

Summary Propagation Tables for Kermadec Islands

SSN Ultra High	SSN Very High	SSN High	SSN Medium	SSN Low	SSN Very Low
January	January	January	January	January	January
February	February	February	February	February	February
March	March	March	March	March	March
April	April	April	April	April	April
May	May	May	May	May	May
June	June	June	June	June	June
July	July	July	July	July	July
August	August	August	August	August	August
September	September	September	September	September	September
October	October	October	October	October	October
November	November	November	November	November	November
December	December	December	December	December	December

Each of the month names in the above table is a hyperlink to the corresponding page of this document. Click on the one you want to jump to.

Jan., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	9	-	4*	7	8	5	2	9+	5	3*	9	8	7	6	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	9+	1	4*	5	8	6	1	9+	6	-	8	8	7	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	9+	3	5*	4	9	7	1	9+	8	-	8	8	8	5	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	8	1	-	9+	7	3*	8	9	8	8	9+	9	-	8	9	8	6	9	9	3				
4	-	-	-	-	-	2	-	-	-	1	-	-	9	2	5*	2	9	8	2*	9+	9	5	8	9	9	8	9+	9	-	9	9	8	8	9+	9	4				
5	-	-	-	-	-	8	-	-	-	5	1	-	9+	5	4	7	9	8	2	9+	9	8	9	9+	9	7*	9+	9+	6	9	9	6	8	9+	9	5				
6	-	-	1	-	-	9+	-	2	1	7	2	-	9+	7	7	8	9+	9	2	9+	9	8	9	9+	8*	8	9+	9+	9	9	9	8*	9	9+	9	6				
7	-	-	5	-	-	9+	2	5	2	8	5	-	9+	8	6	9	9+	9	6	9+	9+	9	9+	9+	8	9	9+	9+	9	9	9	8*	9	9+	9	7				
8	-	-	7	-	-	9+	7	2	7	8	2	1	9+	9	8	9+	9+	9	8	9+	9+	9	9+	9+	7	9	9+	9+	9	9	9	8*	9	9+	9	8				
9	-	3	7	-	-	9+	8	1	8	9	1	4	9+	9	9	9+	9+	9	9	9+	9+	9	9+	9+	9	9+	9+	9+	9	9+	9	7	9	9+	8	9				
10	-	7	8	-	1	9+	8	1	8	9	5	6	9+	9	9	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	9	9	9+	6	9	9	9+	4	10				
11	-	8	4	-	5	9+	8	-	9	8	6	7	9+	9	8	9+	9+	5	9	9+	9+	9	9+	9	9	9+	9+	7	9	9+	7*	9	9	9+	2*	11				
12	-	8	-	-	5	9+	8	1	9	7	8	8	9+	9	9	9+	9	8	9	9+	9	9	9+	9	9	9	9+	4*	9	9+	6*	9	9	9+	6*	12				
13	-	8	3	-	6	9+	8	3	9	4	1	9	9+	8	9	9+	9	9	9	9+	8	9	9+	9	9	9	9+	4*	9	9+	8	9	9	9	6*	13				
14	1	8	-	-	9	9+	8	6	9	4	5	9	9+	9	9	9+	8	9	9	9+	9	9	9+	9	9	9+	9+	9	9	9	5	9	9	9	7	14				
15	-	8	-	1	6	9+	7	7	9	2	7	9	9+	8	9	9+	7	9	9	9+	9	9	9+	9+	8	9	9+	9+	9	5	9	3	9	9	9	8	15			
16	-	8	-	-	1	9+	2	7	9	-	8	9	9+	7	9	9+	4	9	9	9+	9	8	9+	9+	8	9+	9+	9+	9	-	9	3	8	9	9	7	16			
17	-	5	-	1	1	9+	-	6	8	-	7	7	9+	5	9	9+	2	9	9	9+	8	4	9+	6	9*	9	9+	9	-	8	6	8	8	9	6	17				
18	-	1	-	-	-	8	-	2	7	-	6	4	9+	1	7	9+	2	9	9	9+	9	7*	9+	7	9*	9	9+	9	2*	7	7	8	8	8	7	18				
19	8	-	-	-	-	2	-	-	4	-	-	1	9	-	5	9	1*	9	8	9+	7	7*	9	8	9	9	9+	9	5*	8	6	8*	7	7	8	19				
20	-	-	-	-	-	-	-	-	1	-	-	-	6	-	4	9	1*	8	7	9+	2	7*	9	9	9	9	9+	8	5*	4	7	8*	8	9	9	20				
21	-	-	-	1	-	-	-	-	-	-	2	-	1	-	-	8	1	7	5	9+	-	5*	9	8	8*	8	9+	6	5*	3	7	8	7	9	8	21				
22	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	5	1	3	1	9+	-	4*	8	7	8	6	9+	5	5*	9	8	7*	1	9	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	9	-	3*	8	8	6	5	9+	3	5*	8	7	7	-	9	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Feb., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	9	-	2*	6	8	4	1	9+	4	6*	8	8	7	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	-	-	9	-	4*	4	8	6	1	9+	6	5*	8	8	8	5	9+	8	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	9+	2	6*	4	9	7	1	9+	8	4*	8	9	8	4	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	4	3	1*	-	8	5	-	9+	7	6*	7	9	8	8	9+	9	-	8	9	9	5	9+	9	3				
4	-	-	-	-	-	2	-	-	-	2	-	-	9	1	5*	2	9	8	2*	9+	8	6	7	9+	9	7	9+	9+	4	9	9	9	6	9+	9	4				
5	-	-	-	-	-	9	-	-	-	6	1	-	9+	5	8	6	9	9	1	9+	9	6	9	9+	9	7*	9+	9+	8	9	9	7	8	9+	9	5				
6	-	-	-	-	-	9+	1	1	-	7	5	-	9+	7	8	8	9+	9	1	9+	9+	8	9	9+	9	7	9+	9+	8	9	9	8	8	9+	9	6				
7	-	-	7	-	-	9+	3	3	2	8	5	-	9+	8	8	9	9+	9	4	9+	9+	8	9+	9+	7*	8	9+	9+	9	9+	9	9	9	9+	9	7				
8	-	-	8	-	-	9+	7	1	6	9	1	-	9+	8	9	9+	9+	9	8	9+	9+	8	9+	9+	7	9	9+	9+	9	9+	9	8*	9	9+	9+	8				
9	-	1	8	-	-	9+	8	-	8	9	-	2	9+	9	8	9+	9+	8	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9	9				
10	-	7	7	-	-	9+	8	-	8	8	5	5	9+	9	8	9+	9+	6	9	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	7	9	9	9+	8	10				
11	-	8	2	1	2	9+	8	-	9	8	7	6	9+	9	8	9+	9+	7	9	9+	9+	9	9+	9	9	9	9+	9	9	9+	9+	5*	9	9	9+	2*	11			
12	-	8	-	-	3	9+	8	-	9	6	8	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9	9	9	9+	2*	9	9+	5*	8	9	9+	3*	12				
13	-	8	-	-	5	9+	8	1	9	4	9	7	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9	9+	7	9	9+	4*	8	9	9+	4*	13				
14	-	8	-	-	6	9+	8	1	9	-	6	7	9+	9	9	9+	8	9	9	9+	9	9	9+	9	9	9	9+	9	9	9+	3*	9	9	9	8	14				
15	-	8	-	1	6	9+	5	4	9	-	7	8	9+	8	9	9+	6	9	9+	9+	9	9	9+	8	9	9+	9+	9	9	9	2*	8	9	9	8	15				
16	-	8	-	3	5	9+	-	5	9	-	8	7	9+	7	9	9+	4	9	9	9+	9	9+	9+	8	9	9	9+	9	9	9	8	4	7*	8	9	7	16			
17	-	6	-	1	1	9+	-	5	8	-	8	6	9+	4	8	9+	1	9	9	9+	8	9	9+	7	9	9	9+	9	5	7	8	7	6	8	8	17				
18	-	1	-	-	-	9	-	2	8	-	7	5	9+	1	8	9+	-	9	9	9+	9	8	9	6	9	9	9+	9	5*	5	7	8*	4*	7	9	18				
19	-	-	-	-	-	4	-	1	5	-	5	2	9	-	7	9	1*	9	8	9+	7	7*	9	7	9	9	9+	9	7*	6	8	7	6	9+	9	19				
20	-	-	-	-	-	-	-	-	2	-	-	-	7	-	5	9	1*	9	8	9+	2	7*	9	8	9	9	9+	8	7*	5	8	8	8	9+	9	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	8	-	8	5	9+	-	6*	9	9	9	8	9+	8	7*	6	8	8*	9	9+	8	21				
22	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	5	1	4	1	9	-	4*	9	8	8	6	9+	3	6*	8	8	8*	7	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	1	1	1	-	9	-	2*	7	7	6	4	9+	2	5*	8	8	7*	7	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Mar., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	1	-	9	-	2*	5	8	5	2	9+	5	6*	8	8	7	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	9	-	3*	3	8	6	1*	9+	7	6*	8	8	8	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	6	1	-	9+	5	6*	4	9	7	2	9+	8	7*	8	9	8	4	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	-	8	6	1*	9+	7	7*	8	9	8	8	9+	9	5*	9	9	9	5	9+	9	3				
4	-	-	-	-	-	3	-	-	-	2	-	-	9	1	6*	1	9	9	3*	9+	9	8*	7	9	9	6	9+	9+	6	9	9	9	6	9+	9+	4				
5	-	-	-	-	-	9	-	-	-	6	1	-	9+	6	8	4	9+	9	2*	9+	9	6	8	9+	9	5	9+	9+	8	9	9+	8	7	9+	9+	5				
6	-	-	2	-	-	9+	1	-	-	8	5	-	9+	8	8	7	9+	9	1	9+	9+	8	9	9+	9	7	9+	9+	8	9+	9	8	8	9+	9+	6				
7	-	-	7	-	-	9+	3	1	2	8	5	-	9+	8	8	9	9+	9	2	9+	9+	8	9+	9+	8	8	9+	9+	9	9+	9	8*	9	9+	9+	7				
8	-	-	8	-	-	9+	7	-	5	9	1	-	9+	9	8	9	9+	9	6	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9+	8				
9	-	1	8	-	-	9+	8	-	7	9	-	1	9+	9	8	9+	9+	8	8	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9+	9	9	9+	9	9				
10	-	4	8	-	-	9+	8	-	8	9	4	3	9+	9	7	9+	9+	6	9	9+	9+	8	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	9	10				
11	-	8	5	1	1	9+	8	-	9	8	6	6	9+	9	7	9+	9+	7	9	9+	9+	8	9+	9	8	9+	9+	9+	9	9+	5*	9	9	9+	7	11				
12	-	8	1	-	2	9+	8	-	9	7	1	6	9+	9	7	9+	9	8	9	9+	9+	9	9+	9	9	9	9+	8	9	9+	8	8	9	9+	2*	12				
13	-	8	-	-	4	9+	8	-	9	4	4	6	9+	9	8	9+	9	9	9	9+	9+	9	9+	9	9	9	9+	9	9	9+	7	8	9	9+	4	13				
14	-	8	-	1	6	9+	6	1	9	1	6	8	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9+	9+	9	9	9+	2	8	9	9	9	14				
15	-	8	-	2	6	9+	3	3	9	-	7	8	9+	8	8	9+	7	9	9	9+	9	9	9+	8	9	9+	9+	9	9	9	1*	7*	8	9	9	15				
16	-	8	-	3	5	9+	-	5	9	-	8	8	9+	6	9	9+	5	9	9	9+	9	9	9+	8	9	9+	9+	9	9	9	9	4	7*	7	9	8	16			
17	-	7	-	6	2	9+	-	6	8	-	8	7	9+	4	9	9+	2	9	9	9+	9	9+	9+	6	9	9	9+	9	9	8	8	7	5	8	9	17				
18	-	5	-	1	-	9	-	3	8	-	8	5	9+	-	9	9+	1	9	9	9+	9	9	9	7	9	9	9+	9	3	7	8	7	5*	9+	9	18				
19	-	-	-	-	-	7	-	1	5	-	6	2	9	-	8	9	1*	9	9	9+	8	8	9+	6	9*	9	9+	9	7*	7	8	8	3*	9+	9	19				
20	-	-	-	-	-	1	-	-	3	-	1	-	8	-	7	9	1*	8*	8	9+	3	8*	9	8	9*	9	9+	8	8*	8	8	9	9	9+	9	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	8	1	7	6	9+	-	7*	9	8	9	8	9+	8	8*	9	8	9*	9	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	4	-	-	-	1	5	1	5	2	9	-	5*	9	6	8	8	9+	4*	6*	9	8	7	8	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	9	-	3*	8	7	6	4	9+	3	6*	8	8	7	7	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Apr., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	9	-	4*	6	8	6	3	9+	6	7*	9	9	8	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	9+	2	6*	4	8	7	3*	9+	8	8*	8	9	8	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	-	8	2	-	9+	5	6*	5	9	8	3*	9+	8	8*	8	9	9	6	9+	9	2				
3	-	-	-	-	-	-	-	-	-	1	-	-	7	-	3*	-	9	7	1*	9+	8	8*	8	9	9	8	9+	9	8*	8	9	9	5	9+	9	3				
4	-	-	-	-	-	6	-	-	-	5	-	-	9	4	6*	1	9	9	2*	9+	9	8*	7	9+	9	7	9+	9+	6	9	9+	9	6	9+	9+	4				
5	-	-	1	-	-	9	1	-	-	7	1	-	9+	7	8	4	9+	9	1*	9+	9+	8*	8	9+	9	5	9+	9+	7	9	9+	8	8*	9+	9+	5				
6	-	-	7	-	-	9+	1	-	-	8	5	-	9+	8	8	7	9+	9	-	9+	9+	9*	9	9+	9	7	9+	9+	8	9	9+	8*	8	9+	9+	6				
7	-	-	8	-	-	9+	4	-	1	9	4	-	9+	8	8	9	9+	9	3	9+	9+	8*	9+	9+	9	8	9+	9+	8*	9+	9+	8*	9	9+	9+	7				
8	-	-	8	-	-	9+	7	-	5	9	1	-	9+	8	8	9+	9+	9	5	9+	9+	8	9+	9+	9	9	9+	9+	8	9+	9	8	9	9+	9+	8				
9	-	-	8	-	-	9+	8	-	7	9	-	1	9+	8	5	9+	9+	8	8	9+	9+	8	9+	9+	9	9	9+	9+	8	9+	9	8	9	9+	9+	9				
10	-	2	8	-	-	9+	8	-	8	9	-	3	9+	9	4	9+	9+	6	9	9+	9+	8	9+	9+	8	9	9+	9+	8	9+	9	9	9	9+	9	10				
11	-	8	7	2	-	9+	8	-	9	8	6	5	9+	9	4	9+	9+	8	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9	9+	7	8	9	9+	8	11			
12	-	8	1	5	2	9+	8	-	9	8	7	6	9+	9	6	9+	9	8	9	9+	9+	8	9+	9	9	9	9+	9	9	9	9+	7	8	9	9+	6	12			
13	-	8	-	8	4	9+	7	-	9	5	8	8	9+	9	8	9+	9	9	9	9+	9+	9	9+	9	9	9+	9+	9	9	9+	2*	6	9	9+	6	13				
14	-	8	-	1	6	9+	6	-	9	2	8	8	9+	8	8	9+	8	9	9	9+	9+	9	9+	6	9	9+	9+	9	9	9	1*	6	9	9+	8	14				
15	-	8	-	2	5	9+	-	1	9	-	9	7	9+	8	8	9+	7	9	9	9+	9	9	9+	2	9	9	9+	9	9	9	1*	7	9	9	8	15				
16	-	8	-	3	6	9+	-	4	9	-	8	7	9+	5	9	9+	6	9	9	9+	9	9	9+	7	9	9	9+	9	8	8	8	1*	5	8	8	5	16			
17	-	7	-	7	4	9+	-	5	8	-	8	7	9+	2	9	9+	4	9	9	9+	9	9	9	7	9	9	9+	9	6	5	7	6	5	5	7	17				
18	-	5	-	2	1	9+	-	4	8	-	8	6	9+	-	9	9+	2	9*	9	9+	8	9	9	8	8	9	9+	9	6	6*	8	8	5*	9+	9	18				
19	-	1	-	-	-	8	-	6	7	-	7	4	9+	-	8	9+	2*	9*	9	9+	6	9	9+	7	9	9+	9+	9	8*	6	8	8	5	9+	9	19				
20	-	-	-	-	-	3	-	4	5	-	5	-	9	-	8	9	2*	9	8	9+	2	8*	9	7	9*	9	9+	8	8*	8	8	9	9	9+	8	20				
21	-	-	-	-	-	-	-	-	1	-	-	-	6	-	5	8	1	8	6	9+	1	6*	9	8	9	9	9+	8	8*	9	8	9*	9	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	6	-	1	-	1	7	1	5	3	9+	-	6*	9	7	8	7	9+	4	7*	9	9	8*	8	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	9	-	5*	8	8	6	6	9+	4	7*	9	9	7*	6	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

May, Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	1	-	9+	-	6*	7	8	7	4	9+	5	8*	8	9	8	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	1	-	9+	2	5*	6	9	8	3*	9+	8	8*	8	9	8*	6	9	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2*	-	8	5	1*	9+	6	7*	8	9	8	9	9+	9	8*	8	9	8*	6	9+	9	2				
3	-	-	-	-	-	1	-	-	-	2	-	-	8	-	5*	-	9	8	2*	9+	8	8*	8	9	9	8	9+	9	8*	8	9	9	8	9+	9	3				
4	-	-	-	-	-	8	-	-	-	6	1	-	9+	3	8	1	9	9	3*	9+	9	9*	7	9+	9+	8	9+	9+	7*	9	9+	9	6*	9+	9	4				
5	-	-	2	-	-	9+	1	-	-	8	4	-	9+	7	8	5	9	9	1*	9+	9+	9*	9	9+	9	7*	9+	9+	5*	9	9+	8	7	9	9	5				
6	-	-	7	-	-	9+	3	-	-	8	5	-	9+	8	6	6	9+	9	-	9+	9+	8*	9	9+	9	7	9+	9+	7*	9+	9	8	8	9+	9+	6				
7	-	-	8	-	-	9+	7	-	2	9	4	-	9+	8	7	8	9+	9	3	9+	9+	7	9+	9	9	8	9+	9+	6	9+	4	7	9	9+	9+	7				
8	-	-	8	-	-	9+	6	-	5	9	1	-	9+	9	4	9	9+	8	4	9+	9+	8	9+	9	9	9	9+	9+	6	9+	2*	8	9	9	9	8				
9	-	-	8	-	-	9+	8	-	7	9	-	-	9+	9	3	9+	9	7	8	9+	9+	8	9+	8	9	9	9+	9+	7	9+	4*	8	9	9+	9	9				
10	-	3	8	1	-	9+	8	-	8	9	-	2	9+	9	2	9+	9+	6	9	9+	9+	8	9+	7	9	9	9+	9+	8	9+	4*	8	9	9+	9	10				
11	-	8	7	3	-	9+	8	-	9	8	1	5	9+	9	1	9+	9	8	9	9+	9+	8	9+	5	8	9	9+	9+	8	9	3*	6	9	9+	7	11				
12	-	8	5	6	1	9+	7	-	9	8	3	7	9+	9	3	9+	9	8	9	9+	9+	8	9+	5	6	9	9+	9	8	9	2*	4	9	9+	5	12				
13	-	9	1	8	2	9+	7	-	9	7	5	7	9+	9	5	9+	9	9	9	9+	9+	8	9+	1*	5	9	9+	9	8	9	1*	5*	9	9+	4	13				
14	-	9	-	9	5	9+	1	-	9	4	7	8	9+	8	8	9+	6	9	9	9+	9+	9	9+	1*	3	9+	9+	9	9	9	1*	5*	8	8	4	14				
15	-	8	-	4	5	9+	-	-	9	1	8	8	9+	6	8	9+	-	9	9	9+	9	9	9+	-	4*	9	9	8	8	8	-	4*	8	4	1	15				
16	-	8	-	7	6	9+	-	1	9	-	8	8	9+	4	8	9+	3	9	9	9+	9	8	9	1*	4*	9	7	8	2	2	-	-	1	-	1	16				
17	-	8	-	7	5	9+	-	3	9	-	8	8	9+	-	9	9	6	7	9	9+	9	6	5	7	5*	3	6	8	-	-	-	3	-	-	4	17				
18	-	5	-	7	2	9+	-	4	8	-	8	7	9+	-	9	9	4	8	9	9+	7	8	7	8	6	7	9+	9	2	5*	8	7*	5*	9+	9	18				
19	-	4	-	2	-	9	-	-	8	-	8	4	9+	-	8	9+	3	9*	9	9+	5	9	9	8	8*	9+	9+	8	7*	7	8	8	8	9+	8	19				
20	-	-	-	-	-	6	-	4	5	-	6	1	9	-	7	9	3	9*	8	9+	2	8*	9	8	9	9	9+	8	9*	6	9	9	9	9+	8	20				
21	-	-	-	-	-	1	-	-	1	-	1	-	8	-	4	8	2	8	7	9+	2*	7*	9	8	9*	9	9+	8	8*	9	8	9	9	9+	7	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	7	3	6	4	9+	-	6*	9	8	8*	8	9+	9	8*	9	9	9*	8	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	1	1	9	-	6*	8	8	7	7	9+	5	8*	9	8	8*	6	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Sep., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	9	-	2*	4	8	6	2	9+	6	6*	8	8	7	4	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	5	-	-	9	2	5*	5	8	7	2*	9+	8	6*	8	8	8	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	7	1	-	9+	6	6*	5	9	8	3*	9+	9	7*	8	9	8	5	9+	9	2				
3	-	-	-	-	-	-	-	-	-	1	-	-	8	1	3	-	9	8	1*	9+	8	7*	6	9	9	6	9+	9	2*	9	9	8	6	9+	9	3				
4	-	-	-	-	-	6	-	-	-	5	-	-	9+	4	6	3	9	9	2*	9+	9	8*	8	9+	9	7	9+	9+	6	9	9	8	7	9+	9+	4				
5	-	-	1	-	-	9	-	-	-	8	1	-	9+	7	8	5	9+	9	1*	9+	9+	8*	9	9+	9	5	9+	9+	7	9	9+	8	8	9+	9+	5				
6	-	-	7	-	-	9+	1	-	-	8	5	-	9+	8	8	8	9+	9	1*	9+	9+	9*	9+	9+	8	7	9+	9+	8	9	9	8*	8	9+	9+	6				
7	-	-	8	-	-	9+	5	-	2	9	4	-	9+	8	8	9	9+	9	2	9+	9+	8	9+	9+	9	8	9+	9+	8	9+	9	7*	9	9+	9+	7				
8	-	-	8	-	-	9+	8	-	6	9	-	-	9+	9	8	9+	9+	9	6	9+	9+	8	9+	9+	9	9	9+	9+	8	9+	9	8	9	9+	9+	8				
9	-	1	8	-	-	9+	8	-	8	9	-	1	9+	9	7	9+	9+	8	8	9+	9+	8	9+	9+	9	9	9+	9+	8	9+	9	9	9	9+	9+	9				
10	-	7	8	1	-	9+	8	-	9	9	-	4	9+	9	5	9+	9+	5	9	9+	9+	8	9+	9+	8	9	9+	9+	9	9+	8	9	9	9+	9	10				
11	-	8	5	2	1	9+	8	-	9	8	-	6	9+	9	5	9+	9+	7	9	9+	9+	8	9+	9	9	9	9+	9+	9	9+	4*	8	9	9+	7	11				
12	-	8	1	6	2	9+	8	-	9	7	7	6	9+	9	7	9+	9	8	9	9+	9+	9	9+	9	9	9	9+	9	9	9	9+	6	7	9	9+	2*	12			
13	-	8	-	8	5	9+	8	-	9	4	7	7	9+	9	8	9+	9	9	9	9+	9+	9	9+	9	9	9+	9+	9	9	9	1*	6	9	9+	6	13				
14	-	9	-	9	7	9+	7	-	9	-	7	8	9+	9	8	9+	8	9	9	9+	9	9	9+	5	9	9+	9+	9	8	9	1*	6*	8	8	8	14				
15	-	8	-	4	7	9+	1	1	9	-	8	8	9+	8	8	9+	6	9	9	9+	9	9	9+	2	9	9+	9	9	8	8	1*	5*	7	7	5	15				
16	-	8	-	4	5	9+	-	5	9	-	8	8	9+	6	9	9+	4	9	9	9+	9	9	9	6	8	9	9	9	7	7	1*	3*	7	5	4	16				
17	-	7	-	6	1	9+	-	5	8	-	8	8	9+	2	9	9+	1	9	9	9+	9	9	9	7	7*	9	9	9	6	5	7	7	4	1	8	17				
18	-	5	-	1	-	9	-	2	8	-	7	5	9+	-	9	9+	1*	9	9	9+	8	9+	9	6	7*	9	9+	9	4*	5*	8	7	6	5*	9	18				
19	-	1	-	-	-	7	-	1	6	-	5	2	9	-	8	9	2*	9	9	9+	5	8	9+	6	9	9	9+	9	8*	8	8	8	3*	9+	8	19				
20	-	-	-	-	-	1	-	-	3	-	1	-	8	-	7	9	1*	8*	8	9+	2	8*	9	8	9*	9	9+	8	8*	3*	8	9	9	9+	8	20				
21	-	-	-	-	-	-	-	-	1	-	5	-	4	-	3	8	-	7	6	9+	-	5*	9	8	9	8	9+	8	7*	9	8	9*	8	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	4	2	9	-	4*	8	6	7	6	9+	3	6*	8	8	8*	8	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	9	-	3*	7	7	5	4	9+	4	6*	8	8	7*	5	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Oct., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	9	-	1*	4	8	4	2	9+	6	6*	8	8	7	6	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	4	-	-	9	-	4*	3	8	5	-	9+	8	6*	8	9	8	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	7	1	-	9+	5	6*	4	9	8	1*	9+	9	6*	8	9	8	5	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	7	3	2	-	8	7	1*	9+	8	7*	8	9	8	7	9+	9	2	9	9	9	5	9+	9+	3				
4	-	-	-	-	-	5	-	-	-	2	-	-	9	2	6*	2	9	9	2*	9+	9	4	8	9+	9	7	9+	9+	8	9	9	9	6*	9+	9+	4				
5	-	-	-	-	-	9	-	-	-	6	1	-	9+	6	9	6	9+	9	2*	9+	9	7	9	9+	9	6	9+	9+	8	9	9+	8*	8	9+	9+	5				
6	-	-	3	-	-	9+	1	-	-	8	5	-	9+	8	8	8	9+	9	1	9+	9+	9*	9+	9+	8*	7	9+	9+	8	9+	9+	8*	8	9+	9+	6				
7	-	-	8	-	-	9+	3	1	2	9	5	-	9+	8	8	9	9+	9	4	9+	9+	8	9+	9+	7	8	9+	9+	9	9+	9	8	9	9+	9+	7				
8	-	-	8	-	-	9+	7	-	6	9	1	-	9+	9	8	9+	9+	9	7	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9+	8				
9	-	2	8	-	-	9+	8	-	8	9	4	2	9+	9	8	9+	9+	8	9	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	9+	9	9	9+	9+	9				
10	-	7	6	-	-	9+	8	-	9	8	5	4	9+	9	8	9+	9+	5	9	9+	9+	9	9+	9+	8	9	9+	9+	9	9+	8	9	9	9+	9	10				
11	-	8	2	2	1	9+	8	-	9	7	7	6	9+	9	7	9+	9+	7	9	9+	9+	9	9+	9	9	9	9+	9+	9	9+	9+	6*	9	9	9+	6*	11			
12	-	8	-	5	2	9+	8	-	9	6	8	6	9+	9	8	9+	9	8	9	9+	9+	9	9+	9	9	9+	9+	8	9	9+	8	9	9	9+	5*	12				
13	-	8	-	8	4	9+	8	-	9	3	9	8	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9	9+	9	9	9+	6	9	9	9+	7	13				
14	-	8	-	1	6	9+	7	1	9	-	9	8	9+	9	8	9+	8	9	9	9+	9	9	9+	9	9	9+	9+	9+	9	9+	5	9	9	9	9	14				
15	-	8	-	2	6	9+	3	4	9	-	7	8	9+	8	8	9+	6	9	9	9+	9	9	9+	8	9	9+	9+	9	9	9	2	8	9	9	8	15				
16	-	7	-	4	3	9+	-	4	9	-	8	8	9+	6	9	9+	4	9	9	9+	9	9	9+	8	9	9+	9+	9+	9	9	7	7	8	9	8	16				
17	-	5	-	2	1	9+	-	4	8	-	7	7	9+	2	9	9+	1	9	9	9+	9	9+	9+	7	9	9	9+	9	9	8	8	8	7	8	9	17				
18	-	1	-	-	-	9	-	2	7	-	6	4	9+	-	9	9+	-	9	9	9+	8	9	9+	6	9*	9	9+	9	6	8	8	8*	8	9+	9	18				
19	-	-	-	-	-	4	-	1	5	-	4	1	9	-	8	9	1*	9	8	9+	6	8	9+	7	9*	9	9+	9	7*	9	8	9	9	9+	9	19				
20	-	-	-	-	-	-	-	-	1	-	-	-	7	-	6	9	1*	8	8	9+	2*	7	9	8	9*	9	9+	8	7*	8	8	9	9	9+	9	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	8	-	7	5	9+	-	6*	9	9	8*	8	9+	8	7*	9	8	9*	9	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	1	4	1	9	-	4*	8	6	7	5	9+	3*	6*	9	8	8*	7	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	9	-	1*	7	7	5	4	9+	4	6*	8	8	7*	6	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Nov., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-	9	-	-	5	8	5	2	9+	5	5*	8	8	7	6	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	9	-	1*	3	9	5	-	9+	7	6*	8	8	8	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	6	-	-	9+	3	5*	4	9	8	1*	9+	9	3*	8	9	8	5	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	1	8	6	-	9+	7	5*	7	9	8	7	9+	9	-	8	9	9	6	9+	9	3				
4	-	-	-	-	-	2	-	-	-	1	-	-	9	2	6	2	9	8	1*	9+	9	5	8	9+	9	7	9+	9+	7	9	9	9	7	9+	9+	4				
5	-	-	-	-	-	8	-	-	-	5	1	-	9+	5	8	7	9	9	2*	9+	9	7	9	9+	9	6	9+	9+	9	9	9	8	8	9+	9+	5				
6	-	-	1	-	-	9+	-	1	-	7	5	-	9+	7	6	8	9+	9	2	9+	9+	9	9+	9+	9	8	9+	9+	9	9	9	8*	8	9+	9	6				
7	-	-	5	-	-	9+	3	4	1	8	6	-	9+	8	7	9	9+	9	4	9+	9+	9	9+	9+	9	7*	8	9+	9+	9	9+	9	8	9	9+	9+	7			
8	-	-	7	-	-	9+	7	1	7	8	2	1	9+	9	8	9+	9+	9	8	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9+	8				
9	-	2	6	-	-	9+	7	1	8	8	3	2	9+	9	9	9+	9+	8	9	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	9	9	9	9+	9	9				
10	-	7	6	-	1	9+	8	-	9	8	5	6	9+	9	8	9+	9+	6	9	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	9	9	9	9+	8	10				
11	-	8	2	-	2	9+	8	-	9	8	7	7	9+	9	8	9+	9+	5	9	9+	9+	9	9+	9+	9	9	9+	9	9	9+	8	9	9	9+	5*	11				
12	-	8	-	4	3	9+	8	1	9	6	8	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9+	9	9	9+	3*	9	9+	9	8	9	9+	5*	12				
13	-	8	-	8	5	9+	8	1	9	1	9	7	9+	9	9	9+	9	9	9	9+	9	9	9+	9	9	9+	9+	9	9	9+	8	9	9	9+	5	13				
14	-	8	-	-	6	9+	8	4	9	-	6	8	9+	9	9	9+	8	9	9	9+	9	9	9+	9	9	9+	9+	9	9	9+	7	9	9	9	9	14				
15	-	8	-	-	5	9+	6	5	9	-	6	8	9+	8	9	9+	6	9	9	9+	9	9	9+	9	9	9+	9+	9	9	9	8	9	9	9	9	15				
16	-	7	-	1	2	9+	-	5	9	-	7	9	9+	7	9	9+	2	9	9	9+	9	9	9+	9+	8	9	9+	9+	9+	8	9	8	8	9	9	9	16			
17	-	5	-	2	1	9+	-	5	8	-	7	6	9+	5	9	9+	1	9	9	9+	9	9	9+	9	9	9+	9+	9	4	9	8	8	9	9	9	17				
18	-	-	-	-	-	8	-	2	7	-	5	4	9+	-	8	9+	1	9	9	9+	8	8	9+	7	9*	9	9+	9	5*	9	7	9	9	9+	9	18				
19	8	-	-	-	-	1	-	-	4	-	-	1	9	-	8	9	1*	9	8	9+	6	6*	9+	8	9*	9	9+	9	6*	9	8	9	9	9+	9	19				
20	6	-	-	-	-	-	-	-	1	-	-	-	6	-	6	8	1	8	7	9+	3	6*	9	8	9	9	9+	8	6*	8	8	8*	9	9	9	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	7	-	5	5	9+	-	5*	9	6	9	8	9+	5	6*	9	8	8*	8	9	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	1	9	-	4*	8	7	8	6	9+	4	5*	9	8	7	7	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	1	-	1	-	9	-	1*	7	7	6	2	9+	3	5*	9	8	7	7	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Dec., Kermadec Islands, for SSN = Ultra High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Feb., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	3	1	-	9	-	5*	7	8	6	2	9+	5	4*	8	8	8	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	9	1	5*	7	8	7	2	9+	7	2*	9	9	8	5	9+	8	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	-	-	9+	5	6*	6	9	8	1	9+	8	-	9	9	8	5	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	6	-	1*	1	8	6	-	9+	7	5*	9	9	9	6	9+	9	-	8	9	8	6	9+	9	3				
4	-	-	-	-	-	5	-	-	-	3	-	-	9	1	5*	2	9	8	3*	9+	9	6	8	9+	9	6	9+	9+	-	9	9	8	7	9+	9	4				
5	-	-	-	-	-	9	-	-	-	6	1	-	9+	6	7	5	9	9	2*	9+	9	6	9	9+	9	6	9+	9+	7	9	9	7	8	9+	9	5				
6	-	-	1	-	-	9+	1	1	-	7	5	-	9+	8	6*	8	9+	9	2	9+	9+	8	9	9+	8	8	9+	9+	8	9	9	7*	8	9+	9	6				
7	-	-	7	-	-	9+	6	4	1	9	6	-	9+	8	6*	9	9+	9	5	9+	9+	8	9+	9+	8	9	9+	9+	9	9+	9	8*	9	9+	9	7				
8	-	-	8	-	-	9+	7	1	6	9	1	1	9+	9	9	9+	9+	9	8	9+	9+	8	9+	9+	8	9	9+	9+	9	9+	9	8*	9	9+	9	8				
9	-	1	8	-	-	9+	8	-	8	9	-	2	9+	9	9	9+	9+	8	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	7	9	9+	8	9				
10	-	7	7	-	1	9+	8	-	9	8	-	5	9+	9	8	9+	9+	7	9	9+	9+	9	9+	9	9	9	9+	9	9	9+	6*	9	9	9+	5	10				
11	-	8	5	2	4	9+	8	-	9	8	7	7	9+	9	8	9+	9	7	9	9+	9	9	9+	9	9	9	9+	7	9	9+	6*	9	9	9+	1*	11				
12	-	8	-	5	4	9+	8	-	9	7	8	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9	9	9	9+	3*	9	9+	5*	8	9	9	-	12				
13	-	8	-	8	6	9+	8	1	9	4	8	7	9+	9	8	9+	9	9	9	9+	9	9	9+	8	9	9	9+	5	9	9	5*	7	8	9	1*	13				
14	-	8	-	-	7	9+	8	4	9	-	8	7	9+	9	9	9+	8	9	9+	9+	9	9	9+	8	9	9	9+	9	9	9	3*	6*	8	9	7	14				
15	1	8	-	3	7	9+	6	6	9	-	8	8	9+	8	9	9+	7	9	9	9+	9	9	9+	8	9	9	9+	9	9	8	2*	6*	8	8	5	15				
16	-	8	-	4	5	9+	1	5	9	-	8	7	9+	7	9	9+	5	9	9	9+	9	9+	9+	8	9	9	9+	9	5	5	2*	4*	4	7	5	16				
17	-	6	-	2	1	9+	-	6	8	-	8	8	9+	5	9	9+	2	9	9	9+	8	8	9	7	9	9	9	9	-	2*	6	6	2*	5	7	17				
18	8	4	-	-	-	9	-	3	8	-	7	5	9+	1	8	9+	1*	9	9	9+	9	5	9	8	8*	8	9+	9	2*	5*	7	8	4*	3	8	18				
19	8	-	-	-	-	6	-	1	5	-	5	3	9	-	7	9	1*	9	8	9+	7	6*	9	7	9	9	9+	9	5*	5*	8	8	5*	9+	8	19				
20	7	-	-	-	-	-	-	-	3	-	-	1	8	-	4	9	1*	9	8	9+	4	7*	8	8	9	9	9+	8	6*	4*	8	8*	7	9	9	20				
21	5	-	-	-	-	-	-	-	-	-	-	-	3	-	1*	8	1	8	6	9+	1	7*	8	8	9	8	9+	8	6*	1	8	8*	8	9	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	6	2	9+	-	5*	8	7	8	8	9+	7	5*	8	8	7*	5	9	8	22				
23	-	-	-	1	-	-	-	-	-	-	5	-	-	-	-	2	1	2	-	9	-	4*	8	8	6	4	9+	4	5*	8	8	7	5	9+	7	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Mar., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	9	-	4*	6	8	6	3	9+	6	7*	8	8	7*	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	9+	1	5*	5	8	7	2*	9+	8	6*	8	9	8	6	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	2	-	9+	5	7*	6	9	8	4	9+	9	6*	8	9	8	5	9+	9	2				
3	-	-	-	-	-	-	-	-	-	1	-	-	7	-	2*	1	8	6	1*	9+	8	7*	9	9	9	6	9+	9	-	8	9	9	6	9+	9	3				
4	-	-	-	-	-	5	-	-	-	3	-	-	9	2	7*	2	9	8	2*	9+	9	5	8	9	9	6	9+	9+	2	9	9	8	7	9+	9+	4				
5	-	-	-	-	-	9	-	-	-	6	2	-	9+	6	8	5	9	9	2*	9+	9	6	9	9+	9	6	9+	9+	8	9	9+	8	8	9+	9+	5				
6	-	-	2	-	-	9+	2	2	-	8	5	-	9+	8	6	8	9+	9	1*	9+	9+	8*	9	9+	8*	7	9+	9+	8	9+	9	8	8	9+	9+	6				
7	-	-	8	-	-	9+	4	1	2	8	5	-	9+	8	8	9	9+	9	4	9+	9+	8*	9+	9+	7*	8	9+	9+	9	9+	9	8	9	9+	9	7				
8	-	-	8	-	-	9+	8	-	5	9	1	-	9+	9	8	9+	9+	9	7	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	7*	9	9+	9+	8				
9	-	1	8	-	-	9+	8	-	7	9	-	2	9+	9	8	9+	9+	8	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9	9				
10	-	7	8	1	-	9+	8	-	8	8	-	4	9+	9	8	9+	9+	7	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	6	9	9	9+	8	10				
11	-	8	6	2	1	9+	8	-	9	8	5	6	9+	9	7	9+	9+	7	9	9+	9+	8	9+	9	8	9	9+	9	9	9+	5*	9	9	9+	2	11				
12	-	8	1	-	2	9+	8	-	9	7	6	7	9+	9	8	9+	9	8	9	9+	9+	9	9+	9	9	9+	9+	8	9	9+	5	8	9	9+	-	12				
13	-	8	-	1	5	9+	8	-	9	5	4	7	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9+	9+	9	9	9	3	6	9	9	1	13				
14	-	8	-	9	7	9+	6	1	9	1	6	8	9+	9	9	9+	9	9	9	9+	9	9	9+	8	8	9	9+	9	9	9	2*	7*	8	8	8	14				
15	-	8	-	2	7	9+	4	5	9	-	7	8	9+	8	9	9+	8	9	9	9+	9	9	9+	6	9	9	9+	9	9	9	2*	7*	6	8	8	15				
16	-	8	-	3	5	9+	-	5	9	-	8	7	9+	7	9	9+	5	9	9	9+	9	9	9+	8	9	9	9	9	9	9	8	2*	5*	2	8	7	16			
17	-	7	-	6	2	9+	-	5	8	-	8	7	9+	4	9	9+	3	9	9	9+	9	9	9	8	9	9	9	9	8	5	7	7	1*	6	8	17				
18	-	5	-	2	-	9	-	4	8	-	8	6	9+	-	9	9+	2	9	9	9+	9	9	9	7	7	9	9+	9	-	5*	8	8	5*	9+	9	18				
19	9	-	-	-	-	8	-	2	7	-	6	2	9+	-	8	9	2*	9	9	9+	7	7*	9	7	9	9	9+	9	5*	5*	8	8	4*	9+	9	19				
20	8	-	-	-	-	2	-	-	4	-	2	-	8	-	8	9	2*	8	8	9+	4	8*	9	7	9*	9	9+	8	7*	4*	8	9*	8	9+	8	20				
21	-	-	-	-	-	-	-	-	1	-	-	-	5	-	4	8	2	7	6	9+	1*	7*	9	8	9	8	9+	7	7*	8	8	8*	9	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	1	6	3	9+	-	6*	8	8	8	8	9+	5	7*	9	8	8*	7	9+	7	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	-	9	-	4*	8	8	6	5	9+	4	6*	8	8	8*	7	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Apr., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	1	-	9+	1	6*	7	8	7	5	9+	7	8*	8	8	8	6	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	9+	3	7*	6	9	8	3	9+	8	8*	8	9	8	6	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	4	5	1*	-	8	4	1*	9+	6	7*	9	9	8	7	9+	9	7*	8	9	8	6	9+	9	2				
3	-	-	-	-	-	1	-	-	-	2	-	-	8	4	4*	1	9	7	1*	9+	8	8*	8	9	9	5*	9+	9	2*	8	9	9	6	9+	9	3				
4	-	-	-	-	-	7	-	-	-	5	-	-	9+	4	7*	2	9	9	2*	9+	9	7*	8	9+	9	6	9+	9+	5	9	9+	8	7	9+	9+	4				
5	-	-	1	-	-	9+	-	-	-	8	4	-	9+	7	7	5	9+	9	2*	9+	9	7*	9	9+	9	6	9+	9+	7	9	9+	8	8	9+	9+	5				
6	-	-	7	-	-	9+	5	-	-	8	5	-	9+	8	7	8	9+	9	2	9+	9+	9*	9	9+	8	8	9+	9+	8	9+	9	8	8	9+	9+	6				
7	-	-	8	-	-	9+	4	-	2	9	5	-	9+	8	8	9	9+	9	3	9+	9+	8*	9+	9+	8	8	9+	9+	8	9+	9	8*	9	9+	9+	7				
8	-	-	8	-	-	9+	7	-	4	9	2	-	9+	8	7	9+	9+	9	6	9+	9+	8	9+	9+	9	9	9+	9+	8	9+	9	8	9	9+	9+	8				
9	-	-	8	-	-	9+	8	-	7	9	-	1	9+	8	6	9+	9+	8	8	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9	9				
10	-	3	8	-	-	9+	8	-	8	8	-	3	9+	9	5	9+	9+	6	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	8	8	9	9+	9	10				
11	-	8	7	4	1	9+	8	-	9	8	-	6	9+	9	5	9+	9+	8	9	9+	9+	8	9+	9	8	9	9+	9+	9	9+	5*	8	9	9+	5	11				
12	-	8	2	7	2	9+	8	-	9	8	2	7	9+	9	4	9+	9	9	9	9+	9+	9	9+	9	8	9	9+	9	9	9	9	4*	8	9	9+	1	12			
13	-	8	-	9	5	9+	8	-	9	6	5	8	9+	9	8	9+	9	9	9	9+	9+	9	9+	8	8	9+	9+	9	9	9	3*	6*	9	9+	3	13				
14	-	8	-	9	7	9+	6	-	9	3	7	7	9+	9	8	9+	8	9	9	9+	9	9	9+	2	8	9+	9+	9	9	9	2*	6*	9	8	6	14				
15	-	8	-	2	6	9+	1	1	9	1	8	7	9+	8	8	9+	7	9	9	9+	9	9	9+	1*	9	9+	9+	9	9	9	1*	5*	8	8	4	15				
16	-	8	-	7	5	9+	-	5	9	-	8	7	9+	7	9	9+	6	9	9	9+	9	9	9	4	9	9	9	8	7	6	1*	2*	6	5	1	16				
17	-	7	-	7	4	9+	-	5	8	-	8	7	9+	4	9	9+	5	9	9	9+	9	8	8	8	6	8	9	9	2	1	4	5	1	1	5	17				
18	-	6	-	2	1	9+	-	4	8	-	8	7	9+	-	9	9+	3	9	9	9+	9	9	9	8	6	9	9+	9	3	6*	8	8	6*	9	9	18				
19	-	1	-	1	-	9	-	1	7	-	7	4	9+	-	8	9+	2	9	9	9+	6	9	9	8	8	9	9+	9	8*	5*	8	8	5*	9+	9	19				
20	-	-	-	-	-	5	-	-	5	-	5	1	9	-	8	9	2*	9	8	9+	4	8*	9	8	9*	9	9+	8	8*	5	9	9*	9	9+	8	20				
21	-	-	-	-	-	-	-	-	1	-	1	-	7	-	5	8	2	8	7	9+	2*	7*	9	7	9*	9	9+	7	8*	9	8	9*	9	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	7	2	5	4	9+	1*	5*	9	7	8*	8	9+	9	8*	9	9	8*	8	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	2	1	9	-	6*	8	8	7	6	9+	5	8*	9	8	8*	7	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

May, Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	1	-	9+	1	6*	8	9	8	5	9+	7	8*	9	9	8*	6	9	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1*	1	7	4	-	9+	4	6*	7	9	8	5	9+	8	8*	9	9	8*	6	9	9	1				
2	-	-	-	-	-	-	-	-	-	1	-	-	6	3	3*	-	8	6	1*	9+	7	8*	9	9	9	7	9+	9	6*	9	9	6	8	9+	9	2				
3	-	-	-	-	-	2	-	-	-	3	-	-	9	-	7*	1	9	8	2*	9+	8	8*	8	9	9	6	9+	9	2*	8	9	7	7	9+	9	3				
4	-	-	-	-	-	8	-	-	-	7	1	-	9+	3	8	3	9	9	2*	9+	9	8*	8	9+	9	7	9+	9+	1*	9	9+	8	7	9	9	4				
5	-	-	5	-	-	9+	1	-	-	8	5	-	9+	7	8	5	9	9	1*	9+	9+	9*	9	9+	9	7	9+	9+	1*	9	9	8	8	9+	9	5				
6	-	-	8	-	-	9+	4	-	-	8	5	-	9+	8	7	7	9+	9	1	9+	9+	8*	9	9+	8	8	9+	9+	1*	9	6	8	8	9+	9	6				
7	-	-	8	-	-	9+	6	-	1	9	5	-	9+	8	7	9	9+	9	4	9+	9+	6*	9+	9	9	8	9+	9+	2	9+	1*	7*	9	9	9	7				
8	-	-	8	-	-	9+	8	-	5	9	2	-	9+	9	5	9	9+	8	6	9+	9+	6	9+	7	9	9	9+	9+	3	9	-	6	9	8	8	8				
9	-	-	8	-	-	9+	8	-	7	9	1	-	9+	9	4	9+	9+	8	8	9+	9+	7	9+	7	9	9	9+	9+	4	9	5*	8	9	9	8	9				
10	-	6	8	-	-	9+	8	-	9	9	-	3	9+	9	4	9+	9	7	9	9+	9+	8	9+	4	9	9	9+	9+	4	9	4*	6	9	9+	6	10				
11	-	8	8	5	-	9+	8	-	9	8	1	6	9+	9	3	9+	9	8	9	9+	9+	8	9+	2	8	9	9+	9	6	9	2*	5*	9	9+	2	11				
12	-	9	5	7	1	9+	8	-	9	8	4	7	9+	9	4	9+	9	8	9	9+	9+	9	9+	3	6	9	9+	9	6	9	1*	5*	8	9	1	12				
13	-	9	1	9	2	9+	7	-	9	7	6	8	9+	9	6	9+	9	9	9	9+	9+	9	9+	1*	5	9+	9+	8	8	9	1*	4*	8	7	1	13				
14	-	8	-	9	6	9+	3	-	9	5	7	8	9+	8	8	9+	5	9	9+	9+	9+	9	9+	1*	4*	9+	9+	8	7	8	-	4*	7	4	-	14				
15	-	8	-	6	6	9+	-	1	9	2	8	8	9+	7	8	9+	-	9	9	9+	9	9	9	1*	4*	9	6	7	5	6	-	1*	5	-	-	15				
16	-	8	-	8	6	9+	-	2	9	-	8	8	9+	4	9	9+	4	8	9	9+	9	6	8	-	1*	7	1	5	-	-	-	-	-	-	-	16				
17	-	8	-	8	6	9+	-	4	9	-	9	7	9+	1	8	9	6	7	9	9	9	4	2*	7	5	2*	1*	8	-	-	-	1	-	-	-	17				
18	-	7	-	7	2	9+	-	4	8	-	8	7	9+	-	9	9	5	8	9	9+	8	7	5*	9	7	6*	9+	9	-	5*	8	7	5*	2	9	18				
19	-	2	-	1	-	9	-	-	8	-	8	5	9+	-	8	9+	4	9	9	9+	6	9	9	9	7	9+	9+	8	2	5*	8	8	5*	9	8	19				
20	-	-	-	-	-	7	-	-	6	-	6	1	9	-	8	9	9	9	8	9+	4	8*	9	8	9	9	9+	8	8*	4*	9	9	7	9+	8	20				
21	-	-	-	-	-	1	-	-	2	-	2	-	8	-	5	8	3	8*	7	9+	2*	8*	9	8	9*	9	9+	7	8*	8	8	9	8	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2*	8	4	6	5	9+	1*	7*	9	8	8*	8	9+	7	8*	9	8	9*	7	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1*	5	5	1	1	9+	-	6*	9	9	7*	6	9+	6	8*	8	8	9*	7	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Jun., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Jul., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Aug., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	1	-	9+	1	6*	8	8	7	4	9+	7	6*	8	9	8*	6	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1*	-	7	2	-	9+	4	7*	7	9	8	4	9+	8	3*	8	9	5*	6	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	6	-	3*	-	8	5	1*	9+	7	8*	9	9	8	8	9+	9	1*	8	9	2*	6	9+	9	2				
3	-	-	-	-	-	2	-	-	-	3	-	-	9	-	5*	1	8	8	2*	9+	8	8*	8	9	9	7	9+	9+	-	8	9	1	7	9+	9	3				
4	-	-	-	-	-	8	-	-	-	7	1	-	9+	5	6	4	9	9	2*	9+	9	5*	8	9+	9	7	9+	9+	-	9	9	7	6	9+	9	4				
5	-	-	2	-	-	9+	1	-	-	8	4	-	9+	7	7	5	9	9	2*	9+	9+	6*	9	9+	8*	7	9+	9+	-	9	8	8	8	9	9	5				
6	-	-	8	-	-	9+	4	-	-	9	5	-	9+	8	8	8	9+	9	1*	9+	9+	8*	9+	9+	8	8	9+	9+	1	9	2*	7*	8	7	9	6				
7	-	-	8	-	-	9+	6	-	2	9	5	-	9+	9	6	9	9+	9	4	9+	9+	6	9+	9	8	8	9+	9+	2	9	-	7*	8	7	8	7				
8	-	-	8	-	-	9+	8	-	6	9	2	-	9+	9	6	9+	9+	8	6	9+	9+	7	9+	8	9	8	9+	9+	3	9	-	7*	9	8	5	8				
9	-	1	8	-	-	9+	8	-	8	9	-	1	9+	9	5	9+	9+	8	9	9+	9+	8	9+	7	9	9	9+	9+	2	9	4*	6*	9	7	3	9				
10	-	7	8	-	-	9+	8	-	9	9	-	4	9+	9	4	9+	9+	6	9	9+	9+	8	9+	3	8	9	9+	9	2	9	2*	6	8	9	2	10				
11	-	8	7	-	-	9+	8	-	9	8	1	6	9+	9	4	9+	9	8	9	9+	9+	8	9+	2	8	9	9+	9	2	9	2*	5*	8	9	1	11				
12	-	8	4	-	2	9+	8	-	9	8	3	7	9+	9	5	9+	9	8	9	9+	9+	9	9+	2	6	9+	9+	8	1	8	1*	4*	8	7	-	12				
13	-	8	1	1	1	9+	8	-	9	6	6	8	9+	9	8	9+	9	9	9	9+	9+	9	9+	1	4	9	9+	7	2	8	-	2*	7	3	-	13				
14	-	9	-	3	6	9+	6	-	9	3	7	8	9+	8	8	9+	6	9	9	9+	9	9	9	1*	3	9	8	6	5	7	-	1*	5	-	-	14				
15	-	9	-	6	7	9+	-	1	9	-	8	8	9+	7	8	9+	1	9	9	9+	9	8	9	1*	4	9	6	1	3	4	-	-	3	-	-	15				
16	-	8	-	7	5	9+	-	4	9	-	8	8	9+	5	9	9	2	8	9	9+	9	6	6	-	1	6	1	2	-	-	-	-	-	-	-	16				
17	-	8	-	8	5	9+	-	3	9	-	8	7	9+	3	8	9	4	7	8	9	8	2	1*	3	2	-	1	4	-	-	-	-	-	-	-	17				
18	-	6	-	3	1	9+	-	3	8	-	8	7	9+	-	9	9	4	8	9	9+	8	8	5*	7	7*	5*	9+	9	1	1*	5	6	1*	-	5	18				
19	-	4	-	1	-	9	-	-	7	-	8	4	9+	-	8	9	3	9	9	9+	7	9	8	8	7	8	9+	8	-	4*	8	7	6*	3	8	19				
20	-	-	-	-	-	5	-	-	5	-	5	1	9	-	7	9	2	9	8	9+	3	8	9	8	9	9	9+	8	7*	2*	8	8	4*	9+	7	20				
21	-	-	-	-	-	-	-	-	1	-	1	-	7	-	4	8	2	8	7	9+	1	8*	8	8	9*	8	9+	6	8*	2	8	8	6	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	7	2	5	4	9+	-	6*	9	8	8*	7	9+	8	8*	7	9	9	4*	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	1	1	9	-	6*	8	8	7	5	9+	6	8*	8	9	8*	6	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Sep., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Oct., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	9	-	5*	6	9	7	3	9+	7	6*	9	9	8	6	9+	9	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	-	9+	1	6*	5	9	8	2	9+	8	6*	8	9	8	6	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	-	8	2	-	9+	6	7*	8	9	8	7	9+	9	4*	8	9	8	6	9+	9	2				
3	-	-	-	-	-	-	-	-	-	1	-	-	8	-	4*	1	9	8	1*	9+	8	7*	9	9	9	5	9+	9	-	9	9	9	7	9+	9	3				
4	-	-	-	-	-	6	-	-	-	4	-	-	9+	4	7*	3	9	9	2*	9+	9	5	8	9+	9	5	9+	9+	7	9	9	8	7	9+	9+	4				
5	-	-	1	-	-	9	-	-	-	7	2	-	9+	6	7	6	9+	9	2*	9+	9+	7	9	9+	9	6	9+	9+	8	9	9	8	8	9+	9+	5				
6	-	-	4	-	-	9+	2	2	-	8	5	-	9+	8	7	8	9+	9	2	9+	9+	8*	9+	9+	8*	8	9+	9+	9	9+	9	8*	8	9+	9+	6				
7	-	-	8	-	-	9+	5	1	2	9	6	-	9+	8	8	9	9+	9	5	9+	9+	8	9+	9+	8	8	9+	9+	9	9+	9	8*	9	9+	9+	7				
8	-	-	8	-	-	9+	8	1	6	9	1	1	9+	9	8	9+	9+	9	8	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	7*	9	9+	9+	8				
9	-	2	8	-	-	9+	8	-	8	9	-	2	9+	9	8	9+	9+	8	9	9+	9+	8	9+	9+	9	9	9+	9+	9	9+	9	9	9	9+	9	9				
10	-	7	7	-	1	9+	8	-	9	8	6	5	9+	9	8	9+	9+	6	9	9+	9+	9	9+	9	9	9	9+	9+	9	9+	6*	9	9	9+	8	10				
11	-	8	4	4	2	9+	8	-	9	8	7	6	9+	9	8	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	9	9	9+	6*	9	9	9+	2*	11				
12	-	8	1	7	3	9+	8	-	9	6	8	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9	9	9	9+	4*	9	9+	5	8	9	9+	2*	12				
13	-	8	-	9	6	9+	8	1	9	4	8	8	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9	9+	9	9	9	4*	8	9	9	5	13				
14	-	8	-	9	7	9+	8	2	9	1	8	8	9+	9	9	9+	9	9	9	9+	9	9	9+	8	9	9	9+	9	9	9	2*	7	8	9	8	14				
15	-	8	-	3	7	9+	4	4	9	-	8	8	9+	8	9	9+	7	9	9	9+	9	9	9+	8	9	9	9+	9	9	8	2*	6*	4	8	7	15				
16	-	7	-	4	5	9+	-	5	9	-	8	8	9+	7	9	9+	5	9	9	9+	9	9	9+	8	9	9	9	9	8	7	4	6	3	8	7	16				
17	-	6	-	2	1	9+	-	4	8	-	8	8	9+	3	9	9+	3	9	9	9+	9	9	9	8	9	9	9+	9	7	5	8	8	4*	6	8	17				
18	-	5	-	-	-	9	-	3	8	-	7	5	9+	-	9	9+	1*	9	9	9+	8	9	9	7	9	9	9+	9	4	7	8	8	4*	9+	9	18				
19	9	-	-	-	-	6	-	1	6	-	5	2	9	-	8	9	1*	9	9	9+	7	8	9	7	9*	9	9+	9	7*	8	8	9*	6	9+	9	19				
20	8	-	-	-	-	-	-	-	2	-	1	-	8	-	7	9	1*	9	8	9+	2	7*	9	8	9	9	9+	8	7*	4	8	9*	9	9+	9	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	8	2	8	6	9+	1*	6*	9	8	9	8	9+	8	6*	9	8	8*	8	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	2	6	2	9+	-	5*	9	8	8	8	9+	8	7*	9	8	8*	5	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	9	-	5*	8	8	7	4	9+	5	7*	9	8	8*	8	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Nov., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	9	-	5*	7	8	6	3	9+	6	5*	9	8	8	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	9+	1	5*	7	9	7	2	9+	8	3*	9	9	8	5	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	1	-	9+	5	6*	5	9	8	3	9+	9	-	8	9	8	6	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	6	-	1	1	8	5	-	9+	8	3*	9	9	9	5	9+	9	-	8	9	8	6	9+	9	3				
4	-	-	-	-	-	5	-	-	-	2	-	-	9	2	5*	3	9	8	2*	9+	9	7	8	9+	9	6	9+	9+	-	9	9	8	8	9+	9	4				
5	-	-	-	-	-	9	-	-	-	6	1	-	9+	6	8	7	9	9	2*	9+	9	7	9	9+	9	6	9+	9+	8	9	9	8	8	9+	9	5				
6	-	-	1	-	-	9+	1	1	-	8	5	-	9+	8	5	9	9+	9	3	9+	9+	8	9+	9+	8*	8	9+	9+	9	9	9	8	9	9+	9	6				
7	-	-	6	-	-	9+	5	5	2	8	6	-	9+	8	6	9	9+	9	5	9+	9+	9	9+	9+	8	9	9+	9+	9	9+	9	8	9	9+	9+	7				
8	-	-	7	-	-	9+	7	2	7	9	2	1	9+	9	8	9+	9+	9	8	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	9	8	9	9+	9	8				
9	-	3	8	-	-	9+	8	1	8	9	-	3	9+	9	9	9+	9+	8	9	9+	9+	9	9+	9+	9	9	9+	9+	9	9+	9	9	9	9+	8	9				
10	-	8	6	-	1	9+	8	-	9	8	-	7	9+	9	8	9+	9+	7	9	9+	9+	9	9+	9	9	9	9+	9	9	9+	6*	9	9	9+	3	10				
11	-	8	2	2	2	9+	8	-	9	8	-	7	9+	9	8	9+	9+	7	9	9+	9+	9	9+	9	9	9	9+	6	9	9+	6*	9	9	9	2*	11				
12	-	8	-	6	6	9+	8	1	9	6	8	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9	9	9	9+	4*	9	9+	8	8	9	9	2*	12				
13	-	8	-	8	5	9+	8	3	9	4	8	8	9+	9	9	9+	9	9	9	9+	9	9	9+	9	9	9	9+	9	9	9+	8	8	9	9	3*	13				
14	-	8	-	-	7	9+	8	6	9	-	8	8	9+	9	9	9+	9	9	9	9+	9	9	9+	9	9	9	9+	9	9	9	5	8	9	9	8	14				
15	1	8	-	-	6	9+	6	5	9	-	7	8	9+	8	9	9+	7	9	9	9+	9	9	9+	9	9	9+	9+	9	8	9	5	8	9	9	8	15				
16	1	7	-	2	2	9+	2	5	9	-	7	7	9+	7	9	9+	5	9	9	9+	9	9	9+	8	9	9+	9+	9+	4	8	8	8	8	9	8	16				
17	-	5	-	1	1	9+	-	5	8	-	7	6	9+	5	9	9+	2	9	9	9+	9	8	9+	8	9	9	9+	9	-	8	8	8	8	8	9	17				
18	-	1	-	-	-	9	-	2	7	-	6	5	9+	1	8	9+	2	9	9	9+	9	6*	9+	7	9	9	9+	9	1*	8	8	8	5	9+	9	18				
19	-	-	-	-	-	4	-	1	5	-	1	2	9	-	8	9	1*	9	8	9+	6	6*	9+	8	9	9	9+	9	4*	8	7	9*	8	9+	9	19				
20	7	-	-	-	-	-	-	-	1	-	-	-	7	-	6	9	1*	8	8	9+	2	6*	9	8	9	9	9+	8	5*	6	7	9*	8	9	9	20				
21	5	-	-	-	-	-	-	-	1	-	-	-	2	-	2	8	-	8	5	9+	-	6*	9	8	8*	8	9+	8	5*	9	8	8*	8	9	8	21				
22	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	5	1	9+	-	4*	9	8	8	7	9+	5	6*	9	8	7	4	9	8	22				
23	-	-	-	1	-	-	-	-	-	-	6	-	-	-	-	2	1	2	-	9	-	4*	8	8	7	3	9+	5	7*	8	8	7	8	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Dec., Kermadec Islands, for SSN = Very High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	2	-	-	9	-	4*	7	8	6	4	9+	6	5*	9	8	6*	5	9	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	9+	1	5*	7	9	7	1	9+	7	3*	8	8	6*	6	9+	8	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	-	-	9+	5	6*	6	9	8	3	9+	9	-	8	8	7	6	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	7	3	-	9+	8	1*	9	9	8	7	9+	9	-	8	9	6	7	9	9	3				
4	-	-	-	-	-	3	-	-	-	1	-	-	9	2	2*	4	8	8	2*	9+	9	6	8	9	9	6	9+	9	-	9	9	5	8	9+	9	4				
5	-	-	-	-	-	9	-	1	-	5	1	-	9+	5	8	8	9	8	4	9+	9	8	9	9	9	7*	9+	9	5	9	9	5	9	9	9	5				
6	-	-	-	-	-	9+	3	2	-	7	5	-	9+	7	7	9	9	9	4	9+	9+	9	9	9+	8*	8	9+	9+	8	9	9	7*	9	9	9	6				
7	-	-	1	-	-	9+	5	6	4	8	6	-	9+	8	8	9	9+	9	7	9+	9+	9	9+	9+	8*	9	9+	9+	9	9	9	9*	9	9	8	7				
8	-	-	6	-	-	9+	7	6	7	8	6	3	9+	9	8	9+	9+	9	8	9+	9+	9	9+	9+	7*	9	9+	9+	9	9	9	9*	9	9	9	8				
9	-	4	7	-	-	9+	8	3	8	9	4	4	9+	9	9	9+	9+	9	9	9+	9+	9	9+	9+	9	9	9+	9+	9	9	9	8	7	9	9	9				
10	-	8	4	-	2	9+	8	1	9	8	5	6	9+	9	9	9+	9+	8	9	9+	9+	9	9+	9	9	9+	9+	9+	9	9	6*	9	9	8	5	10				
11	-	8	2	2	6	9+	8	1	9	8	7	7	9+	9	8	9+	9	7	9	9+	9+	9	9+	9	9	9	9+	7	9	9	5*	8	9	8	1*	11				
12	-	8	-	5	6	9+	8	3	9	7	8	8	9+	9	9	9+	9	8	9	9+	9	9	9+	9	9	9	9+	4*	9	9	7	9	9	8	1*	12				
13	-	8	-	8	6	9+	8	4	9	4	8	8	9+	9	9	9+	9	9	9	9+	9	9	9+	9	9	9	9+	5	9	9	4	9	9	8	2*	13				
14	1	8	-	-	6	9+	8	5	9	-	8	8	9+	9	9	9+	8	9	9	9+	9	9	9+	9	9	9	9+	9	9	9	9	4*	9	9	8	7	14			
15	-	8	-	1	5	9+	7	6	9	-	7	8	9+	8	9	9+	7	9	9	9+	9	9+	9+	8	9	9	9+	9	7	8	2*	7	8	8	6	15				
16	-	7	-	-	2	9+	2	6	8	-	8	7	9+	8	9	9+	4	9	9	9+	9	9	9+	8	9	9	9+	9	-	8	4	5	7	8	6	16				
17	-	5	-	-	-	9+	-	6	8	-	7	5	9+	5	9	9+	2	9	9	9+	8	5	9+	7	9	9	9+	9	-	5	7	8	6	7	7	17				
18	-	1	-	-	-	8	-	2	6	-	5	4	9+	1	8	9+	1	9	9	9+	9	5*	9	7	9	9	9+	9	2*	5	7	8	4*	4	8	18				
19	-	-	-	-	-	2	-	-	4	-	-	1	9	-	7	9	1*	9	8	9+	8	6*	9	8	9	9	9+	9	4*	6	8	6	6	7	8	19				
20	6	-	-	-	-	-	-	-	1	-	-	-	6	-	6	8	1*	8	6	9+	5	6*	9	9	8*	9	9+	8	4*	5	8	8*	7	8	9	20				
21	4	-	-	-	-	-	-	-	-	-	-	-	2	-	2	7	1	6	5	9+	1	5*	9	8	8	8	9+	9	4*	6	8	8*	8	9	8	21				
22	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	5	2	9+	-	5*	9	8	8	7	9+	6	5*	9	7	7*	5	9	8	22				
23	-	-	-	1	-	-	-	-	-	-	4	-	-	-	-	2	2	1	-	9	-	4*	8	7	6	6	9+	5	6*	8	7	6*	2	9	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Jan., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Feb., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	4	3	-	9+	1	5*	8	8	7	5	9+	7	-	8	8	8	6	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	2	-	9+	3	5*	7	8	7	3	9+	8	-	8	9	8	6	9+	8	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	7	3	-	9+	6	6*	8	9	8	5	9+	9	-	9	9	8	6	9+	9	2				
3	-	-	-	-	-	-	6	-	-	-	-	-	8	-	2*	2	9	5	-	9+	8	2*	8	9	9	5	9+	9	-	8	9	7	7	9+	9	3				
4	-	-	-	-	-	7	8	-	-	3	-	-	9+	3	5*	2	9	8	2*	9+	9	4	8	9	9	5	9+	9+	-	9	9	5	7	9+	9	4				
5	-	-	-	-	-	9	-	-	-	6	2	-	9+	6	6	6	9+	9	2*	9+	9	7	9	9+	8	7	9+	9	3	9	9	7	8	9+	9	5				
6	-	-	1	-	-	9+	2	3	-	8	6	-	9+	8	6*	8	9+	9	3	9+	9	8	9	9+	8	8	9+	9	8	9	9	6*	9	9+	9	6				
7	-	-	8	-	-	9+	6	4	1	9	6	-	9+	8	6	9	9+	8	6	9+	9+	8	9+	9+	8	9	9+	9+	9	9	7	7	9	9	9	7				
8	-	-	8	-	-	9+	8	1	6	9	1	1	9+	9	8	9+	9+	9	8	9+	9+	8	9+	9+	8	9	9+	9+	9	9	8	7*	9	9	8	8				
9	-	2	8	-	-	9+	8	-	8	9	-	3	9+	9	8	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	9	9	9	5	6*	9	9	5	9				
10	-	7	7	-	1	9+	9	-	9	8	-	5	9+	9	8	9+	9+	8	9	9+	9+	9	9+	8	9	9	9+	9	9	9	9	6*	8	9	9	-	10			
11	-	8	6	-	2	9+	8	-	9	8	-	7	9+	9	8	9+	9+	7	9	9+	9	9	9+	7	9	9	9+	7	9	9	5*	9	8	8	-	11				
12	-	8	-	7	5	9+	8	1	9	7	-	8	9+	9	8	9+	9	8	9	9+	9	9	9+	8	9	9	9+	4*	9	9	5*	5	7	9	-	12				
13	-	8	-	8	6	9+	8	1	9	5	4	8	9+	9	8	9+	9	9	9	9+	8	9	9+	8	8	9	9+	5	9	9	4*	5*	5	9	-	13				
14	-	9	-	9	7	9+	8	5	9	1	6	8	9+	9	9	9+	9	9	9	9+	9	9	9+	8	9	9	9+	9	9	7	2*	5*	4	8	5	14				
15	-	8	-	4	7	9+	6	5	9	-	7	8	9+	8	9	9+	7	9	9	9+	9	9	9	6	8	9	9	9	8	7	2*	4*	4	8	5	15				
16	-	8	-	4	5	9+	3	6	9	-	8	8	9+	7	8	9+	6	9	9	9+	9	9	9	7	8	9	9	8	3	5	2	4*	2	6	4	16				
17	-	7	-	6	1	9+	-	6	8	-	8	7	9+	6	9	9+	4	9	9	9+	8	6	9	8	7	8	9	9	-	3	5	6	-	4	6	17				
18	-	5	-	1	-	9+	-	5	8	-	7	6	9+	1	8	9	3	9	9	9+	9	5*	8	7	8*	6	9+	9	-	4*	8	8	2*	1	8	18				
19	-	-	-	-	-	8	-	1	6	-	5	4	9+	-	7	9	2	9	9	9+	8	7*	8	7	7	8	9+	9	3*	4*	7	7	-	9	8	19				
20	7	-	-	-	-	2	-	-	4	-	1	1	9	-	4	9	2*	9	7	9+	5	7*	7	8	8*	9	9+	8	5*	2*	8	7*	5	9	9	20				
21	5	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	8	3	8	6	9+	2	6*	8	9	8*	8	9+	8	5*	-	7	8*	7	9	9	21				
22	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	6	4	6	4	9+	-	6*	9	9	7*	7	9+	8	2*	8	8	6	5	9	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	5	1	9+	-	6*	8	8	7*	6	9+	5	2*	7	8	6	1	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Mar., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-	9+	1	5*	8	8	7	5	9+	7	5*	8	8	6*	7	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	2	-	9+	3	6*	7	8	7	4	9+	8	5*	8	9	7	6	9+	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1*	1	7	3	-	9+	5	6*	8	9	8	5	9+	9	2*	8	9	8	6	9+	9	2				
3	-	-	-	-	-	1	6	-	-	1	-	-	8	-	2*	1	9	7	2*	9+	8	6*	8	9	9	4	9+	9	-	8	9	8	7	9+	9	3				
4	-	-	-	-	-	7	8	-	-	5	-	-	9+	4	6*	4	9	8	2*	9+	9	5	8	9+	9	5	9+	9+	1	9	9	7	7	9+	9	4				
5	-	-	-	-	-	9	-	-	-	7	2	-	9+	6	7*	5	9	9	2*	9+	9	6	9	9+	8	6	9+	9+	5	9	9	7	7	9+	9	5				
6	-	-	6	-	-	9+	2	2	-	8	5	-	9+	8	6*	8	9+	9	1	9+	9+	7	9	9+	8*	8	9+	9+	6	9	9	7*	8	9+	9	6				
7	-	-	8	-	-	9+	5	-	1	9	6	-	9+	8	7	9	9+	9	4	9+	9+	8*	9+	9+	8	8	9+	9+	8	9	9	7*	9	9+	9	7				
8	-	-	8	-	-	9+	8	-	4	9	1	1	9+	9	8	9+	9+	9	8	9+	9+	8	9+	9+	8	9	9+	9+	8	9	8	7*	9	9	9	8				
9	-	1	8	-	-	9+	8	-	8	9	1	2	9+	9	8	9+	9+	8	9	9+	9+	9	9+	9+	9	9	9+	9+	8	9	8	6	9	9+	8	9				
10	-	7	8	-	-	9+	8	-	8	8	-	5	9+	9	8	9+	9+	7	9	9+	9+	8	9+	9	9	9	9+	9+	8	9	5*	8	9	9+	2	10				
11	-	8	6	4	2	9+	8	-	9	8	-	6	9+	9	8	9+	9	8	9	9+	9+	9	9+	6	8	9	9+	8	8	9	5*	9	8	9+	2	11				
12	-	8	1	7	5	9+	8	-	9	7	1	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9	8	9	9+	6	8	9	5	7	8	8	-	12				
13	-	8	-	9	6	9+	8	1	9	5	4	7	9+	9	8	9+	9	9	9	9+	9	9	9+	9	8	9	9+	8	8	8	4	6*	8	8	2	13				
14	-	9	-	9	7	9+	8	1	9	2	6	7	9+	9	8	9+	9	9	9	9+	9	9	9+	7	8	9	9	9	8	8	2*	6*	5	4	3	14				
15	-	8	-	6	7	9+	6	5	9	-	8	8	9+	8	9	9+	7	9	9	9+	9	9	9+	2	8	9	9	8	8	7	1*	4*	-	6	3	15				
16	-	8	-	7	5	9+	-	5	9	-	8	7	9+	7	9	9+	6	9	9	9+	9	9	9	6	7	9	9	8	7	5	1*	2*	3	5	1	16				
17	-	7	-	7	2	9+	-	6	8	-	8	8	9+	5	9	9+	4	9	9	9+	9	9	9	8	6	9	9	9	4	2	6	6	3	1	7	17				
18	-	5	-	2	-	9+	-	5	8	-	8	6	9+	1	9	9	3	9	9	9+	9	8	8	8	7*	8	9+	9	-	5*	8	8	5*	4	9	18				
19	-	1	-	-	-	8	-	2	7	-	7	3	9+	-	8	9	1*	9	9	9+	8	7*	9	8	8	8	9+	9	2*	5*	8	7	4*	9+	9	19				
20	8	-	-	-	-	3	-	-	5	-	5	1	9	-	7	9	1*	9	8	9+	5	8*	8	8	9	9	9+	8	7*	3	8	8	7	9	8	20				
21	6	-	-	-	-	-	-	-	1	-	-	-	6	-	3	8	2	7	7	9+	1	7*	9	8	8*	8	9+	7	7*	3	8	8	8	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	7	2	5	2	9+	-	6*	9	8	7*	8	9+	7	6*	9	8	8	5	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	2	1	9+	-	5*	8	8	7	7	9+	6	5*	8	8	8*	8	9+	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Apr., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

May, Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1*	2	6	2	1	9+	2	6*	8	9	7	5	9+	8	3*	8	9	7*	7	9	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2*	1	7	5	1*	9+	4	7*	9	9	8	5	9+	9	4*	8	9	2	6	9+	9	1				
2	-	-	-	-	-	-	-	-	-	1	-	-	8	-	4*	1	8	7	1*	9+	7	7*	8	9	8	5	9+	9	2*	8	9	1	8	9+	9	2				
3	-	-	-	-	-	5	-	-	-	4	-	-	9	-	6*	1	9	8	2*	9+	8	7*	9	9	9	6	9+	9	-	9	9	1	7	9+	9	3				
4	-	-	1	-	-	9	-	-	-	7	1	-	9+	3	8	4	9	9	3*	9+	9	6*	8	9+	8	6	9+	9+	-	9	9	7	8	9+	9	4				
5	-	-	6	-	-	9+	1	-	-	8	5	-	9+	7	7	6	9	9	1*	9+	9+	7	9	9+	8*	7	9+	9+	-	9	8	8	8	9+	9	5				
6	-	-	8	-	-	9+	5	-	-	9	6	-	9+	8	8	8	9+	9	2	9+	9+	8*	9	9	8	8	9+	9+	-	9	3	7*	9	9	8	6				
7	-	-	8	-	-	9+	6	-	1	9	5	-	9+	9	8	9	9+	9	4	9+	9+	7	9	8	8	8	9+	9+	1	9	-	7*	9	8	6	7				
8	-	-	8	-	-	9+	8	-	5	9	2	-	9+	9	5	9	9+	8	7	9+	9+	7	9+	5	9	8	9+	9	1	9	-	7*	8	6	4	8				
9	-	1	8	-	-	9+	8	-	8	9	1	1	9+	9	5	9+	9	8	9	9+	9+	7	9+	3*	9	9	9+	9	4	9	3*	6	8	6	4	9				
10	-	7	8	-	-	9+	8	-	9	9	-	4	9+	9	5	9+	9	6	9	9+	9+	8	9+	3*	8	9	9+	9	4	9	2*	5*	8	8	1	10				
11	-	8	8	-	-	9+	8	-	9	8	1	6	9+	9	4	9+	9	7	9	9+	9+	8	9+	2*	6	9	9+	8	4	8	1*	4*	6	6	-	11				
12	-	9	6	-	1	9+	8	-	9	8	4	7	9+	9	5	9+	9	8	9	9+	9+	9	9	1*	5	9	9+	8	6	7	-	3*	5	3	2	12				
13	-	9	2	1	2	9+	7	-	9	8	6	8	9+	8	7	9+	8	8	9	9+	9	8	9	1*	4	9	9+	8	4	6	-	2*	4	1	1	13				
14	-	9	-	3	5	9+	4	-	9	5	8	8	9+	8	8	9+	5	9	9	9+	9	8	9	1*	4*	9	8	8	4	5	-	1*	3	-	-	14				
15	-	8	-	-	7	9+	-	1	9	2	8	8	9+	8	8	9+	-	9	9	9+	9	8	9	-	2*	9	5	4	1	1	-	-	1	-	-	15				
16	-	8	-	-	6	9+	-	2	9	-	9	8	9+	5	8	9	4	8	9	9+	8	3	4	-	1*	4	-	-	-	-	-	-	-	-	-	16				
17	-	8	-	8	5	9+	-	5	9	-	9	8	9+	3	7	8	6	7	8	9	8	-	1*	6	4	1*	1*	5	-	-	-	-	-	-	-	17				
18	-	7	-	8	2	9+	-	5	8	-	8	7	9+	-	8	9	6	7	9	9+	8	5	5*	8	7	5*	9+	9	-	4*	7	6	3*	-	8	18				
19	-	5	-	2	-	9	-	1	8	-	8	5	9+	-	8	9	6	9	9	9+	7	9	9	8	8	9	9+	8	-	3	8	6*	5*	2*	8	19				
20	-	-	-	-	-	8	-	-	6	-	7	3	9	-	8	9	8	9	8	9+	4	8	9	8	9	9	9+	8	6*	1*	8	8	6	9	8	20				
21	-	-	-	-	-	2	-	-	3	-	4	-	8	-	5*	8	5	8*	8	9+	2	8*	8	8	9*	9	9+	7	8*	5	8	8	6	9+	8	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2*	8	5	5*	5	9+	1*	7*	9	9	8*	8	9+	8	7*	7	9	8*	5	9+	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2*	6	5	2*	2	9+	1	6*	9	9	8*	6	9+	7	5*	8	9	8*	7	9	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Jun., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Jul., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Aug., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Sep., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Oct., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Nov., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	-	9+	1	5*	8	8	7	5	9+	6	1*	8	8	6*	5	9+	8	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	6	1	-	9+	4	6*	7	9	8	2	9+	7	1*	9	9	8	7	9+	9	1				
2	-	-	-	-	-	-	4	-	-	-	-	-	3	-	-	1	8	2	-	9+	7	6*	8	9	8	4	9+	9	-	9	9	8	6	9+	9	2				
3	-	-	-	-	-	1	6	-	-	-	-	-	8	-	2*	2	8	5	-	9+	8	2*	8	9	9	6	9+	9	-	9	9	8	7	9+	9	3				
4	-	-	-	-	-	7	-	-	-	3	-	-	9+	3	5*	5	9	8	1*	9+	9	6	9	9	9	5	9+	9+	-	9	9	6	8	9+	9	4				
5	-	-	-	-	-	9	-	1	-	6	1	-	9+	6	6	7	9	9	3*	9+	9+	7	9	9+	8	7	9+	9+	6	9	9	6	8	9+	9	5				
6	-	-	2	-	-	9+	3	4	-	8	6	-	9+	8	6*	9	9+	9	4	9+	9+	8	9+	9+	8*	8	9+	9+	8	9	9	7*	9	9+	9	6				
7	-	-	7	-	-	9+	6	5	2	8	6	-	9+	8	6	9	9+	9	6	9+	9+	9	9+	9+	8	9	9+	9+	9	9	9	7*	9	9+	9	7				
8	-	1	7	-	-	9+	8	4	7	9	4	1	9+	9	8	9+	9+	9	8	9+	9+	9	9+	9+	8	9	9+	9+	9	9	9	8*	8	9+	7	8				
9	-	3	8	-	-	9+	8	1	8	9	-	4	9+	9	8	9+	9+	9	9	9+	9+	9	9+	9+	9	9	9+	9	9	9	5	7	8	9+	2	9				
10	-	8	7	1	2	9+	9	-	9	9	-	5	9+	9	8	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	8	9	9	6*	9	9	9	-	10				
11	-	8	5	-	4	9+	8	1	9	8	-	7	9+	9	8	9+	9	8	9	9+	9	9	9+	9	9	9	9+	5	9	9	5*	9	9	9	1*	11				
12	-	8	-	7	5	9+	8	1	9	7	-	7	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9	9+	4*	9	9	8	8	8	8	1*	12				
13	-	8	-	9	7	9+	8	4	9	4	7	8	9+	9	8	9+	9	9	9	9+	9	9	9+	9	9	9	9+	8	9	9	8	7	8	9	3	13				
14	-	8	-	9	7	9+	8	5	9	1	6	8	9+	9	9	9+	8	9	9	9+	9	9	9+	8	9	9	9+	9	9	8	3*	6	7	9	5	14				
15	1	8	-	1	7	9+	6	5	9	-	7	8	9+	8	8	9+	7	9	9	9+	9	9	9+	8	9	9	9+	9	5	8	4	5	5	8	7	15				
16	-	8	-	3	3	9+	2	5	9	-	8	8	9+	8	8	9+	5	9	9	9+	9	8	9	8	9	9	9+	9	-	6	7	7	3	8	8	16				
17	-	6	-	2	1	9+	-	6	8	-	8	7	9+	5	9	9+	4	9	9	9+	9	4	9	8	9	9	9+	9	-	6	8	8	4*	7	8	17				
18	-	2	-	-	-	9	-	3	8	-	6	5	9+	1	8	9	2	9	9	9+	9	5*	9	8	9	9	9+	9	-	6	8	8	2	6	9	18				
19	-	-	-	-	-	6	-	1	5	-	4	2	9	-	6	9	2	9	8	9+	8	7*	9	8	8*	9	9+	9	2*	6	8	7*	6	9	9	19				
20	-	-	-	-	-	1	-	-	2	-	-	-	8	-	5	8	2	8	7	9+	4	7*	9	8	8*	9	9+	8	2*	2	8	8*	7	9	9	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	8	2	8	5	9+	2	6*	9	8	8*	8	9+	8	2*	7	8	7	6	9	9	21				
22	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	7	3	6	3	9+	1	6*	9	8	8	7	9+	8	4*	9	8	7	4	9	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	5	-	9+	-	5*	8	9	7	4	9+	6	3*	8	8	5	2	9	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Dec., Kermadec Islands, for SSN = High, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	2	-	9+	1	5*	8	8	6	5	9+	7	1*	9	8	5*	6	9+	9	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	2	-	9+	3	5*	8	9	7	4	9+	8	-	8	9	5	6	9+	8	1				
2	-	-	-	-	-	-	3	-	-	-	-	-	2	-	-	1	7	2	-	9+	6	4*	9	9	8	5	9+	9	-	8	9	4	7	9+	9	2				
3	-	-	-	-	-	-	-	-	-	-	-	-	7	-	1*	2	8	4	-	9+	8	-	9	9	8	5	9+	9	-	9	9	2	7	9+	9	3				
4	-	-	-	-	-	5	-	-	-	1	-	-	9	2	2	5	9	8	3*	9+	9	1	8	9	8	5	9+	9	-	9	9	5	8	9	9	4				
5	-	-	-	-	-	9	-	1	-	5	-	-	9+	6	5	7	9	8	2	9+	9	8	9	9+	8	7	9+	9	-	9	9	7	9	9	9	5				
6	-	-	-	-	-	9+	1	2	-	7	6	-	9+	8	7	9	9	9	5	9+	9	9	9	9+	8	8	9+	9+	5	9	8	7*	9	9	8	6				
7	-	-	5	-	-	9+	6	6	2	8	6	-	9+	8	8	9	9+	8	7	9+	9+	9	9+	9+	8	9	9+	9+	8	9	9	7*	8	9	9	7				
8	-	1	7	-	-	9+	8	7	7	8	6	1	9+	9	8	9+	9+	9	8	9+	9+	9	9+	9+	8	9	9+	9+	9	9	8	8*	8	9	8	8				
9	-	5	8	-	1	9+	8	4	8	9	1	5	9+	9	9	9+	9+	9	9	9+	9+	9	9+	9	9	9	9+	9+	9	9	3*	6*	9	9	5	9				
10	-	8	7	-	3	9+	9	1	9	8	-	7	9+	9	9	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	9	8	9	5*	8	8	8	-	10				
11	-	8	5	-	2	9+	8	1	9	8	-	8	9+	9	8	9+	9	7	9	9+	9	9	9+	9	9	9	9+	7	9	9	6*	9	8	8	1*	11				
12	-	8	-	-	7	9+	8	4	9	7	-	8	9+	9	9	9+	9	8	9	9+	8	9	9+	9	9	9+	5*	9	9	9	7	7	8	8	3*	12				
13	-	8	-	-	7	9+	8	5	9	5	3	8	9+	9	9	9+	9	9	9	9+	9	9	9+	9	9	9	9+	4	9	9	5	8	8	7	1*	13				
14	3	9	-	9	7	9+	8	6	9	-	6	8	9+	9	9	9+	8	9	9	9+	9	9	9+	9	9	9	9+	9	8	8	4	6	8	6	5	14				
15	4	8	-	1	7	9+	7	6	9	-	7	8	9+	9	9	9+	7	9	9	9+	9	9	9+	9	8	9	9	9+	9	3	7	5	6	7	5	5	15			
16	1	7	-	1	2	9+	2	7	8	-	8	7	9+	8	9	9+	5	9	9	9+	9	6	9	8	9	9	9+	8	-	5	6	5	5	5	6	16				
17	-	6	-	1	1	9+	-	6	8	-	7	7	9+	5	9	9	3	9	9	9+	8	3*	9	8	9	9	9+	9	-	6	7	8	4	6	7	17				
18	-	1	-	-	-	9	-	3	7	-	6	4	9+	1	6	9	3	9	8	9+	8	6*	9	8	9	9	9+	9	1*	5	8	7	3	5	8	18				
19	-	-	-	-	-	5	-	1	5	-	1	2	9	-	6	9	2	9	8	9+	8	7*	8	8	8*	9	9+	9	4*	4	8	5	7	7	8	19				
20	-	-	-	-	-	-	-	-	1	-	-	-	8	-	5	8	2	8	6	9+	5	5*	9	9	8*	9	9+	9	3*	4	8	6*	6	8	8	20				
21	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	7	2	7	4	9+	2	5*	8	8	8	8	9+	8	3*	2	8	6	7	9	9	21				
22	-	-	-	4	-	-	-	-	-	-	-	-	1	-	-	5	2	6	4	9+	-	6*	8	8	7*	6	9+	8	4*	8	9	5*	4	9	8	22				
23	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	2	4	1	9+	-	5*	8	8	6*	4	9+	6	3*	8	8	4*	-	9	8	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Jan., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Feb., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Apr., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	3	6	2	1	9+	2	6*	9	9	7	4	9+	8	1*	8	9	5*	5	9+	8	0
1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2*	2	7	4	-	9+	5	6*	8	9	8	6	9+	9	-	9	9	5	8	9+	9	1
2	-	-	-	-	-	-	-	-	-	1	-	-	7	-	4*	2	8	6	1*	9+	7	5*	9	9	8	5	9+	9	-	9	9	5	8	9+	9	2
3	-	-	-	-	-	4	7	-	-	4	-	-	9	-	7*	2	9	8	2*	9+	9	2	9	9	9	5	9+	9	-	8	9	2	8	9+	9	3
4	-	-	-	-	-	9	8	-	-	6	1	-	9+	2	8	4	9	9	2*	9+	9	5	9	9+	8	6	9+	9+	-	9	9	5	8	9+	9	4
5	-	-	2	-	-	9+	9	-	-	8	5	-	9+	7	8	6	9	9	3*	9+	9	6	9	9+	8	7	9+	9+	-	9	8	6	8	9+	7	5
6	-	-	7	-	-	9+	4	1	-	8	5	-	9+	8	6*	8	9+	8	2	9+	9+	7	9+	9	8*	8	9+	9+	1	9	6	7	9	9	8	6
7	-	-	8	-	-	9+	7	-	1	9	6	-	9+	9	7	9	9+	9	5	9+	9+	8	9	9	7	8	9+	9+	3	9	2	6*	8	8	7	7
8	-	-	9	-	-	9+	8	-	5	9	4	-	9+	9	7	9	9+	9	8	9+	9+	8	9+	9	7	9	9+	9	4	9	-	7*	8	6	5	8
9	-	1	9	-	-	9+	8	-	8	9	1	1	9+	9	8	9+	9+	8	8	9+	9+	8	9+	7	9	9	9+	9	6	9	2*	6*	8	7	1	9
10	-	7	8	-	-	9+	8	-	9	9	-	5	9+	9	8	9+	9+	7	9	9+	9+	9	9+	7	9	9	9+	8	6	7	2*	5	8	8	-	10
11	-	8	7	-	1	9+	8	-	9	8	1	6	9+	9	8	9+	9	8	9	9+	9+	8	9	4	8	9	9+	6	4	6	1*	4*	7	5	-	11
12	-	8	5	-	3	9+	8	-	9	8	3	7	9+	9	8	9+	9	8	9	9+	9	9	9	5	6	9	9+	6	5	4	1*	2*	5	2	-	12
13	-	9	-	-	6	9+	8	-	9	7	5	7	9+	9	8	9+	9	9	9	9+	9	8	9	3	5	9	9	8	4	2	-	1*	4	-	1	13
14	-	9	-	1	7	9+	7	-	9	4	7	7	9+	8	8	9+	8	9	9	9+	9	8	9	1*	5*	9	8	6	4	2	-	1*	3	-	-	14
15	-	8	-	2	7	9+	2	4	9	1	8	8	9+	8	9	9+	5	9	9	9+	9	8	8	1*	5	9	7	2	2	1	-	-	2	-	-	15
16	-	8	-	-	7	9+	-	6	9	-	8	8	9+	6	9	9+	6	9	9	9+	9	6	6	-	4	7	4	1	-	-	-	-	-	-	-	16
17	-	8	-	8	5	9+	-	5	9	-	9	8	9+	5	8	9	6	8	9	9+	9	1	2*	8	5	2*	1*	8	-	-	-	1	-	-	-	17
18	-	7	-	7	2	9+	-	5	8	-	8	7	9+	1	9	9	6	8	9	9+	9	2	4*	8	6	2*	9+	9	-	4*	8	6	5*	-	8	18
19	-	4	-	1	-	9	-	2	8	-	8	5	9+	-	9	9	8	9	9	9+	8	7*	7	8	7	7	9+	9	-	2*	8	6*	1	9	9	19
20	-	-	-	-	-	7	-	1	6	-	6	2	9	-	8	9	9	9	9	9+	5	8*	6	8	8	9	9+	8	5*	-	8	8	2	9	8	20
21	-	-	-	-	-	1	-	-	2	-	1	-	8	-	5	8	4	8	7	9+	4	7*	9	8	9*	8	9+	8	4*	1	8	8	5	9	8	21
22	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2*	8	4	7	5	9+	1	6*	9	9	8*	7	9+	8	1*	8	9	8	1	9	8	22
23	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	6	5	5	2	9+	1	6*	9	8	7*	5	9+	7	1*	8	9	6*	4	9+	9	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Sep., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Oct., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4	6	1	-	9+	2	3*	8	9	8	6	9+	8	-	8	9	5	7	8	8	0
1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1*	3	7	3	-	9+	5	3*	8	9	8	6	9+	9	-	8	9	5	8	9	9	1
2	-	-	-	-	-	-	-	-	-	-	-	-	7	-	2*	1	8	5	-	9+	7	4*	8	9	9	5	9+	9	-	9	9	5	8	9	9	2
3	-	-	-	-	-	4	-	-	-	2	-	-	9	1	6*	3	9	8	1*	9+	8	1*	9	9	9	5	9+	9	-	9	9	6	7	9	9	3
4	-	-	-	-	-	8	8	-	-	6	-	-	9+	4	8	5	9	9	2	9+	9	6	9	9+	9	6	9+	9+	-	9	9	6	8	9+	9	4
5	-	-	1	-	-	9+	9	1	-	7	5	-	9+	7	6	8	9	9	3*	9+	9	7	9	9+	7	8	9+	9+	2	9	9	6	8	9+	8	5
6	-	-	6	-	-	9+	9	4	1	8	6	-	9+	8	8*	9	9+	8	4	9+	9+	8	9+	9+	8*	8	9+	9+	7	9	8	7*	8	9	7	6
7	-	-	8	-	-	9+	9	4	4	9	6	-	9+	9	7	9	9+	8	6	9+	9+	8	9+	9	7	9	9+	9+	8	9	7	6	9	8	7	7
8	-	1	8	-	-	9+	8	-	7	9	4	1	9+	9	8	9+	9+	9	8	9+	9+	8	9+	9+	7*	9	9+	9	8	9	6	7*	8	8	3	8
9	-	4	8	-	-	9+	9	-	8	9	1	3	9+	9	8	9+	9+	8	9	9+	9+	9	9+	9	9	9	9+	9	8	8	5*	5	8	9	-	9
10	-	8	7	-	1	9+	9	-	9	8	-	6	9+	9	8	9+	9	7	9	9+	9+	9	9+	5*	9	9	9+	7	8	7	6*	8	8	9	-	10
11	-	8	6	-	3	9+	8	-	9	8	-	7	9+	9	8	9+	9	8	9	9+	9	9	9+	5*	8	9	9+	4	8	7	5*	7	8	6	-	11
12	-	8	1	8	5	9+	8	1	9	7	3	8	9+	9	8	9+	9	8	9	9+	9	9	9+	8	8	9	9+	2	8	7	4*	5	5	5	-	12
13	-	8	-	9	7	9+	8	1	9	5	5	8	9+	9	8	9+	9	9	9	9+	9	9	9+	6	8	9	9	8	8	6	2*	3*	2	4	2	13
14	-	9	-	3	7	9+	8	4	9	2	7	8	9+	9	9	9+	8	9	9	9+	9	9	9	2*	8	9	9	8	7	5	1*	2*	-	2	3	14
15	-	8	-	-	7	9+	6	5	9	-	8	8	9+	8	9	9+	7	9	9	9+	9	9	9	2*	7	8	8	6	5	2	-	1*	-	1	-	15
16	-	8	-	7	5	9+	1	5	9	-	8	8	9+	7	9	9+	6	9	9	9+	9	8	8	6	6	6	5	8	1	-	-	1	-	-	-	16
17	-	7	-	7	2	9+	-	5	9	-	8	7	9+	5	9	9	5	8	9	9+	9	8	6	8	7	6	5	9	-	1*	5	5	-	-	7	17
18	-	5	-	1	1	9+	-	4	8	-	8	6	9+	1	9	9	4	9	9	9+	9	4*	6	8	7*	6	9+	9	-	3*	8	7	-	2	8	18
19	-	1	-	-	-	8	-	2	7	-	6	4	9+	-	8	9	3	9	8	9+	7	7*	8	8	8*	8	9+	9	1*	2	8	7*	3	9	8	19
20	-	-	-	-	-	4	-	-	5	-	4	1	9	-	5	8	3	9	8	9+	5	7*	4	8	8*	8	9+	8	1*	-	8	7*	3	9	9	20
21	-	-	-	-	-	-	-	-	1	-	-	-	7	-	2	8	3	7	6	9+	1	7*	9	8	8*	7	9+	8	3*	3	8	5	2	7	8	21
22	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1*	7	3	6	3	9+	1	6*	8	9	8*	4	9+	8	1*	8	8	6	-	6	9	22
23	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	5	5	2	1	9+	1	5*	8	9	7*	6	9+	7	-	9	8	5	4	8	9	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Nov., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	5	3	-	9+	2	4*	8	9	7	6	9+	8	-	9	9	6	7	9	9	0
1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3	7	4	-	9+	5	3*	8	9	8	6	9+	8	-	8	9	6	7	9	9	1
2	-	-	-	-	-	-	-	-	-	-	-	-	6	-	1*	2	8	4	-	9+	6	3*	8	9	8	5	9+	9	-	8	9	6	7	9	9	2
3	-	-	-	-	-	2	-	-	-	-	-	-	9	-	3*	2	9	6	-	9+	8	-	8	9	8	5	9+	9	-	8	9	4	7	9+	9	3
4	-	-	-	-	-	8	-	-	-	4	-	-	9+	4	2*	5	9	8	2*	9+	9	3	9	9+	8	6	9+	9+	-	9	9	2	8	9+	9	4
5	-	-	-	-	-	9+	-	1	-	6	1	-	9+	6	5	8	9	9	3*	9+	9	7	9	9+	8	7	9+	9+	1	9	9	8	8	9+	8	5
6	-	-	2	-	-	9+	2	4	1	8	7	-	9+	8	7*	9	9+	8	5	9+	9+	8	9+	9+	8	8	9+	9+	6	9	9	7*	9	9	5	6
7	-	-	7	-	-	9+	9	6	5	9	6	-	9+	9	6	9	9+	6	7	9+	9+	9	9+	9+	8*	9	9+	9	8	9	7	7*	9	9	3	7
8	-	1	8	-	-	9+	9	4	7	9	5	2	9+	9	7	9+	9+	9	8	9+	9+	9	9+	9	8	9	9+	9	8	9	4	8*	8	9	-	8
9	-	6	8	-	-	9+	9	1	8	9	1	4	9+	9	8	9+	9+	9	9	9+	9+	9	9+	8	9	9	9+	7	9	9	3*	6*	9	9	-	9
10	-	8	7	-	2	9+	9	1	9	9	-	7	9+	9	8	9+	9	8	9	9+	9	9	9+	8	9	9	9+	2*	9	8	6*	8	8	9	-	10
11	-	8	6	-	5	9+	9	1	9	8	-	8	9+	9	8	9+	9	8	9	9+	9	8	9+	8	9	9	9+	2*	9	8	5*	8	6	6	-	11
12	-	8	1	-	7	9+	8	2	9	7	-	8	9+	9	8	9+	9	9	9	9+	9	9	9+	9	8	9	9+	4*	9	7	6	7	6	7	-	12
13	-	8	-	-	7	9+	8	4	9	5	5	8	9+	9	8	9+	9	9	9	9+	8	9	9+	9	8	9	9+	8	8	8	5	4	5	7	1	13
14	1	8	-	9	7	9+	8	5	9	1	7	8	9+	9	8	9+	9	9	9	9+	9	9	9	8	9	9	9	8	5	6	2*	3*	3	5	2	14
15	1	8	-	-	7	9+	7	6	9	-	7	8	9+	8	9	9+	8	9	9	9+	9	9	9	7	8	9	9	9	-	4	1*	3	2	3	2	15
16	-	8	-	6	5	9+	4	6	9	-	8	8	9+	8	9	9+	5	9	9	9+	9	4	9	8	8	8	8	9	-	2	5	6	-	1	5	16
17	-	7	-	2	1	9+	-	5	8	-	8	7	9+	5	8	9+	4	9	9	9+	9	2*	9	8	7	8	9	9	-	5	7	8	-	2	8	17
18	-	4	-	-	1	9+	-	5	8	-	7	6	9+	1	7	9	3	9	9	9+	9	5*	8	8	7*	8	9+	9	-	2	8	6*	3	1	8	18
19	-	-	-	-	-	8	-	1	6	-	5	3	9+	-	4*	9	3	9	8	9+	8	7*	7	8	8*	8	9+	9	1*	1*	8	6*	4	6	8	19
20	-	-	-	-	-	2	-	-	2	-	1	1	9	-	3	9	2*	8	7	9+	6	7*	3	8	8*	7	9+	9	1*	-	8	6*	1	6	8	20
21	-	-	-	-	-	-	-	-	-	-	-	-	7	-	1*	8	4	7	5	9+	2	6*	8	9	9	6	9+	8	2*	1	8	6	1	6	9	21
22	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1*	6	4	6	4	9+	1	5*	9	9	8*	4	9+	7	1*	8	8	7	-	7	8	22
23	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	4	5	1	9+	1	5*	8	8	7*	7	9+	7	-	8	9	4*	-	8	8	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Dec., Kermadec Islands, for SSN = Medium, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Mar., Kermadec Islands, for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

80 Meters								40 Meters								20 Meters								15 Meters								10 Meters								UTC
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC				
0	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	4	6	-	1	9+	1	1*	8	8	8	4	9+	8	-	8	9	5	-	8	9	0				
1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1*	1	7	4	-	9+	4	1*	8	9	8	5	9+	9	-	8	9	5	2	6	9	1				
2	-	-	-	-	-	-	-	-	-	-	-	-	7	-	3*	2	8	5	-	9+	7	1*	8	9	8	5	9+	9	-	9	9	6	8	9	9	2				
3	-	-	-	-	-	4	-	-	-	2	-	-	9	-	5*	2	9	8	1*	9+	8	-	8	9	9	5	9+	9	-	8	9	4	8	9+	9	3				
4	-	-	-	-	-	8	-	-	-	6	-	-	9+	2	7	4	9	9	3*	9+	9	-	9	9+	8	6	9+	9	-	9	8	1	8	9+	7	4				
5	-	-	1	-	-	9+	1	1	-	7	5	-	9+	6	6	6	9	9	2*	9+	9	5	9	9+	8	7	9+	9	-	9	8	7	8	9+	3	5				
6	-	-	7	-	-	9+	3	2	-	9	6	-	9+	8	7*	8	9+	6	2	9+	9+	7	9+	9	8	8	9+	9	-	9	6	6*	8	9	1	6				
7	-	-	8	-	-	9+	7	3	2	9	6	-	9+	8	7*	9	9+	6	5	9+	9+	8	9+	9	8	9	9+	9	1	9	2	5	8	9	2	7				
8	-	-	9	-	-	9+	8	-	5	9	5	1	9+	9	6	9	9+	9	8	9+	9+	8	9	8	7*	9	9+	9	1	8	-	6*	7	6	-	8				
9	-	2	9	-	-	9+	8	-	8	9	1	3	9+	9	7	9+	9+	8	9	9+	9+	8	9	8	7	9	9+	8	4	8	-	5*	6	6	-	9				
10	-	7	8	-	1	9+	8	-	9	9	-	5	9+	9	8	9+	9	8	9	9+	9+	8	9	5*	9	9	9+	5	4	6	2*	4*	4	6	-	10				
11	-	8	7	-	3	9+	8	-	9	8	-	7	9+	9	8	9+	9	8	9	9+	9	8	9	4*	8	9	9+	2	4	1	2*	3*	2	3	-	11				
12	-	8	1	-	6	9+	8	-	9	8	2	8	9+	9	8	9+	9	8	9	9+	9	8	9	7	6	9	9	1	4	1	1*	2*	2	-	-	12				
13	-	8	-	-	7	9+	8	1	9	5	5	8	9+	9	8	9+	9	8	9	9+	8	9	8	6	5*	9	8	5	3	1	1*	1*	1	-	-	13				
14	-	9	-	1	7	9+	8	4	9	3	6	8	9+	9	9	9+	8	9	9	9+	9	9	8	1*	5*	7	7	6	2	-	-	-	-	-	-	14				
15	-	9	-	2	7	9+	7	6	9	1	7	8	9+	8	8	9+	5	9	9	9+	8	8	8	1*	4	6	6	1	2	-	-	-	-	-	-	15				
16	1	8	-	7	6	9+	3	6	9	-	8	8	9+	8	8	9+	6	9	9	9	8	7	7	1	4*	6	5	1	-	-	-	-	-	-	-	16				
17	1	8	-	8	4	9+	-	6	9	-	9	7	9+	5	9	9	5	8	9	9+	8	4	2	7	6	5	1	8	-	-	-	1	-	-	1	17				
18	-	6	-	3	1	9+	-	6	8	-	8	7	9+	2	9	9	4	8	9	9+	9	1*	4*	8	7*	2	9	9	-	2*	7	6*	-	-	8	18				
19	-	2	-	1	-	9	-	3	8	-	7	5	9+	-	7	9	3	9	9	9+	8	6*	3*	8	7	3	9+	9	-	-	8	6*	-	6	8	19				
20	-	-	-	-	-	6	-	1	6	-	5	1	9	-	4*	9	2*	9	8	9+	8	8*	2	8	8*	8	9+	9	1*	-	8	5	-	4	8	20				
21	-	-	-	-	-	1	-	-	2	-	1	-	8	-	3*	8	5	8	7	9+	3*	7*	8	8	8*	6	9+	8	-	-	8	5	1	5	9	21				
22	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	7	5	6	5	9+	1	5*	8	9	8*	2	9+	8	-	5	8	4	-	5	8	22				
23	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	6	5	4	2	9+	1	2*	9	8	7*	5	9+	8	-	7	9	4	-	5	9	23				

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Nov., Kermadec Islands, for SSN = Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1*	2	6	2	1	9+	3	1*	8	9	7	5	9+	8	-	9	9	5	4	8	9	0
1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1*	2	8	4	-	9+	5	1*	9	9	8	5	9+	8	-	9	9	5	8	9	9	1
2	-	-	-	-	-	-	-	-	-	-	-	-	7	-	1*	2	8	5	-	9+	7	2*	8	9	8	4	9+	9	-	9	9	3	8	9	8	2
3	-	-	-	-	-	4	-	-	-	-	-	-	9	-	3*	3	9	7	-	9+	8	-	8	9	8	5	9+	9	-	9	9	1	8	9+	7	3
4	-	-	-	-	-	8	-	-	-	5	-	-	9+	4	7	5	9	8	4*	9+	9	-	9	9+	8	6	9+	9	-	9	9	1	8	9+	2	4
5	-	-	-	-	-	9+	-	1	-	7	2	-	9+	7	4	8	9	8	3	9+	9	7	9	9+	8	7	9+	9	-	9	8	7	8	9+	-	5
6	-	-	5	-	-	9+	3	4	1	8	7	-	9+	8	7*	9	9+	8	6	9+	9+	8	9+	9	8	8	9+	9	1	9	4	6	9	8	-	6
7	-	-	8	-	-	9+	7	5	5	9	6	1	9+	9	7	9	9+	6	7	9+	9+	9*	9+	9	8	9	9+	8	5	8	2	6	9	9	-	7
8	-	1	8	-	-	9+	8	4	7	9	5	2	9+	9	8	9+	9+	9	8	9+	9+	9	9+	8	8	9	9+	4	5	8	-	7*	9	8	-	8
9	-	6	8	-	1	9+	9	1	8	9	1	4	9+	9	8	9+	9+	9	9	9+	9	9	9+	6	9	9	9+	1	7	8	1*	5*	8	8	-	9
10	-	8	8	-	3	9+	9	1	9	9	-	7	9+	9	8	9+	9	8	9	9+	9	9	9	7	9	9	9+	-	7	8	5*	5	6	7	-	10
11	-	8	6	-	5	9+	9	1	9	8	-	8	9+	9	8	9+	9	8	9	9+	8	9	9+	6*	9	9	9+	5*	7	8	5*	7	5	3	-	11
12	-	9	1	-	7	9+	8	4	9	7	1	8	9+	9	8	9+	9	9	9	9+	8	9	9+	8	8	9	9	3*	6	4	4	4	4	5	-	12
13	-	9	-	-	7	9+	8	6	9	5	5	8	9+	9	8	9+	9	9	9	9+	8	9	9	8	8	9	9	7	2	6	2	3*	2	5	-	13
14	1	9	-	-	8	9+	8	6	9	2	7	8	9+	9	8	9+	9	9	9	9+	9	9	9	6	8	9	9	8	1	4	1*	1*	1	2	1	14
15	4	8	-	-	7	9+	7	6	9	-	7	8	9+	8	9	9+	8	9	9	9+	9	6	9	5	8	8	7	8	-	-	-	1	-	-	-	15
16	1	8	-	6	5	9+	4	5	9	-	8	8	9+	8	9	9+	7	9	9	9+	9	-	8	8	8	7	8	9	-	-	2	3	-	1	1	16
17	-	7	-	2	2	9+	-	7	8	-	8	7	9+	6	8	9	5	9	9	9+	9	1*	8	8	8	4	9	9	-	1	5	4*	-	-	7	17
18	-	5	-	1	1	9+	-	5	8	-	7	6	9+	2	5*	9	5	9	9	9+	9	5*	6	8	8*	6	9+	9	-	-	8	5*	-	-	8	18
19	-	1	-	-	-	8	-	2	6	-	5	4	9+	-	3*	9	4	9	8	9+	8	8*	4	9	8*	6	9+	9	-	-	8	6*	-	3	8	19
20	-	-	-	-	-	4	-	-	3	-	1	1	9	-	4*	8	3	8	7	9+	6	7*	1	9	8*	5	9+	9	-	-	8	6*	-	4	9	20
21	-	-	-	-	-	-	-	-	-	-	-	-	8	-	2*	8	4	7	5	9+	4	6*	9	9	8*	2	9+	8	-	-	8	5*	-	7	8	21
22	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	7	4	6	4	9+	2	4*	9	9	8*	1	9+	8	-	7	8	5	-	7	9	22
23	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1*	6	5	4	2	9+	1	2*	8	8	7*	6	9+	7	-	8	9	2	-	7	9	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

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Mar., Kermadec Islands, for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters								
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC	
0	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1*	5	7	3	2	9+	2	-	8	9	8	5	9+	8	-	4	9	1	-	5	9	0	
1	-	-	-	-	-	-	-	-	-	-	-	-	5	-	2*	4	7	5	-	9+	5	-	8	9	8	6	9+	9	-	6	9	1	-	4	9	1	
2	-	-	-	-	-	-	-	-	-	-	-	-	8	-	3*	3	9	6	-	9+	7	-	8	9	8	5	9+	9	-	9	8	3	6	9	9	2	
3	-	-	-	-	-	5	-	-	-	3	-	-	9	-	4*	4	9	8	1*	9+	9	-	9	9	8	6	9+	9	-	9	8	1	8	9	7	3	
4	-	-	-	-	-	9	-	-	-	6	-	-	9+	2	6	5	9	9	2*	9+	9	-	9	9	6	7	9+	9	-	9	5	-	8	9+	-	4	
5	-	-	1	-	-	9+	1	1	-	7	4	-	9+	7	5	7	9	8	2*	9+	9	1	9	9	7	7	9+	8	-	9	6	4	6	9+	-	5	
6	-	-	7	-	-	9+	4	2	-	8	6	-	9+	8	5	8	9+	6	3	9+	9+	6	9+	9	7	8	9+	7	-	9	2	4	6	9	-	6	
7	-	-	8	-	-	9+	8	4	2	9	6	-	9+	9	7*	9	9+	5	6	9+	9+	8	9+	8	6*	9	9+	7	-	8	-	4	7	8	-	7	
8	-	-	9	-	-	9+	8	1	5	9	5	1	9+	9	5	9	9	8	8	9+	9+	8	9	5	7*	9	9+	4	-	8	-	5*	5	3	-	8	
9	-	3	9	-	-	9+	9	-	8	9	1	3	9+	9	7	9+	9	9	9	9+	9	8	9	4*	6*	9	9+	1	1	5	-	3*	3	4	-	9	
10	-	8	8	-	1	9+	9	-	9	9	-	6	9+	9	8	9+	9	8	9	9+	9	8	9	5*	8	8	9+	-	1	4	1*	2*	1	2	-	10	
11	-	8	8	-	4	9+	9	-	9	9	-	7	9+	9	8	9+	7	7	9	9+	8	8	8	4*	7	7	9+	-	1	-	-	2*	-	-	-	11	
12	-	9	4	-	6	9+	8	1	9	8	2	8	9+	9	8	9+	9	7	9	9+	8	8	7	5	5	7	7	-	1	-	-	-	-	-	-	12	
13	-	9	-	-	7	9+	8	1	9	6	5	8	9+	9	8	9+	9	8	9	9+	8	8	7	3	3*	7	5	3	-	-	-	-	-	-	-	-	13
14	-	9	-	2	8	9+	8	4	9	3	8	8	9+	9	8	9+	6	8	9	9+	8	8	7	1*	2*	2	4	1	1	-	-	-	-	-	-	-	14
15	-	9	-	2	8	9+	7	6	9	1	8	8	9+	8	8	9+	2	9	9	9	7	7	6	1*	2*	3	4	-	-	-	-	-	-	-	-	-	15
16	2	8	-	9	7	9+	4	6	9	-	9	8	9+	8	8	9	6	8	9	9	6	4	4	-	1*	3	2	-	-	-	-	-	-	-	-	-	16
17	1	8	-	8	5	9+	-	6	9	-	9	7	9+	6	8	9	6	8	9	9	8	-	1*	7	4	1*	-	7	-	-	-	-	-	-	-	-	17
18	-	7	-	7	2	9+	-	7	8	-	8	7	9+	2	9	9	6	6	8	9+	9	-	4*	7	6	-	6	9	-	-	4	2*	-	-	6	18	
19	-	4	-	1	-	9	-	4	8	-	7	5	9+	-	6*	9	8	7	9	9+	8	4*	2*	8	7	1	9+	8	-	-	6	4*	-	2	8	19	
20	-	-	-	-	-	7	-	1	6	-	6	2	9+	-	5*	8	8	9	8	9+	8	7*	1*	8	8	5	9+	8	-	-	8	3*	-	-	9	20	
21	-	-	-	-	-	2	-	-	2	-	1	-	9	-	4*	8	6	8	6	9+	3	3*	5	9	7	3	9+	8	-	-	9	2	-	1	9	21	
22	-	-	-	-	-	-	-	-	-	-	-	-	6	-	1*	7	6	6	5	9+	1	-	8	8	7	-	9+	8	-	1	8	1	-	-	9	22	
23	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1*	6	6	4	2	9+	1	-	9	9	7	-	9+	8	-	3	9	1	-	1	9	23	
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA		

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Jun., Kermadec Islands, for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	7	-	5*	6	8	5	3	9+	5	1*	9	8	3	7	9	9	-	3	-	-	1	1	5	0
1	-	-	-	-	-	1	-	-	-	2	-	-	8	-	6*	7	8	6	2	9+	6	-	8	9	1	8	8	9	-	1	-	-	2	-	5	1
2	-	-	-	-	-	5	-	-	-	5	1	-	9	-	6*	6	9	7	1*	9+	8	-	8	9	-	8	9	9	-	4	-	-	1	-	8	2
3	-	-	1	-	-	9	-	-	-	7	1	-	9+	3	8	6	9	7	7	9+	9	-	9	8	3	8	9	9	-	5	-	-	3	1	8	3
4	-	-	5	-	-	9+	-	1*	-	8	6	-	9+	5	6	6	9	7	8	9+	9	-	8	5	6	7	9+	9	-	5	-	1	3	5	7	4
5	-	-	8	1	-	9+	4	-	-	8	6	-	9+	8	8*	8	9	8	3	9+	9+	1	9	3	7	7	9+	9	-	4	-	-	2	1	3	5
6	-	-	8	-	-	9+	6	-	-	9	6	-	9+	9	7	8	9	8	4	9+	9+	3	9	-	4	7	8	8	-	5	-	-	-	-	1	6
7	-	-	9	-	-	9+	8	-	3	9	5	-	9+	9	8	9	7	8	6	9+	9	5	8	-	4*	6	5	8	-	1	-	-	-	-	1	7
8	-	-	9	-	-	9+	9	-	6	9	5	-	9+	9	8	9	7	6	7	9	9	2	2	-	-	1	-	3	-	-	-	-	-	-	8	
9	-	3	9	-	-	9+	9	-	8	9	1	2	9+	9	6	7	6	4	4	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	9	
10	-	7	9	-	-	9+	9	-	9	9	1	4	9+	9	6	7	5	3	4	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
11	-	8	8	-	1	9+	8	-	9	9	4	6	9+	9	4	7	5	2	7	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	11	
12	-	8	7	1	2	9+	8	-	9	8	6	8	9+	9	2	8	6	2	7	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
13	-	9	5	4	5	9+	7	-	9	8	8	8	9+	8	2	8	8	3	5	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
14	-	9	3	7	6	9+	4	-	9	7	8	8	9+	8	4	8	4	5	7	8	7	-	-	-	-	-	-	-	-	-	-	-	-	-	14	
15	-	9	-	8	7	9+	-	1	9	5	9	8	9+	7	5	9	1	7	8	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
16	-	9	-	9	7	9+	-	1	9	3	9	8	9+	6	2	9	3	8	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
17	-	9	-	9	6	9+	-	3	9	1	9	8	9+	3	-	7	6	7	6	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-	17	
18	-	8	-	8	5	9+	-	3	9	-	9	8	9+	1	4	6	7	8	5	9	8	-	-	1	2	-	-	5	-	-	-	-	-	-	18	
19	-	7	-	8	2	9+	-	2	8	-	8	7	9+	-	9	8	8	8	9	9+	8	-	1	6	7	1*	9	8	-	-	-	1	-	-	-	19
20	-	2	-	2	-	9	-	-	7	-	8	4	9+	-	7	9	8	9	8	9+	7	7	-	7	7*	5*	8	9	-	-	-	2	-	-	2	20
21	-	-	-	-	-	7	-	-	6	-	6	1	9	-	6	6	8	9*	7	9+	6	1	2	8	7	5*	9	8	-	-	3*	2	-	-	2	21
22	-	-	-	-	-	1	-	-	1	-	1	-	8	-	6*	8	8	6*	6	9+	4	4*	7	8	8	1*	9+	8	-	-	-	-	-	6	22	
23	-	-	-	-	-	-	-	-	-	-	-	-	7	-	4*	8	8	6	2	9+	4	1*	9	8	5	7	9	8	-	5	-	-	-	3	6	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

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Sep., Kermadec Islands, for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	5	8	5	2	9+	4	-	9	8	6	6	9	9	-	2	2*	-	-	2	8	0
1	-	-	-	-	-	-	-	-	-	-	-	-	8	-	1*	5	8	6	1	9+	6	-	9	8	5	7	9	9	-	2	-	-	-	1	8	1
2	-	-	-	-	-	3	-	-	-	2	-	-	9	-	1*	6	8	7	1	9+	8	-	8	9	1	8	9+	9	-	7	-	-	2	7	8	2
3	-	-	-	-	-	8	-	-	-	5	-	-	9+	2	1	4	9	8	1*	9+	9	-	8	8	2	7	9+	9	-	7	-	-	1	6	8	3
4	-	-	1	-	-	9	-	-	-	7	1	-	9+	6	6	7	9	8	8	9+	9	-	9	7	6	7	9+	9	-	6	-	-	-	6	-	4
5	-	-	6	-	-	9+	2	1	-	8	6	-	9+	8	5	8	9	7	3*	9+	9	1	9	7	6*	7	9+	5	-	7	-	3*	1	6	-	5
6	-	-	8	-	-	9+	5	3	1	9	6	-	9+	8	7*	9	9	6	5	9+	9	4	9	4	6*	8	9+	4	-	5	-	2*	-	7	-	6
7	-	-	9	-	-	9+	8	-	5	9	6	-	9+	9	6	9	9	5	7	9+	9	6	9	2	7*	8	9+	1	-	5	-	5*	1	-	-	7
8	-	1	9	-	-	9+	8	-	8	9	5	2	9+	9	6	9	9	8	8	9+	8	6	9	1	7*	9	9	-	-	3	-	5*	4	-	-	8
9	-	5	9	-	-	9+	9	-	8	9	2	5	9+	9	7	9+	9	8	9	9+	8	7	9	4*	6*	9	9	-	-	1	-	3*	2	1	-	9
10	-	7	8	-	1	9+	8	-	9	9	-	7	9+	9	8	9+	5	7	9	9+	7	7	8	2*	5	8	8	-	-	-	-	1*	1	-	-	10
11	-	8	7	-	2	9+	8	-	9	8	2	8	9+	9	8	9	7	5	9	9+	7	7	2	1*	3*	7	3	-	-	-	-	-	-	-	-	11
12	-	9	5	-	5	9+	9	1	9	8	5	8	9+	9	8	9	8	5	9	9	8	4	1	-	1*	4	-	-	-	-	-	-	-	-	-	12
13	-	9	1	2	6	9+	8	1	9	6	7	8	9+	9	8	9	6	6	9	9	7	1	1	-	-	1	-	-	-	-	-	-	-	-	-	13
14	-	9	-	5	7	9+	8	4	9	4	8	8	9+	9	8	9	-	7	9	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	14
15	-	9	-	8	8	9+	6	7	9	1	9	8	9+	8	7	9	-	7	8	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
16	-	9	-	8	7	9+	1	6	9	-	9	8	9+	8	2	6	1	5	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
17	1	8	-	8	6	9+	-	7	9	-	9	8	9+	5	2	1*	5	6	2*	1	7	-	-	-	-	-	-	1	-	-	-	-	-	-	-	17
18	-	7	-	8	4	9+	-	5	8	-	8	7	9+	1	8	7	7	6	6	9+	9	-	-	7	8	2*	2	8	-	-	-	-	-	-	-	18
19	-	3	-	2	-	9	-	3	8	-	8	5	9+	-	8	8	7	6	8	9+	7	-	-	8	6*	2	9	8	-	-	4	5*	-	-	7	19
20	-	1	-	-	-	8	-	1	6	-	6	3	9+	-	5*	9	9	7	7	9+	8	3*	-	7	8*	-	9+	9	-	-	6	3*	-	-	8	20
21	-	-	-	-	-	2	-	-	4	-	1	-	9	-	5*	7	7	8*	5	9+	5	1*	5	8	8	-	9+	7	-	-	5*	2*	-	-	8	21
22	-	-	-	-	-	-	-	-	-	-	-	-	7	-	2*	8	7	5*	5	9+	4	-	8	8	6	-	9	8	-	-	6*	1*	-	-	8	22
23	-	-	-	-	-	-	-	-	-	-	-	-	6	-	1*	7	7	4	3	9+	3	-	9	8	6	6	9	8	-	-	4*	-	-	1	8	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA EU FE SA AF AS OC NA

Oct., Kermadec Islands, for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

Nov., Kermadec Islands, for SSN = Very Low, Sigs in S-Units. (c) 2010 Dean Straw, N6BV

	80 Meters							40 Meters							20 Meters							15 Meters							10 Meters							
UTC	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	UTC
0	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1*	5	7	2	1	9+	3	-	9	9	7	5	9+	8	-	7	9	3	-	6	9	0
1	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1*	4	8	4	1	9+	5	-	8	9	8	6	9+	9	-	8	9	2	5	9	8	1
2	-	-	-	-	-	1	-	-	-	-	-	-	8	-	2*	3	8	5	-	9+	7	-	8	9	8	5	9+	9	-	8	9	1	8	9	4	2
3	-	-	-	-	-	5	-	-	-	-	-	-	9	-	5*	4	9	7	1*	9+	9	-	9	9	6	6	9+	9	-	9	8	-	8	9+	-	3
4	-	-	-	-	-	9	-	-	-	5	-	-	9+	4	5	6	9	8	8	9+	9	-	9	9	8	7	9+	8	-	9	6	-	8	9+	-	4
5	-	-	-	-	-	9+	1	-	-	7	4	-	9+	6	4	8	9	8	6	9+	9	4	9	9	8	8	9+	4	-	8	1	3*	8	8	-	5
6	-	-	6	-	-	9+	4	3	1	8	6	-	9+	9	7	9	9+	8	6	9+	9	8	9+	9	8	8	9+	-	-	7	-	4	8	7	-	6
7	-	-	8	-	-	9+	8	5	5	9	6	1	9+	9	7	9	9+	4*	7	9+	9	8*	9+	7	8*	9	9+	-	-	9	-	5	8	7	-	7
8	-	1	8	-	-	9+	9	5	8	9	5	2	9+	9	8	9+	9	8	8	9+	9	9	9	3	7*	9	9+	-	-	7	-	5*	8	6	-	8
9	-	6	8	-	1	9+	9	2	9	9	1	6	9+	9	8	9+	9	9	9	9+	8	9	9	6*	8	9	9+	-	2	7	-	5*	5	5	-	9
10	-	8	8	-	4	9+	9	1	9	9	-	8	9+	9	8	9+	9	8	9	9+	7	9	9	7*	8	9	9+	-	3	7	2*	4*	4	5	-	10
11	-	9	7	-	4	9+	9	1	9	9	-	8	9+	9	8	9+	9	8	9	9+	6	9	9	7*	9	9	9	1*	2	6	4*	5	1	1	-	11
12	-	9	1	-	7	9+	9	4	9	7	1	8	9+	9	8	9+	9	9	9	9+	8	8	9	8	8	9	9	1*	1	1	2*	2*	1	-	-	12
13	-	9	-	-	8	9+	9	7	9	6	5	8	9+	9	8	9+	9	9	9	9+	9	8	9	7	7	9	8	5	-	3	1*	1*	-	-	-	13
14	1	9	-	1	8	9+	8	5	9	2	7	8	9+	9	9	9+	8	9	9	9+	9	5	8	2	7	8	7	6	-	-	-	-	-	-	-	14
15	4	8	-	1	7	9+	7	7	9	-	8	8	9+	8	9	9+	8	9	9	9+	9	1	7	2	5	6	3	5	-	-	-	-	-	-	-	15
16	1	8	-	6	5	9+	4	7	9	-	8	8	9+	8	8	9	8	9	9	9+	9	-	3	7	7	2	5	8	-	-	-	-	-	-	-	16
17	1	7	-	6	3	9+	-	7	8	-	8	7	9+	6	5	9	5	7	9	9+	9	-	5	8	8	-	7	9	-	-	2	2*	-	-	5	17
18	-	5	-	1	1	9+	-	5	8	-	7	6	9+	2	5*	8	5	8	9	9+	9	5*	2	8	8*	1	9+	9	-	-	7	4*	-	-	7	18
19	-	1	-	-	-	9	-	2	6	-	6	5	9+	-	4*	9	9	9	7	9+	8	5*	1	9	8	1	9+	9	-	-	7	5*	-	1	8	19
20	-	-	-	-	-	5	-	-	4	-	1	2	9	-	3*	8	6	9	6	9+	6	1*	-	9	8	-	9+	9	-	-	8	5*	-	5	8	20
21	-	-	-	-	-	1	-	-	-	-	-	-	8	-	1*	8	6	8	4	9+	4	2*	7	9	8	-	9+	8	-	-	9	5*	-	7	9	21
22	-	-	-	-	-	-	-	-	-	-	-	-	7	-	1*	7	6	6	4	9+	2	1*	9	9	7	-	9+	8	-	2	9	3	-	8	9	22
23	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1*	7	6	5	2	9+	1	-	8	9	7	4	9+	8	-	6	9	1	-	7	9	23
	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	EU	FE	SA	AF	AS	OC	NA	

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