

**PUBLIC UTILITY COMMISSION OF OREGON  
STAFF REPORT  
PUBLIC MEETING DATE: August 20, 2002**

**REGULAR**  **CONSENT**  **EFFECTIVE DATE** August 21, 2002

**DATE:** August 13, 2002

**TO:** John Savage through Phil Nyegaard and Lance Ball

**FROM:** David Sloan

**SUBJECT:** SPRINT/UNITED TELEPHONE CO OF THE NORTHWEST: (Advice No. 557) Introduces new optional features for ISDN-PRI.

**STAFF RECOMMENDATION:**

Staff recommends that the tariff sheets filed be allowed to go into effect.

**DISCUSSION:**

Sprint/United Telephone Co of the Northwest (the Company) filed Advice No. 557 on July 17, 2002 introducing in its tariff, PUC OR. No. 3, four new features for its Integrated Services Digital Network (ISDN) – Primary Rate Interface (PRI) service. The effective date of the filing is August 21, 2002.

The base service, ISDN – PRI, is a DS1 access link to the telecommunications network and provides integration of multiple voice and data transmission channels on the same line. The service provides switched communications paths giving end users access to a variety of circuit switched services and features including data, voice and video which conforms to internationally developed, published, and recognized standards generated by the International Telecommunications Union (ITU).

Advice No. 557 introduces four new ISDN – PRI features:

- **2 B-Channel Transfer** – If a call terminates at a given customer location, but is then forwarded to another location, two trunks between the Central Office and the original device are typically employed for the duration of the forwarded call. 2 B-Channel Transfer allows the central office switch to establish the call directly to the final destination and release the trunks going in and out of the forwarding device. This saves the customer PRI facilities and provides for more efficient use

of the network. 2 B-Channel Transfer will be offered at a monthly rate of \$75.00 and a non-recurring charge of \$100.00.

- **Circular Hunt** – This ISDN - PRI feature provides a more efficient hunting sequence than standard ISDN-PRI. With Circular Hunt, an incoming call is completed to the next available bearer trunk in sequence from the last trunk selected. Circular Hunt can support up to 220 Primary Rate Interfaces in a single hunting configuration as opposed to the standard ISDN - PRI limit of 50. Circular Hunt will be offered at a monthly rate of \$25.00 and a non-recurring charge of \$100.00.
- **E911 Call Screening** – This ISDN - PRI feature provides for the transmission of Private Branch Exchange or Key System station information to local emergency services authorities on an ISDN – PRI facility. This provides for the possible identification of the specific location on a customer's premises where an E911 call originated. E911 Call Screening will be offered at a monthly rate of \$125.00 and a non-recurring charge of \$150.00.
- **National ISDN-2 Protocol** - This introduces a more advanced protocol than the standard ISDN – PRI protocol to govern interactions between the customer's equipment and telephone network. National ISDN-2 Protocol will be offered at no charge. Most customer provided equipment is capable of using the new ISDN – PRI protocol.

I have reviewed the cost and revenue analysis provided by the Company. Prices proposed in the filing exceed the Company's cost of providing the respective service. The projected annual revenue impact of the filings is an increase of \$5,336.

The filing is in compliance with ORS 759.190, which requires the Company to give a 30-day notice to the Public Utilities Commission for any change made to its tariff schedules. For this filing that date was July 20, 2002. The filing is not contrary to the public interest.

#### **PROPOSED COMMISSION MOTION:**

The tariff sheets filed with Sprint/United Telephone Co of the Northwest's Advice No. 557 be allowed to go into effect for service rendered on or after August 21, 2002.