EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1373

DATE: JANUARY 1, 2023

PROJECT RP11925

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	G06Q	40/025
Symbols New:	G06Q	30/015
	G06Q	40/03
Titles Changed:	G06Q	10/04, 10/047, 10/06, 10/063, 10/0631, 10/0633, 10/0635, 10/0637, 10/0639, 10/067, 10/08, 10/083, 10/0831, 10/0832, 10/0833, 10/0834, 10/0835, 10/0836, 10/0837, 10/087, 10/0875, 10/10, 10/101, 10/105, 10/1053, 10/1057, 10/107, 10/109, 10/1091, 10/1093, 10/20, 10/30
	G06Q	30/00, 30/01, 30/012, 30/014, 30/016, 30/018, 30/02, 30/0201, 30/0202, 30/0203, 30/0204, 30/0207, 30/0208, 30/0211, 30/0214, 30/0217, 30/0226, 30/0234, 30/0235, 30/0238, 30/0241, 30/0242, 30/0251, 30/0272, 30/0273, 30/0279, 30/0282, 30/0283, 30/04, 30/0601, 30/0645, 30/08
	G06Q	40/02, 40/04, 40/06, 40/08, 40/10, 40/12
Indents Changed:	G06Q	30/016, 30/018, 30/0185, 30/0202
Warnings New:	G06Q	30/01, 30/015
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	G06Q	40/025
Definitions New:	G06Q	40/03
Definitions Modified:	G06Q	10/02, 10/04, 10/047, 10/06, 10/0635, 10/0639, 10/08, 10/087, 10/10, 10/107, 10/109, 10/20
	G06Q	30/02, 30/04, 30/06, 30/0645, 30/08
	G06Q	40/00, 40/02, 40/04, 40/06, 40/10

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): G06Q50/16, G06Q50/165, H04L 12/00, H04L12/14, H04M 1/7243, H04M 1/72436, H04M 15/00, H04M 17/00

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

1. CLASSIFICATION SCHEME CHANGES

CPC NOTICE OF CHANGES 1373

DATE: JANUARY 1, 2023

PROJECT RP11925

☒ 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 G06Q - DATA PROCESSING SYSTEMS OR METHODS, SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES, NOT OTHERWISE PROVIDED FOR

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#
U	G06Q 10/00	0	Administration; Management	
U	G06Q 10/02	1	Reservations, e.g. for tickets, services or events	
M	G06Q 10/04	1	Forecasting or optimisation specially adapted for administrative or management purposes, e.g. linear programming or "cutting stock problem" (market predictions or forecasting for commercial activities G06Q 30/0202)	
M	G06Q 10/047	2	Optimisation of routes or paths, e.g. travelling salesman problem	
M	G06Q 10/06	1	Resources, workflows, human or project management; Enterprise or organisation planning; Enterprise or organisation modelling	
M	G06Q 10/063	2	Operations research, analysis or management	
M	G06Q 10/0631	3	Resource planning, allocation, distributing or scheduling for enterprises or organisations	
M	G06Q 10/0633	3	Workflow analysis	
M	G06Q 10/0635	3	Risk analysis of enterprise or organisation activities	
M	G06Q 10/0637	3	Strategic management or analysis, e.g. setting a goal or target of an organisation; Planning actions based on goals; Analysis or evaluation of effectiveness of goals	
M	G06Q 10/0639	3	Performance analysis of employees; Performance analysis of enterprise or organisation operations	
M	G06Q 10/067	2	Enterprise or organisation modelling	

CPC NOTICE OF CHANGES 1373

DATE: JANUARY 1, 2023

PROJECT RP11925

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	G06Q 10/08	1	Logistics, e.g. warehousing, loading or distribution; Inventory or stock management	
M	G06Q 10/083	2	Shipping	
M	G06Q 10/0831	3	Overseas transactions	
M	G06Q 10/0832	3	Special goods or special handling procedures, e.g. handling of hazardous or fragile goods	
M	G06Q 10/0833	3	Tracking	
M	G06Q 10/0834	3	Choice of carriers	
M	G06Q 10/0835	3	Relationships between shipper or supplier and carriers	
M	G06Q 10/0836	3	Recipient pick-ups	
M	G06Q 10/0837	3	Return transactions	
M	G06Q 10/087	2	Inventory or stock management, e.g. order filling, procurement or balancing against orders	
M	G06Q 10/0875	3	Itemisation or classification of parts, supplies or services, e.g. bill of materials	
M	G06Q 10/10	1	Office automation; Time management	
M	G06Q 10/101	2	Collaborative creation, e.g. joint development of products or services	
M	G06Q 10/105	2	Human resources	
M	G06Q 10/1053	3	Employment or hiring	
M	G06Q 10/1057	3	Benefits or employee welfare, e.g. insurance, holiday or retirement packages	
M	G06Q 10/107	2	Computer-aided management of electronic mailing [e-mailing]	
M	G06Q 10/109	2	Time management, e.g. calendars, reminders, meetings or time accounting	
M	G06Q 10/1091	3	Recording time for administrative or management purposes	
M	G06Q 10/1093	3	Calendar-based scheduling for persons or groups	
M	G06Q 10/20	1	Administration of product repair or maintenance	
M	G06Q 10/30	1	Administration of product recycling or disposal	
M	G06Q 30/00	0	Commerce	
C	G06Q 30/01	1	Customer relationship services	G06Q 30/01, G06Q 30/015
M	G06Q 30/012	2	Providing warranty services	
M	G06Q 30/014	2	Providing recall services for goods or products	

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#
N	G06Q 30/015	2	Providing customer assistance, e.g. assisting a customer within a business location or via helpdesk	
M	G06Q 30/016	3	After-sales	
M	G06Q 30/018	1	Certifying business or products	
M	G06Q 30/0185	2	{Product, service or business identity fraud}	
M	G06Q 30/02	1	Marketing; Price estimation or determination; Fundraising	
M	G06Q 30/0201	2	Market modelling; Market analysis; Collecting market data	
M	G06Q 30/0202	3	Market predictions or forecasting for commercial activities	
M	G06Q 30/0203	3	Market surveys; Market polls	
M	G06Q 30/0204	3	Market segmentation	
M	G06Q 30/0207	2	Discounts or incentives, e.g. coupons or rebates	
M	G06Q 30/0208	3	Trade or exchange of goods or services in exchange for incentives or rewards	
M	G06Q 30/0211	3	Determining the effectiveness of discounts or incentives	
M	G06Q 30/0214	3	Referral reward systems	
M	G06Q 30/0217	3	involving input on products or services in exchange for incentives or rewards	
M	G06Q 30/0226	3	Incentive systems for frequent usage, e.g. frequent flyer miles programs or point systems	
M	G06Q 30/0234	3	Rebates after completed purchase	
M	G06Q 30/0235	3	constrained by time limit or expiration date	
M	G06Q 30/0238	3	at point-of-sale [POS]	
M	G06Q 30/0241	2	Advertisements	
M	G06Q 30/0242	3	Determining effectiveness of advertisements	
M	G06Q 30/0251	3	Targeted advertisements	
M	G06Q 30/0272	3	Period of advertisement exposure	
M	G06Q 30/0273	3	Determination of fees for advertising	
M	G06Q 30/0279	2	Fundraising management	
M	G06Q 30/0282	2	Rating or review of business operators or products	
M	G06Q 30/0283	2	Price estimation or determination	
M	G06Q 30/04	1	Billing or invoicing	
U	G06Q 30/06	1	Buying, selling or leasing transactions	
M	G06Q 30/0601	2	Electronic shopping [e-shopping]	
M	G06Q 30/0645	2	Rental transactions; Leasing transactions	

DATE: JANUARY 1, 2023

PROJECT RP11925

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	G06Q 30/08	2	Auctions	
U	G06Q 40/00	0	Finance; Insurance; Tax strategies; Processing of corporate or income taxes	
M	G06Q 40/02	1	Banking, e.g. interest calculation or account maintenance (credit or loans G06Q 40/03)	
D	G06Q 40/025	2	{Credit processing or loan processing, e.g. risk analysis for mortgages}	<Administrative transfer to G06Q 40/03>
N	G06Q 40/03	1	Credit; Loans; Processing thereof	
M	G06Q 40/04	1	Trading; Exchange, e.g. stocks, commodities, derivatives or currency exchange	
M	G06Q 40/06	1	Asset management; Financial planning or analysis	
M	G06Q 40/08	1	Insurance	
M	G06Q 40/10	1	Tax strategies	
M	G06Q 40/12	1	Accounting	

*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.
- 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.

CPC NOTICE OF CHANGES 1373

DATE: JANUARY 1, 2023

PROJECT RP11925

- 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.

B. New, Modified or Deleted Warning(s)

SUBCLASS G06Q - DATA PROCESSING SYSTEMS OR METHODS, SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL, SUPERVISORY OR FORECASTING PURPOSES, NOT OTHERWISE PROVIDED FOR

Type*	Location	Old Warning	New/Modified Warning
N	G06Q 30/01		Group G06Q 30/01 is impacted by reclassification into group G06Q 30/015. Groups G06Q 30/01 and G06Q 30/015 should be considered in order to perform a complete search.
N	G06Q 30/015		Group G06Q 30/015 is incomplete pending reclassification of documents from group G06Q 30/01. Groups G06Q 30/01 and G06Q 30/015 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)

<u>Insert</u>:   The following new Definition.

G06Q 40/03

Definition statement

This place covers:

Subject matter drawn to a computerised arrangement for evaluation of the risk factors in a loan determination.

References

Informative references

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

Record-sensing device in combination with a system that includes the ascertaining of credit	G06K 7/00
Risk analysis, e.g. for insurance or pensions	G06Q 40/08

2. A. DEFINITIONS (Modified)

G06Q 10/02

References

<u>Delete</u>:   The entire Limiting references section.

Informative references

<u>Insert</u>:   The following <u>four new</u> rows into the Informative references table.

Information retrieval; Database structures therefor; File system structures therefor	G06F 16/00
Text processing	G06F 40/10
Form filling	G06F 40/174
Payment architectures, schemes or protocols	G06Q 20/00

G06Q 10/04

References

Limiting references

<u>Replace</u>:   The existing Limiting references table with the following revised table.

Market predictions or forecasting for commercial activities	G06Q 30/0202

<u>Insert</u>:   The following <u>new</u> Informative references section.

Informative references

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

Data processing specially adapted for complex mathematical operations	G06F 17/10
Editing of spreadsheets	G06F 40/18
Finance; Insurance; Tax strategies; Processing of corporate or income taxes	G06Q 40/00

G06Q 10/047

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Determining optimum path of e.g. robot arm	B25J 9/1656
Navigation systems for road networks	G01C 21/26

G06Q 10/06

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Programme-control systems for total factory control	G05B 19/418
Arrangements for transformation of program code	G06F 8/40
Allocation of resources in multiprogramming arrangements	G06F 9/50
Computer-aided design	G06F 30/00
Buying, selling or leasing transactions	G06Q 30/06
Electronic shopping using catalogue ordering	G06Q 30/0603

G06Q 10/0635

References

Informative references

Replace: The <u>second and third</u> rows of the Informative references table so that the
entire table appears as follows.

Fraud or risk level assessment in transaction processing	G06Q 20/4016
Credit; Loans; Processing thereof	G06Q 40/03
Insurance	G06Q 40/08

G06Q 10/0639

References

Informative references

Replace: The <u>first three</u> rows of the Informative references table so that the entire
table reads as follows.

Methods and systems that measure the performance of a system or device through modeling	G06G 7/48
Data processing systems that analyze statistical information based on employee performance or manufacturing area	G06G 7/52
Administration or management of human resources	G06Q 10/105
Rating or review of business operators or products	G06Q 30/0282
Certifying business or products	G06Q 30/018

G06Q 10/08

Definition statement

Delete: The following text from the end of the Definition statement.

Inventory or stock management, e.g. order filling, procurement or balancing against orders are classified more specifically in G06Q 10/087

References

Delete: The entire Limiting references section.

Informative references

Replace: The existing Informative references table with the following revised table.

Postal sorting	B07C
Transport or storage devices	B65G
Locks	E05B
Measuring or testing	G01
Geographical information databases	G06F 16/29
Record carriers for use with machines and with at least a part designed to carry digital markings	G06K 19/00
Inventory monitoring in POS payment systems	G06Q 20/203
Registering, indicating or recording the time of events or elapsed time	G07C 1/00
Alarm systems	G08B
Traffic control systems	G08G

G06Q 10/087

References

Delete: The entire Limiting references section.

Insert: The following <u>new</u> Informative references section.

Informative references

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

Intelligent shelves with arrangements or automatic control means for selecting which articles are to be removed	B65G 1/137

G06Q 10/10

References

Delete: The entire Limiting references section.

Insert: The following <u>new</u> Informative references table.

Informative references

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

User-to-user messaging in packet-switching networks, transmitted according to store-and-forward or real-time protocols, e.g. e-mail	H04L 51/00

G06Q 10/107

References

Delete: The entire Limiting references section.

Insert: The following <u>new</u> Informative references section.

Informative references

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

User-to-user messaging in packet switching networks, transmitted according to store and-forward or real-time protocols	H04L 51/00
Network architectures or network communication protocols for network security	H04L 63/00
Network arrangements, protocols or services for supporting real-time applications in data packet communication	H04L 65/00
Network arrangements or protocols for supporting network services or applications	H04L 67/00

G06Q 10/109

References

Delete: The entire Limiting references section.

Insert: The following <u>new</u> Informative references section.

Informative references

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

Resources, workflows, human or project management	G06Q 10/06
PDAs, electronic PIMs	G06F 15/02
Mobile telephones	H04M 1/72

G06Q 10/20

References

Delete: The entire Limiting references

Insert: The following new Informative references section.

Informative references

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

Registering or indicating the working of vehicles	G07C 5/00

G06Q 30/02

References

Delete: The entire Limiting references section.

Informative references

Insert: The following row into the Informative references table.

Printing of coupons at a Point of Sale	G07G 1/12

G06Q 30/04

References

Delete: The entire Limiting references section.

Informative references

Replace: The existing Informative references table with the following revised table.

Tariff metering apparatus	G01D 4/00
Electromechanical arrangements for measuring time integral of electric power or current	G01R 11/00
Arrangements for measuring time integral of electric power or current, e.g. electricity meters	G01R 22/00

Billing system in payments	G06Q 20/14
Finance, insurance, tax strategies and processing of corporate or income taxes	G06Q 40/00
Banking, e.g. interest calculation or account maintenance	G06Q 40/02
Accounting	G06Q 40/12
Coin-freed apparatus with meter-controlled dispensing of liquid, gas or electricity	G07F 15/00
Charging, metering or billing arrangements for data wireline or wireless communications	H04L 12/14
Arrangements for metering, time-control or time indication; Metering, charging or billing arrangements for voice wireline or wireless communications, e.g. VoIP	H04M 15/00

G06Q 30/06

References

Delete: The entire Limiting references section.

Insert: The following <u>new</u> Informative references section.

Informative references

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

Logistics, e.g. delivery of the goods bought in an electronic shopping environment	G06Q 10/08, G06Q 50/28
Payment architectures, schemes or protocols	G06Q 20/00
Finance; Insurance; Tax strategies; Processing of corporate or income taxes	G06Q 40/00

G06Q 30/0645

References

Delete: The entire Limiting references section.

Informative references

Replace: The existing Informative references table with the following revised table.

Reservations, e.g. for tickets, services or events	G06Q 10/02
Rental payment transactions occurring at a point of sale terminal or electronic cash register in a retail outlet or kiosk	G06Q 20/20
Electronic shopping, e.g. remote ordering, for on-line remote browsing or payment for rental commodities	G06Q 30/0601
Finance; Insurance; Tax strategies; Processing of corporate or income taxes	G06Q 40/00

G06Q 30/08

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Inventory or delivery of goods bought in an electronic auction	G06Q 10/08, G06Q 50/00
Electronic payment	G06Q 20/00
Electronic finance, e.g. buying, selling or trading of financial instruments like stocks, options or futures per se	G06Q 40/00

G06Q 40/00

References

Delete: The entire Limiting references section.

Informative references

Replace: The existing Informative references table with the following revised table.

Payment architectures, schemes or protocols	G06Q 20/00
Payment architectures, schemes or protocols characterised by using cards	G06Q 20/34
Commerce	G06Q 30/00
Data processing in buying-selling transactions	G06Q 30/06
Record-sensing devices in combination with a system that maintain financial accounts; i.e. a banking system	G07F 19/00
Arrangements for secret or secure communications; Network security protocols	H04L 9/00
Network architectures or network communication protocols for network security	H04L 63/00
Network arrangements, protocols or services for supporting real-time applications in data packet communication	H04L 65/00
Network arrangements or protocols for supporting network services or applications	H04L 67/00

G06Q 40/02

References

Limiting references

Replace: The existing Limiting references table with the following revised table.

Credit or loans	G06Q 40/03

Informative references

Replace: The existing Informative references table with the following revised table.

Payment architectures, schemes or protocols	G06Q 20/00
Payments in home banking	G06Q 20/108
Payment architectures, schemes or protocols characterised by using cards	G06Q 20/34
Commerce	G06Q 30/00
Arrangements for secret or secure communications; Network security protocols	H04L 9/00
Network architectures or network communication protocols for network security	H04L 63/00
Network arrangements, protocols or services for supporting real-time applications in data packet communication	H04L 65/00
Network arrangements or protocols for supporting network services or applications	H04L 67/00

G06Q 40/04

References

Delete: The entire Limiting references section.

Insert: The following **new** Informative references section.

Informative references

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

Payment architectures, schemes or protocols	G06Q 20/00
Asset management; Financial planning or analysis	G06Q 40/06
Smart grid: negotiating offer and demand and trading electricity	H02J 3/008

G06Q 40/06

References

<u>Delete</u>:   The entire Limiting references section.

Informative references

<u>Replace</u>:   The existing Informative references table with the following revised table.

Payment architectures, schemes or protocols	G06Q 20/00
Commerce	G06Q 30/00
Electronic payment using cards	G07F 7/08
Arrangements for secret or secure communications; Network security protocols	H04L 9/00
Data switching in stock quotation systems	H04L 12/1804
Network architectures or network communication protocols for network security	H04L 63/00
Network arrangements, protocols or services for supporting real-time applications in data packet communication	H04L 65/00
Network arrangements or protocols for supporting network services or applications	H04L 67/00

G06Q 40/10

References

<u>Delete</u>:   The entire Limiting references section.

<u>Insert</u>:   The following new Informative references section.

Informative references

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

Tax preparation or submission	G06Q 40/123

DATE: JANUARY 1, 2023

PROJECT RP11925

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G06Q 40/025	Definition		Delete: The entire Definition.

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.

DATE: JANUARY 1, 2023

PROJECT RP11925

3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	G06Q30/01	G06Q30/01, G06Q30/015
D	G06Q40/025	<administrative transfer to G06Q40/03>

* 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 finalization projects.

CPC NOTICE OF CHANGES 1373

DATE: JANUARY 1, 2023

PROJECT RP11925

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

CPC	**IPC**	**Action***
G06Q 10/047	G06Q 10/047	UPDATE
G06Q 10/063	G06Q 10/063	UPDATE
G06Q 10/0631	G06Q 10/0631	UPDATE
G06Q 10/06311	G06Q 10/0631	UPDATE
G06Q 10/063112	G06Q 10/0631	UPDATE
G06Q 10/063114	G06Q 10/0631	UPDATE
G06Q 10/063116	G06Q 10/0631	UPDATE
G06Q 10/063118	G06Q 10/0631	UPDATE
G06Q 10/06312	G06Q 10/0631	UPDATE
G06Q 10/06313	G06Q 10/0631	UPDATE
G06Q 10/06314	G06Q 10/0631	UPDATE
G06Q 10/06315	G06Q 10/0631	UPDATE
G06Q 10/06316	G06Q 10/0631	UPDATE
G06Q 10/0633	G06Q 10/0633	UPDATE
G06Q 10/0635	G06Q 10/0635	UPDATE
G06Q 10/0637	G06Q 10/0637	UPDATE
G06Q 10/06375	G06Q 10/0637	UPDATE
G06Q 10/0639	G06Q 10/0639	UPDATE
G06Q 10/06393	G06Q 10/0639	UPDATE
G06Q 10/06395	G06Q 10/0639	UPDATE
G06Q 10/06398	G06Q 10/0639	UPDATE
G06Q 10/067	G06Q 10/067	UPDATE
G06Q 10/083	G06Q 10/083	UPDATE
G06Q 10/0831	G06Q 10/0831	UPDATE
G06Q 10/0832	G06Q 10/0832	UPDATE
G06Q 10/0833	G06Q 10/0833	UPDATE
G06Q 10/0834	G06Q 10/0834	UPDATE
G06Q 10/08345	G06Q 10/0834	UPDATE
G06Q 10/0835	G06Q 10/0835	UPDATE
G06Q 10/08355	G06Q 10/0835	UPDATE
G06Q 10/0836	G06Q 10/0836	UPDATE
G06Q 10/0837	G06Q 10/0837	UPDATE
G06Q 10/0838	G06Q 10/083	UPDATE
G06Q 10/087	G06Q 10/087	UPDATE
G06Q 10/0875	G06Q 10/0875	UPDATE
G06Q 10/101	G06Q 10/101	UPDATE
G06Q 10/105	G06Q 10/105	UPDATE
G06Q 10/1053	G06Q 10/1053	UPDATE
G06Q 10/1057	G06Q 10/1057	UPDATE
G06Q 10/107	G06Q 10/107	UPDATE
G06Q 10/109	G06Q 10/109	UPDATE

DATE: JANUARY 1, 2023

PROJECT RP11925

CPC	IPC	Action*
G06Q 10/1091	G06Q 10/1091	UPDATE
G06Q 10/1093	G06Q 10/1093	UPDATE
G06Q 10/1095	G06Q 10/1093	UPDATE
G06Q 10/1097	G06Q 10/1093	UPDATE
G06Q 10/20	G06Q 10/20	UPDATE
G06Q 10/30	G06Q 10/30	UPDATE
G06Q 30/01	G06Q 30/01	UPDATE
G06Q 30/012	G06Q 30/012	UPDATE
G06Q 30/014	G06Q 30/014	UPDATE
G06Q 30/015	G06Q 30/015	NEW
G06Q 30/016	G06Q 30/016	UPDATE
G06Q 30/018	G06Q 30/018	UPDATE
G06Q 30/0185	G06Q 30/018	UPDATE
G06Q 30/0201	G06Q 30/0201	UPDATE
G06Q 30/0202	G06Q 30/0202	UPDATE
G06Q 30/0203	G06Q 30/0203	UPDATE
G06Q 30/0204	G06Q 30/0204	UPDATE
G06Q 30/0205	G06Q 30/0204	UPDATE
G06Q 30/0206	G06Q 30/0201	UPDATE
G06Q 30/0207	G06Q 30/0207	UPDATE
G06Q 30/0208	G06Q 30/0208	UPDATE
G06Q 30/0209	G06Q 30/0207	UPDATE
G06Q 30/0211	G06Q 30/0211	UPDATE
G06Q 30/0212	G06Q 30/0207	UPDATE
G06Q 30/0213	G06Q 30/0207	UPDATE
G06Q 30/0214	G06Q 30/0214	UPDATE
G06Q 30/0215	G06Q 30/0207	UPDATE
G06Q 30/0216	G06Q 30/0207	UPDATE
G06Q 30/0217	G06Q 30/0217	UPDATE
G06Q 30/0218	G06Q 30/0217	UPDATE
G06Q 30/0219	G06Q 30/0207	UPDATE
G06Q 30/0221	G06Q 30/0207	UPDATE
G06Q 30/0222	G06Q 30/0207	UPDATE
G06Q 30/0223	G06Q 30/0207	UPDATE
G06Q 30/0224	G06Q 30/0207	UPDATE
G06Q 30/0225	G06Q 30/0207	UPDATE
G06Q 30/0226	G06Q 30/0226	UPDATE
G06Q 30/0227	G06Q 30/0226	UPDATE
G06Q 30/0228	G06Q 30/0226	UPDATE
G06Q 30/0229	G06Q 30/0226	UPDATE
G06Q 30/0231	G06Q 30/0226	UPDATE
G06Q 30/0232	G06Q 30/0226	UPDATE
G06Q 30/0233	G06Q 30/0226	UPDATE
G06Q 30/0234	G06Q 30/0234	UPDATE
G06Q 30/0235	G06Q 30/0235	UPDATE

DATE: JANUARY 1, 2023

PROJECT RP11925

CPC	IPC	Action*
G06Q 30/0236	G06Q 30/0207	UPDATE
G06Q 30/0237	G06Q 30/0207	UPDATE
G06Q 30/0238	G06Q 30/0238	UPDATE
G06Q 30/0239	G06Q 30/0207	UPDATE
G06Q 30/0241	G06Q 30/0241	UPDATE
G06Q 30/0242	G06Q 30/0242	UPDATE
G06Q 30/0243	G06Q 30/0242	UPDATE
G06Q 30/0244	G06Q 30/0242	UPDATE
G06Q 30/0245	G06Q 30/0242	UPDATE
G06Q 30/0246	G06Q 30/0242	UPDATE
G06Q 30/0247	G06Q 30/0241	UPDATE
G06Q 30/0248	G06Q 30/0241	UPDATE
G06Q 30/0249	G06Q 30/0241	UPDATE
G06Q 30/0251	G06Q 30/0251	UPDATE
G06Q 30/0252	G06Q 30/0251	UPDATE
G06Q 30/0253	G06Q 30/0251	UPDATE
G06Q 30/0254	G06Q 30/0251	UPDATE
G06Q 30/0255	G06Q 30/0251	UPDATE
G06Q 30/0256	G06Q 30/0251	UPDATE
G06Q 30/0257	G06Q 30/0251	UPDATE
G06Q 30/0258	G06Q 30/0251	UPDATE
G06Q 30/0259	G06Q 30/0251	UPDATE
G06Q 30/0261	G06Q 30/0251	UPDATE
G06Q 30/0262	G06Q 30/0251	UPDATE
G06Q 30/0263	G06Q 30/0251	UPDATE
G06Q 30/0264	G06Q 30/0251	UPDATE
G06Q 30/0265	G06Q 30/0251	UPDATE
G06Q 30/0266	G06Q 30/0251	UPDATE
G06Q 30/0267	G06Q 30/0251	UPDATE
G06Q 30/0268	G06Q 30/0251	UPDATE
G06Q 30/0269	G06Q 30/0251	UPDATE
G06Q 30/0271	G06Q 30/0251	UPDATE
G06Q 30/0272	G06Q 30/0272	UPDATE
G06Q 30/0273	G06Q 30/0273	UPDATE
G06Q 30/0274	G06Q 30/0273	UPDATE
G06Q 30/0275	G06Q 30/0273	UPDATE
G06Q 30/0276	G06Q 30/0241	UPDATE
G06Q 30/0277	G06Q 30/0241	UPDATE
G06Q 30/0279	G06Q 30/0279	UPDATE
G06Q 30/0282	G06Q 30/0282	UPDATE
G06Q 30/0283	G06Q 30/0283	UPDATE
G06Q 30/0284	G06Q 30/0283	UPDATE
G06Q 30/0601	G06Q 30/0601	UPDATE
G06Q 30/0603	G06Q 30/0601	UPDATE
G06Q 30/0605	G06Q 30/0601	UPDATE

CPC NOTICE OF CHANGES 1373

DATE: JANUARY 1, 2023

PROJECT RP11925

CPC	IPC	Action*
G06Q 30/0607	G06Q 30/0601	UPDATE
G06Q 30/0609	G06Q 30/0601	UPDATE
G06Q 30/0611	G06Q 30/0601	UPDATE
G06Q 30/0613	G06Q 30/0601	UPDATE
G06Q 30/0615	G06Q 30/0601	UPDATE
G06Q 30/0617	G06Q 30/0601	UPDATE
G06Q 30/0619	G06Q 30/0601	UPDATE
G06Q 30/0621	G06Q 30/0601	UPDATE
G06Q 30/0623	G06Q 30/0601	UPDATE
G06Q 30/0625	G06Q 30/0601	UPDATE
G06Q 30/0627	G06Q 30/0601	UPDATE
G06Q 30/0629	G06Q 30/0601	UPDATE
G06Q 30/0631	G06Q 30/0601	UPDATE
G06Q 30/0633	G06Q 30/0601	UPDATE
G06Q 30/0635	G06Q 30/0601	UPDATE
G06Q 30/0637	G06Q 30/0601	UPDATE
G06Q 30/0639	G06Q 30/0601	UPDATE
G06Q 30/0641	G06Q 30/0601	UPDATE
G06Q 30/0643	G06Q 30/0601	UPDATE
G06Q 30/0645	G06Q 30/0645	UPDATE
G06Q 40/025		DELETE
G06Q 40/03	G06Q 40/03	NEW
G06Q 40/10	G06Q 40/10	UPDATE
G06Q 40/12	G06Q 40/12	UPDATE
G06Q 40/123	G06Q 40/12	UPDATE
G06Q 40/125	G06Q 40/12	UPDATE
G06Q 40/128	G06Q 40/12	UPDATE

*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.

DATE: JANUARY 1, 2023

PROJECT RP11925

5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
G06Q50/16	G06Q40/025	Informative references	G06Q 40/03
G06Q50/165	G06Q40/025	Informative references	G06Q 40/03
H04L 12/00	G06Q 10/10	Informative references	Computer-aided management of electronic mailing [e-mailing] G06Q 10/107
H04L12/14	G06Q30/00	Informative references	Commerce G06Q 30/00
H04M 1/7243	G06Q 10/107	Informative references	Computer-aided management of electronic mailing [e-mailing] G06Q 10/107
H04M 1/72436	G06Q 10/107	Informative references	Computer-aided management of electronic mailing [e-mailing] G06Q 10/107
H04M 15/00	G06Q30/00	Limiting references	Commerce G06Q 30/00
H04M 17/00	G06Q30/00	Limiting references	Commerce G06Q 30/00

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.