

RESOLUCIÓN 346-15-CONATEL-2006

**CONSEJO NACIONAL DE TELECOMUNICACIONES
CONATEL**

CONSIDERANDO

Que, la Secretaría Nacional de Telecomunicaciones ha solicitado al CONATEL autorización para suscribir el contrato de concesión de frecuencias a favor de INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA "INAMHI" y por cuanto no existe impedimento técnico, legal ni financiero; y,

En ejercicio de la facultad que le confiere el artículo 10, artículo innumerado tercero, literal f) de la Ley Reformatoria a la Ley Especial de Telecomunicaciones, y bajo la responsabilidad de quienes firman los informes,

RESUELVE

ARTÍCULO ÚNICO. Autorizar a la Secretaría Nacional de Telecomunicaciones la suscripción del contrato de concesión de uso de frecuencias otorgado a favor de INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA "INAMHI". Las características técnicas del contrato son:

**INFORME TÉCNICO PARA LA SUSCRIPCIÓN DEL CONTRATO DE CONCESIÓN DE
FRECUENCIAS PARA EL SERVICIO FIJO Y MÓVIL TERRESTRE**

| DATOS DEL CONCESIONARIO: | | | | | | | | | |
|---|---------------|--|--|-----------------|--|--------------------|--------------------|----------------------------|----------------------|
| NOMBRE: INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA "INAMHI" | | | | | | | | | |
| Código SNT: 1701080 | | | Dirección: QUITO, IÑAQUITO N 3614 Y COREA | | | | | | |
| Concesión (X) | | | | | Renovación () | | | | |
| PAGOS A EFECTUAR: | | | | | | | | | |
| DERECHOS DE CONCESION TOTAL DE (4) FRECUENCIAS(USD): 248.04 | | | | | TARIFA TOTAL POR USO DE (4) FRECUENCIAS(USD): 196.64 | | | | |
| CARACTERÍSTICAS GENERALES DEL SISTEMA: | | | | | | | | | |
| TIPO DE SISTEMA: PRIVADO | | | | | TIPO DE USO DE FRECUENCIAS: PRIVATIVO | | | | |
| NOTAS: | | 1 - Los equipos utilizados reúnen las condiciones técnicas requeridas para la operación del Sistema. 2 - La(s) frecuencia(s) asignada(s) y el servicio a ser prestado cumplen con las disposiciones del Plan Nacional de Frecuencias. 3 - Las estaciones fijas que se detallan en el Informe Técnico, teóricamente no sobrepasan los límites de RNI establecidos en el Reglamento de Protección de Emisiones de Radiación No Ionizante Generada por Uso de Frecuencias del Espectro Radieléctrico. | | | | | | | |
| CIRCUITO 1 | | | | | | | | | |
| CARACTERÍSTICAS TÉCNICAS: | | | | | | | | | |
| Nº Frec | Frec Tx (kHz) | Frec Rx (kHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) |
| 1 | 5735 | 5735 | 5.00 | 3K00F3E1N | SIMPLEX | 24 HORAS | NIVEL NACIONAL | 62.01 | 49.16 |

| CARACTERÍSTICAS DE LAS ESTRUCTURAS: | | | | | | |
|--|---------|-----------|------------------------------|---|---------------|---------------|
| Nº | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | Latitud | Longitud |
| 1 | SMA0258 | PICHINCHA | QUITO | INAMHI, IÑAQUITO N36-14 Y COREA | 00°11'00.00"S | 78°29'00.00"W |
| 2 | SMB0107 | GUAYAS | GUAYAQUIL | FACULTAD DE AGRONOMIA, UNIVERSIDAD ESTATAL DE GUAYAQUIL | 02°00'00.00"S | 79°53'00.00"W |
| 3 | SMA0259 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LA CONCORDIA (ESTACION INIAP VIA LA CONCORDIA) | 00°01'45.00"S | 79°22'30.00"W |
| 4 | SMA0260 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | PUERTO ILA (VIA LUZ DE AMERICA, PATRICIA PILAR) | 00°33'00.00"S | 79°23'00.00"W |
| 5 | SMB0108 | GUAYAS | MILAGRO | INGENIO VALDEZ, VIA MILAGRO-BABAHOYO | 02°09'00.00"S | 79°36'00.00"W |
| 6 | SMO0029 | EL ORO | MACHALA | UNIVERSIDAD TECNICA DE MACHAL (FACULTAD DE AGRONOMIA) | 03°19'00.00"S | 79°56'00.00"W |



| | | | | | | |
|----|---------|------------|------------------------------|---|---------------|---------------|
| 7 | SMD0013 | MANABI | PORTOVIEJO | UNIVERSIDAD ESTATAL DE PORTOVIEJO, GRANJA EXPERIMENTAL | 01°14'00.00"S | 80°26'00.00"W |
| 8 | SMR0013 | LOS RIOS | QUEVEDO | PICHILINGUE (ESTACION INIAP), VIA QUEVEDO - EL EMPALME | 01°06'00.00"S | 79°29'00.00"W |
| 9 | SMR0014 | LOS RIOS | BABAHOYO | UNIVERSIDAD TECNICA DE BABAHOYO, VIA BABAHOYO - MONTALVO | 01°49'00.00"S | 79°02'00.00"W |
| 10 | SMA0261 | PICHINCHA | QUITO | IZOBAMBA (ESTACION INIAP SANTA CATALINA), PARROQUIA CUTUGLAGUA | 00°22'00.00"S | 78°33'00.00"W |
| 11 | SMF0051 | COTOPAXI | LATACUNGA | RUMPAMBA (GRANJA UNIVERSIDAD CENTRAL), VIA LATACUNGA - SALCEDO | 01°01'00.00"S | 78°35'00.00"W |
| 12 | SMG0024 | CARCHI | ESPEJO | EL ANGEL (COLEGIO TECNICO AGRICOLA EL ANGEL) | 00°37'08.00"N | 77°56'41.00"W |
| 13 | SMG0025 | CARCHI | MONTUFAR | SAN GABRIEL (COLEGIO NACIONAL SAN GABRIEL), SALIDA A TULCAN | 00°36'00.00"N | 77°49'18.00"W |
| 14 | SMA0262 | PICHINCHA | QUITO | LA TOLA, TUMBACO, SECTOR LA MORITA (UNIVERSIDAD CENTRAL) | 00°13'00.00"S | 78°24'00.00"W |
| 15 | SMJ0030 | CHIMBORAZO | RIOBAMBA | GUASLAN (GRANJA MINISTERIO DE AGRICULTURA Y GANADERIA), VIA RIOBAMBA - SAN LUIS | 01°44'00.00"S | 78°40'00.00"W |
| 16 | SMK0004 | CAÑAR | CAÑAR | CAÑAR (COLEGIO TECNICO AGROPECUARIO) | 02°33'00.00"S | 78°56'00.00"W |
| 17 | SMC0034 | AZUAY | GUALACEO | GUALACEO (COLEGIO TECNICO AGROPECUARIO), SALIDA A CHORDELEG | 02°54'00.00"S | 78°49'00.00"W |
| 18 | SML0044 | LOJA | LOJA | CELICA (COLEGIO NACIONAL CELICA) | 04°05'00.00"S | 79°56'00.00"W |
| 19 | SML0048 | LOJA | CALVAS | CARIAMANGA (COLEGIO NACIONAL CARIAMANGA) | 04°19'00.00"S | 79°33'00.00"W |
| 20 | SML0049 | LOJA | LOJA | UNIVERSIDAD NACIONAL DE LOJA (LA ARGELIA) | 04°00'00.00"S | 79°12'00.00"W |
| 21 | SMH0008 | ORELLANA | AGUARICO | NUEVO ROCAFUERTE | 00°55'00.00"S | 75°24'00.00"W |
| 22 | SMP0013 | PASTAZA | PASTAZA | PUYO (VIA PUYO - VERACRUZ) | 01°35'00.00"S | 77°54'00.00"W |
| 23 | SMX0005 | GALAPAGOS | SAN CRISTOBAL | ISLA SAN CRISTOBAL | 00°54'00.00"S | 89°37'00.00"W |
| 24 | SMT0055 | TUNGURAHUA | QUERO | QUERO - CHACA (UNIVERSIDAD TECNICA DE AMBATO), VIA CEVALLOS - QUERO | 01°24'00.00"S | 78°35'00.00"W |
| 25 | SMA0263 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LIBERTAD DEL RIO BLANCO (36 KM. OESTE DE PATRICIA PILAR) | 00°31'54.00"S | 79°07'20.00"W |
| 26 | SMF0052 | COTOPAXI | LA MANA | SAN JUAN - LA MANA (HACIENDA SAN JUAN) | 00°54'59.00"S | 79°07'15.00"W |
| 27 | SMF0053 | COTOPAXI | LA MANA | PILALO (VIVIENDA SEÑOR ADAN VILLACIS - OBSERVADOR INAMHI) | 00°56'37.00"S | 78°59'42.00"W |
| 28 | SMR0015 | LOS RIOS | BUENA FE | SABA - TOACHI (VIA SANTO DOMINGO - QUEVEDO) - FUMISA, 25 KM. AL OESTE) | 00°40'21.00"S | 79°23'21.00"W |
| 29 | SMR0016 | LOS RIOS | VINCES | MALECON, DEFENSA CIVIL, VINCES | 01°33'08.00"S | 79°45'10.00"W |

| CARACTERISTICAS DE LAS ANTENAS: | | | | | |
|---------------------------------|---------|--------|----------------|------------|--------------|
| Nº | Código | Tipo | Ganancia (dBi) | Azímüt (°) | Polarización |
| 1 | AD36631 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 2 | AD36632 | DIPOLO | 2.15 | 32 | HORIZONTAL |
| 3 | AD36633 | DIPOLO | 2.15 | 104 | HORIZONTAL |
| 4 | AD36634 | DIPOLO | 2.15 | 75 | HORIZONTAL |
| 5 | AD36635 | DIPOLO | 2.15 | 29 | HORIZONTAL |
| 6 | AD36636 | DIPOLO | 2.15 | 28 | HORIZONTAL |
| 7 | AD36637 | DIPOLO | 2.15 | 67 | HORIZONTAL |
| 8 | AD36638 | DIPOLO | 2.15 | 48 | HORIZONTAL |
| 9 | AD36639 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 10 | AD36640 | DIPOLO | 2.15 | 18 | HORIZONTAL |
| 11 | AD36641 | DIPOLO | 2.15 | 14 | HORIZONTAL |
| 12 | AD36642 | DIPOLO | 2.15 | 214 | HORIZONTAL |
| 13 | AD36643 | DIPOLO | 2.15 | 219 | HORIZONTAL |
| 14 | AD36644 | DIPOLO | 2.15 | 264 | HORIZONTAL |
| 15 | AD36645 | DIPOLO | 2.15 | 8 | HORIZONTAL |
| 16 | AD36646 | DIPOLO | 2.15 | 11 | HORIZONTAL |
| 17 | AD36647 | DIPOLO | 2.15 | 6 | HORIZONTAL |
| 18 | AD36648 | DIPOLO | 2.15 | 22 | HORIZONTAL |
| 19 | AD36649 | DIPOLO | 2.15 | 16 | HORIZONTAL |
| 20 | AD36650 | DIPOLO | 2.15 | 12 | HORIZONTAL |
| 21 | AD36651 | DIPOLO | 2.15 | 282 | HORIZONTAL |
| 22 | AD36652 | DIPOLO | 2.15 | 339 | HORIZONTAL |
| 23 | AD36653 | DIPOLO | 2.15 | 86 | HORIZONTAL |
| 24 | AD36654 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 25 | AD36655 | DIPOLO | 2.15 | 55 | HORIZONTAL |
| 26 | AD36656 | DIPOLO | 2.15 | 45 | HORIZONTAL |
| 27 | AD36657 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 28 | AD36658 | DIPOLO | 2.15 | 60 | HORIZONTAL |

| | | | | | |
|----|---------|--------|------|----|------------|
| 29 | AD36659 | DIPOLO | 2.15 | 36 | HORIZONTAL |
|----|---------|--------|------|----|------------|

| ESTACIONES TIJAS (29) | | | | | |
|-------------------------|------------|------------|---------|------------------|-------------------|
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo |
| 1 | HCA22 | SMA0258 | AD36631 | 100.00 | ICOM IC-775 DSP |
| 2 | HCB202 | SMB0107 | AD36632 | 100.00 | ICOM IC-707 |
| 3 | HCA220 | SMA0259 | AD36633 | 100.00 | ICOM IC-M710 |
| 4 | HCA221 | SMA0260 | AD36634 | 100.00 | ICOM IC-707 |
| 5 | HCB203 | SMB0108 | AD36635 | 100.00 | ICOM IC-707 |
| 6 | HCO231 | SMO0029 | AD36636 | 100.00 | ICOM IC-707 |
| 7 | HCD204 | SMD0013 | AD36637 | 100.00 | ICOM IC-707 |
| 8 | HCR201 | SMR0013 | AD36638 | 100.00 | ICOM IC-728 |
| 9 | HCR202 | SMR0014 | AD36639 | 100.00 | ICOM IC-707 |
| 10 | HCA222 | SMA0261 | AD36640 | 100.00 | YAESU FT-840 |
| 11 | HCF203 | SMP0051 | AD36641 | 100.00 | ICOM IC-728 |
| 12 | HCG204 | SMG0024 | AD36642 | 100.00 | ICOM IC-707 |
| 13 | HCG205 | SMG0025 | AD36643 | 100.00 | ICOM IC-707 |
| 14 | HCA223 | SMA0262 | AD36644 | 100.00 | MOTOROLA M-100 |
| 15 | HCI201 | SMT0030 | AD36645 | 100.00 | ICOM IC-707 |
| 16 | HCK201 | SMK0004 | AD36646 | 100.00 | YAESU FT-840 |
| 17 | HCC203 | SMC0034 | AD36647 | 100.00 | ICOM IC-707 |
| 18 | HCL17 | SML0044 | AD36648 | 100.00 | ICOM IC-707 |
| 19 | HCL18 | SML0048 | AD36649 | 100.00 | ICOM IC-707 |
| 20 | HCL19 | SML0049 | AD36650 | 100.00 | ICOM IC-707 |
| 21 | HCH202 | SMH0008 | AD36651 | 100.00 | ICOM IC-707 |
| 22 | HCP202 | SMP0013 | AD36652 | 100.00 | ICOM IC-707 |
| 23 | HCX201 | SMX0005 | AD36653 | 100.00 | ICOM IC-M700 |
| 24 | HCT201 | SMT0055 | AD36654 | 100.00 | ICOM IC-728 |
| 25 | HCA224 | SMA0263 | AD36655 | 100.00 | VERTEX SYSTEM 600 |
| 26 | HCF204 | SMP0052 | AD36656 | 100.00 | VERTEX SYSTEM 600 |
| 27 | HCF205 | SMP0053 | AD36657 | 100.00 | VERTEX SYSTEM 600 |
| 28 | HCR203 | SMR0015 | AD36658 | 100.00 | VERTEX SYSTEM 600 |
| 29 | HCR204 | SMR0016 | AD36659 | 100.00 | VERTEX SYSTEM 600 |

CIRCUITO 1

| CARACTERÍSTICAS TÉCNICAS | | | | | | | | | |
|--------------------------|----------------|----------------|---------------------|-----------------|-------------------|--------------------|--------------------|----------------------------|----------------------|
| Nº Frec | Frec. Tx (kHz) | Frec. Rx (kHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) |
| 1 | 7825 | 7825 | 5.00 | 3K00F3E1N | SDMPLEX | 24 HORAS | NIVEL NACIONAL | 62.01 | 49.16 |

ESPACIO EN BLANCO

| CARACTERÍSTICAS DE LAS ESTRUCTURAS: | | | | | | |
|-------------------------------------|---------|------------|------------------------------|---|---------------|---------------|
| Nº | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | Latitud | Longitud |
| 1 | SMA0258 | PICHINCHA | QUITO | INAMHI, INAQUITO N36-14 Y COREA | 00°11'00.00"S | 78°29'00.00"W |
| 2 | SMB0107 | GUAYAS | GUAYAQUIL | FACULTAD DE AGRONOMIA, UNIVERSIDAD ESTATAL DE GUAYAQUIL | 02°00'00.00"S | 79°53'00.00"W |
| 3 | SMA0259 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LA CONCORDIA (ESTACION INIAP VIA LA CONCORDIA) | 00°01'45.00"S | 79°22'30.00"W |
| 4 | SMA0260 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | PUERTO ILA (VIA LUZ DE AMERICA, PATRICIA PILAR) | 00°33'00.00"S | 79°23'00.00"W |
| 5 | SMB0108 | GUAYAS | MILAGRO | INGENIO VALDEZ, VIA MILAGRO-BABAHOYO | 02°09'00.00"S | 79°36'00.00"W |
| 6 | SMO0029 | EL ORO | MACHALA | UNIVERSIDAD TECNICA DE MACHAL (FACULTAD DE AGRONOMIA) | 03°19'00.00"S | 79°56'00.00"W |
| 7 | SMD0013 | MANABI | PORTOVIEJO | UNIVERSIDAD ESTATAL DE PORTOVIEJO, GRANJA EXPERIMENTAL | 01°14'00.00"S | 80°26'00.00"W |
| 8 | SMR0013 | LOS RIOS | QUEVEDO | PICHILINGUE (ESTACION INIAP), VIA QUEVEDO - EL EMPALME | 01°06'00.00"S | 79°29'00.00"W |
| 9 | SMR0014 | LOS RIOS | BABAHOYO | UNIVERSIDAD TECNICA DE BABAHOYO, VIA BABAHOYO - MONTALVO | 01°49'00.00"S | 79°02'00.00"W |
| 10 | SMA0261 | PICHINCHA | QUITO | IZOBAMBA (ESTACION INIAP SANTA CATALINA), PARROQUIA CUTUGLAGUA | 00°22'00.00"S | 78°33'00.00"W |
| 11 | SMF0051 | COTOPAXI | LATACUNGA | RUMIPAMBA (GRANJA UNIVERSIDAD CENTRAL), VIA LATACUNGA - SALCEDO | 01°01'00.00"S | 78°35'00.00"W |
| 12 | SMG0024 | CARCHI | ESPEJO | EL ANGEL (COLEGIO TECNICO AGRICOLA EL ANGEL) | 00°37'08.00"N | 77°56'41.00"W |
| 13 | SMG0025 | CARCHI | MONTUFAR | SAN GABRIEL (COLEGIO NACIONAL SAN GABRIEL), SALIDA A TULCAN | 00°36'00.00"N | 77°49'18.00"W |
| 14 | SMA0262 | PICHINCHA | QUITO | LA TOLA, TUMBACO, SECTOR LA MORITA (UNIVERSIDAD CENTRAL) | 00°13'00.00"S | 78°24'00.00"W |
| 15 | SMF0030 | CHIMBORAZO | RIOBAMBA | GUASLAN (GRANJA MINISTERIO DE AGRICULTURA Y GANADERIA), VIA RIOBAMBA - SAN LUIS | 01°44'00.00"S | 78°40'00.00"W |
| 16 | SMK0004 | CAÑAR | CAÑAR | CAÑAR (COLEGIO TECNICO AGROPECUARIO) | 02°33'00.00"S | 78°56'00.00"W |
| 17 | SMC0034 | AZUAY | GUALACEO | GUALACEO (COLEGIO TECNICO AGROPECUARIO), SALIDA A CHORDELEG | 02°54'00.00"S | 78°49'00.00"W |
| 18 | SML0044 | LOJA | LOJA | CELICA (COLEGIO NACIONAL CELICA) | 04°05'00.00"S | 79°56'00.00"W |
| 19 | SML0048 | LOJA | CALVAS | CARIAMANGA (COLEGIO NACIONAL CARIAMANGA) | 04°19'00.00"S | 79°33'00.00"W |
| 20 | SML0049 | LOJA | LOJA | UNIVERSIDAD NACIONAL DE LOJA (LA ARGELIA) | 04°00'00.00"S | 79°12'00.00"W |
| 21 | SMH0008 | ORELLANA | AGUARICO | NUEVO ROCAFUERTE | 00°55'00.00"S | 75°24'00.00"W |
| 22 | SMP0013 | PASTAZA | PASTAZA | PUYO (VIA PUYO - VERA CRUZ) | 01°35'00.00"S | 77°54'00.00"W |
| 23 | SMX0005 | GALAPAGOS | SAN CRISTOBAL | ISLA SAN CRISTOBAL | 00°54'00.00"S | 89°37'00.00"W |
| 24 | SMT0055 | TUNGURAHUA | QUERO | QUERO - CHACA (UNIVERSIDAD TECNICA DE AMBATO), VIA CEVALLOS - QUERO | 01°24'00.00"S | 78°35'00.00"W |
| 25 | SMA0263 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LIBERTAD DEL RIO BLANCO (36 KM. OESTE DE PATRICIA PILAR) | 00°31'54.00"S | 79°07'20.00"W |
| 26 | SMF0052 | COTOPAXI | LA MANA | SAN JUAN - LA MANA (HACIENDA SAN JUAN) | 00°54'59.00"S | 79°07'15.00"W |
| 27 | SMF0053 | COTOPAXI | LA MANA | PILALO (VIVIENDA SEÑOR ADAN VILLACIS - OBSERVADOR INAMHI) | 00°56'37.00"S | 78°59'42.00"W |
| 28 | SMR0015 | LOS RIOS | BUENA FE | BABA - TOACHI (VIA SANTO DOMINGO - QUEVEDO) - PUMISA, 25 KM. AL OESTE) | 00°40'21.00"S | 79°23'21.00"W |
| 29 | SMR0016 | LOS RIOS | VINCES | MALECON, DEFENSA CIVIL, VINCES | 01°33'08.00"S | 79°45'10.00"W |

ESPACIO
EN
BLANCO

| CARACTERÍSTICAS DE LAS ANTENAS: | | | | | |
|---------------------------------|---------|--------|----------------|------------|--------------|
| Nº | Código | Tipo | Ganancia (dBi) | Azímüt (°) | Polarización |
| 1 | AD36631 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 2 | AD36632 | DIPOLO | 2.15 | 32 | HORIZONTAL |
| 3 | AD36633 | DIPOLO | 2.15 | 104 | HORIZONTAL |
| 4 | AD36634 | DIPOLO | 2.15 | 75 | HORIZONTAL |
| 5 | AD36635 | DIPOLO | 2.15 | 29 | HORIZONTAL |
| 6 | AD36636 | DIPOLO | 2.15 | 28 | HORIZONTAL |
| 7 | AD36637 | DIPOLO | 2.15 | 67 | HORIZONTAL |
| 8 | AD36638 | DIPOLO | 2.15 | 48 | HORIZONTAL |
| 9 | AD36639 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 10 | AD36640 | DIPOLO | 2.15 | 18 | HORIZONTAL |
| 11 | AD36641 | DIPOLO | 2.15 | 14 | HORIZONTAL |
| 12 | AD36642 | DIPOLO | 2.15 | 214 | HORIZONTAL |
| 13 | AD36643 | DIPOLO | 2.15 | 219 | HORIZONTAL |
| 14 | AD36644 | DIPOLO | 2.15 | 264 | HORIZONTAL |
| 15 | AD36645 | DIPOLO | 2.15 | 8 | HORIZONTAL |
| 16 | AD36646 | DIPOLO | 2.15 | 11 | HORIZONTAL |
| 17 | AD36647 | DIPOLO | 2.15 | 6 | HORIZONTAL |
| 18 | AD36648 | DIPOLO | 2.15 | 22 | HORIZONTAL |
| 19 | AD36649 | DIPOLO | 2.15 | 16 | HORIZONTAL |
| 20 | AD36650 | DIPOLO | 2.15 | 12 | HORIZONTAL |
| 21 | AD36651 | DIPOLO | 2.15 | 282 | HORIZONTAL |
| 22 | AD36652 | DIPOLO | 2.15 | 339 | HORIZONTAL |
| 23 | AD36653 | DIPOLO | 2.15 | 86 | HORIZONTAL |
| 24 | AD36654 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 25 | AD36655 | DIPOLO | 2.15 | 55 | HORIZONTAL |
| 26 | AD36656 | DIPOLO | 2.15 | 45 | HORIZONTAL |
| 27 | AD36657 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 28 | AD36658 | DIPOLO | 2.15 | 60 | HORIZONTAL |
| 29 | AD36659 | DIPOLO | 2.15 | 36 | HORIZONTAL |

ESPACIO
EN
BLANCO

| ESTACIONES FIJAS (29) | | | | | | | | | |
|---------------------------|----------------|----------------|---------------------|------------------|-------------------|--------------------|--------------------|----------------------------|----------------------|
| N° | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo | | | | |
| 1 | HCA22 | SMA0258 | AD36631 | 100.00 | ICOM IC-775 DSP | | | | |
| 2 | HC202 | SMB0107 | AD36632 | 100.00 | ICOM IC-707 | | | | |
| 3 | HCA220 | SMA0259 | AD36633 | 100.00 | ICOM IC-M710 | | | | |
| 4 | HCA221 | SMA0260 | AD36634 | 100.00 | ICOM IC-707 | | | | |
| 5 | HC203 | SMB0108 | AD36635 | 100.00 | ICOM IC-707 | | | | |
| 6 | HCO231 | SMO0029 | AD36636 | 100.00 | ICOM IC-707 | | | | |
| 7 | HCD204 | SMD0013 | AD36637 | 100.00 | ICOM IC-707 | | | | |
| 8 | HCR201 | SMR0013 | AD36638 | 100.00 | ICOM IC-728 | | | | |
| 9 | HCR202 | SMR0014 | AD36639 | 100.00 | ICOM IC-707 | | | | |
| 10 | HCA222 | SMA0261 | AD36640 | 100.00 | YAESU FT-840 | | | | |
| 11 | HCF203 | SMP0051 | AD36641 | 100.00 | ICOM IC-728 | | | | |
| 12 | HCG204 | SMG0024 | AD36642 | 100.00 | ICOM IC-707 | | | | |
| 13 | HCG205 | SMG0025 | AD36643 | 100.00 | ICOM IC-707 | | | | |
| 14 | HCA223 | SMA0262 | AD36644 | 100.00 | MOTOROLA M-100 | | | | |
| 15 | HCF201 | SMP0030 | AD36645 | 100.00 | ICOM IC-707 | | | | |
| 16 | HCK201 | SMK0004 | AD36646 | 100.00 | YAESU FT-840 | | | | |
| 17 | HCC203 | SMC0034 | AD36647 | 100.00 | ICOM IC-707 | | | | |
| 18 | HCL17 | SML0044 | AD36648 | 100.00 | ICOM IC-707 | | | | |
| 19 | HCL18 | SML0048 | AD36649 | 100.00 | ICOM IC-707 | | | | |
| 20 | HCL19 | SML0049 | AD36650 | 100.00 | ICOM IC-707 | | | | |
| 21 | HCH202 | SMH0008 | AD36651 | 100.00 | ICOM IC-707 | | | | |
| 22 | HCP202 | SMP0013 | AD36652 | 100.00 | ICOM IC-707 | | | | |
| 23 | HCX201 | SMX0005 | AD36653 | 100.00 | ICOM IC-M700 | | | | |
| 24 | HCT201 | SMT0055 | AD36654 | 100.00 | ICOM IC-728 | | | | |
| 25 | HCA224 | SMA0263 | AD36655 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 26 | HCF204 | SMP0052 | AD36656 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 27 | HCF205 | SMP0053 | AD36657 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 28 | HCR203 | SMR0015 | AD36658 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 29 | HCR204 | SMR0016 | AD36659 | 100.00 | VERTEX SYSTEM 600 | | | | |
| CIRCUITO 3 | | | | | | | | | |
| CARACTERÍSTICAS TÉCNICAS: | | | | | | | | | |
| N° Frec | Frec. Tx (kHz) | Frec. Rx (kHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) |
| 1 | 13495 | 13495 | 5.00 | 3K00F3EJN | SIMPLEX | 24 HORAS | NIVEL NACIONAL | 62.01 | 49.16 |

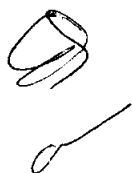
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BLANCO**

| CARACTERÍSTICAS DE LAS ESTRUCTURAS | | | | | | |
|------------------------------------|---------|------------|------------------------------|---|---------------|---------------|
| N° | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | Latitud | Longitud |
| 1 | SMA0258 | PICHINCHA | QUITO | INAMHI, ÑAQUITO N36-14 Y COREA | 00°11'00.00"S | 78°29'00.00"W |
| 2 | SMB0107 | GUAYAS | GUAYAQUIL | FACULTAD DE AGRONOMIA, UNIVERSIDAD ESTATAL DE GUAYAQUIL | 02°00'00.00"S | 79°53'00.00"W |
| 3 | SMA0259 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LA CONCORDIA (ESTACION INIAP VIA LA CONCORDIA) | 00°01'45.00"S | 79°22'30.00"W |
| 4 | SMA0260 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | PUERTO ILA (VIA LUZ DE AMERICA, PATRICIA PILAR) | 00°33'00.00"S | 79°23'00.00"W |
| 5 | SMB0108 | GUAYAS | MILAGRO | INGENIO VALDEZ, VIA MILAGRO-BABAHOYO | 02°09'00.00"S | 79°36'00.00"W |
| 6 | SMO0029 | EL ORO | MACHALA | UNIVERSIDAD TECNICA DE MACHALA (FACULTAD DE AGRONOMIA) | 03°19'00.00"S | 79°56'00.00"W |
| 7 | SMD0013 | MANABI | PORTOVIEJO | UNIVERSIDAD ESTATAL DE PORTOVIEJO, GRANJA EXPERIMENTAL | 01°14'00.00"S | 80°26'00.00"W |
| 8 | SMR0013 | LOS RIOS | QUEVEDO | PICHILINGUE (ESTACION INIAP), VIA QUEVEDO - EL EMPALME | 01°06'00.00"S | 79°29'00.00"W |
| 9 | SMR0014 | LOS RIOS | BABAHOYO | UNIVERSIDAD TECNICA DE BABAHOYO, VIA BABAHOYO - MONTALVO | 01°49'00.00"S | 79°02'00.00"W |
| 10 | SMA0261 | PICHINCHA | QUITO | IZOBAMBA (ESTACION INIAP SANTA CATALINA), PARROQUIA CUTUGLAGUA | 00°22'00.00"S | 78°33'00.00"W |
| 11 | SMF0051 | COTOPAXI | LATACUNGA | RUMIPAMBA (GRANJA UNIVERSIDAD CENTRAL), VIA LATACUNGA - SALCEDO | 01°01'00.00"S | 78°35'00.00"W |
| 12 | SMG0024 | CARCHI | ESPEJO | EL ANGEL (COLEGIO TECNICO AGRICOLA EL ANGEL) | 00°37'08.00"N | 77°56'41.00"W |
| 13 | SMG0025 | CARCHI | MONTUFAR | SAN GABRIEL (COLEGIO NACIONAL SAN GABRIEL), SALIDA A TULCAN | 00°36'00.00"N | 77°49'18.00"W |
| 14 | SMA0262 | PICHINCHA | QUITO | LA TOLA, TUMBACO, SECTOR LA MORITA (UNIVERSIDAD CENTRAL) | 00°13'00.00"S | 78°24'00.00"W |
| 15 | SMJ0030 | CHIMBORAZO | RIOBAMBA | GUASLAN (GRANJA MINISTERIO DE AGRICULTURA Y GANADERIA), VIA RIOBAMBA - SAN LUIS | 01°44'00.00"S | 78°40'00.00"W |
| 16 | SMK0004 | CAÑAR | CAÑAR | CAÑAR (COLEGIO TECNICO AGROPECUARIO) | 02°33'00.00"S | 78°56'00.00"W |
| 17 | SMC0034 | AZUAY | GUALACEO | GUALACEO (COLEGIO TECNICO AGROPECUARIO), SALIDA A CHORDELEG | 02°54'00.00"S | 78°49'00.00"W |
| 18 | SML0044 | LOJA | LOJA | CELICA (COLEGIO NACIONAL CELICA) | 04°05'00.00"S | 79°56'00.00"W |
| 19 | SML0048 | LOJA | CALVAS | CARIAMANGA (COLEGIO NACIONAL CARIAMANGA) | 04°19'00.00"S | 79°33'00.00"W |
| 20 | SML0049 | LOJA | LOJA | UNIVERSIDAD NACIONAL DE LOJA (LA ARGELIA) | 04°00'00.00"S | 79°12'00.00"W |
| 21 | SMH0008 | ORELLANA | AGUARICO | NUEVO ROCAFUERTE | 00°55'00.00"S | 75°24'00.00"W |
| 22 | SMP0013 | PASTAZA | PASTAZA | PUYO (VIA PUYO - VERACRUZ) | 01°35'00.00"S | 77°54'00.00"W |
| 23 | SMX0005 | GALAPAGOS | SAN CRISTOBAL | ISLA SAN CRISTOBAL | 00°54'00.00"S | 89°37'00.00"W |
| 24 | SMT0055 | TUNGURAHUA | QUERO | QUERO - CHACA (UNIVERSIDAD TECNICA DE AMBATO), VIA CEVALLOS - QUERO | 01°24'00.00"S | 78°35'00.00"W |
| 25 | SMA0263 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LIBERTAD DEL RIO BLANCO (36 KM. OESTE DE PATRICIA PILAR) | 00°31'54.00"S | 79°07'20.00"W |
| 26 | SMF0052 | COTOPAXI | LA MANA | SAN JUAN - LA MANA (HACIENDA SAN JUAN) | 00°54'59.00"S | 79°07'15.00"W |
| 27 | SMF0053 | COTOPAXI | LA MANA | PILALO (VIVIENDA SEÑOR ADAN VILLACIS - OBSERVADOR INAMHI) | 00°56'37.00"S | 78°59'42.00"W |
| 28 | SMR0015 | LOS RIOS | BUENA FE | BABA - TOACHI (VIA SANTO DOMINGO - QUEVEDO) - FUMISA, 25 KM. AL OESTE) | 00°40'21.00"S | 79°23'21.00"W |
| 29 | SMR0016 | LOS RIOS | VINCES | MALECON, DEFENSA CIVIL, VINCES | 01°33'08.00"S | 79°45'10.00"W |

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| CARACTERÍSTICAS DE LAS ANTENAS: | | | | | |
|---------------------------------|---------|--------|----------------|------------|--------------|
| Nº | Código | Tipo | Ganancia (dBi) | Azimut (°) | Polarización |
| 1 | AD36631 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 2 | AD36632 | DIPOLO | 2.15 | 32 | HORIZONTAL |
| 3 | AD36633 | DIPOLO | 2.15 | 104 | HORIZONTAL |
| 4 | AD36634 | DIPOLO | 2.15 | 75 | HORIZONTAL |
| 5 | AD36635 | DIPOLO | 2.15 | 29 | HORIZONTAL |
| 6 | AD36636 | DIPOLO | 2.15 | 28 | HORIZONTAL |
| 7 | AD36637 | DIPOLO | 2.15 | 67 | HORIZONTAL |
| 8 | AD36638 | DIPOLO | 2.15 | 48 | HORIZONTAL |
| 9 | AD36639 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 10 | AD36640 | DIPOLO | 2.15 | 18 | HORIZONTAL |
| 11 | AD36641 | DIPOLO | 2.15 | 14 | HORIZONTAL |
| 12 | AD36642 | DIPOLO | 2.15 | 214 | HORIZONTAL |
| 13 | AD36643 | DIPOLO | 2.15 | 219 | HORIZONTAL |
| 14 | AD36644 | DIPOLO | 2.15 | 264 | HORIZONTAL |
| 15 | AD36645 | DIPOLO | 2.15 | 8 | HORIZONTAL |
| 16 | AD36646 | DIPOLO | 2.15 | 11 | HORIZONTAL |
| 17 | AD36647 | DIPOLO | 2.15 | 6 | HORIZONTAL |
| 18 | AD36648 | DIPOLO | 2.15 | 22 | HORIZONTAL |
| 19 | AD36649 | DIPOLO | 2.15 | 16 | HORIZONTAL |
| 20 | AD36650 | DIPOLO | 2.15 | 12 | HORIZONTAL |
| 21 | AD36651 | DIPOLO | 2.15 | 282 | HORIZONTAL |
| 22 | AD36652 | DIPOLO | 2.15 | 339 | HORIZONTAL |
| 23 | AD36653 | DIPOLO | 2.15 | 86 | HORIZONTAL |
| 24 | AD36654 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 25 | AD36655 | DIPOLO | 2.15 | 55 | HORIZONTAL |
| 26 | AD36656 | DIPOLO | 2.15 | 45 | HORIZONTAL |
| 27 | AD36657 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 28 | AD36658 | DIPOLO | 2.15 | 60 | HORIZONTAL |
| 29 | AD36659 | DIPOLO | 2.15 | 36 | HORIZONTAL |

ESPACIO
EN
BLANCO



| ESTACIONES FIJAS (29) | | | | | | | | | |
|---------------------------|----------------|----------------|---------------------|------------------|-------------------|--------------------|--------------------|----------------------------|----------------------|
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo | | | | |
| 1 | HCA22 | SMA0258 | AD36631 | 100.00 | ICOM IC-775 DSP | | | | |
| 2 | HC202 | SMB0107 | AD36632 | 100.00 | ICOM IC-707 | | | | |
| 3 | HCA220 | SMA0259 | AD36633 | 100.00 | ICOM IC-M710 | | | | |
| 4 | HCA221 | SMA0260 | AD36634 | 100.00 | ICOM IC-707 | | | | |
| 5 | HC203 | SMB0108 | AD36635 | 100.00 | ICOM IC-707 | | | | |
| 6 | HCO231 | SMO0029 | AD36636 | 100.00 | ICOM IC-707 | | | | |
| 7 | HCD204 | SMD0013 | AD36637 | 100.00 | ICOM IC-707 | | | | |
| 8 | HCR201 | SMR0013 | AD36638 | 100.00 | ICOM IC-728 | | | | |
| 9 | HCR202 | SMR0014 | AD36639 | 100.00 | ICOM IC-707 | | | | |
| 10 | HCA222 | SMA0261 | AD36640 | 100.00 | YAESU FT-840 | | | | |
| 11 | HCF203 | SMF0051 | AD36641 | 100.00 | ICOM IC-728 | | | | |
| 12 | HCG204 | SMG0024 | AD36642 | 100.00 | ICOM IC-707 | | | | |
| 13 | HCG205 | SMG0025 | AD36643 | 100.00 | ICOM IC-707 | | | | |
| 14 | HCA223 | SMA0262 | AD36644 | 100.00 | MOTOROLA M-100 | | | | |
| 15 | HCI201 | SMI0030 | AD36645 | 100.00 | ICOM IC-707 | | | | |
| 16 | HCK201 | SMK0004 | AD36646 | 100.00 | YAESU FT-840 | | | | |
| 17 | HCC203 | SMC0034 | AD36647 | 100.00 | ICOM IC-707 | | | | |
| 18 | HCL17 | SML0044 | AD36648 | 100.00 | ICOM IC-707 | | | | |
| 19 | HCL18 | SML0048 | AD36649 | 100.00 | ICOM IC-707 | | | | |
| 20 | HCL19 | SML0049 | AD36650 | 100.00 | ICOM IC-707 | | | | |
| 21 | HCH202 | SMH0008 | AD36651 | 100.00 | ICOM IC-707 | | | | |
| 22 | HCP202 | SMP0013 | AD36652 | 100.00 | ICOM IC-707 | | | | |
| 23 | HCX201 | SMX0005 | AD36653 | 100.00 | ICOM IC-M700 | | | | |
| 24 | HCT201 | SMT0055 | AD36654 | 100.00 | ICOM IC-728 | | | | |
| 25 | HCA224 | SMA0263 | AD36655 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 26 | HCF204 | SMF0052 | AD36656 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 27 | HCF205 | SMF0053 | AD36657 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 28 | HCR203 | SMR0015 | AD36658 | 100.00 | VERTEX SYSTEM 600 | | | | |
| 29 | HCR204 | SMR0016 | AD36659 | 100.00 | VERTEX SYSTEM 600 | | | | |
| CIRCUITO 4 | | | | | | | | | |
| CARACTERÍSTICAS TÉCNICAS: | | | | | | | | | |
| Nº Frec | Frec. Tx (kHz) | Frec. Rx (kHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) |
| 1 | 14615 | 14615 | 5.00 | 3K00F3E1N | SIMPLEX | 24 HORAS | NIVEL NACIONAL | 62.01 | 49.16 |

ESPACIO EN BLANCO

2006-FMT-489

| CARACTERÍSTICAS DE LAS ESTRUCTURAS: | | | | | | |
|-------------------------------------|---------|------------|------------------------------|---|---------------|---------------|
| Nº | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | Latitud | Longitud |
| 1 | SMA0258 | PICHINCHA | QUITO | INAMHI, IÑAQUITO N36-14 Y COREA | 00°11'00.00"S | 78°29'00.00"W |
| 2 | SMB0107 | GUAYAS | GUAYAQUIL | FACULTAD DE AGRONOMIA, UNIVERSIDAD ESTATAL DE GUAYAQUIL | 02°00'00.00"S | 79°53'00.00"W |
| 3 | SMA0259 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LA CONCORDIA (ESTACION INIAP VIA LA CONCORDIA) | 00°01'45.00"S | 79°22'30.00"W |
| 4 | SMA0260 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | PUERTO ILA (VIA LUZ DE AMERICA, PATRICIA PILAR) | 00°33'00.00"S | 79°23'00.00"W |
| 5 | SMB0108 | GUAYAS | MILAGRO | INGENIO VALDEZ, VIA MILAGRO-BABAHOYO | 02°09'00.00"S | 79°36'00.00"W |
| 6 | SMD0029 | EL ORO | MACHALA | UNIVERSIDAD TECNICA DE MACHALA (FACULTAD DE AGRONOMIA) | 03°19'00.00"S | 79°56'00.00"W |
| 7 | SMD0013 | MANABI | PORTOVIEJO | UNIVERSIDAD ESTATAL DE PORTOVIEJO, GRANJA EXPERIMENTAL | 01°14'00.00"S | 80°26'00.00"W |
| 8 | SMR0013 | LOS RIOS | QUEVEDO | PICHILINGUE (ESTACION INIAP), VIA QUEVEDO - EL EMPALME | 01°06'00.00"S | 79°29'00.00"W |
| 9 | SMR0014 | LOS RIOS | BABAHOYO | UNIVERSIDAD TECNICA DE BABAHOYO, VIA BABAHOYO - MONTALVO | 01°49'00.00"S | 79°02'00.00"W |
| 10 | SMA0261 | PICHINCHA | QUITO | IZOBAMBA (ESTACION INIAP SANTA CATALINA), PARROQUIA CUTUGLAGUA | 00°22'00.00"S | 78°33'00.00"W |
| 11 | SMP0051 | COTOPAXI | LATACUNGA | RUMIPAMBA (GRANJA UNIVERSIDAD CENTRAL), VIA LATACUNGA - SALCEDO | 01°01'00.00"S | 78°35'00.00"W |
| 12 | SMG0024 | CARCHI | ESPEJO | EL ANGEL (COLEGIO TECNICO AGRICOLA EL ANGEL) | 00°37'08.00"N | 77°56'41.00"W |
| 13 | SMG0025 | CARCHI | MONTUFAR | SAN GABRIEL (COLEGIO NACIONAL SAN GABRIEL), SALIDA A TULCAN | 00°36'00.00"N | 77°49'18.00"W |
| 14 | SMA0262 | PICHINCHA | QUITO | LA TOLA, TUMBACO, SECTOR LA MORITA (UNIVERSIDAD CENTRAL) | 00°13'00.00"S | 78°24'00.00"W |
| 15 | SMJ0030 | CHIMBORAZO | RIOBAMBA | GUASLAN (GRANJA MINISTERIO DE AGRICULTURA Y GANADERIA), VIA RIOBAMBA - SAN LUIS | 01°44'00.00"S | 78°40'00.00"W |
| 16 | SMK0004 | CAÑAR | CAÑAR | CAÑAR (COLEGIO TECNICO AGROPECUARIO) | 02°33'00.00"S | 78°56'00.00"W |
| 17 | SMC0034 | AZUAY | GUALACEO | GUALACEO (COLEGIO TECNICO AGROPECUARIO), SALIDA A CHORDELEG | 02°54'00.00"S | 78°49'00.00"W |
| 18 | SML0044 | LOJA | LOJA | CELICA (COLEGIO NACIONAL CELICA) | 04°05'00.00"S | 79°56'00.00"W |
| 19 | SML0048 | LOJA | CALVAS | CARIAMANGA (COLEGIO NACIONAL CARIAMANGA) | 04°19'00.00"S | 79°33'00.00"W |
| 20 | SML0049 | LOJA | LOJA | UNIVERSIDAD NACIONAL DE LOJA (LA ARGELIA) | 04°00'00.00"S | 79°12'00.00"W |
| 21 | SMH0008 | ORELLANA | AGUARICO | NUEVO ROCAFUERTE | 00°55'00.00"S | 75°24'00.00"W |
| 22 | SMP0013 | PASTAZA | PASTAZA | PUYO (VIA PUYO - VERACRUZ) | 01°35'00.00"S | 77°54'00.00"W |
| 23 | SMX0005 | GALAPAGOS | SAN CRISTOBAL | ISLA SAN CRISTOBAL | 00°54'00.00"S | 89°37'00.00"W |
| 24 | SMT0055 | TUNGURAHUA | QUERO | QUERO - CHACA (UNIVERSIDAD TECNICA DE AMBATO), VIA CEVALLOS - QUERO | 01°24'00.00"S | 78°35'00.00"W |
| 25 | SMA0263 | PICHINCHA | STO DOMINGO DE LOS COLORADOS | LIBERTAD DEL RIO BLANCO (36 KM. OESTE DE PATRICIA PILAR) | 00°31'54.00"S | 79°07'20.00"W |
| 26 | SMP0052 | COTOPAXI | LA MANA | SAN JUAN - LA MANA (HACIENDA SAN JUAN) | 00°54'59.00"S | 79°07'15.00"W |
| 27 | SMP0053 | COTOPAXI | LA MANA | PILALO (VIVIENDA SEÑOR ADAN VILLACTIS - OBSERVADOR INAMHI) | 00°56'37.00"S | 78°59'42.00"W |
| 28 | SMR0015 | LOS RIOS | BUENA FE | BABA - TOACHI (VIA SANTO DOMINGO - QUEVEDO)- FUMISA, 25 KM. AL OESTE) | 00°40'21.00"S | 79°23'21.00"W |
| 29 | SMR0016 | LOS RIOS | VINCES | MALECON, DEFENSA CIVIL, VINCES | 01°33'08.00"S | 79°45'10.00"W |

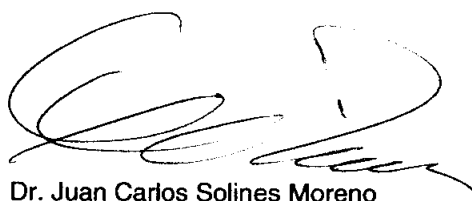
ESPACIO
EN
BLANCO

| CARACTERÍSTICAS DE LAS ANTENAS: | | | | | |
|---------------------------------|---------|--------|----------------|------------|--------------|
| N° | Código | Tipo | Ganancia (dBi) | Azimut (°) | Polarización |
| 1 | AD36631 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 2 | AD36632 | DIPOLO | 2.15 | 32 | HORIZONTAL |
| 3 | AD36633 | DIPOLO | 2.15 | 104 | HORIZONTAL |
| 4 | AD36634 | DIPOLO | 2.15 | 75 | HORIZONTAL |
| 5 | AD36635 | DIPOLO | 2.15 | 29 | HORIZONTAL |
| 6 | AD36636 | DIPOLO | 2.15 | 28 | HORIZONTAL |
| 7 | AD36637 | DIPOLO | 2.15 | 67 | HORIZONTAL |
| 8 | AD36638 | DIPOLO | 2.15 | 48 | HORIZONTAL |
| 9 | AD36639 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 10 | AD36640 | DIPOLO | 2.15 | 18 | HORIZONTAL |
| 11 | AD36641 | DIPOLO | 2.15 | 14 | HORIZONTAL |
| 12 | AD36642 | DIPOLO | 2.15 | 214 | HORIZONTAL |
| 13 | AD36643 | DIPOLO | 2.15 | 219 | HORIZONTAL |
| 14 | AD36644 | DIPOLO | 2.15 | 264 | HORIZONTAL |
| 15 | AD36645 | DIPOLO | 2.15 | 8 | HORIZONTAL |
| 16 | AD36646 | DIPOLO | 2.15 | 11 | HORIZONTAL |
| 17 | AD36647 | DIPOLO | 2.15 | 6 | HORIZONTAL |
| 18 | AD36648 | DIPOLO | 2.15 | 22 | HORIZONTAL |
| 19 | AD36649 | DIPOLO | 2.15 | 16 | HORIZONTAL |
| 20 | AD36650 | DIPOLO | 2.15 | 12 | HORIZONTAL |
| 21 | AD36651 | DIPOLO | 2.15 | 282 | HORIZONTAL |
| 22 | AD36652 | DIPOLO | 2.15 | 339 | HORIZONTAL |
| 23 | AD36653 | DIPOLO | 2.15 | 86 | HORIZONTAL |
| 24 | AD36654 | DIPOLO | 2.15 | 10 | HORIZONTAL |
| 25 | AD36655 | DIPOLO | 2.15 | 55 | HORIZONTAL |
| 26 | AD36656 | DIPOLO | 2.15 | 45 | HORIZONTAL |
| 27 | AD36657 | DIPOLO | 2.15 | 34 | HORIZONTAL |
| 28 | AD36658 | DIPOLO | 2.15 | 60 | HORIZONTAL |
| 29 | AD36659 | DIPOLO | 2.15 | 36 | HORIZONTAL |

ESPACIO
EN
BLANCO

| ESTACIONES FIJAS (29) | | | | | |
|-------------------------|------------|------------|---------|------------------|-------------------|
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo |
| 1 | HCA22 | SMA0258 | AD36631 | 100.00 | ICOM IC-775 DSP |
| 2 | HC202 | SMB0107 | AD36632 | 100.00 | ICOM IC-707 |
| 3 | HCA220 | SMA0259 | AD36633 | 100.00 | ICOM IC-M710 |
| 4 | HCA221 | SMA0260 | AD36634 | 100.00 | ICOM IC-707 |
| 5 | HC203 | SMB0108 | AD36635 | 100.00 | ICOM IC-707 |
| 6 | HCO231 | SMC0029 | AD36636 | 100.00 | ICOM IC-707 |
| 7 | HCD204 | SMD0013 | AD36637 | 100.00 | ICOM IC-707 |
| 8 | HCR201 | SMR0013 | AD36638 | 100.00 | ICOM IC-728 |
| 9 | HCR202 | SMR0014 | AD36639 | 100.00 | ICOM IC-707 |
| 10 | HCA222 | SMA0261 | AD36640 | 100.00 | YAESU FT-840 |
| 11 | HCF203 | SMF0051 | AD36641 | 100.00 | ICOM IC-728 |
| 12 | HCG204 | SMG0024 | AD36642 | 100.00 | ICOM IC-707 |
| 13 | HCG205 | SMG0025 | AD36643 | 100.00 | ICOM IC-707 |
| 14 | HCA223 | SMA0262 | AD36644 | 100.00 | MOTOROLA M-100 |
| 15 | HCF201 | SMF0030 | AD36645 | 100.00 | ICOM IC-707 |
| 16 | HCK201 | SMK0004 | AD36646 | 100.00 | YAESU FT-840 |
| 17 | HCC203 | SMC0034 | AD36647 | 100.00 | ICOM IC-707 |
| 18 | HCL17 | SML0044 | AD36648 | 100.00 | ICOM IC-707 |
| 19 | HCL18 | SML0048 | AD36649 | 100.00 | ICOM IC-707 |
| 20 | HCL19 | SML0049 | AD36650 | 100.00 | ICOM IC-707 |
| 21 | HCH202 | SMH0008 | AD36651 | 100.00 | ICOM IC-707 |
| 22 | HCP202 | SMF0013 | AD36652 | 100.00 | ICOM IC-707 |
| 23 | HCX201 | SMX0005 | AD36653 | 100.00 | ICOM IC-M700 |
| 24 | HCT201 | SMT0055 | AD36654 | 100.00 | ICOM IC-728 |
| 25 | HCA224 | SMA0263 | AD36655 | 100.00 | VERTEX SYSTEM 600 |
| 26 | HCF204 | SMF0052 | AD36656 | 100.00 | VERTEX SYSTEM 600 |
| 27 | HCF205 | SMF0053 | AD36657 | 100.00 | VERTEX SYSTEM 600 |
| 28 | HCR203 | SMR0015 | AD36658 | 100.00 | VERTEX SYSTEM 600 |
| 29 | HCR204 | SMR0016 | AD36659 | 100.00 | VERTEX SYSTEM 600 |

Dado en Quito, 22 de Junio de 2006



Dr. Juan Carlos Solines Moreno
PRESIDENTE DEL CONATEL



Ab. Ana María Hidalgo Concha
SECRETARIA DEL CONATEL