USING IRLP

1. **LISTEN** to the repeater (Node) to establish if it's in use. If you are not sure **CHECK**. **Press DTMF (0) or (#0)** to see if the Node is connected. (eg. It may be connected to a Reflector and presently be quiet.)
2. **ONLY IF THE NODE IS IDLE - IDENTIFY** and **enter the 4 digit DTMF node number to CONNECT.** (Listen for the connect message.)
3. **Once connected, WAIT 10 sec.** (eg. To make sure the connected repeater is not in use locally) and **MAKE YOUR CALL** – wait 15 sec & if no reply call again & wait. (Most stations take a fair time to answer calls.)
4. **DOWN LINK with DTMF 73** and **IDENTIFY locally** and **indicate wether you have finished** using the Node.

IRLP OPERATING PROCEDURES

- **Please IDENTIFY BEFORE SENDING ALL DTMF'S. (Exception – Node Status check (0 OR #0), identify after "Node Free" announcement)**
- **Press your PTT and WAIT 1 SECOND before speaking on ALL OVERS.**
- **Please leave breaks of around 3 - 4 seconds between ALL overs and ALL Node messages.** (This is to allow for the latency in the system so stations can break in & is also a technical requirement of the system.)
- DTMF Tones should be short & can only be entered in-between transmissions.
- Please don't connect & disconnect from a Node without putting out a call. If you have dialled up an incorrect node, please say so and then down link.

REFLECTOR OPERATING PROCEDURES

- **Once connected to a Reflector, LISTEN for SEVERAL MINUTES before putting out your call. (eg. Their could be a Net running.)**
- **LEAVE BREAKS of around 5 to 10 seconds when in QSO on a reflector.** (This is to allow for the latency in the system so stations can break in, to allow Nodes to down link from the Reflector & is a technical requirement.)
- Please DO NOT persist with hard to read stations.
- **Local traffic, interference, & noisy access are not appreciated on IRLP.**

Please be aware that 20+ repeaters may be tied into a reflector. Reflector 9200 is mainly used like a call channel and for quick QSOs. Generally, the other reflectors are fairly quiet and can be used for skeds & nets etc. Please LISTEN FIRST.

IRLP NOTES

PLEASE NOTE THAT LOCAL DTMF CONTROL CODES MAY DIFFER BETWEEN DIFFERENT IRLP NODES. PLEASE CHECK WITH YOUR LOCAL IRLP NODE CONTROLLER FOR DTMF CODES PARTICULAR TO YOUR LOCAL SYSTEM.

For detailed IRLP Node 6500 info and a Node list, please go to VK5UJ.COM. For further IRLP operating info., please contact Rob VK5MM or Email Joseph at joe@vk5uj.com.

AMATEUR RADIO

COMMUNICATIONS EXPLORATION

ROBS

QUICK REFERENCE FREQUENCY & IRLP GUIDE

VK5MM VK5MM

AFTER PRINTING (IN HIGH RESOLUTION) ON **BOTH** SIDES - CUT ALONG THE LINE ABOVE – AND FOLD IN HALF TO CREATE A BOOKLET

160 Mtrs

CW	**1.800**
	1.810
FSK	
	1.820
DX	
SSB	
	1.840
SSB	
	1.875

80 Mtrs

CW	**3.500**
	3.535
SSB	
Wicen	3.600
FSK	**3.620**
	3.640
SSB	
	3.700
	3.795
DX	
WIN	
	3.800

40 Mtrs

CW	**7.000**
	7.030
FSK	
	7.040
SSB	
Wicen	7.075
	7.300

30 Mtrs

	10.100
CW	
	10.115
SSB	
Wicen	10.115
	10.140
FSK	
	10.150

20 Mtrs

CW	**14.000**
	14.070
FSK	
IBP Beacons	14.100
	14.112
Wicen	14.125
SSB	
SSTV +\- 5K	14.230
Fax	14.250
	14.350

17 Mtrs

	18.068
CW	
	18.100
FSK	
	18.110
IBP Beacons	18.110
SSB	
Wicen	18.150
	18.168

15 Mtrs

	21.000
CW	
	21.070
FSK	
	21.125
IBP Bcn	21.150
SSB	
Wicen	21.190
SSTV +\- 5K	21.340
	21.450

12 Mtrs

	24.890
CW	
	24.920
IBP Bcn	24.930
FSK	
	24.930
SSB	
Wicen	24.950
	24.990

10 Mtrs SSB

CW	**28.000**
	28.050
FSK	
	28.150
CW	
IBP Beacons	28.200
	28.200
Beacons	
	28.300
Wicen	28.450
SSB	
SSTV	28.680
	+\- 5K
6 Mtr Liase	28.885
	29.100

10 Mtrs FM

NFM SIM	**29.110**
NAT. CALL NFM	*29.200*
Packet	29.250
NFM SIM	**29.290**
SAT'S	**29.300**
	29.510
REP. IN	**29.520**
	29.580
Simplex 1* **5K Dev. max**	29.590
INT. CALL NFM	*29.600*
Simplex 2* **5K Dev. max**	29.610
REP OUT	**29.620**
	29.680
Simplex 3* **5K Dev. max**	29.690

VK5MM

6 Mtrs SSB

CW - DX	**50.000**
	50.080
CW - DX WIN	
	50.100
CW - SSB DX	
INT. CALL CW-SSB	*50.110*
	50.150
CW-SSB LOCAL	
NAT. CALL CW -SSB	*50.200*
	50.300
ALL MODE	**52.000**
FSK	**52.100**
SSB	
LOCAL CALL CW -SSB	*52.100*
	52.300

6 Mtrs FM

BEACONS	**52.300**
	52.500
INT. CALL FM	*52.525*
REP. IN	**52.550**
	52.975
DATA	**53.000**
	53.025
BBS DATA	
	53.100
FM SIM	**53.125**
Wicen	53.150
ARDF	53.300
NAT. CALL FM	*53.500*
FM SIM	**53.525**
REP. OUT	**53.550**
	53.975

** Not Recommended - Not in Band Plan*

2 Mtrs SSB

	144.000
EME	
	144.050
CW - FSK	
INT. CALL CW	*144.050*
	144.100
CW- SSB DX	
CALL SSB 1	*144.100*
CALL SSB 2	144.200
	144.240
NZ GUARD	
	144.300
SAT'S	
	144.500
	144.400
BEACONS	
	144.600

2 Mtrs FM

PACKET	**144.700**
	145.200
ALL MODE	**145.325**
	145.525
FM SIM	**146.425**
NAT. CALL FM	*146.500*
FM SIM	**146.575**
FM SIM	**147.400**
	147.550

70cm SSB

	431.950
EME	
	432.050
CW	
INT. CALL CW	*432.050*
	432.100
SSB	
CALL SSB	*432.100*
	432.230
	432.400
BEACON	
	432.600

70cm FM

FM SIM	**433.825**
	434.025
PACKET	**434.050**
	434.250
SAT'S	**435.000**
	438.000
FM SIM	**438.750**
NAT. CALL FM	*439.000*
FM SIM	**439.025**

- ROB'S -
QUICK REFERENCE GUIDE

WWVH	2.500, 5.000, 10.000, 15.000,
WWV	2.500, 5.000, 10.000, 15.000, 20.000
AUS-VNG	2.500, 5.000, 8.638, 12.984, 16.000
USSR	4.996 9.996, 14.996
CHINA	5.430, 9.351

IOTA
7.055, 14.260, 18.128, 21.260, 24.950, 28.460,560 ,50.100.

DX Peditions - 28.485, 495, 595
IBP BEACONS (10 Sec \ 3 Min)

COMMUNICATION EXPLORATION AMATEUR COMMUNICATION STATION AND EXPERIMENTERS LICENSE

PROMOTE AMATEUR RADIO TO ALL AUSTRALIANS – DISTRIBUTE BROCHURES - PROMOTE AMATEUR RADIO TO ALL AUSTRALIANS - DISTRIBUTE BROCHURES - PROMOTE AMATEUR RADIO TO ALL AUSTRALIANS

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