

# Association of American Railroads (AAR)

## Frequency Assignment Plan (FAP)

New narrowband channels fall between existing original assignments, and will be implemented as needed, along with the eventual change from analog to digital communications to be in future compliance with APCO project 25 guidelines. Monitoring digital communications will require a scanner built with that capability. Programming a narrowband channel into an older scanner should not be a problem. Simply enter as many digits after the decimal point as possible, and the scanner will round it off after you hit enter. It will receive the narrowband channel just fine, unless there is an adjacent original channel in use, which may cause you interference when both are keyed up at the same time.

### Original Assignments

Channel    Frequency

07    160.215

08    160.230

09    160.245

10    160.260

11    160.275

12    160.290

13    160.305

14    160.320

15    160.335

16    160.350

17    160.365

18    160.380

19    160.395

### New Narrowband Channels

Channel    Frequency

107    160.2225

108    160.2375

109    160.2525

110    160.2675

111    160.2825

112    160.2975

113    160.3125

114    160.3275

115    160.3425

116    160.3575

117    160.3725

118    160.3875

		<b>119</b>	<b>160.4025</b>
<b>20</b>	<b>160.410</b>		
		<b>120</b>	<b>160.4175</b>
<b>21</b>	<b>160.425</b>		
		<b>121</b>	<b>160.4325</b>
<b>22</b>	<b>160.440</b>		
		<b>122</b>	<b>160.4475</b>
<b>23</b>	<b>160.455</b>		
		<b>123</b>	<b>160.4625</b>
<b>24</b>	<b>160.470</b>		
		<b>124</b>	<b>160.4775</b>
<b>25</b>	<b>160.485</b>		
		<b>125</b>	<b>160.4925</b>
<b>26</b>	<b>160.500</b>		
		<b>126</b>	<b>160.5075</b>
<b>27</b>	<b>160.515</b>		
		<b>127</b>	<b>160.5225</b>
<b>28</b>	<b>160.530</b>		
		<b>128</b>	<b>160.5375</b>
<b>29</b>	<b>160.545</b>		
		<b>129</b>	<b>160.5525</b>
<b>30</b>	<b>160.560</b>		
		<b>130</b>	<b>160.5675</b>
<b>31</b>	<b>160.575</b>		
		<b>131</b>	<b>160.5825</b>
<b>32</b>	<b>160.590</b>		
		<b>132</b>	<b>160.5975</b>
<b>33</b>	<b>160.605</b>		
		<b>133</b>	<b>160.6125</b>
<b>34</b>	<b>160.620</b>		
		<b>134</b>	<b>160.6275</b>
<b>35</b>	<b>160.635</b>		
		<b>135</b>	<b>160.6425</b>
<b>36</b>	<b>160.650</b>		
		<b>136</b>	<b>160.6575</b>
<b>37</b>	<b>160.665</b>		
		<b>137</b>	<b>160.6725</b>
<b>38</b>	<b>160.680</b>		
		<b>138</b>	<b>160.6875</b>
<b>39</b>	<b>160.695</b>		
		<b>139</b>	<b>160.7025</b>

<b>40</b>	<b>160.710</b>	<b>140</b>	<b>160.7175</b>
<b>41</b>	<b>160.725</b>	<b>141</b>	<b>160.7325</b>
<b>42</b>	<b>160.740</b>	<b>142</b>	<b>160.7475</b>
<b>43</b>	<b>160.755</b>	<b>143</b>	<b>160.7625</b>
<b>44</b>	<b>160.770</b>	<b>144</b>	<b>160.7775</b>
<b>45</b>	<b>160.785</b>	<b>145</b>	<b>160.7925</b>
<b>46</b>	<b>160.800</b>	<b>146</b>	<b>160.8075</b>
<b>47</b>	<b>160.815</b>	<b>147</b>	<b>160.8225</b>
<b>48</b>	<b>160.830</b>	<b>148</b>	<b>160.8375</b>
<b>49</b>	<b>160.845</b>	<b>149</b>	<b>160.8525</b>
<b>50</b>	<b>160.860</b>	<b>150</b>	<b>160.8675</b>
<b>51</b>	<b>160.875</b>	<b>151</b>	<b>160.8825</b>
<b>52</b>	<b>160.890</b>	<b>152</b>	<b>160.8975</b>
<b>53</b>	<b>160.905</b>	<b>153</b>	<b>160.9125</b>
<b>54</b>	<b>160.920</b>	<b>154</b>	<b>160.9275</b>
<b>55</b>	<b>160.935</b>	<b>155</b>	<b>160.9425</b>
<b>56</b>	<b>160.950</b>	<b>156</b>	<b>160.9575</b>
<b>57</b>	<b>160.965</b>	<b>157</b>	<b>160.9725</b>
<b>58</b>	<b>160.980</b>	<b>158</b>	<b>160.9875</b>
<b>59</b>	<b>160.995</b>	<b>159</b>	<b>161.0025</b>
<b>60</b>	<b>161.010</b>		

<b>61</b>	<b>161.025</b>	<b>160</b>	<b>161.0175</b>
<b>62</b>	<b>161.040</b>	<b>161</b>	<b>161.0325</b>
<b>63</b>	<b>161.055</b>	<b>162</b>	<b>161.0475</b>
<b>64</b>	<b>161.070</b>	<b>163</b>	<b>161.0625</b>
<b>65</b>	<b>161.085</b>	<b>164</b>	<b>161.0775</b>
<b>66</b>	<b>161.100</b>	<b>165</b>	<b>161.0925</b>
<b>67</b>	<b>161.115</b>	<b>166</b>	<b>161.1075</b>
<b>68</b>	<b>161.130</b>	<b>167</b>	<b>161.1225</b>
<b>69</b>	<b>161.145</b>	<b>168</b>	<b>161.1375</b>
<b>70</b>	<b>161.160</b>	<b>169</b>	<b>161.1525</b>
<b>71</b>	<b>161.175</b>	<b>170</b>	<b>161.1675</b>
<b>72</b>	<b>161.190</b>	<b>171</b>	<b>161.1825</b>
<b>73</b>	<b>161.205</b>	<b>172</b>	<b>161.1975</b>
<b>74</b>	<b>161.220</b>	<b>173</b>	<b>161.2125</b>
<b>75</b>	<b>161.235</b>	<b>174</b>	<b>161.2275</b>
<b>76</b>	<b>161.250</b>	<b>175</b>	<b>161.2425</b>
<b>77</b>	<b>161.265</b>	<b>176</b>	<b>161.2575</b>
<b>78</b>	<b>161.280</b>	<b>177</b>	<b>161.2725</b>
<b>79</b>	<b>161.295</b>	<b>178</b>	<b>161.2875</b>
<b>80</b>	<b>161.310</b>	<b>179</b>	<b>161.3025</b>
		<b>180</b>	<b>161.3175</b>

81	161.325	181	161.3325
82	161.340	182	161.3475
83	161.355	183	161.3625
84	161.370	184	161.3775
85	161.385	185	161.3925
86	161.400	186	161.4075
87	161.415	187	161.4225
88	161.430	188	161.4375
89	161.445	189	161.4525
90	161.460	190	161.4675
91	161.475	191	161.4825
92	161.490	192	161.4975
93	161.505	193	161.5125
94	161.520	194	161.5275
95	161.535	195	161.5425
96	161.550	196	161.5575
97	161.565	197	161.610 (unconfirmed)

**UHF Frequency Allocations:**

**(No specific AAR channel numbers assigned)**

**(Used individually, or paired in repeater operation with lower frequency as the output)**

<b>452.900</b>		<b>457.900</b>	
<b>452.90625</b>	<b>(data only)</b>	<b>457.90625</b>	<b>(data only)</b>
<b>452.9125</b>		<b>457.9125</b>	
<b>452.91875</b>	<b>(data only)</b>	<b>457.91875</b>	<b>(data only)</b>
<b>452.925</b>		<b>457.925</b>	
<b>452.93125</b>	<b>(data only)</b>	<b>457.93125</b>	<b>(data only)</b>
<b>452.9375</b>		<b>457.9375</b>	
<b>452.94375</b>	<b>(data only)</b>	<b>457.94375</b>	<b>(data only)</b>
<b>452.950</b>		<b>457.950</b>	
<b>452.95625</b>	<b>(data only)</b>	<b>457.95625</b>	<b>(data only)</b>
<b>452.9625</b>		<b>457.9625</b>	
<b>452.96875</b>	<b>(data only)</b>	<b>457.96875</b>	<b>(data only)</b>