of temperature G01K3/00) {; Power supply therefor, e.g. using thermoelectric elements}	
M	G01K 7/02	1	using thermoelectric elements, e.g. thermocouples	
M	G01K 7/026	2	Arrangements for signalling failure or disconnection of thermocouples	
M	G01K 7/04	2	the object to be measured not forming one of the thermoelectric materials	
M	G01K 7/06	3	the thermoelectric materials being arranged one within the other with the junction at one end exposed to the object, e.g. sheathed type	
M	G01K 7/08	2	the object to be measured forming one of the thermoelectric materials, e.g. pointed type	
M	G01K 7/42	1	Circuits effecting compensation of thermal inertia; Circuits for predicting the stationary value of a temperature	
U	G01K 11/00	0	Measuring temperature based upon physical or chemical changes not covered by groups G01K3/00, G01K5/00, G01K7/00 or G01K9/00	
M	G01K 11/12	1	using changes in colour, translucency or reflectance	
M	G01K 11/125	2	using changes in reflectance	
U	G01K 11/16	2	of organic materials	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
C	G01K 11/165	3	of organic liquid crystals	G01K 11/165, G01K 11/14
M	G01K 11/32	1	using changes in transmittance, scattering or luminescence in optical fibres	
M	G01K 11/3206	2	at discrete locations in the fibre, e.g. using Bragg scattering	
M	G01K 11/3213	3	using changes in luminescence, e.g. at the distal end of the fibres	
D	G01K 2011/322	2	{using Brillouin scattering}	<administrative transfer to G01K 11/322 INV>
N	G01K 11/322	2	using Brillouin scattering	
D	G01K 2011/324	2	{using Raman scattering}	<administrative transfer to G01K 11/324 INV>
N	G01K 11/324	2	using Raman scattering	
M	G01K 13/00	0	Thermometers specially adapted for specific purposes	
D	G01K 13/002	1	{for measuring body temperature (G01K 5/22 takes precedence; for prediction aspects G01K 7/42; diagnostic temperature sensing A61M 39/0247)}	<Administrative transfer to G01K 13/20>
D	G01K 13/004	2	{Infrared clinical thermometers, e.g. tympanic}	<Administrative transfer to G01K 13/223>
U	G01K 13/02	1	for measuring temperature of moving fluids or granular materials capable of flow	
D	G01K 2013/024	2	{Moving gas}	<administrative transfer to G01K 13/024 INV>
N	G01K 13/024	2	of moving gases	
D	G01K 2013/026	2	{Moving liquid}	<administrative transfer to G01K 13/026 INV>
N	G01K 13/026	2	{of moving liquids}	
N	G01K 13/20	1	Clinical contact thermometers for use with humans or animals	
N	G01K 13/223	2	{Infrared clinical thermometers, e.g. tympanic}	
N	G01K 13/25	2	Protective devices therefor, e.g. sleeves preventing contamination	
N	G01K 13/252	3	{for tympanic thermometers}	

*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.

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NOTES:

- **No {curly brackets} are used for titles in CPC only <u>subclasses</u>, 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} <u>are</u> 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.

- 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 <u>must</u> 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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B.   New, Modified or Deleted Warning(s)

SUBCLASS G01K – MEASURING TEMPERATURE; MEASURING QUANTITY OF HEAT; THERMALLY-SENSITIVE ELEMENTS NOT OTHERWISE PROVIDED FOR (radiation pyrometry G01J)

Type*	Location	Old Warning	New/Modified Warning
N	G01K 5/22		Group G01K 5/22 is impacted by reclassification into groups G01K 13/20, G01K 13/25, and G01K 13/252. All groups listed in this Warning should be considered in order to perform a complete search.
N	G01K 11/14		Group G01K 11/14 is incomplete pending reclassification of documents from group G01K 11/165. Groups G01K 11/165 and G01K 11/14 should be considered in order to perform a complete search.
N	G01K 11/165		Group G01K 11/165 is impacted by reclassification into group G01K 11/14. Groups G01K 11/165 and G01K 11/14 should be considered in order to perform a complete search.
N	G01K 13/20		Groups G01K 13/20, G01K 13/25, and G01K 13/252 are incomplete pending reclassification of documents from group G01K 5/22. All groups listed in this Warning should be considered in order to perform a complete search.

*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

2. A. DEFINITIONS (new)

G01K 1/02

References

Informative references

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

Indicating measured values, in general	G01D 7/00

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Temperature indicating arrangements in hand irons internally heated by electricity	D06F 75/26
Displaying temperature data in connection with air-conditioning, air-humidification, ventilation or use of air currents for screening	F24F 11/523

G01K 1/022

References

Informative references

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

Recording measured values, in general	G01D 9/00

G01K 7/02

References

Informative references

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

Thermoelectric or thermomagnetic devices per se	H01L 35/00, H01L 37/00

G01K 11/165

References

Informative references

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

Liquid crystal materials	C09K 19/00

G01K 13/20

Definition statement

This place covers:

Instruments, including their constructional details, that measure the temperature of human beings or animals and that operate in direct contact with the human being or animal. These instruments are specially adapted to measure the temperature around the point of homeostasis of the human being or animal. Therefore, they could be operable only for a single species or a small number of species. In addition, a clinical thermometer may be adapted to suit the morphology of a given species or small number of species.

For example, the normal human body temperature is around 37 °C, and the medically dangerous condition of hyperpyrexia occurs around 41.5 °C, so that clinical thermometers need not be capable of measuring temperatures above 45 °C. A lower limit for the applicability of clinical thermometers in human beings would be set by medically-induced hypothermia, which is kept above 30 °C to avoid serious complications. Therefore, a clinical thermometer for use on human beings would not be designed to operate out of the range 30 °C-45 °C.

Relationships with other classification places

A61B 5/01 covers the medical-diagnosis aspect of temperature measurements of human beings or animals, like mapping the temperature of a body part, whereas G01K 13/20 covers hardware, circuits and processes that improve the suitability of temperature-measuring technology for use on humans or animals, but that do not provide per se a medical diagnosis. That is, what is covered in G01K 13/20 is ultimately destined to be used for medical diagnosis, but does not per se determine a specific medical condition, this latter type of improvement belonging to A61B 5/01. Stated differently, G01K 13/20 covers adaptations that make temperature measuring more suited to human beings or animals, whereas A61B 5/01 provides a precise medical answer that is inferred from temperature measurements.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

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clinical thermometer	Temperature-measuring instrument designed to operate around the homeostasis point of a human being or animal

2. A. DEFINITIONS (modified)

A61B5/01

References

Limiting references

This place does not cover:

Delete: The following row from the Limiting references table:

Transmission of temperature signals	A61B5/0008

Insert: The following new row to the Limiting references table:

Clinical contact thermometers	G01K 13/20

Informative references

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

Delete: The following rows from the Informative references table:

Clinical thermometers	G01K5/00
Thermometers for special purposes	G01K13/00

Insert: The following new row to the Informative references table:

Transmission of temperature signals	A61B5/0008

G01K1/14

References

<u>Insert</u>:   New Application-oriented references section and table shown below:

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Arrangements for detecting or measuring washing liquid temperature for washing machines	D06F 34/24

<u>Delete</u>:   The Relationships with other classification places section and text.

<u>Insert</u>:   New Special rules of classification section and text shown below:

Special rules of classification

To clarify difference between G01K 1/14 and G01K 13/00: In general G01K 13/00 concerns internal adaptation of the sensor, G01K 1/14 concerns mounting of an existing sensor.

G01K1/143

Definition statement

<u>Insert</u>:   New Definition statement and text:

This place covers:

The measurement of a representative temperature of solid, extended objects, e.g. pipes, vessels, containers, requiring that the geometry of the temperature sensor be suitably matched to the solid, extended object to be measured.

For example, an apparatus for measuring the temperature of a fluid flowing in a tube by measuring the temperature of the outer surface of the tube would be classified in this group.

Another example would be the geometric adaptation of a temperature sensor to measure the temperature of an electric cable carrying current.

Relationships with other classification places

<u>Insert</u>:   New Relationships with other classification places section and text:

Classification in this group requires that the geometry of the temperature sensor assembly be compatible with the object being measured. Instead, the subject matter of G01K 1/16 is rather directed at arrangements that can optimise the heat conduction between the probe part of the temperature sensor and the temperature transducer part of that sensor, without the need to take into account the geometry of the object that is being measured.

Special rules of classification

<u>Insert</u>:   The letter "a" after "If" at the beginning of the sentence as shown below:

If a pipe wall temperature is measured as a reference of flowing fluid temperature inside the pipe, also classify in G01K13/02.

G01K1/146

References

Delete: Limiting references section and table.

Special rules of classification

Insert: New Special rules of classification section and text:

Thermometers fixed or removed manually are placed in G01K 1/14.

G01K13/00

Insert: New Relationships with other classification places section and text:

Relationships with other classification places

When temperature is measured in order to provide compensation for the impact of a temperature or a variation of temperature on a measurement, variable, signal or technological effect, classification is made in the place that is applicable to that measurement, variable, signal or technological effect, e.g. G01D 3/028, G01G 23/48, G01L 19/04, G12B 7/00, H01G 5/017, H03F 1/30. Additional classification in G01K would be justifiable if such compensation required that a temperature-measuring instrument or circuit be modified or that temperature measurements be processed in a new way.

References

Delete: Limiting references section and table.

Application-oriented references

Insert: The following new rows into the Application-oriented references table:

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Determining when the hardening temperature has been reached by measurement of magnetic or electrical properties in the treatment of metals or alloys	C21D 1/54
Measuring temperature in boreholes or wells	E21B 47/07
Sensors specially adapted for exhaust gas recirculation systems, for determining temperature	F02M 26/47

Informative references

Insert: New Informative references section and table.

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

Processes for controlling fuel cells or fuel cell systems characterised by the detection or assessment of temperature or ambient temperature	H01M 8/0432

Special rules of classification

Replace: The existing Special rules of classification text with the text below:

Further details of subgroups:

G01K13/00:
This group also comprises adaptations of specific objects for thermometric purposes. In general, G01K13/00 concerns internal adaptation of the sensor and G01K1/14 concerns mounting of an existing sensor. For specific application fields there is a dedicated Indexing Code G01K "2000" series that is obligatory as additional information. Reference is made to the special rules of classification at the subclass G01K level.
G01K13/02:
If pipe wall temperature is measured as a reference of flowing fluid temperature inside the pipe, also classify in G01K1/143. The following classes are obligatory:

- Moving gas: G01K13/024
- Moving liquid: G01K13/026

G01K13/08:

This group comprises temperature measurement of bearings. When the result of the temperature measurement is used to prevent heat overload in bearings, then also circulate to F16C17/24.

G01K13/10:

This group comprises, e.g., temperature measurement in grain containers (silos). If temperature is measured by special arrangements for conducting heat from the object to the sensitive heat element both G01K13/10 and G01K1/16 are obligatory.

G01K13/20:

This group comprises measurement of human or animal temperature. Temperature prediction aspects (e.g. prediction of stationary value of temperature) are found in G01K7/42, and in this case both G01K13/20 and G01K7/42 are obligatory.

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A61B	Limiting references	Clinical thermometers for measuring the temperature of body parts G01K 5/00	Replace with: Protective devices for clinical contact thermometers G01K 13/20
A61B 50/30	Limiting references	For clinical thermometers G01K 1/083	Replace with: Clinical contact thermometers for use with humans or animals G01K 13/20
G01K	Informative references	Semiconductor or solid-state thermo-electric or thermo-magnetic devices H01L35/00, H01L37/00	Replace with: Semiconductor or solid-state thermoelectric or thermomagnetic devices H01L35/00, H01L37/00
G01K 3/00	Limiting references	Temperature difference measurement between the hot and cold junction of a thermocouple G01K 7/02	Delete the reference
G01K 3/00	Informative references		Insert the following new reference to the Informative references table: Measuring temperature using thermoelectric elements G01K 7/02
G01K 5/00	Limiting references		Insert the following: Thermometers giving results other than momentary value of temperature G01K 3/00
G01K 5/00	Limiting references		Delete the following: Temperature based upon vapour arising from a liquid G01K 11/02

			Temperature based upon vapour arising from a liquid where liquid is contained in a hollow body having parts which are displaceable under pressure G01K 11/04
G01K 5/00	Informative references		Insert the following: Temperature based upon vapour arising from a liquid G01K 11/02 Temperature based upon vapour arising from a liquid where liquid is contained in a hollow body having parts which are displaceable under pressure G01K 11/04
G01K 7/00	Limiting references		Insert the following: Giving results other than momentary value of temperature G01K 3/00
G01K 7/00	Limiting references		Delete the following: Zero Heat Flux sensors or "fox probes" G01K 1/165 Surface (or Bulk) Acoustic Wave Sensors G01K 11/265 Cooling arrangements in electronic devices using the Peltier effect H01L 23/38
G01K 7/00	Informative references		Insert the following: Zero Heat Flux sensors or "fox probes" G01K 1/165 Surface (or Bulk) Acoustic Wave Sensors G01K 11/265

			Cooling arrangements in electronic devices using the Peltier effect H01L 23/38
G01K 7/00	Informative references		Delete the following: Giving results other than momentary value of temperature G01K 3/00 Sensors based on nanotechnology Indexing code Y01N8/00
G01K 11/00	Special rules of classification		Delete the following: G01K 11/12: G01K 11/32 takes precedence.
G01K 11/00	Special rules of classification	The following additional information is obligatory to distinguish between systems based on Brillouin and Raman scattering respectively: Brillouin: Indexing Code G01K 2011/322 Raman: Indexing Code G01K 2011/324	Replace with the following: The following symbols should be used to distinguish between systems based on Brillouin and Raman scattering respectively: Brillouin: G01K 11/322 Raman: G01K 11/324

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	G01K 1/083	<Administrative transfer to G01K 13/25>
D	G01K 1/086	<Administrative transfer to G01K 13/252>
C	G01K 5/22	G01K 5/22, G01K 13/20, G01K 13/25, G01K 13/252
C	G01K 11/165	G01K 11/165, G01K 11/14
D	G01K 2011/322	<administrative transfer to G01K 11/322 INV>
D	G01K 2011/324	<administrative transfer to G01K 11/324 INV>
D	G01K 13/002	<Administrative transfer to G01K 13/20>
D	G01K 13/004	<Administrative transfer to G01K 13/223>
D	G01K 2013/024	<administrative transfer to G01K 13/024 INV>
D	G01K 2013/026	<administrative transfer to G01K 13/026 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)

CPC	**IPC**	**Action***
G01K 1/022	G01K 1/022	UPDATE
G01K 1/024	G01K 1/024	UPDATE
G01K 1/083		DELETE
G01K 1/086		DELETE
G01K 1/143	G01K 1/143	UPDATE
G01K 7/026	G01K 7/026	UPDATE
G01K 11/125	G01K 11/125	UPDATE
G01K 11/165	G01K 11/165	UPDATE
G01K 11/3206	G01K 11/3206	UPDATE
G01K 11/3213	G01K 11/3213	UPDATE
G01K 2011/322		DELETE
G01K 11/322	G01K 11/322	NEW
G01K 2011/324		DELETE
G01K 11/324	G01K 11/324	NEW
G01K 13/002		DELETE
G01K 13/004		DELETE
G01K 2013/024		DELETE
G01K 13/024	G01K 13/024	NEW
G01K 2013/026		DELETE
G01K 13/026	G01K 13/02	NEW
G01K 13/20	G01K 13/20	NEW
G01K 13/223	G01K 13/20	NEW
G01K 13/25	G01K 13/25	NEW
G01K 13/252	G01K 13/25	NEW

*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.