

Version: 2.9

Last update 03.02.2025

must (CTC) A valid value must be entered in the field to publish a vehicle component in CTC Asset.

optional A valid value can be entered in the field. It may become mandatory to enter a value if a location's requirement profile specifies the field as "mandatory"

n/a No value can not be entered in this field for this vehicle component type

Type ID	Compound name (DE)	Compound name (EN)	Field ID	1	2	32	43	4	33	47; 48; 49	42	6	38	45	34	36	8	9	35	11	31	44	25	26	27	28	29	37	24	46	41	
				Licence plate / container number	Nationality	VIN	Internal identifier	BAM Number	ISO Container Type Group	Length (47), Width (48), Height (49)	IMO Container type	Max. weight (component) [kg]	Max. weight (vehicle set) [kg]	Payload [kg]	Empty weight [kg]	ACEP number	General inspection	Safety inspection	Frame	T9/B3	T9/B3 character stics	Next Tank inspection	TC/TE provision (ADR)	TP provision (MDG)	Number of chambers	Volume [L]	No. of surge plates	Tank code (ADR)	Instr. portable tank (IMDG)	Number of closures	Vehicle owner (5 fields)	
100	Zugmaschine	Semi-truck	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
111	Motorwagen (Chassis) 20'	Truck (Chassis) 20'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
112	Motorwagen (Chassis) 30'	Truck (Chassis) 30'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
121	Motorwagen (Plane)	Truck (Curtain)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
122	Motorwagen (Koffer)	Truck (Box)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
123	Motorwagen (Thermo)	Truck (Thermo)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
124	Motorwagen (Tank)	Truck (Tank)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
125	Motorwagen (Silo)	Truck (Silo)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
126	Motorwagen (Gas)	Truck (Gas)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
127	Motorwagen (offen)	Truck (open)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
128	Motorwagen (Kipper)	Truck (dump)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
130	PKW	Car	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
140	Kleintransporter	Small transporter	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	must (CTC)	n/a	optional	n/a	must (CTC)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
201	Hänger (Chassis) 20'	Trailer (Chassis) 20'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
202	Hänger (Chassis) 30'	Trailer (Chassis) 30'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
203	Hänger (Chassis) 40'	Trailer (Chassis) 40'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
211	Hänger (Plane)	Trailer (Curtain)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
212	Hänger (Koffer)	Trailer (Box)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
213	Hänger (Thermo)	Trailer (Thermo)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
214	Hänger (Tank)	Trailer (Tank)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
215	Hänger (Silo)	Trailer (Silo)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
216	Hänger (Gas)	Trailer (Gas)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
217	Hänger (offen)	Trailer (open)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
218	Hänger (Kipper)	Trailer (dump)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
221	Auflieger (Chassis) 20'	Semi-trailer (Chassis) 20'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
222	Auflieger (Chassis) 30'	Semi-trailer (Chassis) 30'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
223	Auflieger (Chassis) 40'	Semi-trailer (Chassis) 40'	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
231	Auflieger (Plane)	Semi-trailer (Curtain)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
232	Auflieger (Koffer)	Semi-trailer (Box)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
233	Auflieger (Thermo)	Semi-trailer (Thermo)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
234	Auflieger (Tank)	Semi-trailer (Tank)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
235	Auflieger (Silo)	Semi-trailer (Silo)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
236	Auflieger (Gas)	Semi-trailer (Gas)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
237	Auflieger (offen)	Semi-trailer (open)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
239	Auflieger (Kipper)	Semi-trailer (dump)	must (CTC)	must (CTC)	optional	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	optional	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must (CTC)	
301	Boxcontainer (Inlet) 20'	Box Container (Inlet) 20'	must (CTC)	n/a	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
302	Boxcontainer (Inlet) 30'	Box Container (Inlet) 30'	must (CTC)	n/a	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
303	Boxcontainer (Inlet) 40'	Box Container (Inlet) 40'	must (CTC)	n/a	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
304	Boxcontainer (Inlet) 45'	Box Container (Inlet) 45'	must (CTC)	n/a	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
311	Tankcontainer 20'	Tank Container 20'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
312	Tankcontainer 30'	Tank Container 30'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
313	Tankcontainer 40'	Tank Container 40'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
314	Tankcontainer 45'	Tank Container 45'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
321	Silocontainer 20'	Silo Container 20'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
322	Silocontainer 30'	Silo Container 30'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
323	Silocontainer 40'	Silo Container 30'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
331	Gascontainer 20'	Gas Container 20'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
332	Gascontainer 30'	Gas Container 30'	must (CTC)	n/a	n/a	optional	optional	optional	optional	optional	optional	optional	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
340	Wechselbrücke	Swap body	must (CTC)	n/a	n/a	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)
350	Mulde	Dump body	must (CTC)	n/a	n/a	optional	n/a	n/a	optional	n/a	optional	n/a	n/a	optional	n/a	must (CTC)	optional	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	optional	must (CTC)

ID	Slug name	Field name (EN)	Field name (DE)	type	Validation	Validation Details	Remark
1	licence_number	Licence plate / container number	Kfz-Kennzeichen / Containernummer	string	regex	{"regex": "[0-9A-Z-ÄÖÜ?]{0,30}\$"}	
2	nationality	Nationality	Nationalität	string	nationality	{"iso": "2"}	E.g.: "DE"
4	bam	BAM Number	Baumusterzulassung (BAM)	string	length	{"max": 30, "min": 0}	
6	max_weight	Max. weight (component) [kg]	Zulässige Gesamtmasse (Komponente) [kg]	number	number	{"max": 99999, "min": 0}	
8	general_inspection	General inspection	Hauptuntersuchung	date	date	{"format": "YYYYMMDD", "minDate": "now"}	Format for CSV: "DD.MM.YYYY"
9	safety_inspection	Safety inspection	Sicherheitsprüfung	date	date	{"format": "YYYYMMDD", "minDate": "now"}	Format for CSV: "DD.MM.YYYY"
11	t9_b3	T9/B3	T9/B3	date	date	{"format": "YYYYMMDD", "minDate": "now"}	
24	ipt	Instr. portable tank (IMDG)	Anw. ortsbew. Tanks (IMDG)	array[string]	options	["T1", "T2", "T3", "T4", "T5", "T6", "T7", "T8", "T9", "T10", "T11", "T12", "T13", "T14", "T15", "T16", "T17", "T18", "T19", "T20", "T21", "T22", "T23", "T50", "T75", "-"]	Length of array must match number chambers value
25	tetc	TC/TE provision (ADR)	Sondervorschriften TE/TC	collection[string]	options	{"options": ["TC1", "TC2", "TC3", "TC4", "TC5", "TC6", "TC7", "TC8", "TE1", "TE2", "TE3", "TE4", "TE5", "TE6", "TE7", "TE8", "TE9", "TE10", "TE11", "TE12", "TE13", "TE14", "TE15", "TE16", "TE17", "TE18", "TE19", "TE20", "TE21", "TE22", "TE23", "TE24", "TE25"], "max": 6}	
26	tp	TP provision (IMDG)	Sondervorschriften TP	collection[string]	options	{"options": ["TP1", "TP2", "TP3", "TP4", "TP5", "TP6", "TP7", "TP8", "TP9", "TP10", "TP16", "TP17", "TP18", "TP19", "TP20", "TP21", "TP22", "TP24", "TP25", "TP26", "TP27", "TP28", "TP29", "TP30", "TP31", "TP32", "TP33", "TP34", "TP36", "TP38", "TP39", "TP40", "TP41"], "max": 6}	
27	number_chambers	Number of chambers	Anzahl Kammern	number	number	{"max": 6, "min": 0}	volume (ID: 28) & number_surge_plates (ID: 29) must also be filled
28	volume	Volume [L]	Volumen [L]	array[number]	number	{"number": {"max": 99999, "min": 0}, "fixed": "field"}	number_chambers (ID: 27) & number_surge_plates (ID: 29) must also be filled
29	number_surge_plates	No. of surge plates	Anzahl Schwallwände	array[number]	number	{"number": {"max": 9, "min": 0}, "fixed": "field"}	Length of array must match number chambers value number_chambers (ID: 27) & volume (ID: 28) must also be filled
31	t9_b3_characteristics	T9/B3 characteristics	T9/B3 Eigenschaften	collection[string]	options	{"options": ["EX/II", "EX/III", "FL", "AT", "MEMU"], "max": 5, "min": 1}	
32	vin	VIN	FIN	string	length	{"max": 17, "min": 0}	No "I", "O", "Q" allowed
33	iso_container_group	ISO Container Type Group	ISO Container-Typ Gruppe	string	regex	{"regex": "[0-9A-Z]{0,4}\$"}	
34	empty_weight	Empty weight [kg]	Leergewicht [kg]	number	number	{"max": 99999, "min": 0}	
35	frame	Frame	Rahmenprüfung	date	date	{"format": "YYYYMMDD", "minDate": "now"}	Format for CSV: "DD.MM.YYYY"
36	acep_number	ACEP number	ACEP-Nummer	string	length	{"max": 30, "min": 0}	
37	tank_code	Tank code (ADR)	Tankcodierung (ADR)	array[string]	regex (per string)	{"regex": "^[((C P S R L) (G ((0-9){1,2} ((\\[0-9]{1,2}) 0,1)))) (A B C D (F N H V) ((\\+ M X 0,1))))-}\$", "fixed": "field"}	Valid examples: - L4BN - P22DH - L2.65DN Invalid examples: - L1.5BN - PxDH
38	max_set_weight	Max. weight (vehicle set) [kg]	Zulässiges Gesamtgewicht (Gespann) [kg]	number	number	{"max": 99999, "min": 0}	Length of array must match number chambers value
40	vehicle_type	Vehicle component type	Fahrzeugkomponententyp	number	number	See tab "Vehicle types + fields", column A	
41	vehicle_owner	Owner Information	Fahrzeughalter			Fields will be automatically pre-filled with company masterdata, if no data is entered during vehicle creation	Collection of 5 fields: name, address, zip, city, country
42	imo	IMO Container type	IMO Container type	string	options	{"options": ["0", "1", "2", "3", "4", "5"], "max": 1}	
43	internal_identifer	Internal identifier	Interner Bezeichner	string	length	{"max": 30, "min": 0}	This field does not require PDF documentation
44	next_tank_inspection	Next tank inspection	Nächste Tankprüfung	date	date	{"format": "YYYYMMDD", "minDate": "now"}	Format for CSV: "DD.MM.YYYY"
45	payload	Payload [kg]	Max. Ladegewicht [kg]	number	number	{"max": 99999, "min": 0}	
46	closures	Number of closures	Anzahl Verschlüsse	number	number	{"max": 99, "min": 0}	
47	length	Length [mm]	Länge [mm]	number	number	{"max": 99999, "min": 0}	
48	width	Width [mm]	Breite [mm]	number	number	{"max": 99999, "min": 0}	
49	height	Height [mm]	Höhe [mm]	number	number	{"max": 99999, "min": 0}	