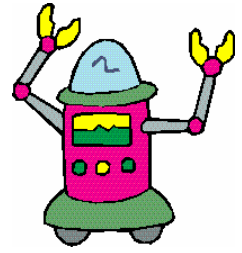


# SCIENCE OLYMPIAD

## Robot Ramble 2007

### Approved Frequencies



#### Allowable frequencies are:

- 27 MHz band (26.995 through 27.255 MHz). This Band may be used but is not encouraged for the Robot Ramble competition.  
Usable Frequencies: 26.995, 27.045, 27.095, 27.145, 27.255
- 49 MHz band (49.8302 through 49.890 MHz). This Band may also be used but is not encouraged for the Robot Ramble competition. This band is generally used by the toy industry for Radio Controlled (R/C) toys.  
Usable Frequencies: 49.8302, 49.845, 49.860, 49.875, 49.890
- 75 MHz band (75.41 through 75.99 MHz). This Band is recommend for the Robot Ramble event and it contains 30 usable channels.

#### Usable Channel/Frequencies:

Channel	Frequency	Channel	Frequency	Channel	Frequency
61	75.41	71	75.61	81	75.81
62	75.43	72	75.63	82	75.83
63	75.45	73	75.65	83	75.85
64	75.47	74	75.67	84	78.87
65	75.49	75	75.69	85	75.89
66	75.51	76	75.71	86	75.91
67	75.53	77	75.73	87	75.93
68	75.55	78	75.75	88	75.95
69	75.57	79	75.77	89	75.97
70	75.59	80	75.79	90	75.99

#### Frequencies not allowable:

- 72.0 MHz band (72.0 through 73.0 MHz). This Band is restricted by the Federal Communications Commission (FCC) for R/C model aircraft and can not be used for the Robot Ramble competition. Teams using this band may not compete in the event. It is illegal to use this Band for surface craft and the user is subject to a penalty by the FCC.

