

VerSy WS2011/12- Abkürzungsliste

Manuel Hoffmann

25. März 2012

- *ABS* Antiblockiersystem
- *ADPCM* Adaptive Pulse Code Modulation
- *AIFS* Arbitration InterFrame Space
- *AODV* Ad-hoc On-demand Distance Vector
- *ASN* Absolute Slot Number (WirelessHART)
- *ASN.1* Abstract Syntax Notation One
- *ASR* Antriebsschlupfregelung
- *BAS* Bremsassistent
- *BBS* Black Burst Synchronization
- *BC* Backoff Counter
- *BE* Backoff Exponent (ZigBee)
- *BI* Beacon Interval (ZigBee)
- *BO* Beacon Order (ZigBee)
- *BSS* Byte Start Sequence
- *CAN* Controller-Area-Network
- *CAN-A* CAN in automation
- *CAP* Contention Access Period (ZigBee)
- *CAS* Collision Avoidance Symbol (FlexRay)
- *CCA* Clear Channel Assessment
- *CD* Collision Detection
- *CDMA* Code division multiple access

- *CFP* Contention Free Period (ZigBee)
- *CIFS* Contention-based interframe space (MacZ)
- *CP* Contention Period
- *CRC* Cyclic redundancy check
- *CSMA* Carrier sense multiple access
- *CSMA/CA* Carrier sense multiple access with collision avoidance
- *CSMA/CD* Carrier sense multiple access with collision detection
- *CTS* Clear to send
- *CW* Contention Window
- *CW* Contention Window Length (ZigBee)
- *DS* Intercell Distribution System
- *DCF* Distributed Coordination Function
- *DCF77* Deutschland-Langwelle-Frankfurt-77,5
- *DIFS* DCF Interframe Spacing
- *DLDPU* Data Link Data Priority Unifier (WirelessHART)
- *DSDV* Destination-Sequenced Distance Vector
- *DSSS* Direct Sequence Spread Spectrum
- *ECU* Eleectronic Control Unit
- *EDCF* Enhanced DCF
- *EDF* Earliest Deadline First
- *EIFS* Extended InterFrame Space
- *EOF* End of Frame (CAN)
- *ESP* Elektronisches Stabilitätsprogramm
- *FCFS* First Come First Serve
- *FDMA* Frequency Division Multiple Access
- *FFD* Full Function Device (ZigBee)
- *FHSS* Frequency Hopping Spread Spectrum
- *FIFO* First In First Out

- *FSS* Frame Start Sequence
- *FTDMA* Flexible TDMA
- *GPS* Global Positioning System
- *GTS* Guaranteed Time Slots (ZigBee)
- *HART* Highway addressable remote transducer
- *HCF* Hybrid Coordination Function
- *HDTV* High Definition Television
- *HR-DSSS* High Rate DSSS
- *IBS* Inter-Byte Space (LIN)
- *ICMP* Internet Control Message Protocol
- *IDE* Identifier Extension (CAN)
- *IEEE* Institute of Electrical and Electronics Engineers
- *IETF* Internet Engineering Task Force
- *IFS* Inter-Frame Space (LIN)
- *IS* Interframe Spacing (CAN)
- *ISM* Industrial Scientific Medicine
- *LDF* LIN Description File
- *LIN* Local Interconnect Network
- *LR-WPAN* Low rate WPAN
- *MAC* Medium Access Control
- *MACA* Multiple Access with Collision Avoidance
- *MACAW* MACA for Wireless
- *MANet* Mobile Ad Hoc Networking
- *MF* More Fragments
- *MIC* Message Integrity Code (WirelessHART)
- *MOST* Media Oriented Systems Transport
- *MRF* Master-Request-Frame (LIN)
- *NAV* Network Allocation Vector

- *NB* Number of Backoffs (ZigBee)
- *NIT* Network Idle Time (FlexRay)
- *NRZ* No-Return-to-Zero
- *NRZ-L* No-Return-to-Zero - Level
- *NTP* Network Time Protocol
- *OFDM* Orthogonal Frequency Division Multiplexing
- *PAN* Personal Area Network
- *PC* Point Coordinator
- *PCF* Point coordinator function
- *PIFS* PCF InterFrame Space
- *PCM* Pulse code modulation
- *PF* Persistenzfaktor
- *QoS* Quality of Service
- *RBS* Reference Broadcast Synchronization
- *RREP* Route Reply (AODV)
- *RREQ* Route Request (AODV)
- *RERR* Route Error (AODV)
- *RFD* Reduced Function Device (ZigBee)
- *RM* Rate-Monotonic, wie in „RM-Scheduling“
- *RSVP* ReSerVation Protocol
- *RTR* Remote Transmission Request (CAN)
- *RTS* Request to send
- *SDMA* Space division multiple access
- *SIFS* Short InterFrame Space
- *SD* Superframe Duration (ZigBee)
- *SO* Superframe Order (ZigBee)
- *SOF* Start of Frame (CAN)
- *SOTF* Start of Tick Frame (BBS)

- *SRF* Slave-Response-Frame (LIN)
- *SRR* Substitute Remote Request (CAN)
- *TBP* Ticket-Based Probing
- *TBTT* Target Beacon Transmission Time
- *TC* Traffic Categories
- *TDMA* Time division multiple access
- *TES* Transmission End Sequence
- *TOS* Type of Service
- *TSP* Time Sync Protocol
- *TSPN* Timing-Sync Protocol for Senesor Networks
- *TSS* Transmission Start Sequence
- *TTCAN* Time triggered CAN
- *UART* Universal Asynchronous Receiver Transmitter
- *UDP* User Datagram Protocol
- *UTC* Universal Time - Coordinated
- *WLAN* Wireless Local Area Network
- *WPAN* Wireless Personal Area Network
- *WSN* Wireless Sensor Network