

**Oslo, Norway**

sep 2010 SSN: 22 CCIR I

	80M	40M	30M	20M	17M	15M	12M	10M	
4U1U New York, USA	00-06	00-08, 20-23	00, 10-11, 18-23	11-12, 15-21	N/A	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
W6 Mt Umunhum, CA, USA	N/A	02-06	N/A	16-17	N/A	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
KH6 Honolulu, Hawaii	N/A	N/A	04, 07	07, 17	N/A	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
ZL1 Masterton, New Zeala	N/A	N/A	N/A	10-15	N/A	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
VK Rolystone, Australia	N/A	18-21	17-20	13-17	11-13	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
JA2 Mt Asama, Japan	N/A	16-22	14-18	09-13	N/A	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
VR2 Hong Kong, Hong Kong	N/A	00, 17-23	15-20	12-17	N/A	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
4S Colombo, Sri Lanka	N/A	00, 17-23	15-22	13-16	13-14	N/A	N/A	N/A	
	80M	40M	30M	20M	17M	15M	12M	10M	
ZS Pretoria, South Afri	N/A	00-02, 18-23	00, 04-05, 17-23	05-07, 15-21	06-08, 13-19	08-09, 11-17	N/A	N/A	

\* Indicates the circuit is a Long-Great-Circle-Path prediction

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	80M	40M	30M	20M	17M	15M	12M	10M
5Z Nairobi, Kenya	N/A	01	00-01, 17-19, 22-23	14, 16-17, 19-21	06, 18-19	07, 09-10, 13-17	N/A	N/A
4X Tel-aviv (Jaffa), Is	00-04, 17-23	00-06, 15-23	00-03, 05-08, 12-23	08-17, 19-20	11, 17-18	08-13	N/A	N/A
CT3 Funchal, Madeira Is.	00-05, 19-23	00-03, 05-08, 16-23	00-03, 05, 07-10, 15-21,	10-13, 17-19	09, 16, 20	11-13, 18-19	N/A	N/A
LU Buenos Aires, Argent	N/A	00-04, 23	00-03, 06, 21-23	20-21	10, 19-20	N/A	N/A	N/A
OA Lima, Peru	N/A	05	00-02	N/A	14-15	N/A	N/A	N/A
YV Caracas, Venezuela	03-04	00-06, 23	22	10	N/A	N/A	N/A	N/A
YB Jakarta, Indonesia	N/A	N/A	17-21	13, 15-19	11-15	08-09	N/A	N/A

Station 4U1U CW Poor Forward Short-GC Noise at Receive End Rural area Required Reliability 90%  
 Transmit Antennas -  
 2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

\* Indicates the circuit is a Long-Great-Circle-Path prediction

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Station					Noise at Receive End	Required Reliability
W6	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
KH6	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
ZL1	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
VK	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
JA2	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
VR2	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
4S	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
ZS	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
5Z	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
4X	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
CT3	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
LU	CW	Poor	Forward	Short-GC	Rural area	90%

Transmit Antennas -  
2-30MHz ISOTROPE 3.0 dBi, Power: 100W

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
OA	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
YV	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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Station					Noise at Receive End	Required Reliability
YB	CW	Poor	Forward	Short-GC	Rural area	90%
Transmit Antennas -						
2-30MHz ISOTROPE 3.0 dBi, Power: 100W						

Receive end antenna - ISOTROPE 3.0 dBi

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\* Indicates the circuit is a Long-Great-Circle-Path prediction