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14	<b>SEISMIC PROSPECTING</b>	57	...Vertical receiver or source array
15	.Offshore prospecting	58	...By receiver pattern arrangement
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18	...Fluid variation	61	....Beam steering
19	..Transducer cable location determination	62	....Array weighting
20	..Multiple hydrophone cable systems	63	....With preliminary signal processing
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		88	.Side scanning or contour mapping sonar systems
		89	.Speed determination

90	..By doppler effect	126	..Addition or subtraction
91	..Vehicle mounted system for determining vehicle speed	127	.With time interval measuring means
92	.Parametric sonar	128	.With electromagnetic wave
93	.Presence or movement only detection	129	.With plurality of transducers
94	..By doppler effect	130	.With towing
95	.Returned signal used for control	131	<b>UNDERWATER SYSTEM</b>
96	..External device	132	.Analog speech communication
97	..Receiver system	133	.Remote control
98	...Automatic gain or threshold control	134	.Telemetry
99	.Distance or direction finding	135	<b>RECEIVER CIRCUITRY</b>
100	..With correlation or matched filtering	136	.Responsive to intruder energy
101	..Frequency modulation	137	<b>TRANSMITTER SYSTEMS</b>
102	...Linear modulation (e.g., sawtooth)	138	.With beam forming, shaping, steering, or scanning
103	..With beam steering, scanning, or focussing	139	.Animal control
104	...By transducer movement	140	<b>SIGNAL TRANSDUCERS</b>
105	...Transducer switching or gating	141	.Underwater type
106	..With towing	142	..Exclusive-type transmitter
107	..With indicator	143	...Hydraulically driven vibrator
108	...Digital readout	144	...Air guns
109	...Rotating lamp	145	...Explosives
110	...Color display	146	...Impllosion devices
111	...Luminous array	147	...Spark discharge devices
112	...Alarm	148	...Electrically driven underwater bells or sirens
113	...Cathode-ray tube	149	..Exclusive-type receiver
114	...Meter	150	..With modifying lens
115	...Permanent record	151	..With reflector
116	...Audible or tactile	152	..With impedance matching means
117	<b>PLURAL TRANSMITTERS TO RECEIVER OR TRANSMITTER TO PLURAL RECEIVERS</b>	153	..Plural transducer array
197	<b>SELECTIVE (E.G., REMOTE CONTROL)</b>	154	...Line array
198	.Humanly generated sound or speech responsive (e.g., human whistle)	155	...Piezoelectric
199	.Frequency responsive actuation	156	...Magnetostrictive
118	<b>DISTANCE OR DIRECTION FINDING</b>	157	..Piezoelectric
119	.With beam steering, scanning, or focussing	158	...Head and tail mass
120	..By transducer movement	159	...Elongated cylindrical element
121	..By electrical means	160	...Bending type
122	...Transducer switching or gating	161	...Multimorph
123	...With phase shifter or delay means	162	...With resonant or damping structure
124	.By combining or comparing signals	163	...With diaphragm
125	..Phase comparison and/or correlation	164	...Single element having a plurality of electrodes
		165	...Specific support structure
		166	...Liquid filled
		167	...Pressure compensating means
		168	..Magnetostrictive
		169	..Elongated continuous type
		170	..Electret
		171	..Liquid filled transducer
		172	..Transducer with pressure compensating means

173 ..Transducer with support  
174 ..Transducer with diaphragm  
175 ...Diaphragm with electric driving coil  
176 ..Transducer with resonant or damping structure  
177 .Towed land cables  
178 .Receivers  
179 ..Pendulum type  
180 ..Piezoelectric  
181 ..Capacitive  
182 ..Moving coil  
183 ...Spider spring  
184 ...Having arcuate movement  
185 ..Moving magnet  
186 ...Having arcuate movement  
187 ...Spider spring  
188 ..Casing or housing  
189 .Vibrator-type transmitter  
190 ..With feedback control  
191 **MISCELLANEOUS**

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907 **COORDINATE DETERMINATION**  
908 **MATERIAL LEVEL DETECTION, E.G., LIQUID LEVEL**  
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910 **PORTABLE SONAR DEVICES**  
911 **PARTICULAR WELL-LOGGING APPARATUS**  
912 .Particular transducer

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