Transformation table:

	ETCS Baseline 2	ETCS Baseline 3			representation in railML		
International Train Category	UNISIG variable	UNISIG variables			railML variables		
	NC_DIFF (BL2)	Q_DIFF	NC_CDDIFF	NC_DIFF (BL3)	A *	B *	C *
1	0	0	9 (=275mm)	*(not used in P27 due to Q_DIFF=0)*	275	*(not used)*	*(not used)*
2	1	0	0 (=80mm)	*(not used in P27 due to Q_DIFF=0)*	80	*(not used)*	*(not used)*
3	2	0	1 (=100mm)	*(not used in P27 due to Q_DIFF=0)*	100	*(not used)*	*(not used)*
4	3	0	2 (=130mm)	*(not used in P27 due to Q_DIFF=0)*	130	*(not used)*	*(not used)*
5	4	0	3 (=150mm)	*(not used in P27 due to Q_DIFF=0)*	150	*(not used)*	*(not used)*
6	5	0	4 (=165mm)	*(not used in P27 due to Q_DIFF=0)*	165	*(not used)*	*(not used)*
7	6	0	5 (=180mm)	*(not used in P27 due to Q_DIFF=0)*	180	*(not used)*	*(not used)*
8	7	0	7 (=225mm)	*(not used in P27 due to Q_DIFF=0)*	225	*(not used)*	*(not used)*
9	8	0	10 (=300mm)	*(not used in P27 due to Q_DIFF=0)*	300	*(not used)*	*(not used)*
10	9	1	*(not used in P27 due to Q_DIFF=1)*	Freight train braked in "P" position	*(not used)*	freight	P
11	10	1	*(not used in P27 due to Q_DIFF=1)*	Freight train braked in "G" position	*(not used)*	freight	G
12	11	1	*(not used in P27 due to Q_DIFF=1)*	Passenger train *(braked in "P" position)*	*(not used)*	passenger	P
13	12	0	8 (=245mm)	*(not used in P27 due to Q_DIFF=0)*	245	*(not used)*	*(not used)*
14	13	0	6 (=210mm)	*(not used in P27 due to Q_DIFF=0)*	210	*(not used)*	*(not used)*
15	14	The international train category 15 shall never be used. (*This is according to the remark in "Assignment of values to ETCS variables" (ERA_ERTMS_040001) (e.g. version 1.30 from 22/02/21), section A.6.2: "This value shall never be used."*)					

Table 1: Transformation Table for "ETCS International Train Categories" (BL2 <-> BL3)

Note: The UNISIG variable NC_DIFF was re-defined in ETCS Baseline 3 with different semantic as used in ETCS Baseline 2.