

RESOLUCIÓN 629-32-CONATEL-2007

**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 COOPERATIVA DE TRANSPORTE "BRISAS DE SANTAY - PANORAMA" 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 COOPERATIVA DE TRANSPORTE "BRISAS DE SANTAY - PANORAMA". Las características técnicas del contrato son:

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

| DATOS DEL CONCESIONARIO: | | | | | | | | | |
|---|----------------|----------------|---|---|---|--------------------|--------------------|----------------------------|----------------------|
| NOMBRE: COOPERATIVA DE TRANSPORTE "BRISAS DE SANTAY - PANORAMA" | | | | | | | | | |
| Código SNT: 0942012 | | | Dirección: DURAN, VIA A YAGUACHI KM 7.5, ESTACION DE SERVICIO PANORAMA | | | | | | |
| Concesión (X) | | | | | Renovación () | | | | |
| PAGOS A EFECTUAR: | | | | | | | | | |
| DERECHOS DE CONCESION TOTAL DE (6) FRECUENCIAS(USD): 100.44 | | | | | TARIFA TOTAL POR USO DE (6) FRECUENCIAS(USD): 58.74 | | | | |
| 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.- La(s) estación(es) repetidora(s) y fija(s) que tiene(n) un asterisco en la columna de RNI, teóricamente sobrepasa(n) los límites de RNI establecidos en el Reglamento de Protección de Emisiones de Radiación No Ionizante Generada por Uso de Frecuencias del Espectro Radioeléctrico por lo que si la Superintendencia de Telecomunicaciones comprueba en las mediciones de campo realizadas de conformidad con los artículos 11 y 13 del mismo, que la radiación sobrepasa los límites permitidos, se deberá implementar la respectiva señalización de advertencia de acuerdo a establecido en el Artículo 16 del mencionado Reglamento. La(s) estación(es) repetidora(s) y fija(s) que no tiene(n) un asterisco en la columna de RNI, teóricamente no sobrepasa(n) dichos límites. | | | | | | | | | |
| CIRCUITO 1 | | | | | | | | | |
| CARACTERÍSTICAS TÉCNICAS: | | | | | | | | | |
| Nº Frec | Frec. Tx (MHz) | Frec. Rx (MHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) |
| 2 | 442.23750 | 447.23750 | 12.50 | 12K5F3E1N | SEMIDUPLEX | 24 HORAS | GUAYAS-LOS RIOS | 33.48 | 19.58 |
| CARACTERÍSTICAS DE LAS ESTRUCTURAS: | | | | | | | | | |
| Nº | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | | Latitud | Longitud | | |
| 1 | SAB0182 | GUAYAS | GUAYAQUIL | CERRO AZUL | | 02°09'58.00"S | 79°57'24.00"W | | |
| 2 | SMB0016 | GUAYAS | DURAN | KM 7.5 VIA A YAGUACHI, A UNA CUADRA DE LA GASOLINERA PETROCOMERCIAL | | 02°09'50.00"S | 79°46'44.00"W | | |
| 3 | SMB0908 | GUAYAS | DURAN | CDLA. EL RECREO, 2DA. ETAPA, MZ. Z 36, V32 | | 02°10'38.00"S | 79°48'31.00"W | | |
| CARACTERÍSTICAS DE LAS ANTENAS: | | | | | | | | | |
| Nº | Código | Tipo | | Ganancia (dB d) | | Azimut (°) | | Polarización | |
| 1 | AM49125 | MONOPOLO | | 10.00 | | ND. | | VERTICAL | |
| 2 | AM49126 | MONOPOLO | | 10.00 | | ND. | | VERTICAL | |
| 3 | AM49127 | MONOPOLO | | 10.00 | | ND. | | VERTICAL | |
| ESTACIONES REPETIDORAS (1) | | | | | | | | | |
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Altura Efectiva (m) | Equipo | RNI | | |
| 1 | HCW2935 | SAB0182 | AM49125 | 10.00 | 431.69 | MOTOROLA CDR-500 | | | |

2007-FMT-4137 / Augusta R.

| ESTACIONES FIJAS (2) | | | | | | |
|------------------------|------------|------------|---------|------------------|-------------------|-----|
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo | RNI |
| 1 | HCW3529 | SMB 0016 | AM49126 | 10.00 | MOTOROLA PRO-5100 | |
| 2 | HCW3554 | SMB 0908 | AM49127 | 10.00 | MOTOROLA PRO-5100 | |

| ESTACIONES MOVILES (119) | | | | | | | | | | | |
|----------------------------|------------|------------------|-------------------|-----|------------|------------------|-------------------|-----|------------|------------------|-------------------|
| Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo |
| 1 | HCB7836 | 10.00 | MOTOROLA PRO-5100 | 2 | HCW6450 | 10.00 | MOTOROLA PRO-5100 | 3 | HCW6459 | 10.00 | MOTOROLA PRO-5100 |
| 4 | HCW6460 | 10.00 | MOTOROLA PRO-5100 | 5 | HCW6461 | 10.00 | MOTOROLA PRO-5100 | 6 | HCW6462 | 10.00 | MOTOROLA PRO-5100 |
| 7 | HCW6463 | 10.00 | MOTOROLA PRO-5100 | 8 | HCW6464 | 10.00 | MOTOROLA PRO-5100 | 9 | HCW6465 | 10.00 | MOTOROLA PRO-5100 |
| 10 | HCW6466 | 10.00 | MOTOROLA PRO-5100 | 11 | HCW6467 | 10.00 | MOTOROLA PRO-5100 | 12 | HCW6468 | 10.00 | MOTOROLA PRO-5100 |
| 13 | HCW6469 | 10.00 | MOTOROLA PRO-5100 | 14 | HCW6470 | 10.00 | MOTOROLA PRO-5100 | 15 | HCW6471 | 10.00 | MOTOROLA PRO-5100 |
| 16 | HCW6472 | 10.00 | MOTOROLA PRO-5100 | 17 | HCW6473 | 10.00 | MOTOROLA PRO-5100 | 18 | HCW6474 | 10.00 | MOTOROLA PRO-5100 |
| 19 | HCW6475 | 10.00 | MOTOROLA PRO-5100 | 20 | HCW6476 | 10.00 | MOTOROLA PRO-5100 | 21 | HCW6477 | 10.00 | MOTOROLA PRO-5100 |
| 22 | HCW6478 | 10.00 | MOTOROLA PRO-5100 | 23 | HCW6479 | 10.00 | MOTOROLA PRO-5100 | 24 | HCW6480 | 10.00 | MOTOROLA PRO-5100 |
| 25 | HCW6481 | 10.00 | MOTOROLA PRO-5100 | 26 | HCW6482 | 10.00 | MOTOROLA PRO-5100 | 27 | HCW6483 | 10.00 | MOTOROLA PRO-5100 |
| 28 | HCW6484 | 10.00 | MOTOROLA PRO-5100 | 29 | HCW6485 | 10.00 | MOTOROLA PRO-5100 | 30 | HCW6486 | 10.00 | MOTOROLA PRO-5100 |
| 31 | HCW6487 | 10.00 | MOTOROLA PRO-5100 | 32 | HCW6488 | 10.00 | MOTOROLA PRO-5100 | 33 | HCW6489 | 10.00 | MOTOROLA PRO-5100 |
| 34 | HCW6490 | 10.00 | MOTOROLA PRO-5100 | 35 | HCW6491 | 10.00 | MOTOROLA PRO-5100 | 36 | HCW6492 | 10.00 | MOTOROLA PRO-5100 |
| 37 | HCW6493 | 10.00 | MOTOROLA PRO-5100 | 38 | HCW6494 | 10.00 | MOTOROLA PRO-5100 | 39 | HCW6495 | 10.00 | MOTOROLA PRO-5100 |
| 40 | HCW6496 | 10.00 | MOTOROLA PRO-5100 | 41 | HCW6497 | 10.00 | MOTOROLA PRO-5100 | 42 | HCW6498 | 10.00 | MOTOROLA PRO-5100 |
| 43 | HCW6499 | 10.00 | MOTOROLA PRO-5100 | 44 | HCW6500 | 10.00 | MOTOROLA PRO-5100 | 45 | HCW6501 | 10.00 | MOTOROLA PRO-5100 |
| 46 | HCW6502 | 10.00 | MOTOROLA PRO-5100 | 47 | HCW6503 | 10.00 | MOTOROLA PRO-5100 | 48 | HCW6504 | 10.00 | MOTOROLA PRO-5100 |
| 49 | HCW6505 | 10.00 | MOTOROLA PRO-5100 | 50 | HCW6506 | 10.00 | MOTOROLA PRO-5100 | 51 | HCW6507 | 10.00 | MOTOROLA PRO-5100 |
| 52 | HCW6508 | 10.00 | MOTOROLA PRO-5100 | 53 | HCW6509 | 10.00 | MOTOROLA PRO-5100 | 54 | HCW6510 | 10.00 | MOTOROLA PRO-5100 |
| 55 | HCW6511 | 10.00 | MOTOROLA PRO-5100 | 56 | HCW6512 | 10.00 | MOTOROLA PRO-5100 | 57 | HCW6513 | 10.00 | MOTOROLA PRO-5100 |
| 58 | HCW6514 | 10.00 | MOTOROLA PRO-5100 | 59 | HCW6515 | 10.00 | MOTOROLA PRO-5100 | 60 | HCW6516 | 10.00 | MOTOROLA PRO-5100 |
| 61 | HCW6518 | 10.00 | MOTOROLA PRO-5100 | 62 | HCW6519 | 10.00 | MOTOROLA PRO-5100 | 63 | HCW6520 | 10.00 | MOTOROLA PRO-5100 |
| 64 | HCW6521 | 10.00 | MOTOROLA PRO-5100 | 65 | HCW6522 | 10.00 | MOTOROLA PRO-5100 | 66 | HCW6523 | 10.00 | MOTOROLA PRO-5100 |
| 67 | HCW6524 | 10.00 | MOTOROLA PRO-5100 | 68 | HCW6525 | 10.00 | MOTOROLA PRO-5100 | 69 | HCW6526 | 10.00 | MOTOROLA PRO-5100 |
| 70 | HCW6527 | 10.00 | MOTOROLA PRO-5100 | 71 | HCW6528 | 10.00 | MOTOROLA PRO-5100 | 72 | HCW6529 | 10.00 | MOTOROLA PRO-5100 |
| 73 | HCW6530 | 10.00 | MOTOROLA PRO-5100 | 74 | HCW6531 | 10.00 | MOTOROLA PRO-5100 | 75 | HCW6532 | 10.00 | MOTOROLA PRO-5100 |
| 76 | HCW6533 | 10.00 | MOTOROLA PRO-5100 | 77 | HCW6534 | 10.00 | MOTOROLA PRO-5100 | 78 | HCW6535 | 10.00 | MOTOROLA PRO-5100 |
| 79 | HCW6536 | 10.00 | MOTOROLA PRO-5100 | 80 | HCW6537 | 10.00 | MOTOROLA PRO-5100 | 81 | HCW6538 | 10.00 | MOTOROLA PRO-5100 |
| 82 | HCW6549 | 10.00 | MOTOROLA PRO-5100 | 83 | HCW6591 | 10.00 | MOTOROLA PRO-5100 | 84 | HCW6593 | 10.00 | MOTOROLA PRO-5100 |
| 85 | HCW6594 | 10.00 | MOTOROLA PRO-5100 | 86 | HCW6600 | 10.00 | MOTOROLA PRO-5100 | 87 | HCW6602 | 10.00 | MOTOROLA PRO-5100 |
| 88 | HCW6603 | 10.00 | MOTOROLA PRO-5100 | 89 | HCW6644 | 10.00 | MOTOROLA PRO-5100 | 90 | HCW6645 | 10.00 | MOTOROLA PRO-5100 |
| 91 | HCW6646 | 10.00 | MOTOROLA PRO-5100 | 92 | HCW6647 | 10.00 | MOTOROLA PRO-5100 | 93 | HCW6648 | 10.00 | MOTOROLA PRO-5100 |
| 94 | HCW6649 | 10.00 | MOTOROLA PRO-5100 | 95 | HCW6650 | 10.00 | MOTOROLA PRO-5100 | 96 | HCW6651 | 10.00 | MOTOROLA PRO-5100 |
| 97 | HCW6663 | 10.00 | MOTOROLA PRO-5100 | 98 | HCW6664 | 10.00 | MOTOROLA PRO-5100 | 99 | HCW6665 | 10.00 | MOTOROLA PRO-5100 |
| 100 | HCW6666 | 10.00 | MOTOROLA PRO-5100 | 101 | HCW6671 | 10.00 | MOTOROLA PRO-5100 | 102 | HCW6672 | 10.00 | MOTOROLA PRO-5100 |
| 103 | HCW6673 | 10.00 | MOTOROLA PRO-5100 | 104 | HCW6674 | 10.00 | MOTOROLA PRO-5100 | 105 | HCW6675 | 10.00 | MOTOROLA PRO-5100 |
| 106 | HCW6676 | 10.00 | MOTOROLA PRO-5100 | 107 | HCW6677 | 10.00 | MOTOROLA PRO-5100 | 108 | HCW6678 | 10.00 | MOTOROLA PRO-5100 |
| 109 | HCW6679 | 10.00 | MOTOROLA PRO-5100 | 110 | HCW6680 | 10.00 | MOTOROLA PRO-5100 | 111 | HCW6682 | 10.00 | MOTOROLA PRO-5100 |
| 112 | HCW6683 | 10.00 | MOTOROLA PRO-5100 | 113 | HCW6684 | 10.00 | MOTOROLA PRO-5100 | 114 | HCW6685 | 10.00 | MOTOROLA PRO-5100 |
| 115 | HCW6686 | 10.00 | MOTOROLA PRO-5100 | 116 | HCW6687 | 10.00 | MOTOROLA PRO-5100 | 117 | HCW6688 | 10.00 | MOTOROLA PRO-5100 |
| 118 | HCW6689 | 10.00 | MOTOROLA PRO-5100 | 119 | HCW6690 | 10.00 | MOTOROLA PRO-5100 | | | | |

| ESTACIONES PORTATILES (27) | | | | | | | | | | | |
|------------------------------|------------|------------------|-------------------|----|------------|------------------|-------------------|----|------------|------------------|-------------------|
| Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo |
| 1 | HCW6691 | 4.00 | MOTOROLA PRO-5150 | 2 | HCW6692 | 4.00 | MOTOROLA PRO-5150 | 3 | HCW6693 | 4.00 | MOTOROLA PRO-5150 |
| 4 | HCW6694 | 4.00 | MOTOROLA PRO-5150 | 5 | HCW6695 | 4.00 | MOTOROLA PRO-5150 | 6 | HCW6696 | 4.00 | MOTOROLA PRO-5150 |
| 7 | HCW6697 | 4.00 | MOTOROLA PRO-5150 | 8 | HCW6698 | 4.00 | MOTOROLA PRO-5150 | 9 | HCW6699 | 4.00 | MOTOROLA PRO-5150 |
| 10 | HCW6700 | 4.00 | MOTOROLA PRO-5150 | 11 | HCW6701 | 4.00 | MOTOROLA PRO-5150 | 12 | HCW6747 | 4.00 | MOTOROLA PRO-5150 |
| 13 | HCW6748 | 4.00 | MOTOROLA PRO-5150 | 14 | HCW6749 | 4.00 | MOTOROLA PRO-5150 | 15 | HCW6750 | 4.00 | MOTOROLA PRO-5150 |
| 16 | HCW6751 | 4.00 | MOTOROLA PRO-5150 | 17 | HCW6752 | 4.00 | MOTOROLA PRO-5150 | 18 | HCW6753 | 4.00 | MOTOROLA PRO-5150 |
| 19 | HCW6754 | 4.00 | MOTOROLA PRO-5150 | 20 | HCW6755 | 4.00 | MOTOROLA PRO-5150 | 21 | HCW6756 | 4.00 | MOTOROLA PRO-5150 |
| 22 | HCW6757 | 4.00 | MOTOROLA PRO-5150 | 23 | HCW6758 | 4.00 | MOTOROLA PRO-5150 | 24 | HCW6759 | 4.00 | MOTOROLA PRO-5150 |

| 25 | HCW6760 | 4.00 | MOTOROLA PRO-5150 | 26 | HCW6761 | 4.00 | MOTOROLA PRO-5150 | 27 | HCW6762 | 4.00 | MOTOROLA PRO-5150 |
|--|----------------|----------------|---------------------|---|---------------------|--------------------|--------------------|----------------------------|----------------------|------|-------------------|
| CIRCUITO 2 | | | | | | | | | | | |
| CARACTERÍSTICAS TÉCNICAS: | | | | | | | | | | | |
| Nº Frec | Frec. Tx (MHz) | Frec. Rx (MHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) | | |
| 2 | 442.26250 | 447.26250 | 12.50 | 12K5F3EJN | SEMIDUPLEX | 24 HORAS | GUAYAS-LOS RIOS | 33.48 | 19.58 | | |
| CARACTERÍSTICAS DE LAS ESTRUCTURAS: | | | | | | | | | | | |
| Nº | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | Latitud | Longitud | | | | | |
| 1 | SAB0182 | GUAYAS | GUAYAQUIL | CERRO AZUL | 02°09'58.00"S | 79°57'24.00"W | | | | | |
| 2 | SMB0016 | GUAYAS | DURAN | KM 7.5 VIA A YAGUACHI, A UNA CUADRA DE LA GASOLINERA PETROCOMERCIAL | 02°09'50.00"S | 79°46'44.00"W | | | | | |
| 3 | SMB0908 | GUAYAS | DURAN | CDLA. EL RECREO, 2DA. ETAPA, MZ. Z 36, V32 | 02°10'38.00"S | 79°48'31.00"W | | | | | |
| CARACTERÍSTICAS DE LAS ANTENAS: | | | | | | | | | | | |
| Nº | Código | Tipo | Ganancia (dBd) | Azimut (°) | Polarización | | | | | | |
| 1 | AM49128 | MONOPOLO | 10.00 | N.D. | VERTICAL | | | | | | |
| 2 | AM49126 | MONOPOLO | 10.00 | N.D. | VERTICAL | | | | | | |
| 3 | AM49127 | MONOPOLO | 10.00 | N.D. | VERTICAL | | | | | | |
| ESTACIONES REPETIDORAS (1) | | | | | | | | | | | |
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Altura Efectiva (m) | Equipo | RNI | | | | |
| 1 | HCW3522 | SAB0182 | AM49128 | 10.00 | 431.69 | MOTOROLA CDR-500 | | | | | |
| ESTACIONES FIJAS (2) | | | | | | | | | | | |
| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo | RNI | | | | | |
| 1 | HCW3529 | SMB0016 | AM49126 | 10.00 | MOTOROLA PRO-5100 | | | | | | |
| 2 | HCW3554 | SMB0908 | AM49127 | 10.00 | MOTOROLA PRO-5100 | | | | | | |

| ESTACIONES MÓVILES (119) | | | | | | | | | | | |
|-----------------------------------|------------|------------------|-------------------|----|------------|------------------|-------------------|----|------------|------------------|-------------------|
| Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo |
| 1 | HCW7836 | 10.00 | MOTOROLA PRO-5100 | 2 | HCW6450 | 10.00 | MOTOROLA PRO-5100 | 3 | HCW6459 | 10.00 | MOTOROLA PRO-5100 |
| 4 | HCW6460 | 10.00 | MOTOROLA PRO-5100 | 5 | HCW6461 | 10.00 | MOTOROLA PRO-5100 | 6 | HCW6462 | 10.00 | MOTOROLA PRO-5100 |
| 7 | HCW6463 | 10.00 | MOTOROLA PRO-5100 | 8 | HCW6464 | 10.00 | MOTOROLA PRO-5100 | 9 | HCW6465 | 10.00 | MOTOROLA PRO-5100 |
| 10 | HCW6466 | 10.00 | MOTOROLA PRO-5100 | 11 | HCW6467 | 10.00 | MOTOROLA PRO-5100 | 12 | HCW6468 | 10.00 | MOTOROLA PRO-5100 |
| 13 | HCW6469 | 10.00 | MOTOROLA PRO-5100 | 14 | HCW6470 | 10.00 | MOTOROLA PRO-5100 | 15 | HCW6471 | 10.00 | MOTOROLA PRO-5100 |
| 16 | HCW6472 | 10.00 | MOTOROLA PRO-5100 | 17 | HCW6473 | 10.00 | MOTOROLA PRO-5100 | 18 | HCW6474 | 10.00 | MOTOROLA PRO-5100 |
| 19 | HCW6475 | 10.00 | MOTOROLA PRO-5100 | 20 | HCW6476 | 10.00 | MOTOROLA PRO-5100 | 21 | HCW6477 | 10.00 | MOTOROLA PRO-5100 |
| 22 | HCW6478 | 10.00 | MOTOROLA PRO-5100 | 23 | HCW6479 | 10.00 | MOTOROLA PRO-5100 | 24 | HCW6480 | 10.00 | MOTOROLA PRO-5100 |
| 25 | HCW6481 | 10.00 | MOTOROLA PRO-5100 | 26 | HCW6482 | 10.00 | MOTOROLA PRO-5100 | 27 | HCW6483 | 10.00 | MOTOROLA PRO-5100 |
| 28 | HCW6484 | 10.00 | MOTOROLA PRO-5100 | 29 | HCW6485 | 10.00 | MOTOROLA PRO-5100 | 30 | HCW6486 | 10.00 | MOTOROLA PRO-5100 |
| 31 | HCW6487 | 10.00 | MOTOROLA PRO-5100 | 32 | HCW6488 | 10.00 | MOTOROLA PRO-5100 | 33 | HCW6489 | 10.00 | MOTOROLA PRO-5100 |
| 34 | HCW6490 | 10.00 | MOTOROLA PRO-5100 | 35 | HCW6491 | 10.00 | MOTOROLA PRO-5100 | 36 | HCW6492 | 10.00 | MOTOROLA PRO-5100 |
| 37 | HCW6493 | 10.00 | MOTOROLA PRO-5100 | 38 | HCW6494 | 10.00 | MOTOROLA PRO-5100 | 39 | HCW6495 | 10.00 | MOTOROLA PRO-5100 |
| 40 | HCW6496 | 10.00 | MOTOROLA PRO-5100 | 41 | HCW6497 | 10.00 | MOTOROLA PRO-5100 | 42 | HCW6498 | 10.00 | MOTOROLA PRO-5100 |
| 43 | HCW6499 | 10.00 | MOTOROLA PRO-5100 | 44 | HCW6500 | 10.00 | MOTOROLA PRO-5100 | 45 | HCW6501 | 10.00 | MOTOROLA PRO-5100 |
| 46 | HCW6502 | 10.00 | MOTOROLA PRO-5100 | 47 | HCW6503 | 10.00 | MOTOROLA PRO-5100 | 48 | HCW6504 | 10.00 | MOTOROLA PRO-5100 |
| 49 | HCW6505 | 10.00 | MOTOROLA PRO-5100 | 50 | HCW6506 | 10.00 | MOTOROLA PRO-5100 | 51 | HCW6507 | 10.00 | MOTOROLA PRO-5100 |
| 52 | HCW6508 | 10.00 | MOTOROLA PRO-5100 | 53 | HCW6509 | 10.00 | MOTOROLA PRO-5100 | 54 | HCW6510 | 10.00 | MOTOROLA PRO-5100 |
| 55 | HCW6511 | 10.00 | MOTOROLA PRO-5100 | 56 | HCW6512 | 10.00 | MOTOROLA PRO-5100 | 57 | HCW6513 | 10.00 | MOTOROLA PRO-5100 |
| 58 | HCW6514 | 10.00 | MOTOROLA PRO-5100 | 59 | HCW6515 | 10.00 | MOTOROLA PRO-5100 | 60 | HCW6516 | 10.00 | MOTOROLA PRO-5100 |
| 61 | HCW6518 | 10.00 | MOTOROLA PRO-5100 | 62 | HCW6519 | 10.00 | MOTOROLA PRO-5100 | 63 | HCW6520 | 10.00 | MOTOROLA PRO-5100 |
| 64 | HCW6521 | 10.00 | MOTOROLA PRO-5100 | 65 | HCW6522 | 10.00 | MOTOROLA PRO-5100 | 66 | HCW6523 | 10.00 | MOTOROLA PRO-5100 |
| 67 | HCW6524 | 10.00 | MOTOROLA PRO-5100 | 68 | HCW6525 | 10.00 | MOTOROLA PRO-5100 | 69 | HCW6526 | 10.00 | MOTOROLA PRO-5100 |
| 70 | HCW6527 | 10.00 | MOTOROLA PRO-5100 | 71 | HCW6528 | 10.00 | MOTOROLA PRO-5100 | 72 | HCW6529 | 10.00 | MOTOROLA PRO-5100 |
| 73 | HCW6530 | 10.00 | MOTOROLA PRO-5100 | 74 | HCW6531 | 10.00 | MOTOROLA PRO-5100 | 75 | HCW6532 | 10.00 | MOTOROLA PRO-5100 |
| 76 | HCW6533 | 10.00 | MOTOROLA PRO-5100 | 77 | HCW6534 | 10.00 | MOTOROLA PRO-5100 | 78 | HCW6535 | 10.00 | MOTOROLA PRO-5100 |
| 79 | HCW6536 | 10.00 | MOTOROLA PRO-5100 | 80 | HCW6537 | 10.00 | MOTOROLA PRO-5100 | 81 | HCW6538 | 10.00 | MOTOROLA PRO-5100 |
| 82 | HCW6549 | 10.00 | MOTOROLA PRO-5100 | 83 | HCW6591 | 10.00 | MOTOROLA PRO-5100 | 84 | HCW6593 | 10.00 | MOTOROLA PRO-5100 |
| 85 | HCW6594 | 10.00 | MOTOROLA PRO-5100 | 86 | HCW6600 | 10.00 | MOTOROLA PRO-5100 | 87 | HCW6602 | 10.00 | MOTOROLA PRO-5100 |
| 88 | HCW6603 | 10.00 | MOTOROLA PRO-5100 | 89 | HCW6644 | 10.00 | MOTOROLA PRO-5100 | 90 | HCW6645 | 10.00 | MOTOROLA PRO-5100 |

| | | | | | | | | | | | |
|-----|---------|-------|-------------------|-----|---------|-------|-------------------|-----|---------|-------|-------------------|
| 91 | HCW6646 | 10.00 | MOTOROLA PRO-5100 | 92 | HCW6647 | 10.00 | MOTOROLA PRO-5100 | 93 | HCW6648 | 10.00 | MOTOROLA PRO-5100 |
| 94 | HCW6649 | 10.00 | MOTOROLA PRO-5100 | 95 | HCW6650 | 10.00 | MOTOROLA PRO-5100 | 96 | HCW6651 | 10.00 | MOTOROLA PRO-5100 |
| 97 | HCW6653 | 10.00 | MOTOROLA PRO-5100 | 98 | HCW6654 | 10.00 | MOTOROLA PRO-5100 | 99 | HCW6655 | 10.00 | MOTOROLA PRO-5100 |
| 100 | HCW6656 | 10.00 | MOTOROLA PRO-5100 | 101 | HCW6657 | 10.00 | MOTOROLA PRO-5100 | 102 | HCW6672 | 10.00 | MOTOROLA PRO-5100 |
| 103 | HCW6673 | 10.00 | MOTOROLA PRO-5100 | 104 | HCW6674 | 10.00 | MOTOROLA PRO-5100 | 105 | HCW6675 | 10.00 | MOTOROLA PRO-5100 |
| 106 | HCW6676 | 10.00 | MOTOROLA PRO-5100 | 107 | HCW6677 | 10.00 | MOTOROLA PRO-5100 | 108 | HCW6678 | 10.00 | MOTOROLA PRO-5100 |
| 109 | HCW6679 | 10.00 | MOTOROLA PRO-5100 | 110 | HCW6680 | 10.00 | MOTOROLA PRO-5100 | 111 | HCW6682 | 10.00 | MOTOROLA PRO-5100 |
| 112 | HCW6683 | 10.00 | MOTOROLA PRO-5100 | 113 | HCW6684 | 10.00 | MOTOROLA PRO-5100 | 114 | HCW6685 | 10.00 | MOTOROLA PRO-5100 |
| 115 | HCW6686 | 10.00 | MOTOROLA PRO-5100 | 116 | HCW6687 | 10.00 | MOTOROLA PRO-5100 | 117 | HCW6688 | 10.00 | MOTOROLA PRO-5100 |
| 118 | HCW6689 | 10.00 | MOTOROLA PRO-5100 | 119 | HCW6690 | 10.00 | MOTOROLA PRO-5100 | | | | |

ESTACIONES PORTATILES (27)

| Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo |
|----|------------|------------------|-------------------|----|------------|------------------|-------------------|----|------------|------------------|-------------------|
| 1 | HCW6691 | 4.00 | MOTOROLA PRO-5150 | 2 | HCW6692 | 4.00 | MOTOROLA PRO-5150 | 3 | HCW6693 | 4.00 | MOTOROLA PRO-5150 |
| 4 | HCW6694 | 4.00 | MOTOROLA PRO-5150 | 5 | HCW6695 | 4.00 | MOTOROLA PRO-5150 | 6 | HCW6696 | 4.00 | MOTOROLA PRO-5150 |
| 7 | HCW6697 | 4.00 | MOTOROLA PRO-5150 | 8 | HCW6698 | 4.00 | MOTOROLA PRO-5150 | 9 | HCW6699 | 4.00 | MOTOROLA PRO-5150 |
| 10 | HCW6700 | 4.00 | MOTOROLA PRO-5150 | 11 | HCW6701 | 4.00 | MOTOROLA PRO-5150 | 12 | HCW6747 | 4.00 | MOTOROLA PRO-5150 |
| 13 | HCW6748 | 4.00 | MOTOROLA PRO-5150 | 14 | HCW6749 | 4.00 | MOTOROLA PRO-5150 | 15 | HCW6750 | 4.00 | MOTOROLA PRO-5150 |
| 16 | HCW6751 | 4.00 | MOTOROLA PRO-5150 | 17 | HCW6752 | 4.00 | MOTOROLA PRO-5150 | 18 | HCW6753 | 4.00 | MOTOROLA PRO-5150 |
| 19 | HCW6754 | 4.00 | MOTOROLA PRO-5150 | 20 | HCW6755 | 4.00 | MOTOROLA PRO-5150 | 21 | HCW6756 | 4.00 | MOTOROLA PRO-5150 |
| 22 | HCW6757 | 4.00 | MOTOROLA PRO-5150 | 23 | HCW6758 | 4.00 | MOTOROLA PRO-5150 | 24 | HCW6759 | 4.00 | MOTOROLA PRO-5150 |
| 25 | HCW6760 | 4.00 | MOTOROLA PRO-5150 | 26 | HCW6761 | 4.00 | MOTOROLA PRO-5150 | 27 | HCW6762 | 4.00 | MOTOROLA PRO-5150 |

CIRCUITO 3**CARACTERÍSTICAS TÉCNICAS:**

| Nº Frec | Frec. Tx (MHz) | Frec. Rx (MHz) | Anchura Banda (kHz) | Tipo de Emisión | Modo de Operación | Horario de Trabajo | Áreas de Operación | Derecho de Concesión (USD) | Tarifa Mensual (USD) |
|---------|----------------|----------------|---------------------|-----------------|-------------------|--------------------|--------------------|----------------------------|----------------------|
| 2 | 442.28750 | 447.28750 | 12.50 | 12K5F3E1N | SEMIDUPLEX | 24 HORAS | GUAYAS-LOS RIOS | 33.48 | 19.58 |

CARACTERÍSTICAS DE LAS ESTRUCTURAS:

| Nº | Código | Provincia | Ciudad o Cantón | Dirección o Localidad | Latitud | Longitud |
|----|---------|-----------|-----------------|---|---------------|---------------|
| 1 | SAB0182 | GUAYAS | GUAYAQUIL | CERRO AZUL | 02°09'58.00"S | 79°57'24.00"W |
| 2 | SMB0016 | GUAYAS | DURAN | KM 7.5 VIA A YAGUACHI, A UNA CUADRA DE LA GASOLINERA PETROCOMERCIAL | 02°09'50.00"S | 79°46'44.00"W |
| 3 | SMB0908 | GUAYAS | DURAN | CDLA. EL RECREO, 2DA. ETAPA, MZ. Z 36, V32 | 02°10'38.00"S | 79°48'31.00"W |

CARACTERÍSTICAS DE LAS ANTENAS:

| Nº | Código | Tipo | Ganancia (dBd) | Azimut (°) | Polarización |
|----|---------|----------|----------------|------------|--------------|
| 1 | AM49131 | MONOPOLO | 10.00 | N.D. | VERTICAL |
| 2 | AM49126 | MONOPOLO | 10.00 | N.D. | VERTICAL |
| 3 | AM49127 | MONOPOLO | 10.00 | N.D. | VERTICAL |

ESTACIONES REPETIDORAS (1)

| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Altura Efectiva (m) | Equipo | RNI |
|----|------------|------------|---------|------------------|---------------------|------------------|-----|
| 1 | HCW3526 | SAB0182 | AM49131 | 10.00 | 431.69 | MOTOROLA CDR-500 | |

ESTACIONES FIJAS (2)

| Nº | Indicativo | Estructura | Antena | Potencia (Watts) | Equipo | RNI |
|----|------------|------------|---------|------------------|-------------------|-----|
| 1 | HCW3529 | SMB0016 | AM49126 | 10.00 | MOTOROLA PRO-5100 | |
| 2 | HCW3554 | SMB0908 | AM49127 | 10.00 | MOTOROLA PRO-5100 | |

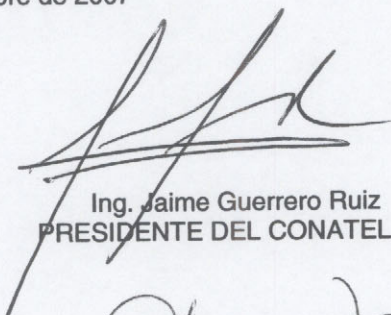
ESTACIONES MÓVILES (119)

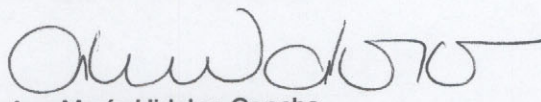
| Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo |
|----|------------|------------------|-------------------|----|------------|------------------|-------------------|----|------------|------------------|-------------------|
| 1 | HCW7836 | 10.00 | MOTOROLA PRO-5100 | 2 | HCW6450 | 10.00 | MOTOROLA PRO-5100 | 3 | HCW6459 | 10.00 | MOTOROLA PRO-5100 |
| 4 | HCW6460 | 10.00 | MOTOROLA PRO-5100 | 5 | HCW6461 | 10.00 | MOTOROLA PRO-5100 | 6 | HCW6462 | 10.00 | MOTOROLA PRO-5100 |
| 7 | HCW6463 | 10.00 | MOTOROLA PRO-5100 | 8 | HCW6464 | 10.00 | MOTOROLA PRO-5100 | 9 | HCW6465 | 10.00 | MOTOROLA PRO-5100 |
| 10 | HCW6466 | 10.00 | MOTOROLA PRO-5100 | 11 | HCW6467 | 10.00 | MOTOROLA PRO-5100 | 12 | HCW6468 | 10.00 | MOTOROLA PRO-5100 |
| 13 | HCW6469 | 10.00 | MOTOROLA PRO-5100 | 14 | HCW6470 | 10.00 | MOTOROLA PRO-5100 | 15 | HCW6471 | 10.00 | MOTOROLA PRO-5100 |
| 16 | HCW6472 | 10.00 | MOTOROLA PRO-5100 | 17 | HCW6473 | 10.00 | MOTOROLA PRO-5100 | 18 | HCW6474 | 10.00 | MOTOROLA PRO-5100 |
| 19 | HCW6475 | 10.00 | MOTOROLA PRO-5100 | 20 | HCW6476 | 10.00 | MOTOROLA PRO-5100 | 21 | HCW6477 | 10.00 | MOTOROLA PRO-5100 |

| | | | | | | | | | | | |
|-----|---------|-------|-------------------|-----|---------|-------|-------------------|-----|---------|-------|-------------------|
| 22 | HCW6478 | 10.00 | MOTOROLA PRO-5100 | 23 | HCW6479 | 10.00 | MOTOROLA PRO-5100 | 24 | HCW6480 | 10.00 | MOTOROLA PRO-5100 |
| 25 | HCW6481 | 10.00 | MOTOROLA PRO-5100 | 26 | HCW6482 | 10.00 | MOTOROLA PRO-5100 | 27 | HCW6483 | 10.00 | MOTOROLA PRO-5100 |
| 28 | HCW6484 | 10.00 | MOTOROLA PRO-5100 | 29 | HCW6485 | 10.00 | MOTOROLA PRO-5100 | 30 | HCW6486 | 10.00 | MOTOROLA PRO-5100 |
| 31 | HCW6487 | 10.00 | MOTOROLA PRO-5100 | 32 | HCW6488 | 10.00 | MOTOROLA PRO-5100 | 33 | HCW6489 | 10.00 | MOTOROLA PRO-5100 |
| 34 | HCW6490 | 10.00 | MOTOROLA PRO-5100 | 35 | HCW6491 | 10.00 | MOTOROLA PRO-5100 | 36 | HCW6492 | 10.00 | MOTOROLA PRO-5100 |
| 37 | HCW6493 | 10.00 | MOTOROLA PRO-5100 | 38 | HCW6494 | 10.00 | MOTOROLA PRO-5100 | 39 | HCW6495 | 10.00 | MOTOROLA PRO-5100 |
| 40 | HCW6496 | 10.00 | MOTOROLA PRO-5100 | 41 | HCW6497 | 10.00 | MOTOROLA PRO-5100 | 42 | HCW6498 | 10.00 | MOTOROLA PRO-5100 |
| 43 | HCW6499 | 10.00 | MOTOROLA PRO-5100 | 44 | HCW6500 | 10.00 | MOTOROLA PRO-5100 | 45 | HCW6501 | 10.00 | MOTOROLA PRO-5100 |
| 46 | HCW6502 | 10.00 | MOTOROLA PRO-5100 | 47 | HCW6503 | 10.00 | MOTOROLA PRO-5100 | 48 | HCW6504 | 10.00 | MOTOROLA PRO-5100 |
| 49 | HCW6505 | 10.00 | MOTOROLA PRO-5100 | 50 | HCW6506 | 10.00 | MOTOROLA PRO-5100 | 51 | HCW6507 | 10.00 | MOTOROLA PRO-5100 |
| 52 | HCW6508 | 10.00 | MOTOROLA PRO-5100 | 53 | HCW6509 | 10.00 | MOTOROLA PRO-5100 | 54 | HCW6510 | 10.00 | MOTOROLA PRO-5100 |
| 55 | HCW6511 | 10.00 | MOTOROLA PRO-5100 | 56 | HCW6512 | 10.00 | MOTOROLA PRO-5100 | 57 | HCW6513 | 10.00 | MOTOROLA PRO-5100 |
| 58 | HCW6514 | 10.00 | MOTOROLA PRO-5100 | 59 | HCW6515 | 10.00 | MOTOROLA PRO-5100 | 60 | HCW6516 | 10.00 | MOTOROLA PRO-5100 |
| 61 | HCW6518 | 10.00 | MOTOROLA PRO-5100 | 62 | HCW6519 | 10.00 | MOTOROLA PRO-5100 | 63 | HCW6520 | 10.00 | MOTOROLA PRO-5100 |
| 64 | HCW6521 | 10.00 | MOTOROLA PRO-5100 | 65 | HCW6522 | 10.00 | MOTOROLA PRO-5100 | 66 | HCW6523 | 10.00 | MOTOROLA PRO-5100 |
| 67 | HCW6524 | 10.00 | MOTOROLA PRO-5100 | 68 | HCW6525 | 10.00 | MOTOROLA PRO-5100 | 69 | HCW6526 | 10.00 | MOTOROLA PRO-5100 |
| 70 | HCW6527 | 10.00 | MOTOROLA PRO-5100 | 71 | HCW6528 | 10.00 | MOTOROLA PRO-5100 | 72 | HCW6529 | 10.00 | MOTOROLA PRO-5100 |
| 73 | HCW6530 | 10.00 | MOTOROLA PRO-5100 | 74 | HCW6531 | 10.00 | MOTOROLA PRO-5100 | 75 | HCW6532 | 10.00 | MOTOROLA PRO-5100 |
| 76 | HCW6533 | 10.00 | MOTOROLA PRO-5100 | 77 | HCW6534 | 10.00 | MOTOROLA PRO-5100 | 78 | HCW6535 | 10.00 | MOTOROLA PRO-5100 |
| 79 | HCW6536 | 10.00 | MOTOROLA PRO-5100 | 80 | HCW6537 | 10.00 | MOTOROLA PRO-5100 | 81 | HCW6538 | 10.00 | MOTOROLA PRO-5100 |
| 82 | HCW6549 | 10.00 | MOTOROLA PRO-5100 | 83 | HCW6591 | 10.00 | MOTOROLA PRO-5100 | 84 | HCW6593 | 10.00 | MOTOROLA PRO-5100 |
| 85 | HCW6594 | 10.00 | MOTOROLA PRO-5100 | 86 | HCW6600 | 10.00 | MOTOROLA PRO-5100 | 87 | HCW6602 | 10.00 | MOTOROLA PRO-5100 |
| 88 | HCW6603 | 10.00 | MOTOROLA PRO-5100 | 89 | HCW6644 | 10.00 | MOTOROLA PRO-5100 | 90 | HCW6645 | 10.00 | MOTOROLA PRO-5100 |
| 91 | HCW6646 | 10.00 | MOTOROLA PRO-5100 | 92 | HCW6647 | 10.00 | MOTOROLA PRO-5100 | 93 | HCW6648 | 10.00 | MOTOROLA PRO-5100 |
| 94 | HCW6649 | 10.00 | MOTOROLA PRO-5100 | 95 | HCW6650 | 10.00 | MOTOROLA PRO-5100 | 96 | HCW6651 | 10.00 | MOTOROLA PRO-5100 |
| 97 | HCW6663 | 10.00 | MOTOROLA PRO-5100 | 98 | HCW6664 | 10.00 | MOTOROLA PRO-5100 | 99 | HCW6665 | 10.00 | MOTOROLA PRO-5100 |
| 100 | HCW6666 | 10.00 | MOTOROLA PRO-5100 | 101 | HCW6671 | 10.00 | MOTOROLA PRO-5100 | 102 | HCW6672 | 10.00 | MOTOROLA PRO-5100 |
| 103 | HCW6673 | 10.00 | MOTOROLA PRO-5100 | 104 | HCW6674 | 10.00 | MOTOROLA PRO-5100 | 105 | HCW6675 | 10.00 | MOTOROLA PRO-5100 |
| 106 | HCW6676 | 10.00 | MOTOROLA PRO-5100 | 107 | HCW6677 | 10.00 | MOTOROLA PRO-5100 | 108 | HCW6678 | 10.00 | MOTOROLA PRO-5100 |
| 109 | HCW6679 | 10.00 | MOTOROLA PRO-5100 | 110 | HCW6680 | 10.00 | MOTOROLA PRO-5100 | 111 | HCW6682 | 10.00 | MOTOROLA PRO-5100 |
| 112 | HCW6683 | 10.00 | MOTOROLA PRO-5100 | 113 | HCW6684 | 10.00 | MOTOROLA PRO-5100 | 114 | HCW6685 | 10.00 | MOTOROLA PRO-5100 |
| 115 | HCW6686 | 10.00 | MOTOROLA PRO-5100 | 116 | HCW6687 | 10.00 | MOTOROLA PRO-5100 | 117 | HCW6688 | 10.00 | MOTOROLA PRO-5100 |
| 118 | HCW6689 | 10.00 | MOTOROLA PRO-5100 | 119 | HCW6690 | 10.00 | MOTOROLA PRO-5100 | | | | |

| ESTACIONES PORTATILES (27) | | | | | | | | | | | |
|------------------------------|------------|------------------|-------------------|----|------------|------------------|-------------------|----|------------|------------------|-------------------|
| Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo | Nº | Indicativo | Potencia (Watts) | Equipo |
| 1 | HCW6691 | 4.00 | MOTOROLA PRO-5150 | 2 | HCW6692 | 4.00 | MOTOROLA PRO-5150 | 3 | HCW6693 | 4.00 | MOTOROLA PRO-5150 |
| 4 | HCW6694 | 4.00 | MOTOROLA PRO-5150 | 5 | HCW6695 | 4.00 | MOTOROLA PRO-5150 | 6 | HCW6696 | 4.00 | MOTOROLA PRO-5150 |
| 7 | HCW6697 | 4.00 | MOTOROLA PRO-5150 | 8 | HCW6698 | 4.00 | MOTOROLA PRO-5150 | 9 | HCW6699 | 4.00 | MOTOROLA PRO-5150 |
| 10 | HCW6700 | 4.00 | MOTOROLA PRO-5150 | 11 | HCW6701 | 4.00 | MOTOROLA PRO-5150 | 12 | HCW6747 | 4.00 | MOTOROLA PRO-5150 |
| 13 | HCW6748 | 4.00 | MOTOROLA PRO-5150 | 14 | HCW6749 | 4.00 | MOTOROLA PRO-5150 | 15 | HCW6750 | 4.00 | MOTOROLA PRO-5150 |
| 16 | HCW6751 | 4.00 | MOTOROLA PRO-5150 | 17 | HCW6752 | 4.00 | MOTOROLA PRO-5150 | 18 | HCW6753 | 4.00 | MOTOROLA PRO-5150 |
| 19 | HCW6754 | 4.00 | MOTOROLA PRO-5150 | 20 | HCW6755 | 4.00 | MOTOROLA PRO-5150 | 21 | HCW6756 | 4.00 | MOTOROLA PRO-5150 |
| 22 | HCW6757 | 4.00 | MOTOROLA PRO-5150 | 23 | HCW6758 | 4.00 | MOTOROLA PRO-5150 | 24 | HCW6759 | 4.00 | MOTOROLA PRO-5150 |
| 25 | HCW6760 | 4.00 | MOTOROLA PRO-5150 | 26 | HCW6761 | 4.00 | MOTOROLA PRO-5150 | 27 | HCW6762 | 4.00 | MOTOROLA PRO-5150 |

Dado en Quito, 04 de Diciembre de 2007


Ing. Jaime Guerrero Ruiz
PRESIDENTE DEL CONATEL (E)


Ab. Ana María Hidalgo Concha
SECRETARIA DEL CONATEL