# Public $\mathfrak{B e r v i c e}$ Commission 

-M-E-M-O-R-A-N-D-U-M-

## DATE: May 31, 2000

TO: Kelly Biegalski, Division of Competitive Services
FROM: David J. Draper, Division of Economic Regulation

$\int 5$
RE: Docket No. 000019-TI, Sprint Communications Company, Limited Partnership $\mathrm{d} / \mathrm{b} / \mathrm{a}$ Sprint, Interest Calculation for Refund of Overcharges

As you requested, staff has re-calculated the interest on the overcharges due to Sprint's customers. The total refund amount of $\$ 40,279.65$ consists of $\$ 37,366.85$ in overcharges and $\$ 2,912.80$ in interest. This calculation assumes that the overcharges where incurred evenly from February 1, 1999 to September 19, 1999 and that they will be refunded evenly from August 1, 2000 to September 30, 2000. The appropriate interest rate is the average 30 -day commercial paper rate for each month. The last available monthly interest rate of $6.13 \%$ is used for the future months past April 2000. Attached is a schedule which shows the calculations.

cc: Division of Legal Services<br>Division of Records and Reporting (2) File

## CALCULATION OF INTEREST ON REFUND

DOCKET No. : 000019-TI
COMPANY NAME: SPRINT
COMMUNICATIONS CO. LIMITED PARTNERSHIP d/b/a SPRINT

Interest Calculations of Refund

|  | average MONTHLY INTEREST | MONTHLY <br> INTEREST | FIRST SET OF MONTHLY | MONTHLY <br> OVERCHG | MONTHLY OVERCHARGE PRINCIPAL | BALANCE BROUGHT FORWARD plus | REFUND | MONTHLY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FEB. 99 | 4.83\% | 0.40\% | \$4,670.86 | \$18.80 | \$4,689.66 | \$0.00 | \$4,689.66 |  |
| MAR. | 4.87\% | 0.41\% | \$4,670.86 | \$18.94 | \$4,689.79 | \$4,708.67 | \$9,398.46 |  |
| APR. | 4.84\% | 0.40\% | \$4,670.86 | \$18.84 | \$4,689.70 | \$9,436.37 | \$14,126.06 |  |
| MAY | 4.83\% | 0.40\% | \$4,670.86 | \$18.78 | \$4,689.64 | \$14,182.86 | \$18,872.50 |  |
| JUN. | 4.95\% | 0.41\% | \$4,670.86 | \$19.27 | \$4,690.12 | \$18,950.35 | \$23,640.47 |  |
| JUL. | 5.08\% | 0.42\% | \$4,670.86 | \$19.75 | \$4,690.61 | \$23,740.45 | \$28,431.06 |  |
| AUG. | 5.21\% | 0.43\% | \$4,670.86 | \$20.28 | \$4,691.14 | \$28,554.50 | \$33,245.64 |  |
| SEP. | 5.31\% | 0.44\% | \$4,670.86 | \$20.67 | \$4,691.52 | \$33,392.75 | \$38,084.27 |  |
| OCT. | 5.30\% | 0.44\% |  | \$0.00 | \$0.00 | \$38,252.48 | \$38,252.48 |  |
| NOV. | 5.43\% | 0.45\% |  | \$0.00 | \$0.00 | \$38,425.41 | \$38,425.41 |  |
| DEC. | 5.58\% | 0.46\% |  | \$0.00 | \$0.00 | \$38,603.93 | \$38,603.93 |  |
| JAN. 00 | 5.70\% | 0.48\% |  | \$0.00 | \$0.00 | \$38,787.30 | \$38,787.30 |  |
| FEB. | 5.80\% | 0.48\% |  | \$0.00 | \$0.00 | \$38,974.77 | \$38,974.77 |  |
| MAR. | 5.94\% | 0.49\% |  | \$0.00 | \$0.00 | \$39,167.53 | \$39,167.53 |  |
| APR. | 6.13\% | 0.51\% |  | \$0.00 | \$0.00 | \$39,367.45 | \$39,367.45 |  |
| MAY | 6.13\% | 0.51\% |  | \$0.00 | \$0.00 | \$39,568.39 | \$39,568.39 |  |
| JUN. | 6.13\% | 0.51\% |  | \$0.00 | \$0.00 | \$39,770.35 | \$39,770.35 |  |
| JUL. | 6.13\% | 0.51\% |  | \$0.00 | \$0.00 | \$39,973.35 | \$39,973.35 |  |
| AUG. | 6.13\% | 0.51\% |  | \$0.00 | \$0.00 | \$40,177.38 | \$20,037.55 | 20,139.83 |
| SEP. | 6.13\% | 0.51\% |  | \$0.00 | \$0.00 | \$20,139.83 | \$0.00 | 20,139.83 |
|  | TOTAL OV | ARGES | 37,366.85 |  |  |  |  | 40,279.65 |
|  |  |  |  |  |  | TOTAL INTEREST TOTAL OVERCHARGE |  | $\begin{array}{r} \$ 2,912.80 \\ \$ 37,366.85 \\ \hline \end{array}$ |
|  |  |  |  |  |  | TOTAL REFUND |  | \$40,279.65 |

