

1	<b>RADIO WAVE ABSORBER</b>	26 C	.Mounted on ship (EPO)
2	.For aircraft or missile	26 D	.Ground based (EPO)
3	.For camouflage	27	<b>PRESENCE DETECTION ONLY</b>
4	.With particular geometric configuration	28	.By motion detection
5	<b>RADAR REFLECTOR</b>	29	<b>AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)</b>
6	.With modulation	30	.With transponder
7	.Corner	31	..Including synchronized clock
8	..Inflatable or collapsable	32	..Included in Secondary Surveillance Radar (SSR) or Air Traffic Control Radio Beacon System (ATCRBS)
9	..Decoy or tow target	33	<b>AIRCRAFT LANDING SYSTEM</b>
10	.Inflatable or collapsable	34	.Ground control approach (GCA)
11	.With spherical lens (e.g., Luneberg lens)	35	.Microwave landing system (MLS)
12	.Chaff	36	<b>AIR TRAFFIC CONTROL</b>
13	<b>RADAR EW (ELECTRONIC WARFARE)</b>	37	.Secondary Surveillance Radar (SSR) or Air Traffic Control Radar Beacon System (ATCRBS)
14	.ECM (Electronic countermeasures, i.e., jamming)	38	..With altitude information
15	..With repeater	39	..With side lobe suppression
16	.ECCM (Electronic countermeasures, i.e., antijamming)	40	..With defruiting or degarbling
17	..Radar reacts to jamming	41	<b>SHIP COLLISION AVOIDANCE</b>
18	..By changing frequency	42	<b>RADAR TRANSPONDER SYSTEM</b>
19	..By varying gain or blocking receiver	43	.Combined with primary radar system
20	.Detection of surveillance	44	.Unique identity
21	<b>BASE BAND SYSTEM</b>	45	.IFF or SIF
22	<b>TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR FREE SPACE</b>	46	.Navigational
23	<b>BERTHING OR DOCKING</b>	47	..Distance measuring equipment (DME)
24	<b>BLIND AID</b>	48	...With automatic lock-on
25 R	<b>SYNTHETIC APERTURE RADAR</b>	49	...With VOR/TACAN
25 A	.Mapping or imaging using synthetic aperture radar (EPO)	50	.With Telemetry
25 B	..Specially adapted for moving target detection (EPO)	51	.Radar transponder only
25 C	..Combined with monopulse or interferometric (EPO)	52	<b>COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM</b>
25 D	..With frequency domain processing of the SAR signals in azimuth (EPO)	53	.With infrared device
25 E	..With time domain processing of the SAR signals in azimuth, e.g. time focusing (EPO)	54	.With laser
25 F	..Particular SAR processing techniques (e.g., squint mode, doppler beam-sharpening mode, spotlight mode, bistatic SAR, inverse SAR) (EPO)	55	.With television
26 R	<b>RADAR FOR METEOROLOGICAL USE (EPO)</b>	56	.With direction finding
26 A	.Mounted on satellite (EPO)	57	.With radio voice communication
26 B	.Mounted on aircraft (EPO)	58	.With transmission to a remote station
		59	<b>PLURAL RADAR</b>
		60	<b>TRANSMITTING INTELLIGENCE</b>
		61	<b>RETURN SIGNAL CONTROLS EXTERNAL DEVICE</b>
		62	.Missile or spacecraft guidance
		63	.Aircraft guidance
		64	..With map matching
		65	..With terrain avoidance or alarm
		66	.Camera

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DEVICES (E.G., RADAR, RADIO NAVIGATION)

67	.Gun (e.g., fire control)	107	.Combined with determining distance and direction
68	.Proximity fuze		
69	.Device actuated by presence of land vehicle	108	..With correlation
		109	.Combined with determining distance
70	.Radar mounted on and controls land vehicle	110	..With plural fixed range gates
71	..With control of brakes or steering	111	..With plural receiver frequency band separation
72	..With control of safety device (e.g., air bags)	112	..With plural frequencies transmission
73	<b>RETURN SIGNAL CONTROLS RADAR SYSTEM</b>	113	.Combined with determining direction (i.e., bearing)
74	.Antenna control	114	.Combined with determining sense of motion (i.e., approaching or receding)
75	..Physical orientation		
76	..With ground tracking		
77	..With signal error correction	115	.Digital
78	..Conical scan	116	.With plural received frequency band separation
79	..Lobe switching		
80	..Monopulse	117	.With plural beams (e.g., "Janus")
81	..Beam direction by phase or frequency control	118	<b>DETERMINING DISTANCE</b>
82	.Transmitter	119	.Miss distance indicator (MDI)
83	..Signal phase or frequency other than pulse repetition frequency (PRF)	120	.Altimeter
		121	..With additional indicator
		122	..FM type
84	...Function of doppler frequency	123	.Height finder
85	...Function of distance	124	.Material level within container
86	...With constant phase	125	.With remote cooperating station
87	...With constant beat frequency	126	.Triangulation
88	..Transmission timing (e.g., ring around)	127	.Phase comparison
		128	.With frequency modulation
89	.Receiver	129	..Plural frequencies transmitted
90	..Automatic target detection	130	..Plural modulation
91	..Gain or threshold	131	...Combined with pulse modulation (e.g., frequency agile)
92	...Automatic gain control (AGC)		
93	...Constant false alarm rate (CFAR)	132	...With pulse modulation (e.g., "Chirp")
94	..Gating	133	..Combined with determining direction
95	...Automatic range tracking		
96	...Automatic track while scan (ATWS)	134	.With pulse modulation
		135	..Digital (e.g., with counter)
97	...With automatic lock-on	136	...With plural fixed range gates
98	..Frequency	137	..With variable pulse repetition frequency (PRF) or pulse width
99	...Doppler frequency tracking		
100	...With local oscillator control	138	..With type "A" or "J" range scope
101	...With filter control		
102	...Phase	139	..Combined with determining direction
103	...Phase locked loop		
104	<b>DETERMINING VELOCITY</b>	140	...With azimuth and elevation determination
105	.Other than doppler (e.g., range rate)	141	...Off boresight
		142	...With CRT display
106	.Combined with determining acceleration	143	...Plural

144	....PPI type	191	..Mapping
145	..With correlation	192	..Spectrum analysis
146	..Combined with determining direction	193	..Harmonic
147	<b>DETERMINING DIRECTION</b>	194	..Complex signal (in phase and quadrature)
148	..Low angle processing	195	..Digital processing
149	..Monopulse	196	..Fast fourier transform (FFT)
150	..With common IF channel	197	..With video quantizer
151	..With channel equalization	198	..For receiver protection
152	..With quadrature difference processing	199	..Automatic frequency control (AFC)
153	..With particular antenna or waveguide	200	..For frequency modulation
154	..Combined with beam steering	201	..Combined with pulse modulation
155	..Lobe switching	202	..For pulse modulation
156	..Interferometer	203	..With noise reduction
157	..With frequency or phase steering	204	..With pulse shaping
158	..Scanning	205	..Sensitivity time control (STC)
159	<b>CLUTTER ELIMINATION</b>	350	<b>DIRECTIVE</b>
160	..MTI (Moving target indicator)	351	..Including a radiometer
161	..With vehicle movement compensation (e.g., AMTI (Airborn MTI))	352	..Including a satellite
162	..Digital	353	..Having a signal repeater
163	..With blind speed elimination	354	..With beam steering
164	..With storage tube	355	..With control of satellite attitude
165	<b>TESTING OR CALIBRATING OF RADAR SYSTEM</b>	356	..Synchronous satellite
166	..Proximity fuze	357.2	..With position, velocity, or attitude determination (IPC)
167	..With laser	357.21	...Determining a navigation solution using signals transmitted by a satellite radio beacon positioning system
168	..With noise generation	357.22	....Satellite radio beacon positioning system transmitting time-stamped messages; e.g., GPS [Global Positioning System], GLONASS [Global Orbiting Navigation Satellite System] or GALILEO (IPC)
169	..By simulation	357.23	.....Correcting position, velocity, or attitude
170	..Microwave	357.24	.....Differential correction; e.g., DGPS [differential GPS] (IPC)
171	..Doppler	357.25	.....Determining position (IPC)
172	..With delay	357.26	.....Using carrier phase measurements; e.g., kinematic positioning; using long or short baseline interferometry (IPC)
173	..By monitoring		
174	..Calibrating		
175	<b>WITH PARTICULAR CIRCUIT</b>		
176	..Display		
177	..Plural		
178	..Projection type		
179	..Image production		
180	..Stereoscopic or tridimensional		
181	..Color		
182	..Electronic marker generation		
183	...Cursor		
184	..With stabilization (e.g., True Motion, True North)		
185	..Scan conversion		
186	..With sweep expansion		
187	..Augmenter		
188	..With polarization		
189	..For correlation		
190	..With recording		

- 357.27 .....Carrier phase ambiguity resolution; floating ambiguity; LAMBDA [Least-squares AMBiguity Declaration Adjustment] method (IPC)
- 357.28 .....By combining measurements of signals from the satellite radio beacon positioning system with a supplementary measurement (IPC)
- 357.29 .....The supplementary measurement being of a radio-wave signal type (IPC)
- 357.3 .....The supplementary measurement being an inertial measurement; e.g., tightly coupled inertial (IPC)
- 357.31 .....By combining or switching between position solutions derived from the satellite radio beacon positioning system and position solutions derived from a further system (IPC)
- 357.32 .....Whereby the further system is an inertial position system; e.g., loosely coupled (IPC)
- 357.33 .....Whereby the position solution is constrained to lie upon a particular curve or surface; e.g., for locomotives on railway tracks (IPC)
- 357.34 .....Relative positioning (IPC)
- 357.35 .....Determining velocity (IPC)
- 357.36 .....Determining attitude (IPC)
- 357.37 .....Using carrier phase measurements; using long or short baseline interferometry (IPC)
- 357.38 .....Carrier phase ambiguity resolution; floating ambiguity; LAMBDA [Least-squares AMBiguity Declaration Adjustment] method)
- 357.39 ...Satellite radio beacon positioning system transmitting time-stamped messages; e.g. GPS [Global Positioning System], GLONASS [Global Orbiting Navigation Satellite System] or GALILEO (IPC)
- 357.395 ....Details of the space or ground control segments (IPC)
- 357.4 ....Cooperating elements; interaction or communication between different cooperating elements or between cooperating elements and receivers (IPC)
- 357.41 ....Providing carrier phase data (IPC)
- 357.42 .....Providing aiding data (IPC)
- 357.43 .....Employing an initial estimate of the location of the receiver as aiding data or in generating aiding data (IPC)
- 357.44 ....Providing data for correcting measured positioning data; e.g., DGPS [differential GPS] or ionosphere corrections (IPC)
- 357.45 ....Providing integrity information; e.g., health of satellites or quality of ephemeris data (IPC)
- 357.46 ....Providing processing capability normally carried out by the receiver (IPC)
- 357.47 ....Providing dedicated supplementary positioning signals (IPC)
- 357.48 .....Wherein the cooperating elements are pseudolites or satellite radio beacon positioning system signal repeaters (IPC)
- 357.49 .....Wherein the cooperating elements are telecommunication base stations (IPC)
- 357.51 ....Receivers (IPC)
- 357.52 .....Specially adapted for specific applications (IPC)
- 357.53 .....Aircraft landing systems (IPC)
- 357.54 .....Anti-theft; abduction (IPC)
- 357.55 .....Emergency applications (IPC)
- 357.56 .....Military applications (IPC)
- 357.57 .....Sporting applications (IPC)
- 357.58 .....Integrity monitoring, fault detection or fault isolation of space segment)
- 357.59 .....Interference-related issues (IPC)
- 357.61 ....Multipath-related issues (IPC)

357.62	.....Testing, monitoring, correcting or calibrating of a receiver element (IPC)	367	.Including directive communication system
357.63	.....Acquisition or tracking of signals transmitted by the system (IPC)	368	.Including a steerable array
357.64	.....Involving aiding data received from a cooperating element; e.g., assisted GPS (IPC)	369	..Injection radiation type
357.65	.....Involving a sensor measurement for aiding acquisition or tracking (IPC)	370	..Retrodirective
357.66	.....Creating, predicting or correcting ephemeris or almanac data within the receiver (IPC)	371	..With electronic scanning
357.67	.....Satellite selection (IPC)	372	...Controlled
357.68	.....Carrier related (IPC)	373	..With a matrix
357.69	.....Code related (IPC)	374	..With a switch
357.71	.....Acquisition or tracking of other signals for positioning (IPC)	375	..With a delay line (e.g., serpentine transmission line, frequency scanning)
357.72	.....Multimode operation in a single same satellite system; e.g., GPS L1/L2 (IPC)	376	..Including a remote energy source
357.73	.....Multimode operation in different systems which transmit time-stamped messages; e.g., GPS/GLONASS (IPC)	377	..Including a computer
357.74	.....Power consumption	378	.Utilizing correlation techniques
357.75	.....Constructional details or hardware or software details of the signal processing chain (IPC)	379	..Side lobe elimination
357.76	.....Relating to the receiver frond end (IPC)	380	...Sum of each antenna channel signal
357.77	.....Hardware or software details of the signal processing chain (IPC)	381	...Difference of each antenna channel signal
357.78	...Using Doppler frequency shift	382	...Mixing each antenna channel signal
358	..With satellite signal correction	383	..Sum of each antenna signal
359	.Including antenna orientation	384	..Difference of each antenna channel signal
360	.Including antenna pattern plotting	385	.Beacon or receiver
361	.Including polarized signal communication transmitter or receiver	386	..With transmisson of bearing or position determinative signals
362	..Receiver only	387	...Iso-chronic type
363	...Circular	388	....Loran
364	...Elliptical	389	.....Loran-C
365	..Circular	390	.....With cycle selection
366	..Elliptical	391	.....Loran-A
		392	...With automatic gain control
		393	...Iso-frequency type
		394	...Iso-phase type
		395	....With hetrodyne synchronization
		396	....Omega
		397	....Decca
		398	...Rotating beacon signal
		399	...Tacan
		400	....Receiver only
		401	.....VOR
		402	.....Doppler
		403	.....With circular array of antennas
		404	....VOR
		405	.....Doppler
		406	.....With circular array of antennas
		407	...Fixed course or bearing indicating

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408	....Moving beam	445	...Having more than two antennas
409	....With superimposed images	446	....Unequal distance between at least three antennas
410	....Glide slope transmitter or receiver	447	...Having a spiral antennas
411	.....Receiver only	448	...Having a coil or loop type antenna
412	.....Transmitter only	449	...Having a moving antenna
413	....Localizer transmitter or receiver	450	.Position indicating (e.g., triangulation)
414	....Distinctive frequencies equi-signal type	451	..By computer
415	.....Coded equi-signal (e.g., A and N type)	452	..By plotting table
416	.....Sequentially effective reflectors	453	..By deflected or repeated signal
417	..Direction-finding receiver only	454	..Traffic
418	...Doppler	455	...Having collision avoidance
419	...Portable	456	...Having traffic control
420	...With error or deviation compensator or eliminator	457	..Land vehicle location (e.g., bus, police car)
421	....Pulse-type noise elimination or compensation (e.g., sky waves)	458	..Distance
422	...With self-orienting antenna pattern	459	..Underground object location
423	....Plural antennas	460	..Storm or atomic explosion location
424	.....Tracking interferometer	461	..With speed determination
425	....Conical scan antenna type	462	..With altitude determination
426	....Step track antenna type	463	..Having plural transmitters or receivers
427	....Monopulse or pseudo monopulse tracking antenna type	464	...Plural transmitters only
428	...With continuously movable antenna pattern	465	...Plural receivers only
429	....Including a stationary antenna		
430	....Including plural moving antennas		
431	....Including a goniometer		
432	...With plural fixed antenna pattern comparing		
433	....Successively commutated		
434	.....Including more than two antennas		
435	.....By diode switching		
436	.....By modulation		
437	....Including more than two antennas		
438	....Including separate indicators		
439	....Including combined effect indicator		
440	....Including a goniometer		
441	...Having a goniometer		
442	...Having a phase detector		
443	...Having a direction indicator		
444	...Having plural receivers		

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