

1 R	<b>MISCELLANEOUS</b>	41	...Direct current, normally closed, track circuit
1 C	.Signals and indicators	42	....Propulsion-current return
2 R	<b>TRAIN DISPATCHING</b>	43	.....Varying
3	.Central signal control	44	....Wireless distant control
4	..Cab signal or train control	45	.....Current reversal
5	..Selective	46	....Line-wire distant control
6	.Train-order cab signal or train control	47	.....Cab signal or train control
7	.Train telegraphy or telephony	48	.....Bridged insulated rail joint
8	..Inductive	49	.....Intermittent contact
9	..Continuous contacts	50	....Current characteristic
10	...Traction rail return	51	....Overlapped blocks
11	...Multiple contact	52	....Home and distant
12	...Instruments in series	53	.....Three position
13	..Emergency signal stations	54	....Single block
14	.Station, block, or train-order signals	55	.....Cab signal or train control
15	..Safety systems	56	.....Intermittent contact
16	...Holders	57	.....Bridged insulated rail joint
17	..Rotary, vertical axis	58	...Direct-current, normally open, track circuit
18	..Double semaphore	59	....Cab signal or train control
2 E	.Orientation	60	....Distant-signal control
2 F	.Frequency	61	...Superimposed propulsion current
2 S	.Spacing	62	...Cab signal or train control
19	<b>STAFF AND TABLET SYSTEMS</b>	63 R	....Inductive
20	<b>BLOCK-SIGNAL SYSTEMS</b>	63 C	.....Continuous
21	.Semi-automatic	63 A	.....Intermittent
22	..Electromanual	64	....Train-carried current supply
23	...Cab signal or train control	65	.....Multiple continuous contacts
24	...Circuit controllers	66	.....Sectional
25	...Lock and block	67	.....Single continuous contact
26	....Track-circuit control	68	.....Sectional
27	.Automatic	69	.....Intermittent contact
28 R	..Electric	70	.....Rail circuit
29 R	...Radiant energy	71	.....Rail return
30	....Hertzian wave	72	....Propulsion-current signaling
29 A	....Electronic gaseous ionization devices	73	....Continuous contact
31	...Propulsion-current control	74	....Intermittent contact
32	....Current consumption	75	....Bridged insulated rail joint
33	...Single track	76	....Track trip
34 R	...Varying-current track circuit	77	...Counting in and out
35	....Propulsion-current return	78	....Ratchet wheel
36	.....Double rail	79	....Double opposed pawls
37	.....Impedance bond	80	.....Parallel teeth
38	....Wireless distant control	81	...Propulsion-current signaling
39	....Line-wire distant control	82	....Rotary controller
40	....Single block	83	....Car-actuated controller
34 A	....Approach control	84	.....Trolley or plow
34 B	....Coded circuits	85	....Intermittent contact
34 C	....Insulation breakdown	86	...Train-carried current supply
34 D	....Saturable reactors		
34 CT	....Continuous track		

87	...Line-current supply	130	.Normally closed track circuit
88	...Intermediate signal	131	<b>INTERLOCKING</b>
89	...Short sectional rail closure	132	.Electric actuation
90	...Car-actuated controller	133	..Electric locking
91	.....Relay	134	...Route locking
92	...Intermittent contact	135	...Return-release indication
28 C	...Ballast leakage	136	..Mechanical locking
28 E	...Economy use of line wire	137	...Return-release indication
28 F	...Checking circuits	138	....Locked slide
28 G	...Light-out	139	.Fluid-pressure actuation
28 H	...Intermittent light	140	..Electrically controlled valve
28 K	...Transformer	141	...Return-release indication
93	..Combined fluid pressure and electric	142	..Return-release indication
94	...Cab signal or train control	143	.Manual actuation
95	...Track-circuit control	144	..Switch stands
96	..Electromechanical	145	...Signal-actuating
97	...Cab signal or train control	146	....Double lever
98	...Track-circuit control	147	..Electrical locking
99	...Clockwork	148	..Mechanical locking
100	..Fluid pressure	149	...Preliminary
101	...Cab signal or train control	150	....Tappets
102	..Mechanical	151	...Tappets
103	...Cab signal or train control	152	...Detector bars
104	..Manual	153	...Compensators
105	..Electric	154	....Counterweight
106	...Lock and block	154	.....Intermittent grip
107	..Recorders	155	...Rod-saving devices
108	<b>TIME INDICATION, AUTOMATIC</b>	156	....Selectors
109	.Flow retarded	157	.....Electric
110	.Time limit expired	158	....Switch and lock movements
111	<b>GRADE-CROSSING TRACK PROTECTION</b>	159	.Detached locking, check locking, or key control
112	.Semi-automatic	160	.Approach locking
113	.Automatic	161	.Retarded-release mechanism
114 R	..Electric	162	.Switch or signal indicators
115	...Cab signal or train control	163	.Derails
114 A	...Cross-over protection	164	<b>SLOTING AND CONTROL</b>
116	..Fluid pressure	165	.Electric
117	.Cab signal or train control	166	<b>PILOT OR SIGNAL CARS</b>
118	<b>DRAWBRIDGE PROTECTION</b>	166.1	<b>SIGNALLING BETWEEN OCCUPANTS OF A TRAIN</b>
119	.Cab signal or train control	167 R	<b>CAB SIGNAL OR TRAIN CONTROL</b>
120	<b>ROADWAY-DEFECT PROTECTION</b>	168	.Train parting
121	.Electric	168.1	.Wheel slip
122 R	<b>TRAIN-POSITION INDICATION</b>	169 R	.Train defect
123	.Automatic time recording	169 A	..Hot bearing detectors
124	.Train annunciators or indicators	169 D	..Radiant energy type
122 A	.Miniature model	169 S	..Sound detectors
125	<b>ELECTRIC AUTOMATIC HIGHWAY SIGNALS, MINE DOORS, AND GATES</b>	170	.Derailment
126	.Car-actuated controller	171	..Contact trips
127	..Gates and doors	172	...Frangible
128	.Normally open track circuit	173	..Inertia trips
129	..Short sectional rail closure	174	.Highway or station, automatic

175	..Code signal	203 C	...Single horizontal pivot on which track trip turns
176	.Switch signals	203 D	...Single horizontal pivot; strike rod transverse of track
177	.Block entrance initiated	203 E	...Horizontal pivot, vertical rod, strike rod perpendicular
178	..Electric or magnetic control	204	..Vertical motion
179	...Bridged insulated rail joint	205	..Lateral motion
180	...Cab-circuit controller	206	..Fixed
181	...Mechanical actuation	207	..Portable
182 R	..Speed-control systems	167 A	.Train approach warning for work cars
182 A	..Track brake speed control	167 M	.Magnetic rail
182 B	..Automatic vehicle-carried braking	167 D	.Vehicle-vehicle distance measuring
182 BH	..Humped, unpowered cars	208	<b>CAR-DISPLAYED CROSSING SIGNALS</b>
182 C	..Automatic vehicle-carried speed comparison circuits	209	<b>PASSENGERS' STATION SIGNALS</b>
182 AA	..Yard-switching, dispersed	210	<b>TORPEDO MECHANISM</b>
182 AB	..Yard-switching, centralized	211	.Electric
183	.Manual-control systems	212	.Magazine
184	.Service stop	213	..Vertical
185	.Recording devices	214	..Rotary
186	.Motive-power control	215	.Car attached
187 R	..Electric	216	.Hand placing devices
187 A	...Remote control	217	<b>AUDIBLE SWITCH AND SIGNAL INDICATORS</b>
187 B	...Non-mechanical control of vehicles from wayside	218	<b>ELECTRIC ACTUATION</b>
187 C	...Control of vehicle from leading vehicle	219	.Control circuits
188	..Fluid-pressure-actuated throttle	220	.Switch signals
189	.Engineer's brake-valve actuation	221	.Motor systems
190	.Train-pipe-valve structure	222	..Return-indication-current generation
191	.Visual cab signals	223	..Three-position signals
192 R	.Train mechanism	224	..Home and distant signals
193	..Electric or magnetic	225	..Reciprocating armature
194	...Inductive	226	...Controller-actuated switches
195	...Intermittent contact	227	....Opposed magnets
196	...Cab-circuit controller	228	....Circuit changers
197	...Magnetically actuated	229	....Tandem contacts
198	..Single-direction actuation	230	....Alternate throw
199	..Frangible	231	...Opposed magnets
200 R	..Lever actuated	232	...Circuit changers
200 A	...Lever perpendicular inclined less than 45 degree	233	...Tandem contacts, switches
200 B	...Lever transverse relative to direction of travel	234	...Parallel contacts, switches
192 A	..Train-carried electric contact mechanism	235	....Circuit controller
201	.Track trips	236	...Alternate throw
202	..Electric or magnetic	237	...Fly-back
203 R	..Pivoted	238	....Latch or clutch release
203 A	...Single vertical pivot on which track trip turns	239	....Switches
203 B	...Single vertical pivot; strike rod transverse of track	240	..Rotary armature
		241	...Opposed motors
		242 R	...Circuit changers
		242 A	....Overload release
		242 B	....Dual selector circuit

242 C	.....Remote lever, local selector	294	...Visual and audible
243	...Fly-back	295	...Audible
244	....Latch or clutch release	296	....Bells, single stroke
245	.Car-actuated generators	297	..Track mechanism
246	.Car-actuated circuit controllers	298	...Single direction
247	..Wheel or train counting	299	...Latch or clutch release
248	..Retarded action	300	....Electric
249	..Electric or magnetic	301	....Longitudinal motion
250	..Single-direction actuation	302	....Vertical motion
251	..Vertically sprung rail	303	...Longitudinal spiral cam
252	..Trolley or plow actuated	304	...Vehicle-restrained gates and doors
253	.Switch or signal actuated controllers	305	....Parallel swing
254	.Trolley-completed circuits	306	....Longitudinal motion
255	.Car-wheel-completed circuits	307	....Vertical motion
256	.Relays	308	.....Swinging
257	<b>FLUID-MOTOR ACTUATION</b>	309	.....Yielding rail
258	.Electric control	310	...Parallel swing
259	..Car-controlled switches	311	...Longitudinal motion
260	.Signals	312	...Rectilinear
261	.Gates	313	..Vertical motion
262	<b>MECHANICAL-MOTOR ACTUATION</b>	314	.Switches, automatic
263	.Electric control	315	..Resetting, vehicle restrained
264	<b>POINT THROWERS</b>	316	..Wheel resetting
265	.Magnetic	317	..Facing setting
266	.Modifier switch	318	..Trailing setting
267	..Directing-grooves	319	..Trailing fly-back
268	.Wedging wheel	320 R	...Spiral spring
269	.Sliding shoe	321	....Tie or connecting rod
270 R	<b>VEHICLE-ENERGY ACTUATION</b>	320 A	....Dash pot
271	.Fluid transmission	322	..Track mechanism
272	..Gates	323	...Selective
273	.Continuous-rail crossings	324	...Latch or clutch release
274	.Switch-connected frogs	325	....Electric control
275	.Continuous-rail frogs	326	...Electric control
276	..Spring rail	327	...Alternate throw
277	.Automatic turnouts	328	....Tappet wheel
	.Switch stands, automatic	329	...Three and multiple throw
278	..Facing setting	330	...Traffic protected
279	..Manual control	331	...Rotary longitudinal connecting shaft
280	...Resetting	332	...Cable and pulley connection
281	....Vehicle restrained	333	...Longitudinal spiral cam
282	...Trailing setting	334	...Rack and pinion
283	....Yielding rail	335	...Bow spring
284	..Trailing setting	336	...Longitudinal motion
285	...Yielding rail	337	....Train-trip elevation
286	....Spring-clutch	338	....Track-mechanism depression
287	.....Coaxial spring	339	....Perpendicular swing
288	....Counterweight	340	.....Double
289	....Frangible	341	....Horizontal swing
290	..Trailing fly-back	342	.....Double acting
291	...Spring actuated	343	.....Double
292	.Signals and gates, automatic	344	...Transverse motion
293	..Highway crossing		

345	....Duplex lever	397	..Hand restrained
346	....Swinging	398	..Vehicle restrained
347	.....Double acting	399	..Detention devices
348	.....Guiding tail	400	..Key retaining
349	.....Double	401	.Rail lock and position indication
350	....Double acting	402	..Transverse rotary locking shaft
351	....Vertical motion	403	.Three and multiple throw
352	....Duplex lever	404	.Adjustable throw
353	....Swinging	405	.Spiral-cam actuated
354	.....Double acting	406	.Gear actuated
355	.....Double	407	.Structural types
356	.....Double	408	..Depressed mechanism
357	.....Transverse lever connection	409	..High semaphore stands
358	.Switch locks, automatic	410	..Vertical lever
359	.Train trips	411	...Ground stands
360	..Electric or magnetic	412	..Horizontal lever
361	..Fluid pressure	413	...Drop arm
362	..Resilient	414	....Automatic key-lock
363	..Hooks	415 R	<b>SWITCHES</b>
364	..Racks or friction bars	416	.Slip
365	..Pivoted	417	.Frog obviating
366	...Wheel	418	..Single rail
367	...Rod	419	.Conduit, third rail or trolley
368	..Vertical motion	420	.Nonderailing, trailing
369	...Wheel	421	..Risers
370	...Rod	422	..Moving guard rail
371	..Lateral motion	423	.Facing, rerailing
372	...Wheel	424	.Facing, selective
373	...Rod	425	..Side draft
270 A	.Automatic switch actuation from or by vehicle	426	..Modified wheel
374	<b>SAFETY SIDINGS</b>	427	.Stationary turnout
375	<b>CONTINUOUS-RAIL CROSSING</b>	428	.Snow protected
376	.Overlapped main	429	.Overlap
377	.Pivoted rail	430	.Sliding
378	.Rotary block	431	.Oscillating, longitudinal axis
379	.Movable point	432	.Risers
380	.Sliding rail	433	.Vertical motion
381	..Longitudinal	434	.Flexible rail
382	<b>SWITCH-CONNECTED FROGS</b>	435 R	.Point
383	.Overlapped main	436	..Recessed rail
384	..Double rail	437	..Renewable and reenforced
385	.Swinging tongue	438	..Point and mate
386	..Stub end	439	..Tandem
387	.End-pivoted rail	440	..Three throw
388	.Center-pivoted rail	441	..Tread guard rail
389	.Swinging rail	442	..Tongue
390	..Opposed swing	443	...Bed lock
391	..Wing	444	...Self-cleaning
392	.Transversely sliding rail	435 A	..Guard
393	<b>SWITCH STANDS</b>	445	.Stub
394	.Cab signal or train control	446	..Double rail
395	.Resetting	447	..Anti-creep or jar
396	..Latch release, automatic	448	.Lock

- 449 .Tie bars
- 450 ..Adjustable
- 451 ...Eccentric
- 452 .Connecting rods
- 453 .Chairs and plates
- 415 A .Toy
- 454 **CROSSINGS, FROGS, AND MATES**
- 455 .Outer-tread-supported wheel
- 456 .Tread guard rail
- 457 .Flange-supported wheel
- 458 ..Frogs
- 459 .Hot filled
- 460 .Central inserts
- 461 ..Cast bound
- 462 .Plate or plate bolted
- 463 .Bolted
- 464 .Solid
- 465 .Crossings
- 466 ..Street and steam
- 467 ..Chairs
- 468 .Frogs
- 469 ..Unbroken main
- 470 ..Clamped
- 471 ..Composite
- 472 .Details
- 473 R **SIGNALS**
- 473.1 .Highway crossing
- 473.2 ..Wigwag type
- 473.3 .Light beam projecting
- 474 .Track reflectors
- 475 .Dwarf or pot
- 476 .Switch or switch stand
- 477 .Roadway, visual, and portable
- 478 .Enclosed
- 479 .Semaphore
- 480 ..Upper quadrant
- 481 ..Home and distant
- 482 ..Arms
- 483 ...Illuminated
- 484 ..Lamp and spectacles
- 485 ..Post mechanism
- 486 .Bridge warnings
- 487 .Torpedoes
- 488 .Trainmens' kits
- 473 A .Toy rail signals
- 489 **MANUAL ACTUATION**

**DIGESTS**DIG 1 **RADIANT ENERGY DEVICES**DIG 2 **THERMAL SENSING DEVICES****FOREIGN ART COLLECTIONS**FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**