



UNION INTERNATIONALE DES TELECOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNION INTERNACIONAL DE TELECOMUNICACIONES
OFFICINA DE RADIOCOMUNICACIONES

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SECTION SPECIALE - SPECIAL SECTION - SECCION ESPECIAL

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REGION 2

Caractéristiques des assignations de fréquence publiées aux termes de l'Article 4 de l'Accord régional relatif au service de radiodiffusion à ondes hectométriques dans la Région 2 (Rio de Janeiro, 1981).

La présente Section spéciale se compose des Parties suivantes:

Partie B - Modifications insérées dans le Plan à la suite de l'application des dispositions de l'Article 4 de l'Accord.

REGION 2

Characteristics of frequency assignments published in application of Article 4 of the Regional Agreement for the Medium Frequency Broadcasting Service in Region 2 (Rio de Janeiro, 1981).

This Special Section is composed of the following Parts:

Part B - Modifications entered in the Plan as a result of the application of the provisions of Article 4 of the Agreement.

REGION 2

Características de las asignaciones de frecuencia publicadas en aplicación del Artículo 4 del Acuerdo Regional relativo al servicio de radiodifusión por ondas hectométricas en la Región 2 (Río de Janeiro, 1981).

La presente Sección Especial consta de las Partes siguientes:

Parte B - Modificaciones introducidas en el Plan como resultado de la aplicación de las disposiciones del Artículo 4 del Acuerdo.

EN-TETES DES COLONNES

1. Numéro de série.
 2. Fréquence assignée (kHz).
 3. Symbole désignant le pays.
 4. Nom de la station d'émission.
 5. Coordonnées géographiques de la station d'émission (degrés, minutes et secondes).
 6. Indicatif d'appel.
 7. Classe de la station.
 8. Horaire de fonctionnement.
 9. Puissance de la station (kW).
 10. Type d'antenne.
 - 11A. Hauteur électrique de l'antenne (degrés).
 - 11B. Champ rayonné dans le plan horizontal en mV/m à 1 km.
 12. Champ utilisable de site à site.
 13. Observations.
- A. Statut de la station.
B. Liste.
C. Numéro de série remplacé.
D. Date - Partie A: Date de réception de la modification proposée.
Partie B: Date d'inscription dans le Plan.
Partie C: Date d'annulation ou date à partir de laquelle l'assignation n'est pas prise en considération.
E. Accord conclu avec...
F. Accord à conclure avec...
G. Commentaires du Bureau.

COLUMN HEADINGS

1. Serial number.
 2. Assigned frequency (kHz).
 3. Country symbol.
 4. Name of the transmitting station.
 5. Geographical coordinates of the transmitting station (degrees, minutes and seconds).
 6. Call sign.
 7. Station class.
 8. Hours of operation.
 9. Station power (kW).
 10. Antenna type.
 - 11A. Electrical height of antenna (degrees).
 - 11B. Radiated field strength in the horizontal plane, in mV/m at 1 km.
 12. Usable field strength site-to-site.
 13. Remarks.
- A. Status of the station.
B. List.
C. Replaced serial number.
D. Date - Part A: Date of receipt of proposed modification.
Part B: Date of entry in the Plan.
Part C: Date of cancellation or date from which the assignment is disregarded.
E. Agreement reached with...
F. Agreement to be reached with...
G. Comments by the Bureau.

TITULOS DE LAS COLUMNAS

1. Número de serie.
 2. Frecuencia asignada (kHz).
 3. Símbolo del país.
 4. Nombre de la estación transmisora.
 5. Coordenadas geográficas de la estación transmisora (grandos, minutos y segundos).
 6. Distintivo de llamada.
 7. Clase de estación.
 8. Horario de funcionamiento.
 9. Potencia de la estación (kW).
 10. Tipo de antena.
 - 11A. Altura eléctrica de la antena (grados).
 - 11B. Intensidad de campo radiada en el plano horizontal, en mV/m a 1 km.
 12. Intensidad de campo utilizable de punto a punto.
 13. Observaciones.
- A. Estatuto de la estación.
B. Lista.
C. Número de serie sustituido.
D. Fecha - Parte A: Fecha de recepción de la propuesta de modificación.
Parte B: Fecha de inscripción en el Plan.
Parte C: Fecha de anulación o fecha a partir de la cual no se tiene en cuenta la asignación.
E. Acuerdo concluido con...
F. Acuerdo de acuerdo con...
G. Comentarios de la Oficina.

PARTIE B

Caractéristiques définitives des assignations inscrites dans le Plan en vertu:

- du paragraphe 4.2.19, ces assignations sont identifiées dans la colonne G par le numéro de la Section Spéciale dans laquelle elles ont été publiées en Partie A;
- du paragraphe 4.2.14, ces assignations sont identifiées dans la colonne G par le symbole 4.2.14

et

caractéristiques des assignations dont il ne sera pas tenu compte, à partir de la date de publication de la présente Section Spéciale, dans le traitement des futures modifications au Plan; ces assignations sont publiées aux termes du paragraphe 4.6.3 de l'Accord et sont identifiées par le symbole 4.6.3 dans la colonne G.

Le Bureau attire l'attention des administrations sur les dispositions de l'article 5 de l'Accord concernant la notification des assignations de fréquence conformément aux dispositions de l'Article 11 du Règlement des radiocommunications.

PART B

Final characteristics of the assignments entered in the Plan under:

- paragraph 4.2.19, these assignments are identified in the column G by the number of the Special Section in which they have been published in Part A;
- paragraph 4.2.14, these assignments are identified in column G by the symbol 4.2.14

and

characteristics of assignments that are disregarded, with effect from the date of publication of the present Special Section, in the treatment of future modifications to the Plan; these assignments are published under paragraph 4.6.3 of the Agreement and are identified by the symbol 4.6.3 in column G.

The Bureau invites the attention of administrations to the provisions of Article 5 of the Agreement, concerning the notification of frequency assignments in accordance with Article 11 of the Radio Regulations.

PARTE B

Características definitivas de las asignaciones inscritas en el Plan en virtud de:

- punto 4.2.19, estas asignaciones se identifican en la columna G por el número de la Sección Especial en cuya Parte A se publicaron;
- punto 4.2.14, estas asignaciones de identifican en la columna G por el símbolo 4.2.14

y

características de las asignaciones que, a partir de la fecha de publicación de la presente Sección Especial, no se tendrán en cuenta en el tratamiento de las modificaciones futuras del Plan; estas asignaciones se publican en virtud del punto 4.6.3 del Acuerdo y se identifican por el símbolo 4.6.3 en la columna G.

La Oficina señala a la atención de las administraciones las disposiciones del Artículo 5 del Acuerdo, relativa a la notificación de asignaciones de frecuencia de conformidad con el Artículo 11 del Reglamento de Radiocomunicaciones.

DESCRIPTION D'UNE ANTENNE DIRECTIVE TYPE B

1. Numéro de série.
2. Fréquence assignée (kHz).
3. Symbole désignant le pays.
4. Horaire de fonctionnement.
5. Type de diagramme.
6. Facteur spécial de quadrature (mV/m à 1 km).
7. Nombre total de pylônes.
8. Numéro de la série du pylône.
9. Rapport de champ du pylône.
10. Différence de phase des champs (degrés).
11. Espacement électrique du pylône (degrés).
12. Orientation angulaire du pylône (degrés).
13. Définition du point de référence.
14. Hauteur électrique du pylône (degrés).
15. Structure du pylône.

Caractéristiques des pylônes à charge terminale ou non alimentée à la base.

- A. Pour la description des colonnes A,B,C et D
B. se référer à la Partie IV du formulaire à
C. utiliser pour l'application de l'Article 4
D. de l'Accord régional, Rio de Janeiro, 1981
(pages 96 et 97 des Actes finals).

Description des diagrammes augmentés.

16. Nombre total d'augmentations.
17. Numéro de l'augmentation.
18. Rayonnement dans l'azimut central de l'augmentation (mV/m à 1 km).
19. Azimut central de l'augmentation (degrés).
20. Ouverture totale de l'augmentation (degrés).

DESCRIPTION OF DIRECTIONAL ANTENNA TYPE B

1. Serial number.
2. Assigned frequency (kHz).
3. Country symbol.
4. Hours of operation.
5. Type of pattern.
6. Special quadrature factor (mV/m at 1 km).
7. Total number of towers.
8. Tower number.
9. Tower field ratio.
10. Phase difference of the field (degrees).
11. Electrical tower spacing (degrees).
12. Angular tower orientation (degrees).
13. Definition point indicator.
14. Electrical height of the tower (degrees).
15. Tower structure.

Characteristics of top-loaded or sectionalized towers.

- A. For a description of columns A,B,C and D
B. please refer to Part IV of the form to be
C. used in application of Article 4 of the
D. Regional Agreement, Rio de Janeiro, 1981
(pages 96 and 97 of the Final Acts).

Description of augmented patterns.

16. Total number of augmentations.
17. Augmentation number.
18. Radiation at central azimuth of augmentation (mV/m at 1 km).
19. Central azimuth of augmentation (degrees).
20. Total span of augmentation (degrees).

DESCRIPTION DE UNA ANTENA DIRECCIONAL TIPO B

1. Número de série.
2. Frecuencia asignada (kHz).
3. Símbolo del país.
4. Horario de funcionamiento.
5. Tipo de diagrama.
6. Factor de cuadratura especial (mV/m a 1 km).
7. Número total de torres.
8. Número de la torre.
9. Relación de campo de la torre.
10. Diferencia de fase del campo (grados).
11. Distancia eléctrica entre torres (grados).
12. Orientación angular de la torre (grados).
13. Definición del punto de referencia.
14. Altura eléctrica de la torre (grados).
15. Estructura de la torre.

Características de las torres con carga terminal o seccionadas.

- A. Para la descripción de las columnas A,B,C y D
B. consúltese la Parte IV del formulario previsto
C. para la aplicación del Acuerdo Regional de
D. Río de Janeiro, 1981 (páginas 96 y 97 de las Actas finales).

Descripción de los diagramas aumentados.

16. Número total de aumentos.
17. Número del aumento.
18. Radiación en el acimut central del aumento (mV/m a 1 km).
19. Acimut central del aumento (grados).
20. Amplitud total del aumento (grados).

PARTIE B - PART B - PARTE B

1	2	3	4	5	6	7	8	9	10	11A	11B	12	B	D	E	G
081010001	540	B	ARACAJU	037W0800 10S5033		B	D	10.00	A	64.2	939.20		A			RJ81/87
081010001	540	B	ARACAJU	037W0800 10S5033		B	N	2.50	A	64.2	469.60	2.1	A			RJ81/87
081010002	540	B	BARRA DO CORDA	045W1600 05S3100		C	D	1.00	A	43.4	281.00		A			RJ81/87
081010002	540	B	BARRA DO CORDA	045W1600 05S3100		C	N	0.25	A	43.4	140.50	4.0	A			RJ81/87
081010425	540	B	IPANEMA	041W4341 19S4842		C	D	1.00	A	72.6	301.00		A			RJ81/87
081010425	540	B	IPANEMA	041W4341 19S4842		C	N	0.25	A	72.6	150.50	5.0	A			RJ81/87
081010016	550	B	CURITIBA	049W0758 25S2912		B	D	10.00	A	82.5	967.66		A			RJ81/87
081010016	550	B	CURITIBA	049W0758 25S2912		B	N	0.50	A	82.5	216.37	4.0	A			RJ81/87
081031131	550	B	SINOP 1	055W3014 11S5152		B	D	10.00	A	82.5	967.66		A			RJ81/87
081031131	550	B	SINOP 1	055W3014 11S5152		B	N	5.00	A	82.5	684.24	5.8	A			RJ81/87
093003130	560	B	URUCURITUBA	057W4000 02S4100		C	D	1.00	A	59.1	294.00		A			RJ81/87
093003130	560	B	URUCURITUBA	057W4000 02S4100		C	N	0.25	A	59.1	147.00	6.4	A			RJ81/87
090001774	570	B	TIMON	042W4842 05S0827		B	D	10.00	A	58.1	951.85		A			RJ81/87
090001774	570	B	TIMON	042W4842 05S0827		B	N	0.25	A	58.1	150.50	3.2	A			RJ81/87
081010043	580	B	CAMPO GRANDE	054W3654 20S2531		B	D	25.00	A	68.9	1500.00		A			RJ81/87
081010043	580	B	CAMPO GRANDE	054W3654 20S2531		B	N	1.00	A	68.9	300.00	4.4	A			RJ81/87
081032111	580	B	PITANGA	051W4502 24S4613		B	D	2.00	A	71.7	424.26		A			RJ81/87
081032111	580	B	PITANGA	051W4502 24S4613		B	N	0.25	A	71.7	150.00	7.9	A			RJ81/87
081010781	580	B	SANTA HELENA	054W1756 24S5223		B	D	2.50	A	73.1	466.44		A			RJ81/87
081010781	580	B	SANTA HELENA	054W1756 24S5223		B	N	0.25	A	73.1	147.50	6.2	A			RJ81/87
081010050	580	B	UBERLANDIA	048W1517 18S5033		B	D	7.00	A	90.5	820.18		A			RJ81/87
081010050	580	B	UBERLANDIA	048W1517 18S5033		B	N	0.50	A	90.5	219.20	6.1	A			RJ81/87
081031810	590	B	ARARUMA	035W4400 06S3100		B	D	5.00	A	61.6	659.64		A			RJ81/87

081031810	590	B	ARARUMA	035W4400 06S3100	B N	0.25	A	61.6	147.50	4.8	A		RJ81/87	
081010388	590	B	CRUZEIRO OESTE	053W0424 23S4706	B D	2.70	A	79.3	484.73		A		RJ81/87	
081010388	590	B	CRUZEIRO OESTE	053W0424 23S4706	B N	0.75	A	79.3	255.48	9.7	A		RJ81/87	
081010055	590	B	CUIABA 1	055W5814 15S4007	B D	10.00	A	87.1	932.87		A		RJ81/87	
081010055	590	B	CUIABA 1	055W5814 15S4007	B N	5.00	A	87.1	659.64	4.3	A		RJ81/87	
081010828	590	B	JOAO MONLEVADE	043W1017 19S4914	B D	10.00	A	70.8	932.87		A		RJ81/87	
081010828	590	B	JOAO MONLEVADE	043W1017 19S4914	B N	0.50	A	70.8	208.60	5.8	A		RJ81/87	
081007344	600	B	BARREIRAS	044W5956 12S0749	B D	10.00	A	82.1	967.66		A		RJ81/87	
081007344	600	B	BARREIRAS	044W5956 12S0749	B N	1.00	A	82.1	306.00	3.2	A		RJ81/87	
081031126	610	B	IRANDUBA	060W0515 03S1012	B D	50.00	A	87.1	2177.89		A		RJ81/87	
081031126	610	B	IRANDUBA	060W0515 03S1012	B N	14.50	A	87.1	1172.83	5.3	A		RJ81/87	
093003133	620	B	BARCELOS	062W5700 00S5900	B D	10.00	A	88.5	977.14		A		RJ81/87	
093003133	620	B	BARCELOS	062W5700 00S5900	B N	10.00	A	88.5	977.14	3.5	A		RJ81/87	
081010075	620	B	JANDAIA DO SUL	051W3925 23S3543	B D	2.50	A	63.2	468.02		A		RJ81/87	
081010075	620	B	JANDAIA DO SUL	051W3925 23S3543	B N	0.25	A	63.2	148.00	9.9	A		RJ81/87	
081010081	630	B	ARACAJU	037W0305 10S5404	B D	10.00	A	74.8	955.01		A		RJ81/87	
081010081	630	B	ARACAJU	037W0305 10S5404	B N	5.00	A	74.8	675.29	2.7	A		RJ81/87	
081010084	630	B	CURITIBA	049W0458 25S2439	B D	10.00	A	66.5	932.87		A		RJ81/87	
081010084	630	B	CURITIBA	049W0458 25S2439	B N	0.50	A	66.5	208.60	7.8	A		RJ81/87	
081031302	630	B	VIANA	045W0113 03S1154	B D	10.00	A	62.8	936.03		A		RJ81/87	
081031302	630	B	VIANA	045W0113 03S1154	B N	0.50	A	62.8	209.30	6.9	A		RJ81/87	
081010094	640	B	GOIANIA	049W2441 16S4435	B D	50.00	A	76.8	2135.46		A		RJ81/87	
081010094	640	B	GOIANIA	049W2441 16S4435	B N	5.00	A	76.8	675.29	5.2	A		RJ81/87	
081032108	640	B	PEDRO 2	041W2657 04S2707	C D	1.00	A	89.9	309.00		A		RJ81/87	
081032108	640	B	PEDRO 2	041W2657 04S2707	C N	0.25	A	89.9	154.50	7.7	A		RJ81/87	
081010102	650	B	CAJAZEIRAS	038W3335 06S5429	B D	5.00	A	90.5	693.18		A		RJ81/87	
081010102	650	B	CAJAZEIRAS	038W3335 06S5429	B N	0.50	A	90.5	219.20	2.3	A		RJ81/87	
081010800	650	B	CASCADEL	053W2442 24S5708	B D	8.00	A	64.7	838.06		A		RJ81/87	

081010800	650	B	CASCADEL	053W2442 24S5708	B N	1.00	A	64.7	296.30	22.1	A		RJ81/87	
081031422	650	B	COLIDER	055W0200 10S5000	B D	5.00	A	90.5	693.18		A		RJ81/87	
081031422	650	B	COLIDER	055W0200 10S5000	B N	5.00	A	90.5	693.18	2.7	A		RJ81/87	
081010106	650	B	PIRACICABA 1	047W4026 22S4324	B D	5.00	A	64.7	664.11		A		RJ81/87	
081010106	650	B	PIRACICABA 1	047W4026 22S4324	B N	0.80	A	64.7	265.64	9.7	A		RJ81/87	
081010733	660	B	BOM JESUS LAPA	043W2819 13S1544	B D	27.00	A	77.6	1579.63		A		RJ81/87	
081010733	660	B	BOM JESUS LAPA	043W2819 13S1544	B N	2.00	A	77.6	429.92	2.5	A		RJ81/87	
090002035	670	B	BARREIRAS MI	045W0000 12S0900	C D	5.00	A	92.5	693.18		A		RJ81/87	
090002035	670	B	BARREIRAS MI	045W0000 12S0900	C N	0.50	A	92.5	219.20	6.0	A		RJ81/87	
093003142	670	B	CAROLINA	047W2800 07S2000	C D	1.00	A	64.3	297.00		A		RJ81/87	
093003142	670	B	CAROLINA	047W2800 07S2000	C N	0.25	A	64.3	148.50	3.6	A		RJ81/87	
090002135	670	B	LUCAS DO RIO VERDE	055W5639 13S0342	C D	1.00	A	92.5	310.00		A		RJ81/87	
090002135	670	B	LUCAS DO RIO VERDE	055W5639 13S0342	C N	1.00	A	92.5	310.00	5.8	A		RJ81/87	
081010124	670	B	NOVA ESPERANCA	052W1210 23S0942	B D	3.00	A	82.8	528.28		A		RJ81/87	
081010124	670	B	NOVA ESPERANCA	052W1210 23S0942	B N	0.50	A	82.8	215.67	7.3	A		RJ81/87	
081010125	670	B	OBIDOS	055W3200 01S5400	C D	5.00	A	76.4	664.11		A		RJ81/87	
081010125	670	B	OBIDOS	055W3200 01S5400	C N	0.25	A	76.4	148.50	3.4	A		RJ81/87	
081032112	670	B	POCONE	056W3736 16S1422	B D	6.00	A	92.5	759.34		A		RJ81/87	
081032112	670	B	POCONE	056W3736 16S1422	B N	1.00	A	92.5	310.00	9.6	A		RJ81/87	
081011384	670	B	S VITORIA DO PALMAR	053W2150 33S3037	B D	2.50	A	64.3	469.60		A		RJ81/87	
081011384	670	B	S VITORIA DO PALMAR	053W2150 33S3037	B N	0.25	A	64.3	148.50	7.6	A		RJ81/87	
081010130	680	B	CAMPO GRANDE	054W3600 20S3100	B D	10.00	A	97.9	989.79		A		RJ81/87	
081010130	680	B	CAMPO GRANDE	054W3600 20S3100	B N	1.00	A	97.9	313.00	4.6	A		RJ81/87	
081010131	680	B	CATANDUVA	049W0037 21S0736	C D	1.00	A	65.3	297.00		A		RJ81/87	
081010131	680	B	CATANDUVA	049W0037 21S0736	C N	0.25	A	65.3	148.50	5.5	A		RJ81/87	
081010567	680	B	GOV VALADARES	041W5610 18S5410	B D	5.00	A	81.6	684.24		A		RJ81/87	
081010567	680	B	GOV VALADARES	041W5610 18S5410	B N	0.50	A	81.6	216.37	6.5	A		RJ81/87	
081011378	680	B	NIQUELANDIA	048W2700 14S2800	C D	1.00	A	65.3	297.00		A		RJ81/87	

081011378	680 B	NIQUELANDIA	048W2700 14S2800	C N	1.00 A	65.3	297.00	3.5 A		RJ81/87	
081010835	680 B	OURO FINO	046W2200 22S1700	B D	2.00 A	65.3	420.02	A		RJ81/87	
081010835	680 B	OURO FINO	046W2200 22S1700	B N	0.25 A	65.3	148.50	7.2 A		RJ81/87	
081010737	690 B	CARIACICA	040W2500 20S1600	B D	10.00 A	90.3	980.31	A		RJ81/87	
081010737	690 B	CARIACICA	040W2500 20S1600	B N	0.25 A	90.3	155.00	5.9 A		RJ81/87	
081011081	690 B	CERES	049W3650 15S2014	B D	50.00 A	82.8	2163.75	A		RJ81/87	
081011081	690 B	CERES	049W3650 15S2014	B N	1.00 A	82.8	306.00	5.7 A		RJ81/87	
081010141	690 B	FORTALEZA 1	038W3353 03S4857	B D	25.00 A	91.1	1550.00	A		RJ81/87	
081010141	690 B	FORTALEZA 1	038W3353 03S4857	B N	10.00 A	91.1	980.31	2.8 A		RJ81/87	
081010143	690 B	IJUI	053W5454 28S2204	B D	5.00 A	75.3	677.53	A		RJ81/87	
081010143	690 B	IJUI	053W5454 28S2204	B N	0.50 A	75.3	214.25	6.8 A		RJ81/87	
090001927	690 B	PALMAS	048W1839 10S0929	B D	25.00 A	86.1	1500.00	A		RJ81/87	
090001927	690 B	PALMAS	048W1839 10S0929	B N	1.50 A	86.1	367.42	5.7 A		RJ81/87	
081011502	700 B	FEIRA SANTANA 1	038W5638 12S1453	B D	25.00 A	75.6	1515.00	A		RJ81/87	
081011502	700 B	FEIRA SANTANA 1	038W5638 12S1453	B N	1.00 A	75.6	303.00	7.5 A		RJ81/87	
081010745	700 B	GETULIO VARGAS	052W1446 27S5358	C D	1.00 A	94.1	311.00	A		RJ81/87	
081010745	700 B	GETULIO VARGAS	052W1446 27S5358	C N	0.50 A	94.1	219.91	10.3 A		RJ81/87	
090002018	700 B	ITALVA	041W4131 21S2524	B D	5.00 A	79.8	659.64	A		RJ81/87	
090002018	700 B	ITALVA	041W4131 21S2524	B N	0.40 A	79.8	186.57	15.4 A		RJ81/87	
081031526	700 B	PIRACANJUBA	049W0033 17S1900	B D	25.00 A	89.9	1545.00	A		RJ81/87	
081031526	700 B	PIRACANJUBA	049W0033 17S1900	B N	0.50 A	89.9	218.50	23.6 A		RJ81/87	
081010856	700 B	TELEMACO BORBA	050W3621 24S2121	B D	10.00 A	100.8	992.96	A		RJ81/87	
081010856	700 B	TELEMACO BORBA	050W3621 24S2121	B N	0.25 A	100.8	157.00	7.0 A		RJ81/87	
081031114	710 B	ANASTACIO	055W4700 20S3300	C D	1.00 A	89.5	317.00	A		RJ81/87	
081031114	710 B	ANASTACIO	055W4700 20S3300	C N	0.50 A	89.5	224.15	5.9 A		RJ81/87	
081032143	710 B	BRASILIA	048W0133 15S4713	B D	10.00 A	94.6	986.63	A		RJ81/87	
081032143	710 B	BRASILIA	048W0133 15S4713	B N	2.50 A	94.6	493.32	4.1 A		RJ81/87	
081007278	710 B	CANDIDO DE ABREU	051W2013 24S3458	B D	1.80 A	89.5	414.57	A		RJ81/87	

081007278	710	B	CANDIDO DE ABREU	051W2013 24S3458	B N	0.25	A	89.5	154.50	7.3	A		RJ81/87	
081010653	710	B	CARMO PARANAIBA	046W1858 19S0003	C D	2.00	A	100.5	444.06		A		RJ81/87	
081010653	710	B	CARMO PARANAIBA	046W1858 19S0003	C N	0.25	A	100.5	157.00	6.4	A		RJ81/87	
081010640	710	B	ITUIUTABA	049W3020 18S5835	B D	10.00	A	99.7	992.96		A		RJ81/87	
081010640	710	B	ITUIUTABA	049W3020 18S5835	B N	0.50	A	99.7	222.03	6.1	A		RJ81/87	
094000276	710	B	SANTAREM	054W4348 02S2655	B D	25.00	A	85.2	1480.00		A		RJ81/87	
094000276	710	B	SANTAREM	054W4348 02S2655	B N	5.00	A	85.2	661.88	1.8	A		RJ81/87	
090002163	720	B	DIVINOPOLIS	044W5300 20S0800	B D	2.50	A	63.9	466.44		A		RJ81/87	
090002163	720	B	DIVINOPOLIS	044W5300 20S0800	B N	0.50	A	63.9	208.60	7.0	A		RJ81/87	
090001777	730	B	ARACATI	037W4642 04S3520	C D	1.00	A	66.6	298.00		A		RJ81/87	
090001777	730	B	ARACATI	037W4642 04S3520	C N	0.50	A	66.6	210.72	5.7	A		RJ81/87	
081010163	730	B	CAMPO LARGO	049W2349 25S2548	B D	7.00	A	66.6	791.08		A		RJ81/87	
081010163	730	B	CAMPO LARGO	049W2349 25S2548	B N	0.60	A	66.6	231.60	6.5	A		RJ81/87	
081010167	730	B	JUNDIAI 1	046W5311 23S1110	B D	10.00	A	66.6	942.36		A		RJ81/87	
081010167	730	B	JUNDIAI 1	046W5311 23S1110	B N	0.25	A	66.6	149.00	6.5	A		RJ81/87	
090001958	730	B	MIRAC TOCANTINS	048W2330 09S3402	C D	5.00	A	66.6	666.35		A		RJ81/87	
090001958	730	B	MIRAC TOCANTINS	048W2330 09S3402	C N	0.50	A	66.6	210.72	6.0	A		RJ81/87	
081010172	730	B	TUBARAO	049W0037 28S3138	B D	5.00	A	90.2	693.18		A		RJ81/87	
081010172	730	B	TUBARAO	049W0037 28S3138	B N	1.00	A	90.2	310.00	5.2	A		RJ81/87	
081010428	740	B	JALES	050W3256 20S1421	B D	10.00	A	79.9	964.49		A		RJ81/87	
081010428	740	B	JALES	050W3256 20S1421	B N	0.25	A	79.9	152.50	8.8	A		RJ81/87	
081010176	740	B	RIO BRANCO	067W4600 09S5400	B D	10.00	A	95.9	986.63		A		RJ81/87	
081010176	740	B	RIO BRANCO	067W4600 09S5400	B N	10.00	A	95.9	986.63	14.2	A		RJ81/87	
081010183	750	B	CANT DO BURITI	043W5737 08S0702	C D	1.00	A	68.4	299.00		A		RJ81/87	
081010183	750	B	CANT DO BURITI	043W5737 08S0702	C N	0.25	A	68.4	149.50	13.2	A		RJ81/87	
093003150	750	B	CAREIRO	060W2209 03S4605	C D	1.00	A	68.4	299.00		A		RJ81/87	
093003150	750	B	CAREIRO	060W2209 03S4605	C N	0.25	A	68.4	149.50	3.2	A		RJ81/87	
081030305	750	B	OSORIO	050W1638 29S5412	B D	7.50	A	76.5	807.89		A		RJ81/87	

081030305	750	B	OSORIO	050W1638 29S5412	B N	0.25	A	76.5	147.50	8.7	A		RJ81/87	
081030012	750	B	S JOSE CAMPOS 1	045W5430 23S1350	B D	1.50	A	68.4	367.42		A		RJ81/87	
081030012	750	B	S JOSE CAMPOS 1	045W5430 23S1350	B N	0.25	A	68.4	150.00	3.9	A		RJ81/87	
081007398	760	B	CALDAS NOVAS	048W3649 17S4358	B D	10.00	A	69.3	948.68		A		RJ81/87	
081007398	760	B	CALDAS NOVAS	048W3649 17S4358	B N	0.50	A	69.3	212.13	4.4	A		RJ81/87	
081032145	760	B	DELMIRO GOUVEA	038W0141 09S2231	C D	1.00	A	69.3	300.00		A		RJ81/87	
081032145	760	B	DELMIRO GOUVEA	038W0141 09S2231	C N	0.25	A	69.3	150.00	7.9	A		RJ81/87	
081010191	760	B	FORTALEZA	038W3407 03S4749	B D	25.00	A	98.5	1570.00		A		RJ81/87	
081010191	760	B	FORTALEZA	038W3407 03S4749	B N	10.00	A	98.5	992.96	2.3	A		RJ81/87	
081007475	760	B	GUARAPUAVA 1	051W2552 25S2105	B D	2.00	A	73.0	397.39		A		RJ81/87	
081007475	760	B	GUARAPUAVA 1	051W2552 25S2105	B N	0.25	A	73.0	140.50	6.5	A		RJ81/87	
081010716	760	B	MACHADO	045W5510 21S4023	B D	2.50	A	86.6	466.44		A		RJ81/87	
081010716	760	B	MACHADO	045W5510 21S4023	B N	0.25	A	86.6	147.50	5.0	A		RJ81/87	
081030264	760	B	VIT CONQUISTA	040W4913 14S5432	B D	5.00	A	90.3	659.64		A		RJ81/87	
081030264	760	B	VIT CONQUISTA	040W4913 14S5432	B N	0.50	A	90.3	208.60	3.8	A		RJ81/87	
081030265	770	B	ANAPOLIS	048W5927 16S1713	B D	10.00	A	73.9	955.01		A		RJ81/87	
081030265	770	B	ANAPOLIS	048W5927 16S1713	B N	1.00	A	73.9	302.00	4.8	A		RJ81/87	
081032094	770	B	CAMBE	051W1720 23S1705	B D	5.00	A	86.9	659.64		A		RJ81/87	
081032094	770	B	CAMBE	051W1720 23S1705	B N	0.25	A	86.9	147.50	9.3	A		RJ81/87	
081010587	770	B	DOURADOS	054W5300 22S1200	B D	10.00	A	109.0	1005.60		A		RJ81/87	
081010587	770	B	DOURADOS	054W5300 22S1200	B N	0.50	A	109.0	224.86	8.7	A		RJ81/87	
081010985	770	B	ITABIRA	043W2404 19S3602	C D	1.00	A	90.5	285.00		A		RJ81/87	
081010985	770	B	ITABIRA	043W2404 19S3602	C N	0.25	A	90.5	142.50	4.8	A		RJ81/87	
081011319	770	B	LAVRAS	045W0000 21S1500	B D	2.50	A	68.4	474.34		A		RJ81/87	
081011319	770	B	LAVRAS	045W0000 21S1500	B N	0.25	A	68.4	150.00	4.9	A		RJ81/87	
081030200	770	B	MARABA	049W3625 05S1937	B D	10.00	A	73.9	945.52		A		RJ81/87	
081030200	770	B	MARABA	049W3625 05S1937	B N	0.25	A	73.9	149.50	2.8	A		RJ81/87	
081010197	770	B	PATOS DE MINAS	046W3100 18S5600	B D	10.00	A	88.7	980.31		A		RJ81/87	

081010197	770 B	PATOS DE MINAS	046W3100 18S5600	B N	0.50 A	88.7	219.20	4.2 A		RJ81/87	
081030210	780 B	JARAGUA DO SUL	049W0223 26S2836	C D	0.50 A	84.2	217.08	A		RJ81/87	
081030210	780 B	JARAGUA DO SUL	049W0223 26S2836	C N	0.50 A	84.2	217.08	13.3 A		RJ81/87	
081011098	780 B	MANHUMIRIM	041W5800 20S2100	B D	10.00 A	89.9	980.31	A		RJ81/87	
081011098	780 B	MANHUMIRIM	041W5800 20S2100	B N	1.00 A	89.9	310.00	8.1 A		RJ81/87	
090002091	780 B	NOVA RUSSAS	040W3747 04S4209	B D	10.00 A	73.9	948.68	A		RJ81/87	
090002091	780 B	NOVA RUSSAS	040W3747 04S4209	B N	1.00 A	73.9	300.00	8.9 A		RJ81/87	
081010202	780 B	RECIFE 1	034W5710 08S0136	B D	30.00 A	88.9	1692.46	A		RJ81/87	
081010202	780 B	RECIFE 1	034W5710 08S0136	B N	10.00 A	88.9	977.14	2.5 A		RJ81/87	
081010204	780 B	UBERLANDIA	048W2038 18S5421	C D	1.00 A	89.9	310.00	A		RJ81/87	
081010204	780 B	UBERLANDIA	048W2038 18S5421	C N	1.00 A	89.9	310.00	10.2 A		RJ81/87	
081007281	790 B	BARREIRAS	044W5958 12S0814	B D	10.00 A	99.5	983.47	A		RJ81/87	
081007281	790 B	BARREIRAS	044W5958 12S0814	B N	1.00 A	99.5	311.00	2.3 A		RJ81/87	
081011188	790 B	FAXINAL	051W1857 23S5919	B D	2.50 A	85.3	466.44	A		RJ81/87	
081011188	790 B	FAXINAL	051W1857 23S5919	B N	0.25 A	85.3	147.50	3.9 A		RJ81/87	
081011101	790 B	MINEIROS	052W3300 17S3400	C D	5.00 A	99.5	637.28	A		RJ81/87	
081011101	790 B	MINEIROS	052W3300 17S3400	C N	0.50 A	99.5	201.53	3.9 A		RJ81/87	
081031756	790 B	SERRINHA	038W5928 11S4006	C D	1.00 A	70.2	300.00	A		RJ81/87	
081031756	790 B	SERRINHA	038W5928 11S4006	C N	0.25 A	70.2	150.00	3.3 A		RJ81/87	
081010221	800 B	SANTA MARIA	053W4822 29S4406	B D	10.00 A	100.8	996.12	A		RJ81/87	
081010221	800 B	SANTA MARIA	053W4822 29S4406	B N	10.00 A	100.8	996.12	19.9 A		RJ81/87	
081010223	800 B	TERESINA	042W4900 05S0500	B D	10.00 A	81.6	961.33	A		RJ81/87	
081010223	800 B	TERESINA	042W4900 05S0500	B N	10.00 A	81.6	961.33	29.8 A		RJ81/87	
081030070	810 B	CAMPO BOM	051W0451 29S3905	B D	1.90 A	48.6	424.55	A		RJ81/87	
081030070	810 B	CAMPO BOM	051W0451 29S3905	B N	0.25 A	48.6	154.00	25.7 A		RJ81/87	
081010422	810 B	CORN PROCOPIO	050W3849 23S1029	B D	2.00 A	101.1	424.26	A		RJ81/87	
081010422	810 B	CORN PROCOPIO	050W3849 23S1029	B N	0.30 A	101.1	164.32	9.8 A		RJ81/87	
081010833	810 B	NEPOMUCENO	045W1420 21S1330	B D	2.00 A	64.2	421.44	A		RJ81/87	

081010833	810	B	NEPOMUCENO	045W1420 21S1330	B N	0.25	A	64.2	149.00	5.0	A		RJ81/87	
093003160	810	B	PATROCINIO	047W0426 18S5255	B D	5.00	A	84.6	684.24		A		RJ81/87	
093003160	810	B	PATROCINIO	047W0426 18S5255	B N	0.50	A	84.6	216.37	4.7	A		RJ81/87	
081030072	810	B	PRUDENTOPOLIS	050W5850 25S1351	B D	5.00	A	71.9	673.06		A		RJ81/87	
081030072	810	B	PRUDENTOPOLIS	050W5850 25S1351	B N	0.50	A	71.9	212.84	14.4	A		RJ81/87	
090001928	810	B	RIACHO SANTANA	042W5658 13S3603	B D	10.00	A	97.2	989.79		A		RJ81/87	
090001928	810	B	RIACHO SANTANA	042W5658 13S3603	B N	0.25	A	97.2	156.50	4.1	A		RJ81/87	
090001126	810	B	S JOSE R CLARO	056W4317 13S2648	C D	1.00	A	71.9	301.00		A		RJ81/87	
090001126	810	B	S JOSE R CLARO	056W4317 13S2648	C N	0.25	A	71.9	150.50	3.3	A		RJ81/87	
081030272	810	B	TOLEDO	053W4601 24S4200	B D	10.00	A	89.4	977.14		A		RJ81/87	
081030272	810	B	TOLEDO	053W4601 24S4200	B N	0.50	A	89.4	218.50	15.1	A		RJ81/87	
081010795	810	B	UBA	042W5550 21S0705	B D	1.00	A	95.3	312.00		A		RJ81/87	
081010795	810	B	UBA	042W5550 21S0705	B N	0.50	A	95.3	220.62	4.7	A		RJ81/87	
081010231	820	B	BLUMENAU	048W5956 26S5342	B D	10.00	A	76.8	955.01		A		RJ81/87	
081010231	820	B	BLUMENAU	048W5956 26S5342	B N	5.00	A	76.8	675.29	7.1	A		RJ81/87	
081010232	820	B	C DO ARAGUAIA	049W2942 08S1531	C D	1.00	A	104.3	304.00		A		RJ81/87	
081010232	820	B	C DO ARAGUAIA	049W2942 08S1531	C N	1.00	A	104.3	304.00	7.1	A		RJ81/87	
081010235	820	B	GOIANIA	049W1931 16S4335	B D	50.00	A	88.6	2192.03		A		RJ81/87	
081010235	820	B	GOIANIA	049W1931 16S4335	B N	5.00	A	88.6	693.18	4.5	A		RJ81/87	
090001948	820	B	MINAS NOVAS	042W3659 17S1324	B D	3.00	A	73.8	523.08		A		RJ81/87	
090001948	820	B	MINAS NOVAS	042W3659 17S1324	B N	0.25	A	73.8	151.00	7.1	A		RJ81/87	
081010242	820	B	S SEB PARAISO	047W0000 20S5500	C D	1.00	A	64.0	298.00		A		RJ81/87	
081010242	820	B	S SEB PARAISO	047W0000 20S5500	C N	0.25	A	64.0	149.00	8.6	A		RJ81/87	
093003163	820	B	TARAUACA	070W4600 08S0900	C D	0.25	A	71.8	150.50		A		RJ81/87	
093003163	820	B	TARAUACA	070W4600 08S0900	C N	0.25	A	71.8	150.50	7.4	A		RJ81/87	
081031269	820	B	UTINGA	041W0645 12S0505	B D	20.00	A	90.5	1319.28		A		RJ81/87	
081031269	820	B	UTINGA	041W0645 12S0505	B N	1.00	A	90.5	295.00	4.4	A		RJ81/87	
081007376	830	B	ARAUCARIA	049W2427 25S3536	B D	7.50	A	127.5	903.74		A		RJ81/87	

081007376	830	B	ARAUCARIA	049W2427 25S3536	B N	0.50	A	127.5	233.35	4.4	A		RJ81/87	
081010248	830	B	BELO HORIZONTE	043W5700 19S5600	B D	15.00	A	99.6	1142.53		A		RJ81/87	
081010248	830	B	BELO HORIZONTE	043W5700 19S5600	B N	5.00	A	99.6	659.64	2.8	A		RJ81/87	
081010251	830	B	ITAMARAJU	039W3551 17S0149	B D	5.00	A	72.7	673.06		A		RJ81/87	
081010251	830	B	ITAMARAJU	039W3551 17S0149	B N	0.25	A	72.7	150.50	5.9	A		RJ81/87	
081030650	830	B	LAURO MULLER	049W2335 28S2318	C D	1.00	A	72.7	301.00		A		RJ81/87	
081030650	830	B	LAURO MULLER	049W2335 28S2318	C N	0.25	A	72.7	150.50	4.4	A		RJ81/87	
081031426	830	B	MARACAJU	055W0918 21S3706	B D	5.00	A	62.8	661.88		A		RJ81/87	
081031426	830	B	MARACAJU	055W0918 21S3706	B N	0.50	A	62.8	209.30	4.3	A		RJ81/87	
081010991	830	B	NOVA IGUACU	043W2653 22S4538	B D	10.00	A	99.6	992.96		A		RJ81/87	
081010991	830	B	NOVA IGUACU	043W2653 22S4538	B N	0.50	A	99.6	222.03	7.2	A		RJ81/87	
081032095	830	B	NOVA ODESSA	047W1944 22S4908	B D	5.00	A	95.6	673.06		A		RJ81/87	
081032095	830	B	NOVA ODESSA	047W1944 22S4908	B N	1.00	A	95.6	301.00	6.3	A		RJ81/87	
081010253	830	B	SOURE	048W3113 00S4126	B D	10.00	A	72.7	951.85		A		RJ81/87	
081010253	830	B	SOURE	048W3113 00S4126	B N	1.00	A	72.7	301.00	2.8	A		RJ81/87	
093003535	840	B	TIBAGI	050W2523 24S3051	C D	0.50	A	89.7	218.50		A		RJ81/87	
093003535	840	B	TIBAGI	050W2523 24S3051	C N	0.50	A	89.7	218.50	18.9	A		RJ81/87	
081010677	840	B	UMUARAMA	053W1728 23S4658	B D	10.00	A	90.7	980.31		A		RJ81/87	
081010677	840	B	UMUARAMA	053W1728 23S4658	B N	1.20	A	90.7	339.59	18.8	A		RJ81/87	
081010910	840	B	UNIAO PALMARES	036W0234 09S0942	B D	10.00	A	71.6	948.68		A		RJ81/87	
081010910	840	B	UNIAO PALMARES	036W0234 09S0942	B N	0.25	A	71.6	150.00	6.2	A		RJ81/87	
081030654	850	B	BIRIGUI	050W2044 21S1359	B D	2.50	A	105.1	501.22		A		RJ81/87	
081030654	850	B	BIRIGUI	050W2044 21S1359	B N	0.50	A	105.1	224.15	6.3	A		RJ81/87	
081010306	850	B	BRUSQUE	048W5500 27S0500	B D	2.50	A	97.9	466.44		A		RJ81/87	
081010306	850	B	BRUSQUE	048W5500 27S0500	B N	0.25	A	97.9	147.50	16.0	A		RJ81/87	
081010724	850	B	CAMPOS	041W2100 21S4300	B D	10.00	A	102.0	964.49		A		RJ81/87	
081010724	850	B	CAMPOS	041W2100 21S4300	B N	0.50	A	102.0	215.67	3.4	A		RJ81/87	
081010266	850	B	GOV VALADARES	041W5600 18S5100	B D	10.00	A	84.7	970.82		A		RJ81/87	

081010266	850	B	GOV VALADARES	041W5600 18S5100	B N	0.50	A	84.7	217.08	3.2	A		RJ81/87	
081030648	850	B	PORANGATU	049W2700 13S2600	C D	5.00	A	89.8	704.36		A		RJ81/87	
081030648	850	B	PORANGATU	049W2700 13S2600	C N	1.00	A	89.8	315.00	3.9	A		RJ81/87	
081010899	850	B	REBOUCAS	050W4128 25S3556	B D	2.00	A	97.9	417.19		A		RJ81/87	
081010899	850	B	REBOUCAS	050W4128 25S3556	B N	0.25	A	97.9	147.50	14.8	A		RJ81/87	
081010270	850	B	RIO CLARO	047W3326 22S2628	B D	5.00	A	74.5	675.29		A		RJ81/87	
081010270	850	B	RIO CLARO	047W3326 22S2628	B N	0.25	A	74.5	151.00	6.4	A		RJ81/87	
081021173	850	USA	WEST PALM BEACH FL	080W4430 26N3230	B D	50.00	B		2146.00		A		RJ81/87	
081021173	850	USA	WEST PALM BEACH FL	080W4430 26N3230	B N	20.00	B		1377.00	2.9	A		RJ81/87	
081032099	870	B	BREVES	050W2600 01S4200	C D	1.00	A	88.7	309.00		A		RJ81/87	
081032099	870	B	BREVES	050W2600 01S4200	C N	0.25	A	88.7	154.50	2.3	A		RJ81/87	
092003903	870	B	LINHARES	040W0420 19S2328	B D	5.00	A	91.9	693.18		A		RJ81/87	
092003903	870	B	LINHARES	040W0420 19S2328	B N	0.25	A	91.9	155.00	3.1	A		RJ81/87	
081011339	870	B	S FRANCISC SUL	048W3900 26S1600	B D	12.00	A	89.8	1070.41		A		RJ81/87	
081011339	870	B	S FRANCISC SUL	048W3900 26S1600	B N	0.25	A	89.8	154.50	11.5	A		RJ81/87	
081030808	870	B	SAO BENEDITO 1	040W5030 04S0230	C D	1.00	A	75.2	303.00		A		RJ81/87	
081030808	870	B	SAO BENEDITO 1	040W5030 04S0230	C N	0.25	A	75.2	151.50	3.2	A		RJ81/87	
081010286	890	B	BRASILIA	048W2323 15S4957	B D	50.00	A	85.4	2170.82		A		RJ81/87	
081010286	890	B	BRASILIA	048W2323 15S4957	B N	2.50	A	85.4	485.41	5.7	A		RJ81/87	
081010689	890	B	CANOINHAS	050W2318 26S1019	B D	2.00	A	102.5	436.99		A		RJ81/87	
081010689	890	B	CANOINHAS	050W2318 26S1019	B N	0.25	A	102.5	154.50	9.1	A		RJ81/87	
081007283	890	B	SANTA QUITERIA	040W1100 04S5000	C D	1.00	A	76.9	303.00		A		RJ81/87	
081007283	890	B	SANTA QUITERIA	040W1100 04S5000	C N	0.25	A	76.9	151.50	7.5	A		RJ81/87	
081031102	900	B	ARAPUTANGA	058W2111 15S2816	B D	10.00	A	99.4	992.96		A		RJ81/87	
081031102	900	B	ARAPUTANGA	058W2111 15S2816	B N	2.50	A	99.4	496.48	4.3	A		RJ81/87	
081010293	900	B	CONCEICAO COITE	039W1750 11S3326	C D	1.00	A	77.8	313.00		A		RJ81/87	
081010293	900	B	CONCEICAO COITE	039W1750 11S3326	C N	1.00	A	77.8	313.00	6.6	A		RJ81/87	
081010294	900	B	NATAL 1	035W1440 05S4749	B D	10.00	A	91.8	980.31		A		RJ81/87	

081010294	900 B	NATAL 1	035W1440 05S4749	B N	10.00 A	91.8	980.31	2.2 A		RJ81/87	
081010296	900 B	PONTA GROSSA	050W0953 25S0906	B D	5.00 A	77.8	679.76	A		RJ81/87	
081010296	900 B	PONTA GROSSA	050W0953 25S0906	B N	0.25 A	77.8	152.00	11.3 A		RJ81/87	
091003548	900 B	PRIMAVERA DO LESTE	054W1638 15S3116	C D	5.00 A	77.8	679.76	A		RJ81/87	
091003548	900 B	PRIMAVERA DO LESTE	054W1638 15S3116	C N	1.00 A	77.8	304.00	5.6 A		RJ81/87	
081010299	900 B	S J RIO PRETO	049W2042 20S5043	B D	10.00 A	77.8	961.33	A		RJ81/87	
081010299	900 B	S J RIO PRETO	049W2042 20S5043	B N	0.80 A	77.8	271.91	11.3 A		RJ81/87	
081030653	910 B	ICARA	049W1843 28S4155	B D	4.00 A	66.6	598.00	A		RJ81/87	
081030653	910 B	ICARA	049W1843 28S4155	B N	0.50 A	66.6	211.42	6.5 A		RJ81/87	
081030645	910 B	ITUMBIARA	049W4628 18S2430	C D	5.00 A	78.6	679.76	A		RJ81/87	
081030645	910 B	ITUMBIARA	049W4628 18S2430	C N	0.25 A	78.6	152.00	3.9 A		RJ81/87	
081011144	910 B	JARAGUA	049W1908 15S4701	B D	10.00 A	90.6	980.31	A		RJ81/87	
081011144	910 B	JARAGUA	049W1908 15S4701	B N	0.50 A	90.6	219.20	3.3 A		RJ81/87	
081010045	910 B	PIRACICABA	047W4156 22S4245	B D	7.50 A	76.4	813.37	A		RJ81/87	
081010045	910 B	PIRACICABA	047W4156 22S4245	B N	0.75 A	76.4	257.21	5.3 A		RJ81/87	
081010305	910 B	SOBRAL	040W1902 03S4404	B D	4.00 A	78.6	608.00	A		RJ81/87	
081010305	910 B	SOBRAL	040W1902 03S4404	B N	0.25 A	78.6	152.00	3.9 A		RJ81/87	
081030638	910 B	TEOFILO OTONI 1	041W3130 17S5000	B D	5.00 A	72.1	675.29	A		RJ81/87	
081030638	910 B	TEOFILO OTONI 1	041W3130 17S5000	B N	0.25 A	72.1	151.00	2.7 A		RJ81/87	
081030811	920 B	COTIA	046W4858 23S3601	B D	40.00 A	112.6	2023.86	A		RJ81/87	
081030811	920 B	COTIA	046W4858 23S3601	B N	1.00 A	112.6	320.00	13.0 A		RJ81/87	
081010308	920 B	FRANCA	047W2336 20S3348	B D	10.00 A	76.2	958.17	A		RJ81/87	
081010308	920 B	FRANCA	047W2336 20S3348	B N	0.25 A	76.2	151.50	11.7 A		RJ81/87	
081010556	920 B	PARNAIBA	041W4210 02S5605	B D	10.00 A	110.4	1008.77	A		RJ81/87	
081010556	920 B	PARNAIBA	041W4210 02S5605	B N	0.50 A	110.4	225.57	2.7 A		RJ81/87	
081010312	920 B	SALVADOR	038W3658 12S5814	B D	25.00 A	108.2	1590.00	A		RJ81/87	
081010312	920 B	SALVADOR	038W3658 12S5814	B N	2.00 A	108.2	449.72	2.9 A		RJ81/87	
081010316	930 B	ARAGUARI	048W1100 18S3900	B D	10.00 A	93.7	983.47	A		RJ81/87	

081010316	930 B	ARAGUARI	048W1100 18S3900	B N	5.00 A	93.7	695.42	4.9 A		RJ81/87	
081010318	930 B	CAMPO BELO	045W1600 20S5300	B D	2.50 A	72.5	475.92	A		RJ81/87	
081010318	930 B	CAMPO BELO	045W1600 20S5300	B N	0.25 A	72.5	150.50	6.6 A		RJ81/87	
081007310	930 B	CAUCAIA	038W4125 03S4246	B D	7.00 A	81.5	806.95	A		RJ81/87	
081007310	930 B	CAUCAIA	038W4125 03S4246	B N	0.25 A	81.5	152.50	4.5 A		RJ81/87	
081010771	930 B	GOV VALADARES	041W5658 18S5104	B D	20.00 A	72.5	1341.64	A		RJ81/87	
081010771	930 B	GOV VALADARES	041W5658 18S5104	B N	1.00 A	72.5	300.00	6.2 A		RJ81/87	
081010325	930 B	RONDONOPOLIS	054W3808 16S2815	B D	10.00 A	89.3	977.14	A		RJ81/87	
081010325	930 B	RONDONOPOLIS	054W3808 16S2815	B N	0.50 A	89.3	218.50	4.9 A		RJ81/87	
081010326	930 B	SANTO ANGELO	054W1544 28S1845	B D	10.00 A	77.0	958.17	A		RJ81/87	
081010326	930 B	SANTO ANGELO	054W1544 28S1845	B N	0.50 A	77.0	214.25	8.5 A		RJ81/87	
081010329	940 B	CRUZEIRO DO SUL	072W4135 07S3846	B D	10.00 A	82.3	967.66	A		RJ81/87	
081010329	940 B	CRUZEIRO DO SUL	072W4135 07S3846	B N	1.00 A	82.3	306.00	13.1 A		RJ81/87	
081010869	950 B	BUENO BRANDAO	046W2100 22S2600	B D	7.00 A	83.2	809.60	A		RJ81/87	
081010869	950 B	BUENO BRANDAO	046W2100 22S2600	B N	0.50 A	83.2	216.37	4.3 A		RJ81/87	
081031407	950 B	LAJEADO	051W5708 29S2751	B D	10.00 A	114.0	932.87	A		RJ81/87	
081031407	950 B	LAJEADO	051W5708 29S2751	B N	0.50 A	114.0	208.60	7.7 A		RJ81/87	
081010333	950 B	SOBRAL 1	040W1900 03S1100	B D	5.00 A	85.5	686.47	A		RJ81/87	
081010333	950 B	SOBRAL 1	040W1900 03S1100	B N	1.00 A	85.5	307.00	2.4 A		RJ81/87	
081030293	960 B	APARECIDA DE GOIANIA	049W1503 16S4858	B D	50.00 A	96.8	2156.68	A		RJ81/87	
081030293	960 B	APARECIDA DE GOIANIA	049W1503 16S4858	B N	1.00 A	96.8	305.00	8.9 A		RJ81/87	
081031795	960 B	CACH ITAPEMERIM	041W0828 20S4922	B D	25.00 A	103.7	1555.00	A		RJ81/87	
081031795	960 B	CACH ITAPEMERIM	041W0828 20S4922	B N	0.25 A	103.7	155.50	10.3 A		RJ81/87	
081031726	960 B	ITAITUBA	055W5529 04S1521	C D	1.00 A	92.2	292.00	A		RJ81/87	
081031726	960 B	ITAITUBA	055W5529 04S1521	C N	1.00 A	92.2	292.00	2.7 A		RJ81/87	
090001963	960 B	PALMAS	048W1919 10S0905	B D	25.00 A	86.4	1535.00	A		RJ81/87	
090001963	960 B	PALMAS	048W1919 10S0905	B N	5.00 A	86.4	686.47	3.8 A		RJ81/87	
081010907	960 B	TAUA	040W1800 05S0900	C D	1.00 A	89.9	304.00	A		RJ81/87	

081010907	960 B	TAUA	040W1800 05S0900	C N	0.25 A	89.9	152.00	7.2 A		RJ81/87	
081011506	960 B	XANXERE	052W2306 26S5310	B D	8.00 A	89.9	871.16	A		RJ81/87	
081011506	960 B	XANXERE	052W2306 26S5310	B N	0.25 A	89.9	154.00	9.1 A		RJ81/87	
081010341	970 B	BRUSQUE	048W5500 27S0500	B D	5.00 A	73.3	675.29	A		RJ81/87	
081010341	970 B	BRUSQUE	048W5500 27S0500	B N	0.25 A	73.3	151.00	6.5 A		RJ81/87	
081010346	970 B	ITAPETININGA 1	048W0208 23S3556	B D	5.00 A	82.6	684.24	A		RJ81/87	
081010346	970 B	ITAPETININGA 1	048W0208 23S3556	B N	0.25 A	82.6	153.00	4.8 A		RJ81/87	
081010347	970 B	LONDRINA 1	051W0919 23S2417	B D	7.50 A	109.4	877.18	A		RJ81/87	
081010347	970 B	LONDRINA 1	051W0919 23S2417	B N	1.00 A	109.4	320.30	3.8 A		RJ81/87	
081031377	970 B	M CAND RONDON	054W0455 24S3056	B D	10.00 A	73.3	955.01	A		RJ81/87	
081031377	970 B	M CAND RONDON	054W0455 24S3056	B N	0.25 A	73.3	151.00	5.2 A		RJ81/87	
081031398	970 B	PRINC. ISABEL	037W5300 07S4300	C D	1.00 A	73.3	301.00	A		RJ81/87	
081031398	970 B	PRINC. ISABEL	037W5300 07S4300	C N	0.25 A	73.3	150.50	6.1 A		RJ81/87	
081010360	990 B	CARAVELAS	039W4419 17S3122	C D	1.00 A	74.8	302.00	A		RJ81/87	
081010360	990 B	CARAVELAS	039W4419 17S3122	C N	0.25 A	74.8	151.00	6.8 A		RJ81/87	
081011181	990 B	CIANORTE	052W3619 23S3822	B D	5.00 A	89.1	690.95	A		RJ81/87	
081011181	990 B	CIANORTE	052W3619 23S3822	B N	0.25 A	89.1	154.50	5.4 A		RJ81/87	
081011421	990 B	IRATI	050W3956 25S2756	B D	5.00 A	130.7	737.90	A		RJ81/87	
081011421	990 B	IRATI	050W3956 25S2756	B N	0.25 A	130.7	165.00	6.0 A		RJ81/87	
081010590	990 B	ITAPIRANGA	053W4145 27S0928	B D	2.00 A	89.1	436.99	A		RJ81/87	
081010590	990 B	ITAPIRANGA	053W4145 27S0928	B N	0.25 A	89.1	154.50	5.8 A		RJ81/87	
081031435	990 B	SANANDUVA	051W4813 27S5721	B D	2.50 A	77.2	466.44	A		RJ81/87	
081031435	990 B	SANANDUVA	051W4813 27S5721	B N	0.25 A	77.2	147.50	5.6 A		RJ81/87	
081031420	990 B	TUPANCIRETA	053W5125 29S0437	B D	2.00 A	97.4	442.65	A		RJ81/87	
081031420	990 B	TUPANCIRETA	053W5125 29S0437	B N	0.50 A	97.4	221.32	5.6 A		RJ81/87	
081010366	1010 B	BARRETOS	048W3328 20S3330	C D	1.00 A	76.4	303.00	A		RJ81/87	
081010366	1010 B	BARRETOS	048W3328 20S3330	C N	0.50 A	76.4	214.25	4.8 A		RJ81/87	
081010820	1010 B	CAXIAS DO SUL	051W0821 29S0829	B D	7.00 A	116.3	851.93	A		RJ81/87	

081010820	1010	B	CAXIAS DO SUL	051W0821 29S0829	B N	0.75 A	116.3	278.86	9.3 A		RJ81/87	
081010369	1010	B	JACUTINGA	046W3700 22S1700	B D	5.00 A	76.4	677.53	A		RJ81/87	
081010369	1010	B	JACUTINGA	046W3700 22S1700	B N	0.25 A	76.4	151.50	4.9 A		RJ81/87	
081030174	1010	B	LENC PAULISTA	048W4834 22S3548	B D	5.00 A	88.5	659.64	A		RJ81/87	
081030174	1010	B	LENC PAULISTA	048W4834 22S3548	B N	0.50 A	88.5	208.60	5.9 A		RJ81/87	
081030711	1010	B	MARTINOPOLIS	051W1500 22S1000	B D	5.00 A	109.1	677.53	A		RJ81/87	
081030711	1010	B	MARTINOPOLIS	051W1500 22S1000	B N	0.25 A	109.1	151.50	6.3 A		RJ81/87	
081011162	1010	B	S HELENA DE GO	050W3507 17S4900	B D	10.00 A	107.9	1005.60	A		RJ81/87	
081011162	1010	B	S HELENA DE GO	050W3507 17S4900	B N	0.50 A	107.9	224.86	3.7 A		RJ81/87	
081031409	1010	B	S LUIZ GONZAGA	054W5909 28S2520	B D	3.00 A	76.4	519.62	A		RJ81/87	
081031409	1010	B	S LUIZ GONZAGA	054W5909 28S2520	B N	1.00 A	76.4	300.00	9.7 A		RJ81/87	
081010375	1020	B	ASSIS	050W2500 22S4030	B D	5.00 A	72.2	673.06	A		RJ81/87	
081010375	1020	B	ASSIS	050W2500 22S4030	B N	0.25 A	72.2	150.50	5.3 A		RJ81/87	
081011076	1020	B	CACH PAULISTA	045W0445 22S3850	B D	15.00 A	77.1	1177.39	A		RJ81/87	
081011076	1020	B	CACH PAULISTA	045W0445 22S3850	B N	0.25 A	77.1	152.00	4.4 A		RJ81/87	
081011276	1020	B	CEL FREITAS	052W4141 26S5356	B D	2.50 A	77.1	480.67	A		RJ81/87	
081011276	1020	B	CEL FREITAS	052W4141 26S5356	B N	0.25 A	77.1	152.00	8.4 A		RJ81/87	
081010379	1020	B	COLATINA	040W3910 19S3145	B D	10.00 A	93.0	939.20	A		RJ81/87	
081010379	1020	B	COLATINA	040W3910 19S3145	B N	0.40 A	93.0	187.84	2.6 A		RJ81/87	
081030283	1020	B	FIRMINOPOLIS	050W1825 16S3419	B D	10.00 A	77.1	961.33	A		RJ81/87	
081030283	1020	B	FIRMINOPOLIS	050W1825 16S3419	B N	0.50 A	77.1	214.96	3.1 A		RJ81/87	
081007378	1030	B	REALEZA	053W3225 25S4704	B D	2.50 A	75.4	477.50	A		RJ81/87	
081007378	1030	B	REALEZA	053W3225 25S4704	B N	0.25 A	75.4	151.00	4.9 A		RJ81/87	
081031150	1030	B	RONDONOPOLIS	054W3808 16S2815	B D	50.00 A	116.2	2276.88	A		RJ81/87	
081031150	1030	B	RONDONOPOLIS	054W3808 16S2815	B N	1.00 A	116.2	322.00	2.9 A		RJ81/87	
081007266	1050	B	AQUIRAS	038W2307 03S5435	B D	10.00 A	113.4	1018.25	A		RJ81/87	
081007266	1050	B	AQUIRAS	038W2307 03S5435	B N	0.50 A	113.4	227.69	2.8 A		RJ81/87	
081030257	1050	B	BRACO DO NORTE	049W0803 28S1620	B D	7.00 A	74.3	799.02	A		RJ81/87	

081030257	1050	B	BRACO DO NORTE	049W0803 28S1620	B N	0.25	A	74.3	151.00	15.6	A		RJ81/87	
093003179	1050	B	CAMACARI	038W1802 12S4227	B D	25.00	A	113.4	1610.00		A		RJ81/87	
093003179	1050	B	CAMACARI	038W1802 12S4227	B N	0.75	A	113.4	278.86	3.1	A		RJ81/87	
081011327	1050	B	PALMAS	051W5941 26S3029	B D	5.00	A	90.7	679.76		A		RJ81/87	
081011327	1050	B	PALMAS	051W5941 26S3029	B N	0.25	A	90.7	152.00	15.2	A		RJ81/87	
081010621	1050	B	S ANT PLATINA	050W0500 23S1700	B D	5.00	A	90.7	693.18		A		RJ81/87	
081010621	1050	B	S ANT PLATINA	050W0500 23S1700	B N	0.25	A	90.7	155.00	7.6	A		RJ81/87	
081032135	1060	B	BARRA DO MENDE	042W0500 11S5000	B D	2.50	A	89.0	486.99		A		RJ81/87	
081032135	1060	B	BARRA DO MENDE	042W0500 11S5000	B N	0.25	A	89.0	154.00	5.0	A		RJ81/87	
081030263	1060	B	FCO BELTRAO	053W0215 26S0314	B D	10.00	A	101.8	948.68		A		RJ81/87	
081030263	1060	B	FCO BELTRAO	053W0215 26S0314	B N	0.50	A	101.8	212.13	4.7	A		RJ81/87	
093003181	1060	B	FLORIANOPOLIS	048W3228 27S4121	B D	2.00	A	78.9	417.19		A		RJ81/87	
093003181	1060	B	FLORIANOPOLIS	048W3228 27S4121	B N	0.40	A	78.9	186.57	4.0	A		RJ81/87	
081031349	1060	B	GARCA	049W4114 22S1457	B D	5.00	A	90.3	690.95		A		RJ81/87	
081031349	1060	B	GARCA	049W4114 22S1457	B N	0.25	A	90.3	154.50	3.8	A		RJ81/87	
081011052	1060	B	SOLEDADE	052W3026 28S4746	B D	2.00	A	108.1	449.72		A		RJ81/87	
081011052	1060	B	SOLEDADE	052W3026 28S4746	B N	0.50	A	108.1	224.86	5.1	A		RJ81/87	
081030256	1070	B	BENT GONCALVES	051W3203 29S1143	B D	2.00	A	160.5	480.83		A		RJ81/87	
081030256	1070	B	BENT GONCALVES	051W3203 29S1143	B N	0.25	A	160.5	170.00	4.1	A		RJ81/87	
081031364	1070	B	CRISSIUMAL	054W0522 27S3043	C D	1.00	A	101.4	315.00		A		RJ81/87	
081031364	1070	B	CRISSIUMAL	054W0522 27S3043	C N	0.25	A	101.4	157.50	5.6	A		RJ81/87	
081011228	1070	B	GUARANIACU	052W5230 25S0530	B D	6.00	A	75.8	742.20		A		RJ81/87	
081011228	1070	B	GUARANIACU	052W5230 25S0530	B N	0.25	A	75.8	151.50	4.5	A		RJ81/87	
081010416	1070	B	JAU	048W3240 22S1821	C D	1.00	A	95.0	299.00		A		RJ81/87	
081010416	1070	B	JAU	048W3240 22S1821	C N	0.25	A	95.0	149.50	3.9	A		RJ81/87	
081010644	1070	B	PRES PRUDENTE	051W2300 22S0700	B D	10.00	A	105.3	1002.44		A		RJ81/87	
081010644	1070	B	PRES PRUDENTE	051W2300 22S0700	B N	1.00	A	105.3	317.00	3.5	A		RJ81/87	
081030274	1070	B	UNIAO VITORIA	051W0442 26S1227	B D	5.00	A	89.9	690.95		A		RJ81/87	

081030274	1070	B	UNIAO VITORIA	051W0442 26S1227	B N	0.25	A	89.9	154.50	4.3	A		RJ81/87	
081010418	1080	B	BATATAIS	047W3446 20S5455	B D	5.00	A	76.5	677.53		A		RJ81/87	
081010418	1080	B	BATATAIS	047W3446 20S5455	B N	1.00	A	76.5	303.00	7.3	A		RJ81/87	
081030251	1080	B	BELEM	048W2555 01S2203	B D	15.00	A	90.7	1200.62		A		RJ81/87	
081030251	1080	B	BELEM	048W2555 01S2203	B N	5.00	A	90.7	693.18	2.6	A		RJ81/87	
081010420	1080	B	BRASILIA	048W0046 15S4917	B D	25.00	A	116.6	1620.00		A		RJ81/87	
081010420	1080	B	BRASILIA	048W0046 15S4917	B N	5.00	A	116.6	724.49	3.8	A		RJ81/87	
081010421	1080	B	CARUARU	035W5500 08S1400	B D	10.00	A	117.9	1024.58		A		RJ81/87	
081010421	1080	B	CARUARU	035W5500 08S1400	B N	0.50	A	117.9	229.10	2.6	A		RJ81/87	
081010423	1080	B	FEIRA SANTANA	038W5917 12S1600	B D	10.00	A	117.9	1024.58		A		RJ81/87	
081010423	1080	B	FEIRA SANTANA	038W5917 12S1600	B N	0.50	A	117.9	229.10	3.8	A		RJ81/87	
081010424	1080	B	INDAIAL	049W1503 26S5220	B D	2.00	A	124.4	428.51		A		RJ81/87	
081010424	1080	B	INDAIAL	049W1503 26S5220	B N	1.00	A	124.4	303.00	9.4	A		RJ81/87	
081010426	1080	B	IRAI	053W1520 27S1225	B D	3.00	A	71.3	521.35		A		RJ81/87	
081010426	1080	B	IRAI	053W1520 27S1225	B N	0.25	A	71.3	150.50	11.4	A		RJ81/87	
081010429	1080	B	JUIZ DE FORA	043W2100 21S4600	B D	25.00	A	117.9	1620.00		A		RJ81/87	
081010429	1080	B	JUIZ DE FORA	043W2100 21S4600	B N	0.70	A	117.9	271.08	5.7	A		RJ81/87	
081010432	1080	B	PONTA GROSSA 2	050W0813 25S0358	B D	2.50	A	97.2	494.90		A		RJ81/87	
081010432	1080	B	PONTA GROSSA 2	050W0813 25S0358	B N	0.50	A	97.2	221.32	9.3	A		RJ81/87	
081010436	1080	B	SOROCABA	047W2847 23S3205	B D	10.00	A	110.2	932.87		A		RJ81/87	
081010436	1080	B	SOROCABA	047W2847 23S3205	B N	1.00	A	110.2	295.00	7.7	A		RJ81/87	
081010440	1090	B	CORONEL VIVIDA	052W3400 25S5800	B D	2.50	A	77.2	480.67		A		RJ81/87	
081010440	1090	B	CORONEL VIVIDA	052W3400 25S5800	B N	0.25	A	77.2	152.00	5.6	A		RJ81/87	
081010442	1090	B	GOIANIA	049W1552 16S4239	B D	25.00	A	90.3	1475.00		A		RJ81/87	
081010442	1090	B	GOIANIA	049W1552 16S4239	B N	1.00	A	90.3	295.00	3.8	A		RJ81/87	
081010444	1090	B	JOINVILE	048W4845 26S1853	C D	1.00	A	74.6	301.00		A		RJ81/87	
081010444	1090	B	JOINVILE	048W4845 26S1853	C N	0.25	A	74.6	150.50	5.5	A		RJ81/87	
081010445	1090	B	MARILIA	049W5542 22S1342	B D	3.00	A	94.2	540.40		A		RJ81/87	

081010445	1090	B	MARILIA	049W5542	22S1342	B N	0.50	A	94.2	220.62	5.0	A		RJ81/87	
081010446	1090	B	MONTE ALTO	048W2845	21S1536	B D	3.00	A	77.2	524.81		A		RJ81/87	
081010446	1090	B	MONTE ALTO	048W2845	21S1536	B N	0.50	A	77.2	214.25	5.5	A		RJ81/87	
081031155	1090	B	SARANDI PR	051W5234	23S2755	B D	5.00	A	90.3	659.64		A		RJ81/87	
081031155	1090	B	SARANDI PR	051W5234	23S2755	B N	0.40	A	90.3	186.57	5.0	A		RJ81/87	
081010451	1090	B	TUBARAO	049W0025	28S3032	B D	5.00	A	77.2	679.76		A		RJ81/87	
081010451	1090	B	TUBARAO	049W0025	28S3032	B N	0.50	A	77.2	214.96	5.6	A		RJ81/87	
081007288	1100	B	TAUA 1	040W1640	06S1800	C D	1.00	A	77.9	304.00		A		RJ81/87	
081007288	1100	B	TAUA 1	040W1640	06S1800	C N	0.25	A	77.9	152.00	4.3	A		RJ81/87	
081010453	1110	B	ANTONIO PRADO	051W1652	28S5142	B D	2.00	A	86.6	417.19		A		RJ81/87	
081010453	1110	B	ANTONIO PRADO	051W1652	28S5142	B N	0.40	A	86.6	186.57	4.4	A		RJ81/87	
081010454	1110	B	ARACATUBA	050W2912	21S1124	B D	2.50	A	75.9	479.09		A		RJ81/87	
081010454	1110	B	ARACATUBA	050W2912	21S1124	B N	0.25	A	75.9	151.50	5.9	A		RJ81/87	
081011126	1110	B	CACADOR	050W5935	26S4455	B D	2.00	A	110.6	428.51		A		RJ81/87	
081011126	1110	B	CACADOR	050W5935	26S4455	B N	0.40	A	110.6	191.63	5.1	A		RJ81/87	
081010459	1110	B	IBITINGA	048W5000	21S4554	B D	3.00	A	115.9	554.26		A		RJ81/87	
081010459	1110	B	IBITINGA	048W5000	21S4554	B N	0.50	A	115.9	226.27	6.5	A		RJ81/87	
081031433	1110	B	SAO CARLOS SC	053W0110	27S0440	B D	2.50	A	66.6	472.76		A		RJ81/87	
081031433	1110	B	SAO CARLOS SC	053W0110	27S0440	B N	0.25	A	66.6	149.50	4.9	A		RJ81/87	
081010468	1110	B	SOBRADINHO	053W0210	29S2700	B D	2.00	A	99.9	444.06		A		RJ81/87	
081010468	1110	B	SOBRADINHO	053W0210	29S2700	B N	0.40	A	99.9	198.59	4.7	A		RJ81/87	
081031797	1120	B	BELO CAMPO	041W1544	15S0148	C D	1.00	A	100.8	315.00		A		RJ81/87	
081031797	1120	B	BELO CAMPO	041W1544	15S0148	C N	0.50	A	100.8	222.74	4.0	A		RJ81/87	
081010748	1120	B	LARANJE DO SUL	052W2401	25S2343	B D	5.00	A	90.0	690.95		A		RJ81/87	
081010748	1120	B	LARANJE DO SUL	052W2401	25S2343	B N	0.50	A	90.0	218.50	19.6	A		RJ81/87	
081010155	1120	B	OURO PRETO	043W2854	20S2254	B D	10.00	A	80.6	964.49		A		RJ81/87	
081010155	1120	B	OURO PRETO	043W2854	20S2254	B N	0.50	A	80.6	215.67	8.9	A		RJ81/87	
097004685	1120	B	S AUGUSTO	053W4648	27S5136	B D	10.00	A	126.3	964.49		A		RJ81/87	

097004685	1120	B	S AUGUSTO	053W4648 27S5136	B N	0.60	A	126.3	236.25	12.9	A		RJ81/87	
081010467	1120	B	S JOSE PINHAIS	049W1321 25S3312	B D	25.00	A	87.4	1500.00		A		RJ81/87	
081010467	1120	B	S JOSE PINHAIS	049W1321 25S3312	B N	1.00	A	87.4	300.00	25.7	A		RJ81/87	
090001645	1120	B	SAO MATEUS	039W5159 18S4028	B D	20.00	A	73.9	1350.59		A		RJ81/87	
090001645	1120	B	SAO MATEUS	039W5159 18S4028	B N	1.00	A	73.9	302.00	4.3	A		RJ81/87	
081010475	1120	B	SOBRAL 1	040W2000 03S4000	B D	5.00	A	100.8	704.36		A		RJ81/87	
081010475	1120	B	SOBRAL 1	040W2000 03S4000	B N	1.00	A	100.8	315.00	2.5	A		RJ81/87	
081031449	1120	B	VALENTE	039W2854 11S2604	B D	10.00	A	100.8	955.01		A		RJ81/87	
081031449	1120	B	VALENTE	039W2854 11S2604	B N	0.30	A	100.8	165.41	3.7	A		RJ81/87	
081010478	1130	B	CASTRO	050W0025 24S2730	C D	1.00	A	65.1	298.00		A		RJ81/87	
081010478	1130	B	CASTRO	050W0025 24S2730	C N	0.25	A	65.1	149.00	16.2	A		RJ81/87	
081010483	1130	B	TUPA	050W3100 21S5600	B D	2.50	A	78.7	480.67		A		RJ81/87	
081010483	1130	B	TUPA	050W3100 21S5600	B N	0.25	A	78.7	152.00	15.3	A		RJ81/87	
081010484	1130	B	XANXERE	052W2305 26S5216	B D	10.00	A	101.7	992.96		A		RJ81/87	
081010484	1130	B	XANXERE	052W2305 26S5216	B N	1.00	A	101.7	314.00	10.6	A		RJ81/87	
081010547	1140	B	ASSIS	050W2529 22S4036	B D	10.00	A	117.7	1021.42		A		RJ81/87	
081010547	1140	B	ASSIS	050W2529 22S4036	B N	0.50	A	117.7	228.40	4.1	A		RJ81/87	
081030675	1140	B	BOCAIUVA	043W4856 17S0622	B D	10.00	A	108.1	1005.60		A		RJ81/87	
081030675	1140	B	BOCAIUVA	043W4856 17S0622	B N	0.50	A	108.1	224.86	7.1	A		RJ81/87	
081011074	1140	B	BUTIA	051W5745 30S0748	B D	2.00	A	101.2	444.06		A		RJ81/87	
081011074	1140	B	BUTIA	051W5745 30S0748	B N	0.50	A	101.2	222.03	4.9	A		RJ81/87	
081010181	1140	B	CAMPANHA	045W2402 21S5010	B D	2.50	A	78.0	479.09		A		RJ81/87	
081010181	1140	B	CAMPANHA	045W2402 21S5010	B N	0.25	A	78.0	151.50	4.6	A		RJ81/87	
081031267	1140	B	CHOPINZINHO	052W3005 25S5149	B D	2.50	A	75.2	479.09		A		RJ81/87	
081031267	1140	B	CHOPINZINHO	052W3005 25S5149	B N	0.25	A	75.2	151.50	5.2	A		RJ81/87	
081011187	1140	B	FATIMA DO SUL	054W2939 22S2319	B D	10.00	A	116.3	1021.42		A		RJ81/87	
081011187	1140	B	FATIMA DO SUL	054W2939 22S2319	B N	0.50	A	116.3	228.40	5.2	A		RJ81/87	
081010485	1140	B	FORMOSA	047W2000 15S3200	C D	5.00	A	78.0	677.53		A		RJ81/87	

081010485	1140	B	FORMOSA	047W2000 15S3200	C N	0.25	A	78.0	151.50	5.0	A		RJ81/87	
081010486	1140	B	MURIAE	042W2200 21S0800	B D	8.00	A	109.4	902.27		A		RJ81/87	
081010486	1140	B	MURIAE	042W2200 21S0800	B N	0.50	A	109.4	225.57	4.9	A		RJ81/87	
081010488	1140	B	RUSSAS	037W5820 04S5615	B D	10.00	A	75.2	958.17		A		RJ81/87	
081010488	1140	B	RUSSAS	037W5820 04S5615	B N	1.00	A	75.2	303.00	5.8	A		RJ81/87	
081010490	1140	B	SALVADOR	038W3839 12S5503	B D	50.00	A	98.5	2220.32		A		RJ81/87	
081010490	1140	B	SALVADOR	038W3839 12S5503	B N	10.00	A	98.5	992.96	1.9	A		RJ81/87	
081010291	1140	B	URUGUAIANA	057W0505 29S4532	B D	5.00	A	79.3	682.00		A		RJ81/87	
081010291	1140	B	URUGUAIANA	057W0505 29S4532	B N	0.70	A	79.3	255.18	8.6	A		RJ81/87	
081031804	1150	B	JARDIM SERIDO	036W4556 06S3500	B D	5.00	A	80.0	682.00		A		RJ81/87	
081031804	1150	B	JARDIM SERIDO	036W4556 06S3500	B N	0.50	A	80.0	215.67	6.0	A		RJ81/87	
081030286	1150	B	PARACURU	039W0200 03S2800	B D	5.00	A	81.4	682.00		A		RJ81/87	
081030286	1150	B	PARACURU	039W0200 03S2800	B N	0.50	A	81.4	215.67	6.3	A		RJ81/87	
081031141	1160	B	BOCAINA	041W1927 06S5657	C D	1.00	A	80.7	305.00		A		RJ81/87	
081031141	1160	B	BOCAINA	041W1927 06S5657	C N	0.25	A	80.7	152.50	3.3	A		RJ81/87	
081011372	1160	B	ITABERAI	049W4828 16S0050	B D	10.00	A	80.7	967.66		A		RJ81/87	
081011372	1160	B	ITABERAI	049W4828 16S0050	B N	1.00	A	80.7	306.00	6.7	A		RJ81/87	
081031413	1160	B	JAGUARI	054W4159 29S2940	B D	2.50	A	90.5	466.44		A		RJ81/87	
081031413	1160	B	JAGUARI	054W4159 29S2940	B N	0.50	A	90.5	208.60	7.2	A		RJ81/87	
081010510	1160	B	MOCOCA	046W5920 21S2830	C D	1.00	A	66.8	298.00		A		RJ81/87	
081010510	1160	B	MOCOCA	046W5920 21S2830	C N	0.25	A	66.8	149.00	7.3	A		RJ81/87	
081010511	1160	B	PELOTAS	052W2000 31S4600	B D	2.50	A	104.4	502.80		A		RJ81/87	
081010511	1160	B	PELOTAS	052W2000 31S4600	B N	1.00	A	104.4	318.00	5.6	A		RJ81/87	
081010514	1160	B	S MIGUEL GUAMA	047W2920 01S3544	B D	5.00	A	76.6	677.53		A		RJ81/87	
081010514	1160	B	S MIGUEL GUAMA	047W2920 01S3544	B N	1.00	A	76.6	303.00	1.5	A		RJ81/87	
081010517	1160	B	TAUBATE	045W3416 22S5940	B D	4.00	A	80.7	590.00		A		RJ81/87	
081010517	1160	B	TAUBATE	045W3416 22S5940	B N	0.25	A	80.7	147.50	7.9	A		RJ81/87	
081011476	1160	B	VOTORANTIM 1	047W2646 23S3221	B D	5.00	A	80.7	659.64		A		RJ81/87	

081011476	1160	B	VOTORANTIM 1	047W2646 23S3221	B N	0.50	A	80.7	208.60	7.1	A		RJ81/87	
081011354	1170	B	B J ITABAPOANA	041W4006 21S0911	B D	5.00	A	92.7	695.42		A		RJ81/87	
081011354	1170	B	B J ITABAPOANA	041W4006 21S0911	B N	0.25	A	92.7	155.50	6.7	A		RJ81/87	
097004677	1170	B	ITAQUI	056W2854 29S1005	B D	1.50	A	108.1	389.47		A		RJ81/87	
097004677	1170	B	ITAQUI	056W2854 29S1005	B N	1.00	A	108.1	318.00	9.5	A		RJ81/87	
081031120	1170	B	MANDAGUACU	052W0152 23S2244	B D	8.00	A	89.9	873.98		A		RJ81/87	
081031120	1170	B	MANDAGUACU	052W0152 23S2244	B N	1.00	A	89.9	309.00	14.0	A		RJ81/87	
081010532	1170	B	PASSO FUNDO	052W2423 28S1433	B D	5.00	A	105.3	706.60		A		RJ81/87	
081010532	1170	B	PASSO FUNDO	052W2423 28S1433	B N	0.60	A	105.3	244.77	7.8	A		RJ81/87	
081007371	1180	B	S C RIO PARDO	049W3755 22S5437	B D	2.00	A	90.6	438.41		A		RJ81/87	
081007371	1180	B	S C RIO PARDO	049W3755 22S5437	B N	0.50	A	90.6	219.20	7.6	A		RJ81/87	
081030229	1180	B	S JOAO DO IVAI	051W4925 23S5922	B D	2.50	A	102.0	498.06		A		RJ81/87	
081030229	1180	B	S JOAO DO IVAI	051W4925 23S5922	B N	0.25	A	102.0	157.50	5.8	A		RJ81/87	
081031127	1190	B	GUARAC NORTE	040W4508 04S1000	B D	5.00	A	81.4	684.24		A		RJ81/87	
081031127	1190	B	GUARAC NORTE	040W4508 04S1000	B N	0.25	A	81.4	153.00	4.0	A		RJ81/87	
081010537	1190	B	NATAL 1	035W1500 05S4902	B D	10.00	A	120.0	1027.74		A		RJ81/87	
081010537	1190	B	NATAL 1	035W1500 05S4902	B N	1.00	A	120.0	325.00	2.7	A		RJ81/87	
081031339	1190	B	PALMITAL 1	052W1203 24S5317	B D	5.00	A	85.7	686.47		A		RJ81/87	
081031339	1190	B	PALMITAL 1	052W1203 24S5317	B N	0.40	A	85.7	194.16	4.1	A		RJ81/87	
081010310	1190	B	PASSA QUATRO	044W5800 22S2300	B D	20.00	A	129.9	1480.28		A		RJ81/87	
081010310	1190	B	PASSA QUATRO	044W5800 22S2300	B N	0.25	A	129.9	165.50	3.3	A		RJ81/87	
081010622	1190	B	S LOURENCO SUL	051W5807 31S2226	B D	2.50	A	107.1	501.22		A		RJ81/87	
081010622	1190	B	S LOURENCO SUL	051W5807 31S2226	B N	0.25	A	107.1	158.50	5.1	A		RJ81/87	
081030249	1190	B	SAO DOMINGOS	052W3112 26S3344	B D	2.50	A	81.4	483.83		A		RJ81/87	
081030249	1190	B	SAO DOMINGOS	052W3112 26S3344	B N	0.25	A	81.4	153.00	4.4	A		RJ81/87	
090001744	1190	B	SERAFINA CORRE	051W5620 28S4230	B D	2.50	A	100.0	496.48		A		RJ81/87	
090001744	1190	B	SERAFINA CORRE	051W5620 28S4230	B N	0.80	A	100.0	280.85	4.5	A		RJ81/87	
090001647	1190	B	SILVANIA	048W3507 16S3848	B D	10.00	A	120.0	1027.74		A		RJ81/87	

090001647	1190	B	SILVANIA	048W3507 16S3848	B N	0.25	A	120.0	162.50	2.9	A		RJ81/87	
081010542	1200	B	JACOBINA	040W3117 11S1128	B D	10.00	A	82.1	967.66		A		RJ81/87	
081010542	1200	B	JACOBINA	040W3117 11S1128	B N	0.50	A	82.1	216.37	6.1	A		RJ81/87	
081031303	1200	B	PILAR	035W5100 09S4533	B D	50.00	A	90.7	2192.03		A		RJ81/87	
081031303	1200	B	PILAR	035W5100 09S4533	B N	1.00	A	90.7	310.00	7.0	A		RJ81/87	
081032149	1210	B	BRASILIA	048W0318 15S4714	B D	50.00	A	122.0	2305.17		A		RJ81/87	
081032149	1210	B	BRASILIA	048W0318 15S4714	B N	2.50	A	122.0	515.45	3.9	A		RJ81/87	
081010550	1210	B	C ITAPEMIRIM	041W0600 20S5100	B D	10.00	A	98.7	989.79		A		RJ81/87	
081010550	1210	B	C ITAPEMIRIM	041W0600 20S5100	B N	1.00	A	98.7	313.00	4.3	A		RJ81/87	
081010552	1210	B	CURITIBA	049W0730 25S2656	B D	25.00	A	116.2	1615.00		A		RJ81/87	
081010552	1210	B	CURITIBA	049W0730 25S2656	B N	5.00	A	116.2	722.25	6.5	A		RJ81/87	
081010554	1210	B	GARANHUNS	036W3000 08S5300	B D	10.00	A	92.9	983.47		A		RJ81/87	
081010554	1210	B	GARANHUNS	036W3000 08S5300	B N	1.00	A	92.9	311.00	3.2	A		RJ81/87	
081010555	1210	B	JABOTICABAL	048W1825 21S1545	B D	10.00	A	82.8	967.66		A		RJ81/87	
081010555	1210	B	JABOTICABAL	048W1825 21S1545	B N	1.00	A	82.8	306.00	7.8	A		RJ81/87	
090002004	1210	B	S PAULO POTENGI	035W4540 05S5330	B D	5.00	A	130.7	684.24		A		RJ81/87	
090002004	1210	B	S PAULO POTENGI	035W4540 05S5330	B N	0.25	A	130.7	153.00	3.7	A		RJ81/87	
081010558	1210	B	TUBARAO	049W0230 28S3143	B D	10.00	A	82.8	967.66		A		RJ81/87	
081010558	1210	B	TUBARAO	049W0230 28S3143	B N	0.50	A	82.8	216.37	9.1	A		RJ81/87	
081010559	1210	B	UBERLANDIA	048W1832 18S5107	B D	10.00	A	114.7	1049.88		A		RJ81/87	
081010559	1210	B	UBERLANDIA	048W1832 18S5107	B N	0.50	A	114.7	234.76	6.0	A		RJ81/87	
081030236	1230	B	CAMPINA VERDE	049W2100 19S3200	B D	10.00	A	147.6	989.79		A		RJ81/87	
081030236	1230	B	CAMPINA VERDE	049W2100 19S3200	B N	7.00	A	147.6	828.12	9.5	A		RJ81/87	
081010566	1230	B	GOIANIA	049W1406 16S3927	B D	50.00	A	124.0	2312.24		A		RJ81/87	
081010566	1230	B	GOIANIA	049W1406 16S3927	B N	2.50	A	124.0	517.03	6.2	A		RJ81/87	
081011149	1230	B	NONOAI	052W4648 27S2031	B D	2.00	A	79.7	428.51		A		RJ81/87	
081011149	1230	B	NONOAI	052W4648 27S2031	B N	0.25	A	79.7	151.50	7.8	A		RJ81/87	
081030713	1230	B	NOVA PRATA	051W3710 28S4651	B D	2.30	A	118.1	465.59		A		RJ81/87	

081030713	1230	B	NOVA PRATA	051W3710 28S4651	B N	0.35	A	118.1	181.62	7.4	A		RJ81/87	
081010512	1230	B	PORTO UNIAO	051W0436 26S1419	B D	5.00	A	90.0	659.64		A		RJ81/87	
081010512	1230	B	PORTO UNIAO	051W0436 26S1419	B N	0.65	A	90.0	237.84	8.1	A		RJ81/87	
081011072	1240	B	ARAPONGAS	051W2520 23S2459	C D	1.00	A	111.6	308.00		A		RJ81/87	
081011072	1240	B	ARAPONGAS	051W2520 23S2459	C N	0.25	A	111.6	154.00	4.9	A		RJ81/87	
081010572	1240	B	BOTUCATU	048W2537 22S5314	B D	10.00	A	78.9	961.33		A		RJ81/87	
081010572	1240	B	BOTUCATU	048W2537 22S5314	B N	0.25	A	78.9	152.00	5.0	A		RJ81/87	
090001648	1240	B	CANINDE	039W1810 04S2220	B D	10.00	A	81.8	967.66		A		RJ81/87	
090001648	1240	B	CANINDE	039W1810 04S2220	B N	0.25	A	81.8	153.00	5.5	A		RJ81/87	
081010573	1240	B	CP GRANDE	054W3410 20S2850	B D	5.00	A	107.1	708.83		A		RJ81/87	
081010573	1240	B	CP GRANDE	054W3410 20S2850	B N	1.00	A	107.1	317.00	3.3	A		RJ81/87	
081010574	1240	B	CUNHA PORA	053W1030 26S5525	B D	2.20	A	81.8	452.39		A		RJ81/87	
081010574	1240	B	CUNHA PORA	053W1030 26S5525	B N	0.25	A	81.8	152.50	5.9	A		RJ81/87	
081010577	1240	B	ITUIUTABA	049W3020 18S5835	B D	10.00	A	90.8	1075.17		A		RJ81/87	
081010577	1240	B	ITUIUTABA	049W3020 18S5835	B N	0.35	A	90.8	201.15	5.2	A		RJ81/87	
081011062	1250	B	CASIMIRO DE ABREU	042W1130 22S2830	B D	15.00	A	90.0	1196.75		A		RJ81/87	
081011062	1250	B	CASIMIRO DE ABREU	042W1130 22S2830	B N	0.50	A	90.0	218.50	6.3	A		RJ81/87	
081031343	1250	B	CATUIPE	054W0112 28S1525	B D	5.00	A	162.0	798.28		A		RJ81/87	
081031343	1250	B	CATUIPE	054W0112 28S1525	B N	6.00	A	162.0	874.47	5.4	A		RJ81/87	
081010583	1250	B	CAXIAS DO SUL	051W1023 29S0813	B D	15.00	A	123.0	1262.59		A		RJ81/87	
081010583	1250	B	CAXIAS DO SUL	051W1023 29S0813	B N	0.50	A	123.0	230.52	5.5	A		RJ81/87	
081010592	1250	B	PARANAVAI	052W2524 23S0605	B D	5.00	A	85.5	686.47		A		RJ81/87	
081010592	1250	B	PARANAVAI	052W2524 23S0605	B N	0.40	A	85.5	194.16	5.6	A		RJ81/87	
081010593	1250	B	PELOTAS	052W1711 31S4552	C D	1.00	A	93.0	311.00		A		RJ81/87	
081010593	1250	B	PELOTAS	052W1711 31S4552	C N	1.00	A	93.0	311.00	4.6	A		RJ81/87	
081010596	1250	B	SANTA I OESTE	053W2832 25S4854	B D	2.50	A	82.5	482.25		A		RJ81/87	
081010596	1250	B	SANTA I OESTE	053W2832 25S4854	B N	0.25	A	82.5	152.50	5.1	A		RJ81/87	
081010599	1260	B	BLUMENAU	049W0513 26S5204	B D	10.00	A	117.9	1021.42		A		RJ81/87	

081010599	1260	B	BLUMENAU	049W0513	26S5204	B N	0.60	A	117.9	250.19	3.3	A		RJ81/87	
081010603	1260	B	LIMOEIRO NORTE	038W0614	05S0908	B D	10.00	A	86.2	973.98		A		RJ81/87	
081010603	1260	B	LIMOEIRO NORTE	038W0614	05S0908	B N	0.25	A	86.2	154.00	5.8	A		RJ81/87	
081010607	1270	B	CAMPOS	041W2049	20S4818	B D	5.00	A	114.3	722.25		A		RJ81/87	
081010607	1270	B	CAMPOS	041W2049	20S4818	B N	0.50	A	114.3	228.40	6.2	A		RJ81/87	
081010613	1270	B	JOACABA	051W3033	27S1050	B D	12.00	A	179.8	1212.44		A		RJ81/87	
081010613	1270	B	JOACABA	051W3033	27S1050	B N	1.00	A	179.8	350.00	6.3	A		RJ81/87	
081010614	1270	B	LAGUNA	048W4710	28S2820	B D	5.00	A	86.9	688.71		A		RJ81/87	
081010614	1270	B	LAGUNA	048W4710	28S2820	B N	0.50	A	86.9	217.79	5.1	A		RJ81/87	
081010618	1270	B	PIRAQUARA	049W1223	25S2507	B D	10.00	A	190.5	1264.91		A		RJ81/87	
081010618	1270	B	PIRAQUARA	049W1223	25S2507	B N	1.00	A	190.5	400.00	5.8	A		RJ81/87	
093001956	1290	B	ARARANGUA	049W2752	28S5556	B D	5.00	A	108.4	711.07		A		RJ81/87	
093001956	1290	B	ARARANGUA	049W2752	28S5556	B N	1.00	A	108.4	318.00	16.4	A		RJ81/87	
081031765	1290	B	ARCOS	045W3006	20S1400	B D	5.00	A	77.4	679.76		A		RJ81/87	
081031765	1290	B	ARCOS	045W3006	20S1400	B N	0.25	A	77.4	152.00	4.1	A		RJ81/87	
092005229	1290	B	CAICO	037W0446	06S2637	B D	5.00	A	89.8	690.95		A		RJ81/87	
092005229	1290	B	CAICO	037W0446	06S2637	B N	0.25	A	89.8	154.50	4.5	A		RJ81/87	
081010656	1290	B	IBIPORA	051W1045	23S1802	B D	25.00	A	161.0	1780.00		A		RJ81/87	
081010656	1290	B	IBIPORA	051W1045	23S1802	B N	0.50	A	161.0	251.73	8.2	A		RJ81/87	
081030254	1290	B	S JOSE CAMPOS	045W5440	23S1116	C D	1.00	A	111.5	320.00		A		RJ81/87	
081030254	1290	B	S JOSE CAMPOS	045W5440	23S1116	C N	0.50	A	111.5	226.27	5.3	A		RJ81/87	
081011340	1290	B	S JOSE RIO PARDO	046W5408	21S3643	B D	5.00	A	92.9	670.82		A		RJ81/87	
081011340	1290	B	S JOSE RIO PARDO	046W5408	21S3643	B N	0.50	A	92.9	212.13	5.6	A		RJ81/87	
081031144	1290	B	UBERLANDIA	048W1804	18S5406	B D	10.00	A	125.4	1030.90		A		RJ81/87	
081031144	1290	B	UBERLANDIA	048W1804	18S5406	B N	0.25	A	125.4	163.00	4.2	A		RJ81/87	
091004047	1300	B	S CARLOS SP	047W5555	21S5942	B D	2.00	A	92.0	417.19		A		RJ81/87	
091004047	1300	B	S CARLOS SP	047W5555	21S5942	B N	0.25	A	92.0	147.50	4.1	A		RJ81/87	
081007385	1300	B	S CECILIA	050W2419	26S5811	B D	2.50	A	85.8	466.44		A		RJ81/87	

081007385	1300	B	S CECILIA	050W2419 26S5811	B N	0.30	A	85.8	161.58	4.5	A		RJ81/87	
081011472	1300	B	SANTO ANASTACIO	051W3826 21S5814	B D	30.00	A	159.1	1944.42		A		RJ81/87	
081011472	1300	B	SANTO ANASTACIO	051W3826 21S5814	B N	0.25	A	159.1	177.50	4.6	A		RJ81/87	
081010668	1310	B	BRAG PAULISTA	046W3235 22S5541	B D	5.00	A	89.6	690.95		A		RJ81/87	
081010668	1310	B	BRAG PAULISTA	046W3235 22S5541	B N	0.25	A	89.6	154.50	3.6	A		RJ81/87	
090001649	1310	B	ITUPORANGA	049W3613 27S2527	B D	10.00	A	179.2	1192.18		A		RJ81/87	
090001649	1310	B	ITUPORANGA	049W3613 27S2527	B N	0.50	A	179.2	266.58	4.9	A		RJ81/87	
081010753	1310	B	RESTINGA SECA	053W2233 29S4848	B D	5.00	A	113.2	693.18		A		RJ81/87	
081010753	1310	B	RESTINGA SECA	053W2233 29S4848	B N	0.45	A	113.2	207.95	6.3	A		RJ81/87	
081030270	1310	B	SARANDI	052W5440 27S5645	B D	10.00	A	128.9	1043.55		A		RJ81/87	
081030270	1310	B	SARANDI	052W5440 27S5645	B N	1.00	A	128.9	330.00	4.6	A		RJ81/87	
081030302	1310	B	VAZANTE	046W5428 17S5923	B D	5.00	A	75.5	677.53		A		RJ81/87	
081030302	1310	B	VAZANTE	046W5428 17S5923	B N	0.25	A	75.5	151.50	3.1	A		RJ81/87	
081010654	1320	B	CURITIBA	049W1158 25S2648	B D	12.00	A	98.2	1084.26		A		RJ81/87	
081010654	1320	B	CURITIBA	049W1158 25S2648	B N	0.50	A	98.2	221.32	5.2	A		RJ81/87	
081030002	1320	B	DIVINOPOLIS	044W5217 20S0711	B D	5.00	A	101.4	697.65		A		RJ81/87	
081030002	1320	B	DIVINOPOLIS	044W5217 20S0711	B N	0.25	A	101.4	156.00	6.8	A		RJ81/87	
081010982	1320	B	IMARUI	048W4900 28S2100	B D	9.00	A	115.6	897.00		A		RJ81/87	
081010982	1320	B	IMARUI	048W4900 28S2100	B N	0.50	A	115.6	211.42	5.0	A		RJ81/87	
081010657	1320	B	MACEIO 1	035W4400 09S3100	B D	10.00	A	85.5	970.82		A		RJ81/87	
081010657	1320	B	MACEIO 1	035W4400 09S3100	B N	0.25	A	85.5	153.50	3.4	A		RJ81/87	
081010658	1320	B	PANAMBI	053W2920 28S1650	B D	3.00	A	90.3	536.94		A		RJ81/87	
081010658	1320	B	PANAMBI	053W2920 28S1650	B N	0.25	A	90.3	155.00	4.9	A		RJ81/87	
081010660	1320	B	PETROPOLIS	043W1033 22S3146	B D	50.00	A	129.9	2340.52		A		RJ81/87	
081010660	1320	B	PETROPOLIS	043W1033 22S3146	B N	5.00	A	129.9	740.14	2.5	A		RJ81/87	
081010664	1320	B	TEOFILO OTONI	041W2807 17S4100	B D	5.00	A	101.4	702.13		A		RJ81/87	
081010664	1320	B	TEOFILO OTONI	041W2807 17S4100	B N	0.25	A	101.4	157.00	5.8	A		RJ81/87	
081010665	1320	B	TUPA	050W3027 21S5534	C D	0.50	A	82.4	217.08		A		RJ81/87	

081010665	1320	B	TUPA	050W3027 21S5534	C N	0.25	A	82.4	153.50	4.8	A		RJ81/87	
097000835	1320	B	VIDEIRA	051W0900 27S0000	B D	5.00	A	117.2	722.25		A		RJ81/87	
097000835	1320	B	VIDEIRA	051W0900 27S0000	B N	0.45	A	117.2	216.67	5.2	A		RJ81/87	
081010667	1330	B	BLUMENAU	049W0355 26S5241	B D	10.00	A	130.9	1046.71		A		RJ81/87	
081010667	1330	B	BLUMENAU	049W0355 26S5241	B N	0.50	A	130.9	234.05	4.6	A		RJ81/87	
092000025	1330	B	CABO	034W5745 08S1345	B D	5.00	A	111.7	715.54		A		RJ81/87	
092000025	1330	B	CABO	034W5745 08S1345	B N	0.25	A	111.7	160.00	3.5	A		RJ81/87	
081010669	1330	B	CHAPECO	052W3710 27S0732	B D	10.00	A	91.0	980.31		A		RJ81/87	
081010669	1330	B	CHAPECO	052W3710 27S0732	B N	0.25	A	91.0	155.00	5.0	A		RJ81/87	
081031333	1330	B	COXIM 1	054W4600 18S2700	C D	1.00	A	91.0	310.00		A		RJ81/87	
081031333	1330	B	COXIM 1	054W4600 18S2700	C N	0.25	A	91.0	155.00	3.8	A		RJ81/87	
081031153	1330	B	REGENTE FEIJO	051W1959 22S1134	B D	30.00	A	89.4	1692.46		A		RJ81/87	
081031153	1330	B	REGENTE FEIJO	051W1959 22S1134	B N	0.25	A	89.4	154.50	4.6	A		RJ81/87	
081010675	1330	B	RIBEIRAO PRETO	047W4621 21S1246	B D	15.00	A	158.0	1367.16		A		RJ81/87	
081010675	1330	B	RIBEIRAO PRETO	047W4621 21S1246	B N	1.00	A	158.0	353.00	4.2	A		RJ81/87	
081011168	1330	B	SAO MARCOS	051W0501 28S5602	B D	2.50	A	99.0	494.90		A		RJ81/87	
081011168	1330	B	SAO MARCOS	051W0501 28S5602	B N	0.50	A	99.0	221.32	4.6	A		RJ81/87	
081010676	1330	B	SERRINHA	039W0000 11S3900	C D	1.00	A	99.0	314.00		A		RJ81/87	
081010676	1330	B	SERRINHA	039W0000 11S3900	C N	1.00	A	99.0	314.00	2.8	A		RJ81/87	
081010678	1340	B	AQUIDAUANA	055W4800 20S2900	B D	3.00	A	80.4	528.28		A		RJ81/87	
081010678	1340	B	AQUIDAUANA	055W4800 20S2900	B N	0.25	A	80.4	152.50	3.5	A		RJ81/87	
081010680	1340	B	ARAPONGAS	051W2557 23S2525	B D	5.00	A	90.0	690.95		A		RJ81/87	
081010680	1340	B	ARAPONGAS	051W2557 23S2525	B N	0.25	A	90.0	154.50	4.3	A		RJ81/87	
094004191	1340	B	CASCABEL	053W2823 24S5523	B D	20.00	A	90.0	1381.89		A		RJ81/87	
094004191	1340	B	CASCABEL	053W2823 24S5523	B N	0.25	A	90.0	154.50	4.9	A		RJ81/87	
081011481	1340	B	IJUI 1	053W5514 28S2454	B D	10.00	A	93.3	983.47		A		RJ81/87	
081011481	1340	B	IJUI 1	053W5514 28S2454	B N	0.40	A	93.3	196.69	6.2	A		RJ81/87	
081010103	1340	B	ITABIRITO	043W4900 20S1500	B D	10.00	A	86.8	973.98		A		RJ81/87	

081010103	1340	B	ITABIRITO	043W4900 20S1500	B N	0.25	A	86.8	154.00	3.4	A		RJ81/87	
081010684	1340	B	JOAO PESSOA	034W5102 07S0743	B D	5.00	A	127.0	735.67		A		RJ81/87	
081010684	1340	B	JOAO PESSOA	034W5102 07S0743	B N	1.00	A	127.0	329.00	2.5	A		RJ81/87	
081031295	1340	B	PATROCINIO 1	047W2424 18S5430	C D	1.00	A	90.0	310.00		A		RJ81/87	
081031295	1340	B	PATROCINIO 1	047W2424 18S5430	C N	0.25	A	90.0	155.00	6.3	A		RJ81/87	
081031369	1340	B	RIO BONITO	042W4131 22S4322	B D	5.00	A	88.4	688.71		A		RJ81/87	
081031369	1340	B	RIO BONITO	042W4131 22S4322	B N	0.50	A	88.4	217.79	3.1	A		RJ81/87	
081010687	1340	B	S LUIZ 1	044W0800 02S2900	B D	10.00	A	120.6	1027.74		A		RJ81/87	
081010687	1340	B	S LUIZ 1	044W0800 02S2900	B N	2.00	A	120.6	459.62	2.1	A		RJ81/87	
081010688	1350	B	CAMPINA GRANDE	035W5120 07S1130	B D	5.00	A	126.4	735.67		A		RJ81/87	
081010688	1350	B	CAMPINA GRANDE	035W5120 07S1130	B N	0.50	A	126.4	232.64	3.5	A		RJ81/87	
090001939	1350	B	CONCEICAO CASTELO	041W1500 20S2100	C D	1.00	A	90.7	310.00		A		RJ81/87	
090001939	1350	B	CONCEICAO CASTELO	041W1500 20S2100	C N	0.25	A	90.7	155.00	6.4	A		RJ81/87	
081030211	1350	B	GUAPORE	051W5331 28S5014	B D	2.50	A	90.7	490.15		A		RJ81/87	
081030211	1350	B	GUAPORE	051W5331 28S5014	B N	0.50	A	90.7	219.20	6.4	A		RJ81/87	
081010694	1350	B	RIO BRANCO	067W4934 09S5643	B D	50.00	A	108.5	2255.67		A		RJ81/87	
081010694	1350	B	RIO BRANCO	067W4934 09S5643	B N	5.00	A	108.5	713.31	3.0	A		RJ81/87	
081011028	1360	B	IBIRAMA	049W3337 27S0240	B D	25.00	A	97.9	1560.00		A		RJ81/87	
081011028	1360	B	IBIRAMA	049W3337 27S0240	B N	0.40	A	97.9	197.33	6.6	A		RJ81/87	
090002048	1360	B	IPU	040W4127 04S1813	C D	1.00	A	91.4	310.00		A		RJ81/87	
090002048	1360	B	IPU	040W4127 04S1813	C N	0.25	A	91.4	155.00	2.9	A		RJ81/87	
081010703	1360	B	MARAU	052W1228 28S2710	B D	5.00	A	125.7	735.67		A		RJ81/87	
081010703	1360	B	MARAU	052W1228 28S2710	B N	0.50	A	125.7	232.64	5.0	A		RJ81/87	
081011467	1360	B	PORTO LUCENA	055W0022 27S5129	B D	3.00	A	84.9	530.01		A		RJ81/87	
081011467	1360	B	PORTO LUCENA	055W0022 27S5129	B N	0.25	A	84.9	153.00	4.9	A		RJ81/87	
090001119	1370	B	ITABAIANA	037W2455 10S4023	B D	5.00	A	90.4	693.18		A		RJ81/87	
090001119	1370	B	ITABAIANA	037W2455 10S4023	B N	0.50	A	90.4	219.20	3.4	A		RJ81/87	
092005234	1370	B	S MIGUEL	038W3000 06S1300	B D	2.50	A	90.4	490.15		A		RJ81/87	

092005234	1370	B	S MIGUEL	038W3000 06S1300	B N	0.25	A	90.4	155.00	3.4	A		RJ81/87	
081010718	1370	B	S MIGUEL OESTE	053W3400 26S4500	B D	10.00	A	90.4	983.47		A		RJ81/87	
081010718	1370	B	S MIGUEL OESTE	053W3400 26S4500	B N	0.50	A	90.4	219.91	5.1	A		RJ81/87	
081010720	1370	B	TERESINA	042W4807 05S0521	B D	2.50	A	115.1	509.13		A		RJ81/87	
081010720	1370	B	TERESINA	042W4807 05S0521	B N	1.00	A	115.1	322.00	2.3	A		RJ81/87	
081030238	1380	B	CAPINZAL 1	051W3508 27S2052	B D	6.00	A	92.7	761.79		A		RJ81/87	
081030238	1380	B	CAPINZAL 1	051W3508 27S2052	B N	0.25	A	92.7	155.50	3.7	A		RJ81/87	
081031730	1380	B	GANDU	039W2927 13S4550	B D	5.00	A	92.7	695.42		A		RJ81/87	
081031730	1380	B	GANDU	039W2927 13S4550	B N	0.25	A	92.7	155.50	4.5	A		RJ81/87	
081030401	1380	B	ITAIOPOLIS	049W5442 26S2136	B D	6.00	A	92.7	761.79		A		RJ81/87	
081030401	1380	B	ITAIOPOLIS	049W5442 26S2136	B N	0.25	A	92.7	155.50	4.0	A		RJ81/87	
090001942	1380	B	IUNA	041W3200 20S2100	B D	10.00	A	92.7	970.82		A		RJ81/87	
090001942	1380	B	IUNA	041W3200 20S2100	B N	1.00	A	92.7	307.00	3.9	A		RJ81/87	
097000950	1380	B	PALMITINHO	053W3252 27S2100	B D	6.00	A	92.7	761.79		A		RJ81/87	
097000950	1380	B	PALMITINHO	053W3252 27S2100	B N	0.25	A	92.7	155.50	4.2	A		RJ81/87	
081011293	1380	B	PEDERNEIRAS	048W4642 22S2104	C D	1.00	A	89.4	310.00		A		RJ81/87	
081011293	1380	B	PEDERNEIRAS	048W4642 22S2104	C N	0.25	A	89.4	155.00	3.9	A		RJ81/87	
081030266	1380	B	TAPERA	052W5224 28S3819	B D	6.00	A	91.1	761.79		A		RJ81/87	
081030266	1380	B	TAPERA	052W5224 28S3819	B N	0.25	A	91.1	155.50	4.1	A		RJ81/87	
081007394	1380	B	TORRES	049W4300 29S2000	B D	3.00	A	92.7	538.67		A		RJ81/87	
081007394	1380	B	TORRES	049W4300 29S2000	B N	0.50	A	92.7	219.91	3.4	A		RJ81/87	
092005054	1390	B	CONSTANTINA	052W5902 27S4345	B D	8.00	A	180.1	1069.15		A		RJ81/87	
092005054	1390	B	CONSTANTINA	052W5902 27S4345	B N	0.25	A	180.1	189.00	5.6	A		RJ81/87	
081010740	1390	B	LAGES	050W1828 27S4627	B D	7.50	A	93.4	851.71		A		RJ81/87	
081010740	1390	B	LAGES	050W1828 27S4627	B N	0.60	A	93.4	240.90	6.7	A		RJ81/87	
081010742	1390	B	PESQUEIRA	036W4800 08S2200	B D	5.00	A	106.8	711.07		A		RJ81/87	
081010742	1390	B	PESQUEIRA	036W4800 08S2200	B N	1.00	A	106.8	318.00	2.8	A		RJ81/87	
093004795	1390	B	TOUROS	035W2740 05S1212	B D	5.00	A	91.7	693.18		A		RJ81/87	

093004795	1390	B	TOUROS	035W2740	05S1212	B N	0.25	A	91.7	155.00	5.9	A		RJ81/87	
081031337	1390	B	UBERLANDIA 2	048W1700	18S5500	B D	10.00	A	131.8	1015.09		A		RJ81/87	
081031337	1390	B	UBERLANDIA 2	048W1700	18S5500	B N	1.00	A	131.8	321.00	3.4	A		RJ81/87	
081031363	1400	B	BALSA NOVA	049W2802	25S2921	B D	10.00	A	121.0	1027.74		A		RJ81/87	
081031363	1400	B	BALSA NOVA	049W2802	25S2921	B N	0.25	A	121.0	162.50	6.4	A		RJ81/87	
097001277	1400	B	CAMANDUCAIA	046W0841	22S4519	C D	1.00	A	92.4	310.00		A		RJ81/87	
097001277	1400	B	CAMANDUCAIA	046W0841	22S4519	C N	0.25	A	92.4	155.00	6.8	A		RJ81/87	
081030242	1400	B	GUARAI	048W3046	08S5009	C D	1.00	A	132.7	333.00		A		RJ81/87	
081030242	1400	B	GUARAI	048W3046	08S5009	C N	1.00	A	132.7	333.00	2.1	A		RJ81/87	
081010749	1400	B	LONDRINA 1	051W0946	23S1700	B D	5.00	A	92.4	668.58		A		RJ81/87	
081010749	1400	B	LONDRINA 1	051W0946	23S1700	B N	0.25	A	92.4	149.50	5.5	A		RJ81/87	
081010754	1400	B	RIO BRANCO	067W5000	10S0050	B D	10.00	A	100.8	996.12		A		RJ81/87	
081010754	1400	B	RIO BRANCO	067W5000	10S0050	B N	1.00	A	100.8	315.00	3.4	A		RJ81/87	
090001987	1400	B	S JOAO URTIGA	051W4757	27S4616	B D	1.10	A	92.4	325.13		A		RJ81/87	
090001987	1400	B	S JOAO URTIGA	051W4757	27S4616	B N	0.40	A	92.4	196.06	6.5	A		RJ81/87	
081032105	1400	B	S MIGUEL IGUAC	054W1245	25S2117	B D	2.50	A	92.4	490.15		A		RJ81/87	
081032105	1400	B	S MIGUEL IGUAC	054W1245	25S2117	B N	0.45	A	92.4	207.95	5.6	A		RJ81/87	
081032137	1410	B	POMERODE	049W0923	26S4154	B D	5.00	A	93.1	682.00		A		RJ81/87	
081032137	1410	B	POMERODE	049W0923	26S4154	B N	0.50	A	93.1	215.67	6.5	A		RJ81/87	
081011466	1410	B	PONTE SERRADA	052W0000	26S5400	B D	2.00	A	108.3	417.19		A		RJ81/87	
081011466	1410	B	PONTE SERRADA	052W0000	26S5400	B N	0.50	A	108.3	208.60	7.8	A		RJ81/87	
081030244	1410	B	RIO CLARO 1	047W3545	22S2427	C D	1.00	A	143.8	320.00		A		RJ81/87	
081030244	1410	B	RIO CLARO 1	047W3545	22S2427	C N	0.25	A	143.8	160.00	4.5	A		RJ81/87	
081010761	1410	B	RIO GRANDE	052W0709	32S0250	C D	1.00	A	94.8	312.00		A		RJ81/87	
081010761	1410	B	RIO GRANDE	052W0709	32S0250	C N	0.25	A	94.8	156.00	8.7	A		RJ81/87	
081032140	1410	B	S CRUZ 2	036W0048	06S1337	B D	5.00	A	93.1	695.42		A		RJ81/87	
081032140	1410	B	S CRUZ 2	036W0048	06S1337	B N	0.25	A	93.1	155.50	3.4	A		RJ81/87	
081010770	1420	B	FLORIANOPOLIS	048W3151	27S3609	B D	10.00	A	126.1	1040.39		A		RJ81/87	

081010770	1420	B	FLORIANOPOLIS	048W3151	27S3609	B N	2.50	A	126.1	520.19	3.1	A		RJ81/87	
081011397	1420	B	J DE CASTILHOS	053W4033	29S1443	B D	5.00	A	122.7	728.96		A		RJ81/87	
081011397	1420	B	J DE CASTILHOS	053W4033	29S1443	B N	0.25	A	122.7	163.00	5.6	A		RJ81/87	
081011171	1420	B	TAPES	051W2424	30S4035	B D	3.00	A	81.8	516.15		A		RJ81/87	
081011171	1420	B	TAPES	051W2424	30S4035	B N	0.30	A	81.8	163.22	5.8	A		RJ81/87	
081031156	1430	B	COLIDER ITAUBA	055W1635	11S0342	C D	1.00	A	96.1	312.00		A		RJ81/87	
081031156	1430	B	COLIDER ITAUBA	055W1635	11S0342	C N	0.25	A	96.1	156.00	2.1	A		RJ81/87	
081032175	1430	B	GOIANA	035W5222	07S3641	B D	5.00	A	91.0	693.18		A		RJ81/87	
081032175	1430	B	GOIANA	035W5222	07S3641	B N	0.25	A	91.0	155.00	2.9	A		RJ81/87	
081031482	1430	B	PERDIZES MG	047W1720	19S2108	B D	2.50	A	82.4	493.32		A		RJ81/87	
081031482	1430	B	PERDIZES MG	047W1720	19S2108	B N	0.25	A	82.4	156.00	7.2	A		RJ81/87	
081010792	1430	B	PORTO VELHO	063W5500	08S4500	B D	10.00	A	108.1	1005.60		A		RJ81/87	
081010792	1430	B	PORTO VELHO	063W5500	08S4500	B N	1.00	A	108.1	318.00	2.4	A		RJ81/87	
090001121	1440	B	CAIBATE	054W3931	28S1852	B D	2.50	A	89.9	491.73		A		RJ81/87	
090001121	1440	B	CAIBATE	054W3931	28S1852	B N	0.25	A	89.9	155.50	4.2	A		RJ81/87	
081010870	1440	B	CAJURU	047W1827	21S1633	C D	1.00	A	82.9	312.00		A		RJ81/87	
081010870	1440	B	CAJURU	047W1827	21S1633	C N	0.25	A	82.9	156.00	6.2	A		RJ81/87	
081030069	1440	B	GRAMADO	050W5300	29S2300	B D	5.00	A	93.3	695.42		A		RJ81/87	
081030069	1440	B	GRAMADO	050W5300	29S2300	B N	0.30	A	93.3	170.34	4.7	A		RJ81/87	
091003570	1440	B	ITAI	049W0526	23S2504	B D	2.50	A	138.2	510.71		A		RJ81/87	
091003570	1440	B	ITAI	049W0526	23S2504	B N	0.50	A	138.2	228.40	5.6	A		RJ81/87	
081010802	1440	B	MANAUS	059W5839	03S0804	B D	10.00	A	103.7	999.28		A		RJ81/87	
081010802	1440	B	MANAUS	059W5839	03S0804	B N	10.00	A	103.7	999.28	1.1	A		RJ81/87	
081010803	1440	B	MARAVILHA	053W1014	26S4506	B D	2.50	A	95.0	494.90		A		RJ81/87	
081010803	1440	B	MARAVILHA	053W1014	26S4506	B N	0.25	A	95.0	156.50	3.9	A		RJ81/87	
081010798	1440	B	NAO ME TOQUE	052W4830	28S2610	B D	2.50	A	96.8	474.34		A		RJ81/87	
081010798	1440	B	NAO ME TOQUE	052W4830	28S2610	B N	0.30	A	96.8	164.32	4.5	A		RJ81/87	
081010804	1440	B	PRES PRUDENTE 1	051W2501	22S0751	B D	10.00	A	96.8	989.79		A		RJ81/87	

081010804	1440	B	PRES PRUDENTE 1	051W2501 22S0751	B N	0.50	A	96.8	221.32	4.3	A		RJ81/87	
081011343	1440	B	TAIO	049W5904 27S0818	B D	10.00	A	114.1	999.28		A		RJ81/87	
081011343	1440	B	TAIO	049W5904 27S0818	B N	0.35	A	114.1	186.95	4.4	A		RJ81/87	
081010822	1450	B	COROMANDEL	047W1236 18S2713	B D	3.00	A	95.7	540.40		A		RJ81/87	
081010822	1450	B	COROMANDEL	047W1236 18S2713	B N	0.25	A	95.7	156.00	3.3	A		RJ81/87	
081010823	1450	B	CRICIUMA	049W2039 28S4228	B D	10.00	A	217.5	1397.73		A		RJ81/87	
081010823	1450	B	CRICIUMA	049W2039 28S4228	B N	0.25	A	217.5	221.00	3.5	A		RJ81/87	
090002140	1450	B	GUARA NO CROATA	040W4451 04S1001	C D	1.00	A	95.7	312.00		A		RJ81/87	
090002140	1450	B	GUARA NO CROATA	040W4451 04S1001	C N	0.25	A	95.7	156.00	3.6	A		RJ81/87	
081031130	1450	B	GUARANTA NORTE	054W5436 09S4715	C D	1.00	A	95.7	312.00		A		RJ81/87	
081031130	1450	B	GUARANTA NORTE	054W5436 09S4715	C N	0.25	A	95.7	156.00	5.0	A		RJ81/87	
081010825	1450	B	GUARARAPES	050W3000 21S0000	C D	0.25	A	83.5	153.50		A		RJ81/87	
081010825	1450	B	GUARARAPES	050W3000 21S0000	C N	0.25	A	83.5	153.50	4.0	A		RJ81/87	
081007367	1450	B	ITUVERAVA	047W4624 20S2025	B D	2.50	A	104.4	499.64		A		RJ81/87	
081007367	1450	B	ITUVERAVA	047W4624 20S2025	B N	0.25	A	104.4	158.00	4.0	A		RJ81/87	
097000952	1450	B	SEARA	052W1802 27S0930	B D	2.50	A	90.5	490.15		A		RJ81/87	
097000952	1450	B	SEARA	052W1802 27S0930	B N	0.25	A	90.5	155.00	4.0	A		RJ81/87	
081010857	1450	B	UBIRATA	053W0114 24S3333	C D	1.00	A	83.5	305.00		A		RJ81/87	
081010857	1450	B	UBIRATA	053W0114 24S3333	C N	0.25	A	83.5	152.50	4.7	A		RJ81/87	
081010865	1460	B	ARARAS	047W2040 22S2133	B D	5.00	A	122.6	728.96		A		RJ81/87	
081010865	1460	B	ARARAS	047W2040 22S2133	B N	0.50	A	122.6	230.52	3.6	A		RJ81/87	
081010871	1460	B	CAMPINAS SUL	052W3657 27S4305	C D	1.00	A	96.4	313.00		A		RJ81/87	
081010871	1460	B	CAMPINAS SUL	052W3657 27S4305	C N	0.25	A	96.4	156.50	3.6	A		RJ81/87	
081030676	1460	B	ESTANCIA 1	037W2506 11S1400	B D	10.00	A	96.4	986.63		A		RJ81/87	
081030676	1460	B	ESTANCIA 1	037W2506 11S1400	B N	0.50	A	96.4	220.62	2.6	A		RJ81/87	
081010876	1460	B	GASPAR	048W4930 26S5308	B D	2.50	A	96.4	494.90		A		RJ81/87	
081010876	1460	B	GASPAR	048W4930 26S5308	B N	0.25	A	96.4	156.50	3.6	A		RJ81/87	
081010877	1460	B	GUAIRA	054W1646 24S0550	C D	1.00	A	96.4	313.00		A		RJ81/87	

081010877	1460	B	GUAIRA	054W1646 24S0550	C N	0.25	A	96.4	156.50	3.5	A		RJ81/87	
081010879	1460	B	JEQUIE	040W0500 13S3600	C D	1.00	A	96.4	313.00		A		RJ81/87	
081010879	1460	B	JEQUIE	040W0500 13S3600	C N	0.25	A	96.4	156.50	2.9	A		RJ81/87	
081031758	1460	B	S MIGUEL ARCANJO	047W5900 23S5300	C D	1.00	A	99.9	314.00		A		RJ81/87	
081031758	1460	B	S MIGUEL ARCANJO	047W5900 23S5300	C N	0.25	A	99.9	157.00	3.5	A		RJ81/87	
081032177	1460	B	SANTA LUZIA	045W4005 03S5738	C D	1.00	A	96.4	313.00		A		RJ81/87	
081032177	1460	B	SANTA LUZIA	045W4005 03S5738	C N	0.25	A	96.4	156.50	3.6	A		RJ81/87	
081031806	1460	B	SANTO ANTONIO	035W2840 06S1828	B D	10.00	A	96.4	989.79		A		RJ81/87	
081031806	1460	B	SANTO ANTONIO	035W2840 06S1828	B N	1.00	A	96.4	313.00	2.5	A		RJ81/87	
081010915	1470	B	ASSIS CHATEAUBRIAND	053W3200 24S2500	B D	5.00	A	91.7	693.18		A		RJ81/87	
081010915	1470	B	ASSIS CHATEAUBRIAND	053W3200 24S2500	B N	0.25	A	91.7	155.00	3.5	A		RJ81/87	
081010923	1470	B	CACOAL	061W2600 11S2800	C D	1.00	A	90.0	310.00		A		RJ81/87	
081010923	1470	B	CACOAL	061W2600 11S2800	C N	0.25	A	90.0	155.00	2.1	A		RJ81/87	
081010927	1470	B	CRISTALINA	047W3700 16S4600	B D	10.00	A	93.5	983.47		A		RJ81/87	
081010927	1470	B	CRISTALINA	047W3700 16S4600	B N	0.25	A	93.5	155.50	3.2	A		RJ81/87	
081010931	1470	B	HERVAL DOESTE	051W2905 27S1012	B D	3.00	A	97.0	542.13		A		RJ81/87	
081010931	1470	B	HERVAL DOESTE	051W2905 27S1012	B N	0.25	A	97.0	156.50	3.7	A		RJ81/87	
090001983	1470	B	RIB R PARDO	053W4500 20S2700	C D	1.00	A	97.0	313.00		A		RJ81/87	
090001983	1470	B	RIB R PARDO	053W4500 20S2700	C N	0.25	A	97.0	156.50	3.2	A		RJ81/87	
091003576	1470	B	RIO BRANCO DO SUL	049W1851 25S1124	B D	3.00	A	97.0	542.13		A		RJ81/87	
091003576	1470	B	RIO BRANCO DO SUL	049W1851 25S1124	B N	0.25	A	97.0	156.50	3.7	A		RJ81/87	
081010953	1470	B	SAO JOSE	048W3842 27S3728	B D	10.00	A	97.0	989.79		A		RJ81/87	
081010953	1470	B	SAO JOSE	048W3842 27S3728	B N	1.00	A	97.0	313.00	3.1	A		RJ81/87	
081017651	1470	PTR	OROCOVIS PR 1	066W2500 18N1524	B D	2.40	A	99.5	483.35		A		RJ81/87	
081017651	1470	PTR	OROCOVIS PR 1	066W2500 18N1524	B N	3.70	A	99.5	600.14	5.5	A		RJ81/87	
081010967	1480	B	ATIBAIA	046W3319 23S0613	C D	1.00	A	87.0	308.00		A		RJ81/87	
081010967	1480	B	ATIBAIA	046W3319 23S0613	C N	0.25	A	87.0	154.00	3.4	A		RJ81/87	
081032191	1480	B	BOITUVA	047W4503 23S1715	C D	0.50	A	97.7	221.32		A		RJ81/87	

081032191	1480	B	BOITUVA	047W4503 23S1715	C N	0.25	A	97.7	156.50	3.7	A		RJ81/87	
081031322	1480	B	CAIBI	053W1548 27S0404	B D	2.50	A	97.7	494.90		A		RJ81/87	
081031322	1480	B	CAIBI	053W1548 27S0404	B N	0.25	A	97.7	156.50	4.6	A		RJ81/87	
081010973	1480	B	COLINAS	044W1519 06S0120	B D	10.00	A	85.3	970.82		A		RJ81/87	
081010973	1480	B	COLINAS	044W1519 06S0120	B N	0.50	A	85.3	217.08	3.3	A		RJ81/87	
081032185	1480	B	ELESBAO VELOSO	042W0921 06S1127	C D	1.00	A	97.7	313.00		A		RJ81/87	
081032185	1480	B	ELESBAO VELOSO	042W0921 06S1127	C N	0.25	A	97.7	156.50	3.5	A		RJ81/87	
081032186	1480	B	GRAVATA	035W3608 08S1241	B D	5.00	A	97.7	699.89		A		RJ81/87	
081032186	1480	B	GRAVATA	035W3608 08S1241	B N	0.25	A	97.7	156.50	3.2	A		RJ81/87	
090001984	1480	B	GUARANI MISSOES	054W3347 28S0902	C D	1.00	A	97.7	313.00		A		RJ81/87	
090001984	1480	B	GUARANI MISSOES	054W3347 28S0902	C N	0.25	A	97.7	156.50	5.1	A		RJ81/87	
090002141	1480	B	QUIXERA MADALENA	039W1734 05S1157	C D	1.00	A	97.7	313.00		A		RJ81/87	
090002141	1480	B	QUIXERA MADALENA	039W1734 05S1157	C N	0.25	A	97.7	156.50	3.6	A		RJ81/87	
081011001	1480	B	TIRADENTES	044W1100 21S0700	B D	2.50	A	97.7	494.90		A		RJ81/87	
081011001	1480	B	TIRADENTES	044W1100 21S0700	B N	0.25	A	97.7	156.50	4.0	A		RJ81/87	
081011005	1480	B	UNIAO VITORIA	051W0304 26S1214	B D	5.00	A	85.3	686.47		A		RJ81/87	
081011005	1480	B	UNIAO VITORIA	051W0304 26S1214	B N	0.25	A	85.3	153.50	3.9	A		RJ81/87	
081032192	1490	B	BURITI LOPES	041W4000 03S2215	C D	1.00	A	98.3	313.00		A		RJ81/87	
081032192	1490	B	BURITI LOPES	041W4000 03S2215	C N	0.25	A	98.3	156.50	3.0	A		RJ81/87	
081011054	1490	B	TAQUARA	050W4642 29S4026	B D	3.00	A	127.0	569.84		A		RJ81/87	
081011054	1490	B	TAQUARA	050W4642 29S4026	B N	0.25	A	127.0	164.50	4.8	A		RJ81/87	
081011055	1490	B	VARGEM GDE SUL	046W5235 21S5157	C D	0.50	A	85.8	217.79		A		RJ81/87	
081011055	1490	B	VARGEM GDE SUL	046W5235 21S5157	C N	0.25	A	85.8	154.00	3.8	A		RJ81/87	
081011057	1490	B	XAXIM	052W3259 26S5743	B D	2.00	A	93.0	417.19		A		RJ81/87	
081011057	1490	B	XAXIM	052W3259 26S5743	B N	0.25	A	93.0	147.50	4.1	A		RJ81/87	
081030312	1500	B	ARARAS	047W2425 22S2146	B D	2.50	A	99.0	496.48		A		RJ81/87	
081030312	1500	B	ARARAS	047W2425 22S2146	B N	0.25	A	99.0	157.00	3.5	A		RJ81/87	
081011060	1500	B	BATURITE	038W5230 04S2015	B D	2.50	A	99.0	496.48		A		RJ81/87	

081011060	1500	B	BATURITE	038W5230 04S2015	B N	0.25	A	99.0	157.00	3.3	A		RJ81/87	
081011018	1500	B	CANGUCU	052W4240 31S2304	B D	4.00	A	86.4	594.00		A		RJ81/87	
081011018	1500	B	CANGUCU	052W4240 31S2304	B N	1.25	A	86.4	332.06	3.4	A		RJ81/87	
081031459	1500	B	CHAPADA	053W0335 28S0329	B D	3.00	A	99.0	543.86		A		RJ81/87	
081031459	1500	B	CHAPADA	053W0335 28S0329	B N	0.25	A	99.0	157.00	3.7	A		RJ81/87	
081031338	1500	B	MANGUEIRINHA	052W1049 25S5640	B D	2.50	A	99.0	498.06		A		RJ81/87	
081031338	1500	B	MANGUEIRINHA	052W1049 25S5640	B N	0.25	A	99.0	157.50	3.5	A		RJ81/87	
097000838	1500	B	PONTE ALTA	050W2300 27S2900	C D	1.00	A	99.0	313.00		A		RJ81/87	
097000838	1500	B	PONTE ALTA	050W2300 27S2900	C N	0.25	A	99.0	156.50	3.8	A		RJ81/87	
081032120	1500	B	PORTO SEGURO	039W0420 16S2855	B D	5.00	A	99.0	702.13		A		RJ81/87	
081032120	1500	B	PORTO SEGURO	039W0420 16S2855	B N	0.50	A	99.0	222.03	2.9	A		RJ81/87	
081031757	1500	B	RIACHAO DO JACUIPE	039W2300 11S4800	B D	5.00	A	99.0	702.13		A		RJ81/87	
081031757	1500	B	RIACHAO DO JACUIPE	039W2300 11S4800	B N	0.50	A	99.0	222.03	2.6	A		RJ81/87	
090002006	1510	B	PEDRA BRANCA	039W4400 05S2700	C D	0.25	A	99.7	157.00		A		RJ81/87	
090002006	1510	B	PEDRA BRANCA	039W4400 05S2700	C N	0.25	A	99.7	157.00	3.4	A		RJ81/87	
081031121	1510	B	REDENCAO PA	050W1117 07S5438	B D	10.00	A	92.4	983.47		A		RJ81/87	
081031121	1510	B	REDENCAO PA	050W1117 07S5438	B N	3.50	A	92.4	581.83	2.5	A		RJ81/87	
081011116	1510	B	SAO MANOEL	048W3519 22S4409	C D	1.00	A	90.6	313.00		A		RJ81/87	
081011116	1510	B	SAO MANOEL	048W3519 22S4409	C N	0.25	A	90.6	156.50	3.6	A		RJ81/87	
081011121	1520	B	AMAMBAI	055W1500 23S0600	C D	1.00	A	100.3	314.00		A		RJ81/87	
081011121	1520	B	AMAMBAI	055W1500 23S0600	C N	0.25	A	100.3	157.00	3.9	A		RJ81/87	
081011122	1520	B	ANTONINA	048W4111 25S2804	B D	2.50	A	87.5	488.57		A		RJ81/87	
081011122	1520	B	ANTONINA	048W4111 25S2804	B N	0.25	A	87.5	154.50	4.2	A		RJ81/87	
090002039	1520	B	CRISTALANDIA	049W1129 10S3538	C D	1.00	A	100.3	314.00		A		RJ81/87	
090002039	1520	B	CRISTALANDIA	049W1129 10S3538	C N	0.25	A	100.3	157.00	2.4	A		RJ81/87	
081011141	1520	B	ITAUNA	044W3500 20S0400	B D	2.50	A	91.2	490.15		A		RJ81/87	
081011141	1520	B	ITAUNA	044W3500 20S0400	B N	0.25	A	91.2	155.00	3.4	A		RJ81/87	
081011152	1520	B	PALOTINA	053W0500 23S5200	C D	1.00	A	100.3	314.00		A		RJ81/87	

081011152	1520	B	PALOTINA	053W0500 23S5200	C N	0.25	A	100.3	157.00	4.3	A		RJ81/87	
081032200	1520	B	SOLONOPOLE	038W5947 05S4353	C D	1.00	A	100.3	314.00		A		RJ81/87	
081032200	1520	B	SOLONOPOLE	038W5947 05S4353	C N	0.25	A	100.3	157.00	3.4	A		RJ81/87	
095001832	1520	B	TEIXEIRA SOARES	050W2738 25S2206	B D	2.50	A	91.2	490.15		A		RJ81/87	
095001832	1520	B	TEIXEIRA SOARES	050W2738 25S2206	B N	0.25	A	91.2	155.00	4.1	A		RJ81/87	
081030173	1520	B	TIMBO	049W1654 26S4810	B D	2.50	A	87.5	488.57		A		RJ81/87	
081030173	1520	B	TIMBO	049W1654 26S4810	B N	0.25	A	87.5	154.50	4.1	A		RJ81/87	
081032155	1520	B	TOBIAS BARRETO	038W0016 11S1000	B D	10.00	A	100.3	992.96		A		RJ81/87	
081032155	1520	B	TOBIAS BARRETO	038W0016 11S1000	B N	0.50	A	100.3	222.03	3.3	A		RJ81/87	
081011179	1530	B	CABO FRIO	041W5902 22S4859	C D	1.00	A	101.0	315.00		A		RJ81/87	
081011179	1530	B	CABO FRIO	041W5902 22S4859	C N	0.25	A	101.0	157.50	3.4	A		RJ81/87	
081011199	1530	B	MONDAI	053W2444 27S0542	B D	2.50	A	101.0	498.06		A		RJ81/87	
081011199	1530	B	MONDAI	053W2444 27S0542	B N	0.25	A	101.0	157.50	3.5	A		RJ81/87	
081011210	1530	B	SAO JOAQUIM	049W5523 28S1808	B D	2.50	A	88.1	490.15		A		RJ81/87	
081011210	1530	B	SAO JOAQUIM	049W5523 28S1808	B N	0.25	A	88.1	155.00	3.5	A		RJ81/87	
081032125	1530	B	TAPEJARA	051W5909 28S0413	B D	4.00	A	101.0	630.00		A		RJ81/87	
081032125	1530	B	TAPEJARA	051W5909 28S0413	B N	0.25	A	101.0	157.50	3.6	A		RJ81/87	
097000954	1530	B	VERE	052W5423 25S5217	B D	2.50	A	101.0	498.06		A		RJ81/87	
097000954	1530	B	VERE	052W5423 25S5217	B N	0.25	A	101.0	157.50	3.3	A		RJ81/87	
081032157	1530	B	VILHENA 1	060W0700 12S4500	C D	5.00	A	101.0	702.13		A		RJ81/87	
081032157	1530	B	VILHENA 1	060W0700 12S4500	C N	1.00	A	101.0	314.00	3.4	A		RJ81/87	
081011222	1540	B	BOM DESPACHO	045W1500 19S4400	C D	2.50	A	88.7	490.15		A		RJ81/87	
081011222	1540	B	BOM DESPACHO	045W1500 19S4400	C N	0.25	A	88.7	155.00	3.6	A		RJ81/87	
097000861	1540	B	GUARATUBA	048W3411 25S5440	C D	1.00	A	101.6	315.00		A		RJ81/87	
097000861	1540	B	GUARATUBA	048W3411 25S5440	C N	0.25	A	101.6	157.50	3.3	A		RJ81/87	
081011231	1540	B	IVINHEMA	053W4838 22S1732	C D	1.00	A	101.6	315.00		A		RJ81/87	
081011231	1540	B	IVINHEMA	053W4838 22S1732	C N	0.25	A	101.6	157.50	3.4	A		RJ81/87	
081031316	1540	B	PALMAR DO SUL	050W3035 30S1528	C D	1.00	A	129.4	330.00		A		RJ81/87	

081031316	1540	B	PALMAR DO SUL	050W3035	30S1528	C N	0.25	A	129.4	165.00	3.8	A		RJ81/87	
097000863	1540	B	PARANAPUA	050W3600	20S0600	C D	1.00	A	101.6	315.00		A		RJ81/87	
097000863	1540	B	PARANAPUA	050W3600	20S0600	C N	0.25	A	101.6	157.50	3.5	A		RJ81/87	
081011262	1540	B	TRES CORACOES	045W1354	21S4108	B D	2.00	A	88.7	438.41		A		RJ81/87	
081011262	1540	B	TRES CORACOES	045W1354	21S4108	B N	0.25	A	88.7	155.00	3.7	A		RJ81/87	
081031132	1550	B	AREIA	035W4232	06S5644	B D	10.00	A	102.3	996.12		A		RJ81/87	
081031132	1550	B	AREIA	035W4232	06S5644	B N	0.25	A	102.3	157.50	2.6	A		RJ81/87	
093003528	1550	B	BOCAINA	048W3105	22S0810	C D	1.00	A	102.3	310.00		A		RJ81/87	
093003528	1550	B	BOCAINA	048W3105	22S0810	C N	0.25	A	102.3	155.00	4.1	A		RJ81/87	
081011280	1550	B	GUARUJA	046W1709	23S5935	B D	10.00	A	100.4	992.96		A		RJ81/87	
081011280	1550	B	GUARUJA	046W1709	23S5935	B N	1.00	A	100.4	314.00	3.5	A		RJ81/87	
081011482	1550	B	MARMELEIRO	053W0108	26S0840	B D	2.50	A	102.3	498.06		A		RJ81/87	
081011482	1550	B	MARMELEIRO	053W0108	26S0840	B N	0.25	A	102.3	157.50	3.8	A		RJ81/87	
081011300	1550	B	S J DA BARRA	047W5209	20S3448	C D	1.00	A	102.3	308.00		A		RJ81/87	
081011300	1550	B	S J DA BARRA	047W5209	20S3448	C N	0.50	A	102.3	217.79	3.9	A		RJ81/87	
081011303	1550	B	TAMBAU	047W1702	21S4205	C D	1.00	A	96.7	311.00		A		RJ81/87	
081011303	1550	B	TAMBAU	047W1702	21S4205	C N	0.25	A	96.7	155.50	4.2	A		RJ81/87	
081011473	1550	B	TURVO	049W4054	28S5558	B D	5.00	A	102.3	693.18		A		RJ81/87	
081011473	1550	B	TURVO	049W4054	28S5558	B N	0.25	A	102.3	155.00	3.3	A		RJ81/87	
081032165	1550	B	VARGEM GRANDE	044W0600	03S3210	B D	10.00	A	102.3	996.12		A		RJ81/87	
081032165	1550	B	VARGEM GRANDE	044W0600	03S3210	B N	0.50	A	102.3	222.74	2.5	A		RJ81/87	
081031676	1560	B	RIB DO POMBAL	038W3300	10S4900	C D	1.00	A	138.5	316.00		A		RJ81/87	
081031676	1560	B	RIB DO POMBAL	038W3300	10S4900	C N	0.25	A	138.5	158.00	2.8	A		RJ81/87	
081007247	1560	B	S JOSE OURO	051W3504	27S4608	B D	5.00	A	103.0	706.60		A		RJ81/87	
081007247	1560	B	S JOSE OURO	051W3504	27S4608	B N	0.25	A	103.0	158.00	3.9	A		RJ81/87	
081011349	1570	B	A DO TABOADO	051W0843	20S0318	C D	1.00	A	90.4	310.00		A		RJ81/87	
081011349	1570	B	A DO TABOADO	051W0843	20S0318	C N	0.25	A	90.4	155.00	3.7	A		RJ81/87	
081011357	1570	B	CAARAPO	054W4400	22S2000	C D	1.00	A	90.4	309.00		A		RJ81/87	

081011357	1570	B	CAARAPO	054W4400 22S2000	C N	0.25	A	90.4	154.50	3.5	A		RJ81/87	
090001652	1570	B	COROATA	044W0654 04S0840	C D	1.00	A	90.4	310.00		A		RJ81/87	
090001652	1570	B	COROATA	044W0654 04S0840	C N	0.25	A	90.4	155.00	2.9	A		RJ81/87	
081031824	1570	B	ESPIG DO OESTE	061W0105 11S3118	B D	5.00	A	103.6	706.60		A		RJ81/87	
081031824	1570	B	ESPIG DO OESTE	061W0105 11S3118	B N	0.25	A	103.6	158.00	1.7	A		RJ81/87	
081011367	1570	B	GRAVATAI	051W0354 29S5631	B D	5.00	A	103.6	706.60		A		RJ81/87	
081011367	1570	B	GRAVATAI	051W0354 29S5631	B N	0.25	A	103.6	158.00	3.6	A		RJ81/87	
081031331	1570	B	MODELO	053W0349 26S4633	C D	1.00	A	103.6	316.00		A		RJ81/87	
081031331	1570	B	MODELO	053W0349 26S4633	C N	0.25	A	103.6	158.00	3.8	A		RJ81/87	
081011383	1570	B	S R P QUATRO	047W2949 21S4142	C D	1.00	A	90.4	310.00		A		RJ81/87	
081011383	1570	B	S R P QUATRO	047W2949 21S4142	C N	0.25	A	90.4	155.00	3.7	A		RJ81/87	
081031679	1570	B	SAO MARTINHO	053W5800 27S4100	C D	0.25	A	103.6	158.00		A		RJ81/87	
081031679	1570	B	SAO MARTINHO	053W5800 27S4100	C N	0.25	A	103.6	158.00	3.8	A		RJ81/87	
081007386	1580	B	ENCANTADO	051W5255 29S1421	B D	9.00	A	91.0	930.00		A		RJ81/87	
081007386	1580	B	ENCANTADO	051W5255 29S1421	B N	0.25	A	91.0	155.00	4.0	A		RJ81/87	
081011420	1580	B	IPORA	053W3800 23S5900	C D	0.25	A	104.3	158.00		A		RJ81/87	
081011420	1580	B	IPORA	053W3800 23S5900	C N	0.25	A	104.3	158.00	3.3	A		RJ81/87	
081030315	1580	B	ITAPECERICA	045W0700 20S2800	C D	1.00	A	104.3	315.00		A		RJ81/87	
081030315	1580	B	ITAPECERICA	045W0700 20S2800	C N	0.25	A	104.3	157.50	3.5	A		RJ81/87	
090001990	1580	B	IVINHEMA	053W5000 22S1900	C D	1.00	A	104.3	316.00		A		RJ81/87	
090001990	1580	B	IVINHEMA	053W5000 22S1900	C N	0.25	A	104.3	158.00	3.1	A		RJ81/87	
081032172	1580	B	RESENDE 1	044W2934 22S2809	B D	5.00	A	104.3	706.60		A		RJ81/87	
081032172	1580	B	RESENDE 1	044W2934 22S2809	B N	0.50	A	104.3	223.45	3.6	A		RJ81/87	
081032138	1580	B	SAO JOAO	052W4303 25S4911	B D	2.50	A	104.3	499.64		A		RJ81/87	
081032138	1580	B	SAO JOAO	052W4303 25S4911	B N	0.25	A	104.3	158.00	3.2	A		RJ81/87	
081011461	1590	B	ITUPORANGA	038W0813 07S1835	C D	1.00	A	104.9	317.00		A		RJ81/87	
081011461	1590	B	ITUPORANGA	038W0813 07S1835	C N	0.25	A	104.9	158.50	2.6	A		RJ81/87	
081032171	1590	B	JOINVILLE	048W4637 26S1633	B D	10.00	A	104.9	996.12		A		RJ81/87	

081032171	1590	B	JOINVILLE	048W4637	26S1633	B N	0.50	A	104.9	222.74	3.2	A		RJ81/87	
081011425	1600	B	MURITIBA	038W5907	12S3727	B D	10.00	A	92.2	980.31		A		RJ81/87	
081011425	1600	B	MURITIBA	038W5907	12S3727	B N	1.00	A	92.2	310.00	3.7	A		RJ81/87	
090001977	1600	B	SERAO	052W1500	27S5900	C D	1.00	A	90.2	300.00		A		RJ81/87	
090001977	1600	B	SERAO	052W1500	27S5900	C N	0.35	A	90.2	177.48	8.7	A		RJ81/87	

