

TSRB

For Reference

Not to be taken from this room

Telecom Dictionary

REF
384.03
T2357

Published By:
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First Printing

Printed and Bound by Lightning Source Printing, La Vergne, TN USA

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International Standard Book Number: 1-932813-16-0

or more other wavelengths in an optoelectronics transmission system.

Non-Obvious-According to 35 USC 103 a) a patent may not be obtained if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person of ordinary skill in the art.

Non-Obvious is analogous to Inventive Step.

Non-Payment Churn-The most common form of involuntary churn. Non-payment churn occurs when a customer fails to pay their bills and the telco terminates their service.

Nonprofit-Any corporation, foundation, or association that is not operated to benefit any private shareholder or individual.

Non-Real Time Polling Service (NRTPS)-Non-real time polling service is the random, unscheduled sending and receiving of packets through the use of polling messages and possibly contention based access control. While the system can send polling messages, the subscriber station may be also allowed to randomly compete for access when it wants to obtain bandwidth.

Non-Recurring Charge (NRC)-A cost for a facility or product that only occurs one time or is not periodically charged.

Non-Recurring Engineering Costs (NRE)-Costs associated with a product or service that are associated with the development of the product and not associated with the marketing or support of the product sales.

Non-Round Core-A non-round core is a core of an optical fiber that is not round. A non-round core may be caused by the cleaving (fiber cutting) process.

Nonselectable Transponder-A transponder who's coded response is displayed on any conventional radar operating in the appropriate band.

Nontransparent Access-Nontransparent access is the connection of a user to communication system (such as the Internet) that requires assistance and/or validation by a system operator.

Non-Uniform Quantization-Non-uniform quantization is the process of converting (quantizing) a level or signal into numbers or codes where the difference between each quantization number or code has a varying value. An example of non-uniform coding is u-Law or A-Law audio coding where larger signals are represented by a smaller sample code word than are smaller signals.

Nonvolatile-A memory device or system who's stored data is unaffected by the removal of operating power.

Nonvolatile Memory-A form of computer memory that will store information for an indefinite period of time with no power applied. If the storage area cannot be rewritten with new information, the nonvolatile memory can also be called read only memory (ROM).

Non-Wireline-Term used to describe the A side cellular carrier. Non wireline refers to the fact that the carrier did not have in place "wired" or landline service originally.

Non-Wireline Carriers-Cellular service providers that are not engaged in the business of providing landline telephone service within the CGSA they are operating in. Non-wireline carriers also are known as A carriers.

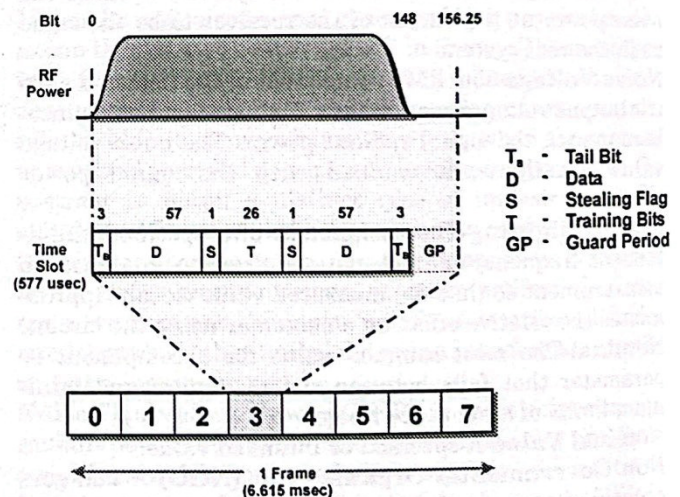
NOR Gate-A logic device that only gives a logic one (1) output if all inputs are zero (0). It is equivalent to an OR gate followed by a NOT gate.

Nordic Mobile Telephone (NMT)-A mobile cellular telephone system that was introduced to Europe in 1981. The NMT system has been deployed on two frequency bands; 450 MHz and 900 MHz. These systems use FM (analog) radio modulation and many of these systems are converting to the GSM (digital) system.

Normal-A line perpendicular to another line or to a surface.

Normal Burst (NB)-(1-GSM system) A 577 bit burst period that is primarily used to transfer data between the base station and the mobile station GSM systems. Each normal burst can transfer 114 bits of user information (less after error protection is removed).

This figure shows the field structure and RF power structure of the normal burst used in the GSM system. This example shows that a normal burst is 577 usec long and it contains 156.25 bit periods. The information field included in the normal burst include initial tail bits (TB), data bits (D), stealing flags (S), a training sequence (T), and final tail bits (TB). A guard period (GP) is included at the end of the normal burst time period to help ensure that transmitted bursts from one mobile device does not overlap with transmitted bursts from another mobile device. The RF power structure of the transmitted burst includes a ramp up and ramp down time to reduce unwanted radio emissions that occur from rapidly changing signals.



GSM Normal Burst Structure

Normal Business Hours-Those hours during which most similar businesses in the community are open to