

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		None
DEFINITIONS:		None

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

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)

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 41/00	H04L 41/00	UPDATE
H04L 41/02	H04L 41/02	UPDATE
H04L 41/0206	H04L 41/02	UPDATE
H04L 41/0213	H04L 41/0213	UPDATE
H04L 41/022	H04L 41/022	UPDATE
H04L 41/0226	H04L 41/0226	UPDATE
H04L 41/0233	H04L 41/0233	UPDATE
H04L 41/024	H04L 41/02	UPDATE
H04L 41/0246	H04L 41/0246	UPDATE
H04L 41/0253	H04L 41/0253	UPDATE
H04L 41/026	H04L 41/026	UPDATE
H04L 41/0266	H04L 41/0266	UPDATE
H04L 41/0273	H04L 41/0273	UPDATE
H04L 41/028	H04L 41/0273	UPDATE
H04L 41/0286	H04L 41/0273	UPDATE
H04L 41/0293	H04L 41/0273	UPDATE
H04L 41/04	H04L 41/04	UPDATE
H04L 41/042	H04L 41/042	UPDATE
H04L 41/044	H04L 41/044	UPDATE
H04L 41/046	H04L 41/046	UPDATE
H04L 41/048	H04L 41/046	UPDATE
H04L 41/06	H04L 41/06	UPDATE
H04L 41/0604	H04L 41/0604	UPDATE
H04L 41/0609	H04L 41/0604	UPDATE
H04L 41/0613	H04L 41/0604	UPDATE
H04L 41/0618	H04L 41/0604	UPDATE
H04L 41/0622	H04L 41/0604	UPDATE
H04L 41/0627	H04L 41/0604	UPDATE
H04L 41/0631	H04L 41/0631	UPDATE
H04L 41/0636	H04L 41/0631	UPDATE
H04L 41/064	H04L 41/0631	UPDATE
H04L 41/0645	H04L 41/0631	UPDATE
H04L 41/065	H04L 41/0631	UPDATE
H04L 41/0654	H04L 41/0654	UPDATE
H04L 41/0659	H04L 41/0659	UPDATE
H04L 41/0663	H04L 41/0663	UPDATE
H04L 41/0668	H04L 41/0668	UPDATE
H04L 41/0672	H04L 41/0654	UPDATE
H04L 41/0677	H04L 41/0677	UPDATE
H04L 41/0681	H04L 41/0681	UPDATE
H04L 41/0686	H04L 41/0686	UPDATE
H04L 41/069	H04L 41/069	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 41/0695	H04L 41/0695	UPDATE
H04L 41/08	H04L 41/08	UPDATE
H04L 41/0803	H04L 41/0803	UPDATE
H04L 41/0806	H04L 41/0806	UPDATE
H04L 41/0809	H04L 41/0806	UPDATE
H04L 41/0813	H04L 41/0813	UPDATE
H04L 41/0816	H04L 41/0816	UPDATE
H04L 41/082	H04L 41/082	UPDATE
H04L 41/0823	H04L 41/0823	UPDATE
H04L 41/0826	H04L 41/0826	UPDATE
H04L 41/083	H04L 41/083	UPDATE
H04L 41/0833	H04L 41/0833	UPDATE
H04L 41/0836	H04L 41/0823	UPDATE
H04L 41/084	H04L 41/084	UPDATE
H04L 41/0843	H04L 41/084	UPDATE
H04L 41/0846	H04L 41/084	UPDATE
H04L 41/085	H04L 41/085	UPDATE
H04L 41/0853	H04L 41/0853	UPDATE
H04L 41/0856	H04L 41/085	UPDATE
H04L 41/0859	H04L 41/0859	UPDATE
H04L 41/0863	H04L 41/085	UPDATE
H04L 41/0866	H04L 41/0866	UPDATE
H04L 41/0869	H04L 41/0869	UPDATE
H04L 41/0873	H04L 41/0873	UPDATE
H04L 41/0876	H04L 41/08	UPDATE
H04L 41/0879	H04L 41/08	UPDATE
H04L 41/0883	H04L 41/08	UPDATE
H04L 41/0886	H04L 41/08	UPDATE
H04L 41/0889	H04L 41/08	UPDATE
H04L 41/0893	H04L 41/0893	UPDATE
H04L 41/0896	H04L 41/0896	UPDATE
H04L 41/12	H04L 41/12	UPDATE
H04L 41/14	H04L 41/14	UPDATE
H04L 41/142	H04L 41/142	UPDATE
H04L 41/145	H04L 41/14	UPDATE
H04L 41/147	H04L 41/147	UPDATE
H04L 41/16	H04L 41/16	UPDATE
H04L 41/18	H04L 41/18	UPDATE
H04L 41/20	H04L 41/00	UPDATE
H04L 41/22	H04L 41/22	UPDATE
H04L 41/24	H04L 41/00	UPDATE
H04L 41/26	H04L 41/00	UPDATE
H04L 41/28	H04L 41/28	UPDATE
H04L 41/30	H04L 41/00	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 41/32	H04L 41/00	UPDATE
H04L 41/50	H04L 41/50	UPDATE
H04L 41/5003	H04L 41/5003	UPDATE
H04L 41/5006	H04L 41/5006	UPDATE
H04L 41/5009	H04L 41/5009	UPDATE
H04L 41/5012	H04L 41/5009	UPDATE
H04L 41/5016	H04L 41/5009	UPDATE
H04L 41/5019	H04L 41/5019	UPDATE
H04L 41/5022	H04L 41/5022	UPDATE
H04L 41/5025	H04L 41/5025	UPDATE
H04L 41/5029	H04L 41/50	UPDATE
H04L 41/5032	H04L 41/50	UPDATE
H04L 41/5035	H04L 43/091	UPDATE
H04L 41/5038	H04L 43/55	UPDATE
H04L 41/5041	H04L 41/5041	UPDATE
H04L 41/5045	H04L 41/5041	UPDATE
H04L 41/5048	H04L 41/5041	UPDATE
H04L 41/5051	H04L 41/5051	UPDATE
H04L 41/5054	H04L 41/5054	UPDATE
H04L 41/5058	H04L 41/50	UPDATE
H04L 41/5061	H04L 41/5061	UPDATE
H04L 41/5064	H04L 41/5061	UPDATE
H04L 41/5067	H04L 41/5067	UPDATE
H04L 41/507	H04L 41/507	UPDATE
H04L 41/5074	H04L 41/5074	UPDATE
H04L 41/5077	H04L 41/50	UPDATE
H04L 41/508	H04L 41/50	UPDATE
H04L 41/5083	H04L 41/50	UPDATE
H04L 41/5087	H04L 41/50	UPDATE
H04L 41/509	H04L 41/50	UPDATE
H04L 41/5093	H04L 41/50	UPDATE
H04L 41/5096	H04L 41/50	UPDATE
H04L 43/00	H04L 43/00	UPDATE
H04L 43/02	H04L 43/02	UPDATE
H04L 43/022	H04L 43/022	UPDATE
H04L 43/024	H04L 43/024	UPDATE
H04L 43/026	H04L 43/026	UPDATE
H04L 43/028	H04L 43/028	UPDATE
H04L 43/04	H04L 43/04	UPDATE
H04L 43/045	H04L 43/045	UPDATE
H04L 43/06	H04L 43/06	UPDATE
H04L 43/062	H04L 43/062	UPDATE
H04L 43/065	H04L 43/065	UPDATE
H04L 43/067	H04L 43/067	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 43/08	H04L 43/08	UPDATE
H04L 43/0805	H04L 43/0805	UPDATE
H04L 43/0811	H04L 43/0811	UPDATE
H04L 43/0817	H04L 43/0817	UPDATE
H04L 43/0823	H04L 43/0823	UPDATE
H04L 43/0829	H04L 43/0829	UPDATE
H04L 43/0835	H04L 43/0829	UPDATE
H04L 43/0841	H04L 43/0829	UPDATE
H04L 43/0847	H04L 43/0823	UPDATE
H04L 43/0852	H04L 43/0852	UPDATE
H04L 43/0858	H04L 43/0852	UPDATE
H04L 43/0864	H04L 43/0864	UPDATE
H04L 43/087	H04L 43/087	UPDATE
H04L 43/0876	H04L 43/0876	UPDATE
H04L 43/0882	H04L 43/0882	UPDATE
H04L 43/0888	H04L 43/0888	UPDATE
H04L 43/0894	H04L 43/0894	UPDATE
H04L 43/10	H04L 43/10	UPDATE
H04L 43/103	H04L 43/103	UPDATE
H04L 43/106	H04L 43/106	UPDATE
H04L 43/12	H04L 43/12	UPDATE
H04L 43/14	H04L 43/00	UPDATE
H04L 43/16	H04L 43/16	UPDATE
H04L 43/18	H04L 43/18	UPDATE
H04L 43/50	H04L 43/50	UPDATE
H04L 45/00	H04L 45/00	UPDATE
H04L 45/02	H04L 45/02	UPDATE
H04L 45/021	H04L 45/021	UPDATE
H04L 45/023	H04L 45/023	UPDATE
H04L 45/025	H04L 45/02	UPDATE
H04L 45/026	H04L 45/02	UPDATE
H04L 45/028	H04L 45/028	UPDATE
H04L 45/04	H04L 45/00	UPDATE
H04L 45/06	H04L 45/00	UPDATE
H04L 45/08	H04L 45/00	UPDATE
H04L 45/10	H04L 45/00	UPDATE
H04L 45/12	H04L 45/12	UPDATE
H04L 45/121	H04L 45/121	UPDATE
H04L 45/122	H04L 45/122	UPDATE
H04L 45/123	H04L 45/12	UPDATE
H04L 45/124	H04L 45/12	UPDATE
H04L 45/125	H04L 45/125	UPDATE
H04L 45/126	H04L 45/12	UPDATE
H04L 45/127	H04L 45/12	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 45/128	H04L 45/128	UPDATE
H04L 45/1283	H04L 45/128	UPDATE
H04L 45/1287	H04L 45/128	UPDATE
H04L 45/14	H04L 45/00	UPDATE
H04L 45/16	H04L 45/16	UPDATE
H04L 45/18	H04L 45/18	UPDATE
H04L 45/20	H04L 45/00	UPDATE
H04L 45/22	H04L 45/00	UPDATE
H04L 45/24	H04L 45/24	UPDATE
H04L 45/245	H04L 45/24	UPDATE
H04L 45/26	H04L 45/00	UPDATE
H04L 45/28	H04L 45/28	UPDATE
H04L 45/30	H04L 45/30	UPDATE
H04L 45/302	H04L 45/302	UPDATE
H04L 45/304	H04L 45/30	UPDATE
H04L 45/306	H04L 45/30	UPDATE
H04L 45/3065	H04L 45/30	UPDATE
H04L 45/308	H04L 45/30	UPDATE
H04L 45/32	H04L 45/00	UPDATE
H04L 45/34	H04L 45/00	UPDATE
H04L 45/36	H04L 45/00	UPDATE
H04L 45/38	H04L 45/00	UPDATE
H04L 45/40	H04L 45/00	UPDATE
H04L 45/42	H04L 45/42	UPDATE
H04L 45/44	H04L 45/44	UPDATE
H04L 45/46	H04L 45/00	UPDATE
H04L 45/48	H04L 45/48	UPDATE
H04L 45/50	H04L 45/50	UPDATE
H04L 45/502	H04L 45/50	UPDATE
H04L 45/505	H04L 45/50	UPDATE
H04L 45/507	H04L 45/50	UPDATE
H04L 45/52	H04L 45/52	UPDATE
H04L 45/54	H04L 45/00	UPDATE
H04L 45/56	H04L 45/00	UPDATE
H04L 45/563	H04L 45/00	UPDATE
H04L 45/566	H04L 45/00	UPDATE
H04L 45/58	H04L 45/58	UPDATE
H04L 45/583	H04L 45/58	UPDATE
H04L 45/586	H04L 45/586	UPDATE
H04L 45/60	H04L 45/60	UPDATE
H04L 45/62	H04L 45/00	UPDATE
H04L 45/64	H04L 45/64	UPDATE
H04L 45/66	H04L 45/00	UPDATE
H04L 45/68	H04L 45/00	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 45/70	H04L 45/00	UPDATE
H04L 45/72	H04L 45/00	UPDATE
H04L 45/74	H04L 45/74	UPDATE
H04L 45/741	H04L 45/741	UPDATE
H04L 45/742	H04L 45/74	UPDATE
H04L 45/745	H04L 45/745	UPDATE
H04L 45/7453	H04L 45/7453	UPDATE
H04L 45/7457	H04L 45/745	UPDATE
H04L 45/748	H04L 45/748	UPDATE
H04L 47/00	H04L 47/00	UPDATE
H04L 47/10	H04L 47/10	UPDATE
H04L 47/11	H04L 47/11	UPDATE
H04L 47/115	H04L 47/11	UPDATE
H04L 47/12	H04L 47/12	UPDATE
H04L 47/122	H04L 47/122	UPDATE
H04L 47/125	H04L 47/125	UPDATE
H04L 47/127	H04L 47/127	UPDATE
H04L 47/13	H04L 47/10	UPDATE
H04L 47/135	H04L 47/10	UPDATE
H04L 47/14	H04W 28/02	UPDATE
H04L 47/15	H04L 47/10	UPDATE
H04L 47/16	H04L 47/10	UPDATE
H04L 47/17	H04L 47/17	UPDATE
H04L 47/18	H04L 47/10	UPDATE
H04L 47/19	H04L 47/19	UPDATE
H04L 47/193	H04L 47/193	UPDATE
H04L 47/196	H04L 47/19	UPDATE
H04L 47/20	H04L 47/20	UPDATE
H04L 47/21	H04L 47/21	UPDATE
H04L 47/215	H04L 47/215	UPDATE
H04L 47/22	H04L 47/22	UPDATE
H04L 47/225	H04L 47/22	UPDATE
H04L 47/23	H04L 47/10	UPDATE
H04L 47/24	H04L 47/24	UPDATE
H04L 47/2408	H04L 47/2408	UPDATE
H04L 47/2416	H04L 47/2416	UPDATE
H04L 47/2425	H04L 47/2425	UPDATE
H04L 47/2433	H04L 47/2425	UPDATE
H04L 47/2441	H04L 47/2441	UPDATE
H04L 47/245	H04L 47/24	UPDATE
H04L 47/2458	H04L 47/24	UPDATE
H04L 47/2466	H04L 47/2466	UPDATE
H04L 47/2475	H04L 47/2475	UPDATE
H04L 47/2483	H04L 47/2483	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 47/2491	H04L 47/2491	UPDATE
H04L 47/25	H04L 47/25	UPDATE
H04L 47/26	H04L 47/26	UPDATE
H04L 47/263	H04L 47/263	UPDATE
H04L 47/266	H04L 47/263	UPDATE
H04L 47/27	H04L 47/27	UPDATE
H04L 47/28	H04L 47/28	UPDATE
H04L 47/283	H04L 47/283	UPDATE
H04L 47/286	H04L 47/28	UPDATE
H04L 47/29	H04L 47/10	UPDATE
H04L 47/30	H04L 47/30	UPDATE
H04L 47/31	H04L 47/31	UPDATE
H04L 47/32	H04L 47/32	UPDATE
H04L 47/323	H04L 47/32	UPDATE
H04L 47/326	H04L 47/32	UPDATE
H04L 47/33	H04L 47/33	UPDATE
H04L 47/34	H04L 47/34	UPDATE
H04L 47/35	H04L 47/35	UPDATE
H04L 47/36	H04L 47/36	UPDATE
H04L 47/365	H04L 47/36	UPDATE
H04L 47/37	H04L 47/10	UPDATE
H04L 47/38	H04L 47/38	UPDATE
H04L 47/39	H04L 47/10	UPDATE
H04L 47/40	H04L 47/40	UPDATE
H04L 47/41	H04L 47/41	UPDATE
H04L 47/50	H04L 47/50	UPDATE
H04L 47/52	H04L 47/52	UPDATE
H04L 47/521	H04L 47/52	UPDATE
H04L 47/522	H04L 47/52	UPDATE
H04L 47/524	H04L 47/52	UPDATE
H04L 47/525	H04L 47/525	UPDATE
H04L 47/527	H04L 47/52	UPDATE
H04L 47/528	H04L 47/52	UPDATE
H04L 47/54	H04L 47/50	UPDATE
H04L 47/56	H04L 47/56	UPDATE
H04L 47/562	H04L 47/56	UPDATE
H04L 47/564	H04L 47/56	UPDATE
H04L 47/566	H04L 47/56	UPDATE
H04L 47/568	H04L 47/56	UPDATE
H04L 47/58	H04L 47/50	UPDATE
H04L 47/60	H04L 47/60	UPDATE
H04L 47/62	H04L 47/62	UPDATE
H04L 47/6205	H04L 47/62	UPDATE
H04L 47/621	H04L 47/62	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 47/6215	H04L 47/62	UPDATE
H04L 47/622	H04L 47/62	UPDATE
H04L 47/6225	H04L 47/62	UPDATE
H04L 47/623	H04L 47/62	UPDATE
H04L 47/6235	H04L 47/62	UPDATE
H04L 47/624	H04L 47/62	UPDATE
H04L 47/6245	H04L 47/62	UPDATE
H04L 47/625	H04L 47/625	UPDATE
H04L 47/6255	H04L 47/625	UPDATE
H04L 47/626	H04L 47/625	UPDATE
H04L 47/6265	H04L 47/625	UPDATE
H04L 47/627	H04L 47/625	UPDATE
H04L 47/6275	H04L 47/6275	UPDATE
H04L 47/628	H04L 47/628	UPDATE
H04L 47/6285	H04L 47/62	UPDATE
H04L 47/629	H04L 47/629	UPDATE
H04L 47/6295	H04L 47/6295	UPDATE
H04L 47/70	H04L 47/70	UPDATE
H04L 47/72	H04L 47/72	UPDATE
H04L 47/722	H04L 47/722	UPDATE
H04L 47/724	H04L 47/724	UPDATE
H04L 47/726	H04L 47/726	UPDATE
H04L 47/728	H04L 47/726	UPDATE
H04L 47/74	H04L 47/74	UPDATE
H04L 47/741	H04L 47/74	UPDATE
H04L 47/743	H04L 47/74	UPDATE
H04L 47/745	H04L 47/74	UPDATE
H04L 47/746	H04L 47/74	UPDATE
H04L 47/748	H04L 47/74	UPDATE
H04L 47/76	H04L 47/76	UPDATE
H04L 47/762	H04L 47/762	UPDATE
H04L 47/765	H04L 47/765	UPDATE
H04L 47/767	H04L 47/765	UPDATE
H04L 47/78	H04L 47/78	UPDATE
H04L 47/781	H04L 47/78	UPDATE
H04L 47/782	H04L 47/78	UPDATE
H04L 47/783	H04L 47/783	UPDATE
H04L 47/785	H04L 47/785	UPDATE
H04L 47/786	H04L 47/785	UPDATE
H04L 47/787	H04L 47/783	UPDATE
H04L 47/788	H04L 47/78	UPDATE
H04L 47/80	H04L 47/80	UPDATE
H04L 47/801	H04L 47/80	UPDATE
H04L 47/803	H04L 47/80	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 47/805	H04L 47/80	UPDATE
H04L 47/806	H04L 47/80	UPDATE
H04L 47/808	H04L 47/80	UPDATE
H04L 47/82	H04L 47/70	UPDATE
H04L 47/821	H04L 47/70	UPDATE
H04L 47/822	H04L 47/70	UPDATE
H04L 47/823	H04L 47/83	UPDATE
H04L 47/824	H04L 47/70	UPDATE
H04L 47/825	H04L 47/70	UPDATE
H04L 47/826	H04L 47/70	UPDATE
H04L 47/827	H04L 47/70	UPDATE
H04L 47/828	H04L 47/70	UPDATE
H04L 47/829	H04L 47/70	UPDATE
H04L 49/00	H04L 49/00	UPDATE
H04L 49/10	H04L 49/10	UPDATE
H04L 49/101	H04L 49/101	UPDATE
H04L 49/102	H04L 49/102	UPDATE
H04L 49/103	H04L 49/103	UPDATE
H04L 49/104	H04L 49/104	UPDATE
H04L 49/105	H04L 49/104	UPDATE
H04L 49/106	H04L 49/104	UPDATE
H04L 49/107	H04L 49/104	UPDATE
H04L 49/108	H04L 49/104	UPDATE
H04L 49/109	H04L 49/109	UPDATE
H04L 49/15	H04L 49/15	UPDATE
H04L 49/1507	H04L 49/15	UPDATE
H04L 49/1515	H04L 49/1515	UPDATE
H04L 49/1523	H04L 49/1515	UPDATE
H04L 49/153	H04L 49/1515	UPDATE
H04L 49/1538	H04L 49/1515	UPDATE
H04L 49/1546	H04L 49/1546	UPDATE
H04L 49/1553	H04L 49/15	UPDATE
H04L 49/1561	H04L 49/15	UPDATE
H04L 49/1569	H04L 49/15	UPDATE
H04L 49/1576	H04L 49/15	UPDATE
H04L 49/1584	H04L 49/15	UPDATE
H04L 49/1592	H04L 49/15	UPDATE
H04L 49/20	H04L 49/20	UPDATE
H04L 49/201	H04L 49/201	UPDATE
H04L 49/203	H04L 49/201	UPDATE
H04L 49/205	H04L 49/20	UPDATE
H04L 49/206	H04L 49/20	UPDATE
H04L 49/208	H04L 49/20	UPDATE
H04L 49/25	H04L 49/25	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 49/251	H04L 49/25	UPDATE
H04L 49/252	H04L 49/25	UPDATE
H04L 49/253	H04L 49/253	UPDATE
H04L 49/254	H04L 49/253	UPDATE
H04L 49/255	H04L 49/253	UPDATE
H04L 49/256	H04L 49/25	UPDATE
H04L 49/257	H04L 49/25	UPDATE
H04L 49/258	H04L 49/25	UPDATE
H04L 49/30	H04L 49/00	UPDATE
H04L 49/3009	H04L 49/00	UPDATE
H04L 49/3018	H04L 49/00	UPDATE
H04L 49/3027	H04L 49/00	UPDATE
H04L 49/3036	H04L 49/00	UPDATE
H04L 49/3045	H04L 49/00	UPDATE
H04L 49/3054	H04L 49/00	UPDATE
H04L 49/3063	H04L 49/00	UPDATE
H04L 49/3072	H04L 49/00	UPDATE
H04L 49/3081	H04L 49/00	UPDATE
H04L 49/309	H04L 49/00	UPDATE
H04L 49/35	H04L 49/35	UPDATE
H04L 49/351	H04L 49/351	UPDATE
H04L 49/352	H04L 49/351	UPDATE
H04L 49/353	H04L 49/35	UPDATE
H04L 49/354	H04L 49/354	UPDATE
H04L 49/355	H04L 49/35	UPDATE
H04L 49/356	H04L 49/356	UPDATE
H04L 49/357	H04L 49/356	UPDATE
H04L 49/358	H04L 49/356	UPDATE
H04L 49/40	H04L 49/40	UPDATE
H04L 49/405	H04L 49/40	UPDATE
H04L 49/45	H04L 49/45	UPDATE
H04L 49/455	H04L 49/45	UPDATE
H04L 49/50	H04L 49/50	UPDATE
H04L 49/501	H04L 49/50	UPDATE
H04L 49/503	H04L 49/50	UPDATE
H04L 49/505	H04L 49/505	UPDATE
H04L 49/506	H04L 49/506	UPDATE
H04L 49/508	H04L 49/505	UPDATE
H04L 49/55	H04L 49/55	UPDATE
H04L 49/552	H04L 49/552	UPDATE
H04L 49/555	H04L 49/55	UPDATE
H04L 49/557	H04L 49/55	UPDATE
H04L 49/60	H04L 49/60	UPDATE
H04L 49/602	H04L 49/60	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 49/604	H04L 49/60	UPDATE
H04L 49/606	H04L 49/60	UPDATE
H04L 49/608	H04L 49/60	UPDATE
H04L 49/65	H04L 49/65	UPDATE
H04L 49/70	H04L 49/00	UPDATE
H04L 49/90	H04L 49/90	UPDATE
H04L 49/9005	H04L 49/9005	UPDATE
H04L 49/901	H04L 49/901	UPDATE
H04L 49/9015	H04L 49/9015	UPDATE
H04L 49/9021	H04L 49/90	UPDATE
H04L 49/9026	H04L 49/90	UPDATE
H04L 49/9031	H04L 49/90	UPDATE
H04L 49/9036	H04L 49/90	UPDATE
H04L 49/9042	H04L 49/90	UPDATE
H04L 49/9047	H04L 49/9047	UPDATE
H04L 49/9052	H04L 49/9047	UPDATE
H04L 49/9057	H04L 49/9057	UPDATE
H04L 49/9063	H04L 49/90	UPDATE
H04L 49/9068	H04L 49/90	UPDATE
H04L 49/9073	H04L 49/90	UPDATE
H04L 49/9078	H04L 49/90	UPDATE
H04L 49/9084	H04L 49/90	UPDATE
H04L 49/9089	H04L 49/90	UPDATE
H04L 49/9094	H04L 49/90	UPDATE
H04L 51/00	H04L 51/00	UPDATE
H04L 51/02	H04L 51/02	UPDATE
H04L 51/04	H04L 51/04	UPDATE
H04L 51/043	H04L 51/043	UPDATE
H04L 51/046	H04L 51/046	UPDATE
H04L 51/06	H04L 51/06	UPDATE
H04L 51/063	H04L 51/063	UPDATE
H04L 51/066	H04L 51/066	UPDATE
H04L 51/08	H04L 51/08	UPDATE
H04L 51/10	H04L 51/10	UPDATE
H04L 51/12	H04L 51/00	UPDATE
H04L 51/14	H04L 51/00	UPDATE
H04L 51/16	H04L 51/00	UPDATE
H04L 51/18	H04L 51/18	UPDATE
H04L 51/20	H04L 51/222	UPDATE
H04L 51/22	H04L 51/42	UPDATE
H04L 51/24	H04L 51/224	UPDATE
H04L 51/26	H04L 51/226	UPDATE
H04L 51/28	H04L 51/48	UPDATE
H04L 51/30	H04L 51/23	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 51/32	H04L 51/52	UPDATE
H04L 51/34	H04L 51/234	UPDATE
H04L 51/36	H04L 51/56	UPDATE
H04L 51/38	H04L 51/58	UPDATE
H04L 61/00	H04L 61/00	UPDATE
H04L 61/10	H04L 61/10	UPDATE
H04L 61/103	H04L 61/103	UPDATE
H04L 61/106	H04L 61/106	UPDATE
H04L 61/15	H04L 61/45	UPDATE
H04L 61/1505	H04L 61/4505	UPDATE
H04L 61/1511	H04L 61/4511	UPDATE
H04L 61/1517	H04L 61/4517	UPDATE
H04L 61/1523	H04L 61/4523	UPDATE
H04L 61/1529	H04L 61/4505	UPDATE
H04L 61/1535	H04L 61/4535	UPDATE
H04L 61/1541	H04L 61/4541	UPDATE
H04L 61/1547	H04L 61/45	UPDATE
H04L 61/1552	H04L 61/4552	UPDATE
H04L 61/1558	H04L 61/45	UPDATE
H04L 61/1564	H04L 61/45	UPDATE
H04L 61/157	H04L 61/4557	UPDATE
H04L 61/1576	H04L 61/45	UPDATE
H04L 61/1582	H04L 61/45	UPDATE
H04L 61/1588	H04L 61/4588	UPDATE
H04L 61/1594	H04L 61/4594	UPDATE
H04L 61/20	H04L 61/50	UPDATE
H04L 61/2007	H04L 61/5007	UPDATE
H04L 61/2015	H04L 61/5014	UPDATE
H04L 61/2023	H04L 61/5014	UPDATE
H04L 61/203	H04L 61/503	UPDATE
H04L 61/2038	H04L 61/5038	UPDATE
H04L 61/2046	H04L 61/5046	UPDATE
H04L 61/2053	H04L 61/5053	UPDATE
H04L 61/2061	H04L 61/5061	UPDATE
H04L 61/2069	H04L 61/5069	UPDATE
H04L 61/2076	H04L 61/5076	UPDATE
H04L 61/2084	H04L 61/5084	UPDATE
H04L 61/2092	H04L 61/5092	UPDATE
H04L 61/25	H04L 61/25	UPDATE
H04L 61/2503	H04L 61/2503	UPDATE
H04L 61/2507	H04L 61/2503	UPDATE
H04L 61/251	H04L 61/251	UPDATE
H04L 61/2514	H04L 61/2514	UPDATE
H04L 61/2517	H04L 61/2517	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 61/2521	H04L 61/2521	UPDATE
H04L 61/2525	H04L 61/2521	UPDATE
H04L 61/2528	H04L 61/2521	UPDATE
H04L 61/2532	H04L 61/2521	UPDATE
H04L 61/2535	H04L 61/2521	UPDATE
H04L 61/2539	H04L 61/2539	UPDATE
H04L 61/2542	H04L 61/2503	UPDATE
H04L 61/2546	H04L 61/2546	UPDATE
H04L 61/255	H04L 61/255	UPDATE
H04L 61/2553	H04L 61/2553	UPDATE
H04L 61/2557	H04L 61/2557	UPDATE
H04L 61/256	H04L 61/256	UPDATE
H04L 61/2564	H04L 61/256	UPDATE
H04L 61/2567	H04L 61/2567	UPDATE
H04L 61/2571	H04L 61/256	UPDATE
H04L 61/2575	H04L 61/2575	UPDATE
H04L 61/2578	H04L 61/2578	UPDATE
H04L 61/2582	H04L 61/2582	UPDATE
H04L 61/2585	H04L 61/2585	UPDATE
H04L 61/2589	H04L 61/2589	UPDATE
H04L 61/2592	H04L 61/2592	UPDATE
H04L 61/2596	H04L 61/2596	UPDATE
H04L 61/30	H04L 61/30	UPDATE
H04L 61/3005	H04L 61/30	UPDATE
H04L 61/301	H04L 61/301	UPDATE
H04L 61/3015	H04L 61/3015	UPDATE
H04L 61/302	H04L 61/3015	UPDATE
H04L 61/3025	H04L 61/3015	UPDATE
H04L 61/303	H04L 101/30	UPDATE
H04L 61/3035	H04L 101/32	UPDATE
H04L 61/304	H04L 101/33	UPDATE
H04L 61/3045	H04L 101/345	UPDATE
H04L 61/305	H04L 101/35	UPDATE
H04L 61/3055	H04L 101/355	UPDATE
H04L 61/306	H04L 101/30	UPDATE
H04L 61/3065	H04L 101/365	UPDATE
H04L 61/307	H04L 101/37	UPDATE
H04L 61/3075	H04L 101/375	UPDATE
H04L 61/308	H04L 101/38	UPDATE
H04L 61/3085	H04L 101/385	UPDATE
H04L 61/309	H04L 101/39	UPDATE
H04L 61/3095	H04L 101/395	UPDATE
H04L 61/35	H04L 61/00	UPDATE
H04L 61/60	H04L 101/60	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 61/6004	H04L 101/604	UPDATE
H04L 61/6009	H04L 61/58	UPDATE
H04L 61/6013	H04L 61/59	UPDATE
H04L 61/6018	H04L 101/618	UPDATE
H04L 61/6022	H04L 101/622	UPDATE
H04L 61/6027	H04L 101/627	UPDATE
H04L 61/6031	H04L 101/631	UPDATE
H04L 61/6036	H04L 101/636	UPDATE
H04L 61/604	H04L 101/64	UPDATE
H04L 61/6045	H04L 101/645	UPDATE
H04L 61/605	H04L 101/65	UPDATE
H04L 61/6054	H04L 101/654	UPDATE
H04L 61/6059	H04L 101/659	UPDATE
H04L 61/6063	H04L 101/663	UPDATE
H04L 61/6068	H04L 101/668	UPDATE
H04L 61/6072	H04L 101/672	UPDATE
H04L 61/6077	H04L 101/677	UPDATE
H04L 61/6081	H04L 101/681	UPDATE
H04L 61/6086	H04L 101/686	UPDATE
H04L 61/609	H04L 101/69	UPDATE
H04L 61/6095	H04L 101/695	UPDATE
H04L 65/00	H04L 65/00	UPDATE
H04L 65/10	H04L 65/10	UPDATE
H04L 65/1003	H04L 65/10	UPDATE
H04L 65/1006	H04L 65/10	UPDATE
H04L 65/1009	H04L 65/10	UPDATE
H04L 65/1013	H04L 65/10	UPDATE
H04L 65/1016	H04L 65/1016	UPDATE
H04L 65/102	H04L 65/102	UPDATE
H04L 65/1023	H04L 65/1023	UPDATE
H04L 65/1026	H04L 65/1023	UPDATE
H04L 65/103	H04L 65/1023	UPDATE
H04L 65/1033	H04L 65/1033	UPDATE
H04L 65/1036	H04L 65/1033	UPDATE
H04L 65/104	H04L 65/1033	UPDATE
H04L 65/1043	H04L 65/1043	UPDATE
H04L 65/1046	H04L 65/1046	UPDATE
H04L 65/105	H04L 65/1045	UPDATE
H04L 65/1053	H04L 65/1053	UPDATE
H04L 65/1056	H04L 65/1056	UPDATE
H04L 65/1059	H04L 65/1059	UPDATE
H04L 65/1063	H04L 65/1063	UPDATE
H04L 65/1066	H04L 65/1066	UPDATE
H04L 65/1069	H04L 65/1069	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 65/1073	H04L 65/1073	UPDATE
H04L 65/1076	H04L 65/1076	UPDATE
H04L 65/1079	H04L 65/1076	UPDATE
H04L 65/1083	H04L 65/1083	UPDATE
H04L 65/1086	H04L 65/1083	UPDATE
H04L 65/1089	H04L 65/1089	UPDATE
H04L 65/1093	H04L 65/1093	UPDATE
H04L 65/1096	H04L 65/1096	UPDATE
H04L 65/40	H04L 65/40	UPDATE
H04L 65/4007	H04L 65/401	UPDATE
H04L 65/4015	H04L 65/401	UPDATE
H04L 65/4023	H04L 65/401	UPDATE
H04L 65/403	H04L 65/403	UPDATE
H04L 65/4038	H04L 65/4038	UPDATE
H04L 65/4046	H04L 65/403	UPDATE
H04L 65/4053	H04L 65/4053	UPDATE
H04L 65/4061	H04L 65/4061	UPDATE
H04L 65/4069	H04L 65/61	UPDATE
H04L 65/4076	H04L 65/611	UPDATE
H04L 65/4084	H04L 65/612	UPDATE
H04L 65/4092	H04L 65/613	UPDATE
H04L 65/60	H04L 65/60	UPDATE
H04L 65/601	H04L 65/60	UPDATE
H04L 65/602	H04L 65/60	UPDATE
H04L 65/604	H04L 65/60	UPDATE
H04L 65/605	H04L 65/60	UPDATE
H04L 65/607	H04L 65/60	UPDATE
H04L 65/608	H04L 65/65	UPDATE
H04L 65/80	H04L 65/80	UPDATE
H04L 67/00	H04L 67/00	UPDATE
H04L 67/02	H04L 67/02	UPDATE
H04L 67/025	H04L 67/025	UPDATE
H04L 67/04	H04L 67/04	UPDATE
H04L 67/06	H04L 67/06	UPDATE
H04L 67/08	H04L 67/08	UPDATE
H04L 67/10	H04L 67/10	UPDATE
H04L 67/1002	H04L 67/1001	UPDATE
H04L 67/1004	H04L 67/1004	UPDATE
H04L 67/1006	H04L 67/1006	UPDATE
H04L 67/1008	H04L 67/1008	UPDATE
H04L 67/101	H04L 67/101	UPDATE
H04L 67/1012	H04L 67/1012	UPDATE
H04L 67/1014	H04L 67/1014	UPDATE
H04L 67/1017	H04L 67/1017	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 67/1019	H04L 67/1019	UPDATE
H04L 67/1021	H04L 67/1021	UPDATE
H04L 67/1023	H04L 67/1023	UPDATE
H04L 67/1025	H04L 67/1025	UPDATE
H04L 67/1027	H04L 67/1027	UPDATE
H04L 67/1029	H04L 67/1029	UPDATE
H04L 67/1031	H04L 67/1031	UPDATE
H04L 67/1034	H04L 67/1034	UPDATE
H04L 67/1036	H04L 67/1036	UPDATE
H04L 67/1038	H04L 67/1038	UPDATE
H04L 67/104	H04L 67/104	UPDATE
H04L 67/1042	H04L 67/1042	UPDATE
H04L 67/1044	H04L 67/1042	UPDATE
H04L 67/1046	H04L 67/1042	UPDATE
H04L 67/1048	H04L 67/1042	UPDATE
H04L 67/1051	H04L 67/1042	UPDATE
H04L 67/1053	H04L 67/1042	UPDATE
H04L 67/1055	H04L 67/1042	UPDATE
H04L 67/1057	H04L 67/1042	UPDATE
H04L 67/1059	H04L 67/1042	UPDATE
H04L 67/1061	H04L 67/1061	UPDATE
H04L 67/1063	H04L 67/1061	UPDATE
H04L 67/1065	H04L 67/1061	UPDATE
H04L 67/1068	H04L 67/1061	UPDATE
H04L 67/107	H04L 67/1061	UPDATE
H04L 67/1072	H04L 67/1061	UPDATE
H04L 67/1074	H04L 67/1074	UPDATE
H04L 67/1076	H04L 67/1074	UPDATE
H04L 67/1078	H04L 67/1074	UPDATE
H04L 67/108	H04L 67/1074	UPDATE
H04L 67/1082	H04L 67/1074	UPDATE
H04L 67/1085	H04L 67/1074	UPDATE
H04L 67/1087	H04L 67/1087	UPDATE
H04L 67/1089	H04L 67/1087	UPDATE
H04L 67/1091	H04L 67/1087	UPDATE
H04L 67/1093	H04L 67/1087	UPDATE
H04L 67/1095	H04L 67/1095	UPDATE
H04L 67/1097	H04L 67/1097	UPDATE
H04L 67/12	H04L 67/12	UPDATE
H04L 67/125	H04L 67/125	UPDATE
H04L 67/14	H04L 67/14	UPDATE
H04L 67/141	H04L 67/141	UPDATE
H04L 67/142	H04L 67/142	UPDATE
H04L 67/143	H04L 67/143	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 67/145	H04L 67/145	UPDATE
H04L 67/146	H04L 67/146	UPDATE
H04L 67/147	H04L 67/147	UPDATE
H04L 67/148	H04L 67/148	UPDATE
H04L 67/16	H04L 67/51	UPDATE
H04L 67/18	H04L 67/52	UPDATE
H04L 67/20	H04L 67/53	UPDATE
H04L 67/22	H04L 67/50	UPDATE
H04L 67/24	H04L 67/54	UPDATE
H04L 67/26	H04L 67/55	UPDATE
H04L 67/28	H04L 67/56	UPDATE
H04L 67/2804	H04L 67/561	UPDATE
H04L 67/2809	H04L 67/562	UPDATE
H04L 67/2814	H04L 67/563	UPDATE
H04L 67/2819	H04L 67/564	UPDATE
H04L 67/2823	H04L 67/565	UPDATE
H04L 67/2828	H04L 67/5651	UPDATE
H04L 67/2833	H04L 67/566	UPDATE
H04L 67/2838	H04L 67/567	UPDATE
H04L 67/2842	H04L 67/568	UPDATE
H04L 67/2847	H04L 67/5681	UPDATE
H04L 67/2852	H04L 67/5682	UPDATE
H04L 67/2857	H04L 67/5683	UPDATE
H04L 67/2861	H04L 67/59	UPDATE
H04L 67/2866	H04L 67/2866	UPDATE
H04L 67/2871	H04L 67/2871	UPDATE
H04L 67/2876	H04L 67/2876	UPDATE
H04L 67/288	H04L 67/288	UPDATE
H04L 67/2885	H04L 67/2885	UPDATE
H04L 67/289	H04L 67/289	UPDATE
H04L 67/2895	H04L 67/2895	UPDATE
H04L 67/30	H04L 67/30	UPDATE
H04L 67/303	H04L 67/303	UPDATE
H04L 67/306	H04L 67/306	UPDATE
H04L 67/32	H04L 67/60	UPDATE
H04L 67/322	H04L 67/61	UPDATE
H04L 67/325	H04L 67/62	UPDATE
H04L 67/327	H04L 67/63	UPDATE
H04L 67/34	H04L 67/00	UPDATE
H04L 67/36	H04L 67/75	UPDATE
H04L 67/38	H04L 67/131	UPDATE
H04L 67/40	H04L 67/133	UPDATE
H04L 67/42	H04L 67/01	UPDATE
H04L 69/00	H04L 69/00	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 69/02	H04L 69/00	UPDATE
H04L 69/03	H04L 69/00	UPDATE
H04L 69/04	H04L 69/04	UPDATE
H04L 69/06	H04L 69/06	UPDATE
H04L 69/08	H04L 69/08	UPDATE
H04L 69/10	H04L 69/10	UPDATE
H04L 69/12	H04L 69/12	UPDATE
H04L 69/14	H04L 69/14	UPDATE
H04L 69/16	H04L 69/16	UPDATE
H04L 69/161	H04L 69/16	UPDATE
H04L 69/162	H04L 69/16	UPDATE
H04L 69/163	H04L 69/163	UPDATE
H04L 69/164	H04L 69/164	UPDATE
H04L 69/165	H04L 69/165	UPDATE
H04L 69/166	H04L 69/166	UPDATE
H04L 69/167	H04L 69/167	UPDATE
H04L 69/168	H04L 69/168	UPDATE
H04L 69/169	H04L 69/16	UPDATE
H04L 69/18	H04L 69/18	UPDATE
H04L 69/22	H04L 69/22	UPDATE
H04L 69/24	H04L 69/24	UPDATE
H04L 69/26	H04L 69/00	UPDATE
H04L 69/28	H04L 69/28	UPDATE
H04L 69/30	H04L 69/30	UPDATE
H04L 69/32	H04L 69/32	UPDATE
H04L 69/321	H04L 69/321	UPDATE
H04L 69/322	H04L 69/322	UPDATE
H04L 69/323	H04L 69/323	UPDATE
H04L 69/324	H04L 69/324	UPDATE
H04L 69/325	H04L 69/325	UPDATE
H04L 69/326	H04L 69/326	UPDATE
H04L 69/327	H04L 69/327	UPDATE
H04L 69/328	H04L 69/328	UPDATE
H04L 69/329	H04L 69/329	UPDATE
H04L 69/40	H04L 69/40	UPDATE
H04L 29/00	H04L 69/00	UPDATE
H04L 29/02	H04L 65/00	UPDATE
H04L 29/04	H04L 69/14	UPDATE
H04L 29/06	H04L 9/40	UPDATE
H04L 29/06006	H04L 69/00	UPDATE
H04L 29/06013	H04L 69/00	UPDATE
H04L 29/0602	H04L 67/00	UPDATE
H04L 29/06027	H04L 65/1101	UPDATE
H04L 29/06034	H04L 67/131	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/0604	H04L 69/04	UPDATE
H04L 29/06047	H04L 67/00	UPDATE
H04L 2029/06054	H04L 67/1001	UPDATE
H04L 29/06061	H04L 69/06	UPDATE
H04L 29/06068	H04L 69/08	UPDATE
H04L 29/06074	H04L 69/10	UPDATE
H04L 29/06081	H04L 69/12	UPDATE
H04L 29/06088	H04L 69/14	UPDATE
H04L 29/06095	H04L 69/16	UPDATE
H04L 29/06102	H04L 69/16	UPDATE
H04L 29/06108	H04L 69/16	UPDATE
H04L 29/06115	H04L 69/163	UPDATE
H04L 29/06122	H04L 69/164	UPDATE
H04L 29/06129	H04L 69/165	UPDATE
H04L 29/06136	H04L 69/166	UPDATE
H04L 29/06142	H04L 69/167	UPDATE
H04L 29/06149	H04L 69/168	UPDATE
H04L 29/06156	H04L 69/16	UPDATE
H04L 29/06163	H04L 69/18	UPDATE
H04L 29/0617	H04L 67/133	UPDATE
H04L 29/06176	H04L 65/00	UPDATE
H04L 29/06183	H04L 65/1101	UPDATE
H04L 29/0619	H04L 65/1101	UPDATE
H04L 29/06197	H04L 65/1104	UPDATE
H04L 29/06204	H04L 65/1106	UPDATE
H04L 29/0621	H04L 65/10	UPDATE
H04L 29/06217	H04L 65/1016	UPDATE
H04L 29/06224	H04L 65/102	UPDATE
H04L 29/06231	H04L 65/1023	UPDATE
H04L 29/06238	H04L 65/1023	UPDATE
H04L 29/06244	H04L 65/1023	UPDATE
H04L 29/06251	H04L 65/1033	UPDATE
H04L 29/06258	H04L 65/1033	UPDATE
H04L 29/06265	H04L 65/1033	UPDATE
H04L 29/06272	H04L 65/1043	UPDATE
H04L 29/06278	H04L 65/1046	UPDATE
H04L 29/06285	H04L 65/1045	UPDATE
H04L 29/06292	H04L 65/1053	UPDATE
H04L 29/06299	H04L 65/1056	UPDATE
H04L 29/06306	H04L 65/1059	UPDATE
H04L 29/06312	H04L 65/1063	UPDATE
H04L 29/06319	H04L 65/1066	UPDATE
H04L 29/06326	H04L 65/1069	UPDATE
H04L 29/06333	H04L 65/1073	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/0634	H04L 65/1076	UPDATE
H04L 29/06346	H04L 65/1076	UPDATE
H04L 29/06353	H04L 65/1083	UPDATE
H04L 29/0636	H04L 65/1083	UPDATE
H04L 29/06367	H04L 65/1089	UPDATE
H04L 29/06374	H04L 65/1093	UPDATE
H04L 29/0638	H04L 65/1096	UPDATE
H04L 29/06387	H04L 65/40	UPDATE
H04L 29/06394	H04L 65/401	UPDATE
H04L 29/06401	H04L 65/401	UPDATE
H04L 29/06408	H04L 65/401	UPDATE
H04L 29/06414	H04L 65/403	UPDATE
H04L 29/06421	H04L 65/4038	UPDATE
H04L 29/06428	H04L 65/403	UPDATE
H04L 29/06435	H04L 65/4053	UPDATE
H04L 29/06442	H04L 65/4061	UPDATE
H04L 29/06448	H04L 65/61	UPDATE
H04L 29/06455	H04L 65/611	UPDATE
H04L 29/06462	H04L 65/612	UPDATE
H04L 29/06469	H04L 65/613	UPDATE
H04L 29/06476	H04L 65/60	UPDATE
H04L 29/06482	H04L 65/75	UPDATE
H04L 29/06489	H04L 65/75	UPDATE
H04L 29/06496	H04L 65/75	UPDATE
H04L 29/06503	H04L 65/75	UPDATE
H04L 29/0651	H04L 65/70	UPDATE
H04L 29/06517	H04L 65/65	UPDATE
H04L 29/06523	H04L 65/80	UPDATE
H04L 29/0653	H04L 69/22	UPDATE
H04L 29/06537	H04L 69/24	UPDATE
H04L 29/06544	H04L 69/00	UPDATE
H04L 29/06551	H04L 9/40	UPDATE
H04L 29/06557	H04L 9/40	UPDATE
H04L 29/06564	H04L 9/40	UPDATE
H04L 29/06571	H04L 9/40	UPDATE
H04L 29/06578	H04L 9/40	UPDATE
H04L 29/06585	H04L 9/40	UPDATE
H04L 29/06591	H04L 9/40	UPDATE
H04L 29/06598	H04L 9/40	UPDATE
H04L 29/06605	H04L 9/40	UPDATE
H04L 29/06612	H04L 9/40	UPDATE
H04L 29/06619	H04L 9/40	UPDATE
H04L 29/06625	H04L 9/40	UPDATE
H04L 29/06632	H04L 9/40	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/06639	H04L 9/40	UPDATE
H04L 29/06646	H04L 9/40	UPDATE
H04L 29/06653	H04L 9/40	UPDATE
H04L 29/06659	H04L 9/40	UPDATE
H04L 29/06666	H04L 9/40	UPDATE
H04L 29/06673	H04L 9/40	UPDATE
H04L 29/0668	H04L 9/40	UPDATE
H04L 29/06687	H04L 9/40	UPDATE
H04L 29/06693	H04L 9/40	UPDATE
H04L 29/067	H04L 9/40	UPDATE
H04L 29/06707	H04L 9/40	UPDATE
H04L 29/06714	H04L 9/40	UPDATE
H04L 29/06721	H04L 9/40	UPDATE
H04L 29/06727	H04L 9/40	UPDATE
H04L 29/06734	H04L 9/40	UPDATE
H04L 29/06741	H04L 9/40	UPDATE
H04L 29/06748	H04L 9/40	UPDATE
H04L 29/06755	H04L 9/40	UPDATE
H04L 29/06761	H04L 9/40	UPDATE
H04L 29/06768	H04L 9/40	UPDATE
H04L 29/06775	H04L 9/40	UPDATE
H04L 29/06782	H04L 9/40	UPDATE
H04L 29/06789	H04L 9/40	UPDATE
H04L 29/06795	H04L 9/40	UPDATE
H04L 29/06802	H04L 9/40	UPDATE
H04L 29/06809	H04L 9/40	UPDATE
H04L 29/06816	H04L 9/40	UPDATE
H04L 29/06823	H04L 9/40	UPDATE
H04L 29/06829	H04L 9/40	UPDATE
H04L 29/06836	H04L 9/40	UPDATE
H04L 29/06843	H04L 9/40	UPDATE
H04L 29/0685	H04L 9/40	UPDATE
H04L 29/06857	H04L 9/40	UPDATE
H04L 29/06863	H04L 9/40	UPDATE
H04L 29/0687	H04L 9/40	UPDATE
H04L 29/06877	H04L 9/40	UPDATE
H04L 29/06884	H04L 9/40	UPDATE
H04L 29/06891	H04L 9/40	UPDATE
H04L 29/06897	H04L 9/40	UPDATE
H04L 29/06904	H04L 9/40	UPDATE
H04L 29/06911	H04L 9/40	UPDATE
H04L 29/06918	H04L 9/40	UPDATE
H04L 29/06925	H04L 9/40	UPDATE
H04L 29/06931	H04L 9/40	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/06938	H04L 9/40	UPDATE
H04L 29/06945	H04L 9/40	UPDATE
H04L 29/06952	H04L 9/40	UPDATE
H04L 29/06959	H04L 9/40	UPDATE
H04L 29/06965	H04L 9/40	UPDATE
H04L 29/06972	H04L 9/40	UPDATE
H04L 29/06979	H04L 9/40	UPDATE
H04L 29/06986	H04L 9/40	UPDATE
H04L 29/06993	H04L 69/28	UPDATE
H04L 29/08	H04L 65/40	UPDATE
H04L 29/08009	H04L 69/32	UPDATE
H04L 29/08018	H04L 69/323	UPDATE
H04L 29/08027	H04L 69/324	UPDATE
H04L 29/08036	H04L 69/325	UPDATE
H04L 29/08045	H04L 69/326	UPDATE
H04L 29/08054	H04L 69/327	UPDATE
H04L 29/08063	H04L 69/328	UPDATE
H04L 29/08072	H04L 69/329	UPDATE
H04L 29/08081	H04L 67/00	UPDATE
H04L 29/0809	H04L 67/02	UPDATE
H04L 29/08099	H04L 67/025	UPDATE
H04L 29/08108	H04L 67/04	UPDATE
H04L 29/08117	H04L 67/06	UPDATE
H04L 29/08126	H04L 67/08	UPDATE
H04L 29/08135	H04L 67/10	UPDATE
H04L 29/08144	H04L 67/1001	UPDATE
H04L 29/08153	H04L 67/1004	UPDATE
H04L 29/08162	H04L 67/1006	UPDATE
H04L 29/08171	H04L 67/1008	UPDATE
H04L 29/0818	H04L 67/101	UPDATE
H04L 29/08189	H04L 67/1012	UPDATE
H04L 29/08198	H04L 67/1014	UPDATE
H04L 29/08207	H04L 67/1017	UPDATE
H04L 29/08216	H04L 67/1019	UPDATE
H04L 29/08225	H04L 67/1021	UPDATE
H04L 29/08234	H04L 67/1023	UPDATE
H04L 29/08243	H04L 67/1025	UPDATE
H04L 29/08252	H04L 67/1027	UPDATE
H04L 29/08261	H04L 67/1029	UPDATE
H04L 29/0827	H04L 67/1031	UPDATE
H04L 29/08279	H04L 67/1034	UPDATE
H04L 29/08288	H04L 67/1036	UPDATE
H04L 29/08297	H04L 67/1038	UPDATE
H04L 29/08306	H04L 67/104	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/08315	H04L 67/1042	UPDATE
H04L 29/08324	H04L 67/1042	UPDATE
H04L 29/08333	H04L 67/1042	UPDATE
H04L 29/08342	H04L 67/1042	UPDATE
H04L 29/08351	H04L 67/1042	UPDATE
H04L 29/0836	H04L 67/1042	UPDATE
H04L 29/08369	H04L 67/1042	UPDATE
H04L 29/08378	H04L 67/1042	UPDATE
H04L 29/08387	H04L 67/1042	UPDATE
H04L 29/08396	H04L 67/1061	UPDATE
H04L 29/08405	H04L 67/1061	UPDATE
H04L 29/08414	H04L 67/1061	UPDATE
H04L 29/08423	H04L 67/1061	UPDATE
H04L 29/08432	H04L 67/1061	UPDATE
H04L 29/08441	H04L 67/1061	UPDATE
H04L 29/0845	H04L 67/1074	UPDATE
H04L 29/08459	H04L 67/1074	UPDATE
H04L 29/08468	H04L 67/1074	UPDATE
H04L 29/08477	H04L 67/1074	UPDATE
H04L 29/08486	H04L 67/1074	UPDATE
H04L 29/08495	H04L 67/1074	UPDATE
H04L 29/08504	H04L 67/1087	UPDATE
H04L 29/08513	H04L 67/1087	UPDATE
H04L 29/08522	H04L 67/1087	UPDATE
H04L 29/08531	H04L 67/1087	UPDATE
H04L 29/0854	H04L 67/1095	UPDATE
H04L 29/08549	H04L 67/1097	UPDATE
H04L 29/08558	H04L 67/12	UPDATE
H04L 29/08567	H04L 67/125	UPDATE
H04L 29/08576	H04L 67/14	UPDATE
H04L 29/08585	H04L 67/141	UPDATE
H04L 29/08594	H04L 67/142	UPDATE
H04L 29/08603	H04L 67/143	UPDATE
H04L 29/08612	H04L 67/145	UPDATE
H04L 29/08621	H04L 67/146	UPDATE
H04L 29/0863	H04L 67/147	UPDATE
H04L 29/08639	H04L 67/148	UPDATE
H04L 29/08648	H04L 67/51	UPDATE
H04L 29/08657	H04L 67/52	UPDATE
H04L 29/08666	H04L 67/53	UPDATE
H04L 29/08675	H04L 67/50	UPDATE
H04L 29/08684	H04L 67/54	UPDATE
H04L 29/08693	H04L 67/55	UPDATE
H04L 29/08702	H04L 67/56	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/08711	H04L 67/561	UPDATE
H04L 29/0872	H04L 67/562	UPDATE
H04L 29/08729	H04L 67/568	UPDATE
H04L 29/08738	H04L 67/563	UPDATE
H04L 29/08747	H04L 67/564	UPDATE
H04L 29/08756	H04L 67/565	UPDATE
H04L 29/08765	H04L 67/566	UPDATE
H04L 29/08774	H04L 67/567	UPDATE
H04L 29/08783	H04L 67/5651	UPDATE
H04L 29/08792	H04L 67/565	UPDATE
H04L 29/08801	H04L 67/568	UPDATE
H04L 29/0881	H04L 67/5681	UPDATE
H04L 29/08819	H04L 67/5682	UPDATE
H04L 29/08828	H04L 67/5683	UPDATE
H04L 29/08837	H04L 67/59	UPDATE
H04L 29/08846	H04L 67/59	UPDATE
H04L 29/08855	H04L 67/2866	UPDATE
H04L 29/08864	H04L 67/2871	UPDATE
H04L 29/08873	H04L 67/2876	UPDATE
H04L 29/08882	H04L 67/288	UPDATE
H04L 29/08891	H04L 67/2885	UPDATE
H04L 29/089	H04L 67/289	UPDATE
H04L 29/08909	H04L 67/2895	UPDATE
H04L 29/08918	H04L 67/30	UPDATE
H04L 29/08927	H04L 67/303	UPDATE
H04L 29/08936	H04L 67/306	UPDATE
H04L 29/08945	H04L 67/60	UPDATE
H04L 29/08954	H04L 67/61	UPDATE
H04L 29/08963	H04L 67/62	UPDATE
H04L 29/08972	H04L 67/63	UPDATE
H04L 29/08981	H04L 67/00	UPDATE
H04L 29/0899	H04L 67/75	UPDATE
H04L 29/10	H04L 69/32	UPDATE
H04L 29/12	H04L 61/00	UPDATE
H04L 29/12009	H04L 61/00	UPDATE
H04L 29/12018	H04L 61/10	UPDATE
H04L 29/12028	H04L 61/103	UPDATE
H04L 29/12037	H04L 61/106	UPDATE
H04L 29/12047	H04L 61/45	UPDATE
H04L 29/12056	H04L 61/4505	UPDATE
H04L 29/12066	H04L 61/4511	UPDATE
H04L 29/12075	H04L 61/4517	UPDATE
H04L 29/12084	H04L 61/4523	UPDATE
H04L 29/12094	H04L 61/4535	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/12103	H04L 61/4535	UPDATE
H04L 29/12113	H04L 61/4541	UPDATE
H04L 29/12122	H04L 61/45	UPDATE
H04L 29/12132	H04L 61/4552	UPDATE
H04L 29/12141	H04L 61/45	UPDATE
H04L 29/1215	H04L 61/45	UPDATE
H04L 29/1216	H04L 61/4557	UPDATE
H04L 29/12169	H04L 61/4552	UPDATE
H04L 29/12179	H04L 61/45	UPDATE
H04L 29/12188	H04L 61/4588	UPDATE
H04L 29/12198	H04L 61/4594	UPDATE
H04L 29/12207	H04L 61/50	UPDATE
H04L 29/12216	H04L 61/5007	UPDATE
H04L 29/12226	H04L 61/5014	UPDATE
H04L 29/12235	H04L 61/5014	UPDATE
H04L 29/12245	H04L 61/503	UPDATE
H04L 29/12254	H04L 61/5038	UPDATE
H04L 29/12264	H04L 61/5046	UPDATE
H04L 29/12273	H04L 61/5053	UPDATE
H04L 29/12283	H04L 61/5061	UPDATE
H04L 29/12292	H04L 61/5069	UPDATE
H04L 29/12301	H04L 61/5076	UPDATE
H04L 29/12311	H04L 61/5084	UPDATE
H04L 29/1232	H04L 61/5092	UPDATE
H04L 29/1233	H04L 61/25	UPDATE
H04L 29/12339	H04L 61/2503	UPDATE
H04L 29/12349	H04L 61/2503	UPDATE
H04L 29/12358	H04L 61/251	UPDATE
H04L 29/12367	H04L 61/2514	UPDATE
H04L 29/12377	H04L 61/2517	UPDATE
H04L 29/12386	H04L 61/2521	UPDATE
H04L 29/12396	H04L 61/2521	UPDATE
H04L 29/12405	H04L 61/2521	UPDATE
H04L 29/12415	H04L 61/2521	UPDATE
H04L 29/12424	H04L 61/2521	UPDATE
H04L 29/12433	H04L 61/2539	UPDATE
H04L 29/12443	H04L 61/2503	UPDATE
H04L 29/12452	H04L 61/2546	UPDATE
H04L 29/12462	H04L 61/255	UPDATE
H04L 29/12471	H04L 61/2553	UPDATE
H04L 29/12481	H04L 61/2557	UPDATE
H04L 29/1249	H04L 61/256	UPDATE
H04L 29/125	H04L 61/256	UPDATE
H04L 29/12509	H04L 61/2567	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/12518	H04L 61/256	UPDATE
H04L 29/12528	H04L 61/2575	UPDATE
H04L 29/12537	H04L 61/2578	UPDATE
H04L 29/12547	H04L 61/2582	UPDATE
H04L 29/12556	H04L 61/2585	UPDATE
H04L 29/12566	H04L 61/2589	UPDATE
H04L 29/12575	H04L 61/2592	UPDATE
H04L 29/12584	H04L 61/2596	UPDATE
H04L 29/12594	H04L 61/30	UPDATE
H04L 29/12603	H04L 61/30	UPDATE
H04L 29/12613	H04L 61/301	UPDATE
H04L 29/12622	H04L 61/3015	UPDATE
H04L 29/12632	H04L 61/3015	UPDATE
H04L 29/12641	H04L 61/3015	UPDATE
H04L 29/1265	H04L 101/30	UPDATE
H04L 29/1266	H04L 101/32	UPDATE
H04L 29/12669	H04L 101/33	UPDATE
H04L 29/12679	H04L 101/345	UPDATE
H04L 29/12688	H04L 101/35	UPDATE
H04L 29/12698	H04L 101/355	UPDATE
H04L 29/12707	H04L 101/30	UPDATE
H04L 29/12716	H04L 101/365	UPDATE
H04L 29/12726	H04L 101/37	UPDATE
H04L 29/12735	H04L 101/375	UPDATE
H04L 29/12745	H04L 101/38	UPDATE
H04L 29/12754	H04L 101/385	UPDATE
H04L 29/12764	H04L 101/39	UPDATE
H04L 29/12773	H04L 101/395	UPDATE
H04L 29/12783	H04L 61/00	UPDATE
H04L 29/12792	H04L 101/60	UPDATE
H04L 29/12801	H04L 101/604	UPDATE
H04L 29/12811	H04L 61/58	UPDATE
H04L 29/1282	H04L 61/59	UPDATE
H04L 29/1283	H04L 101/618	UPDATE
H04L 29/12839	H04L 101/622	UPDATE
H04L 29/12849	H04L 101/627	UPDATE
H04L 29/12858	H04L 101/631	UPDATE
H04L 29/12867	H04L 101/636	UPDATE
H04L 29/12877	H04L 101/64	UPDATE
H04L 29/12886	H04L 101/645	UPDATE
H04L 29/12896	H04L 101/65	UPDATE
H04L 29/12905	H04L 101/654	UPDATE
H04L 29/12915	H04L 101/659	UPDATE
H04L 29/12924	H04L 101/663	UPDATE

CPC NOTICE OF CHANGES 1251

DATE: JANUARY 1, 2022

PROJECT MP0547

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H04L 29/12933	H04L 101/668	UPDATE
H04L 29/12943	H04L 101/672	UPDATE
H04L 29/12952	H04L 101/677	UPDATE
H04L 29/12962	H04L 101/681	UPDATE
H04L 29/12971	H04L 101/686	UPDATE
H04L 29/12981	H04L 101/69	UPDATE
H04L 29/1299	H04L 101/695	UPDATE
H04L 29/14	H04L 69/40	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.