Changelog

Telos rev. B application

# telosb app(peter)

Expanding of the telosb app of the theme weeks, using length of packets to recognize different messages

# Collmsg

Expanding of the app of the theme weeks of ICT namely the format of the different messages to see that the parser works correctly

# telosb app(tim)

Adapting the app of peter, adapting to use different interfaces/components to handle the different messages within the WSN. Making use of 1 collection interface.

# telosb app (tim)v2

using multiple collection receive but only 1 Collection component

# telosb app (tim)v3

using a collection component for each different message in the network. The app can handle every message and send it without any problem to the controller

# telosb app (tim)vDiss

application that can handle dissemination together with all the messages in the network

# telosb app (tim)vDiss2

Improved dissemination without powerset & frequency set

# telosb app VAN v2

Implemented a linked list for virtual anchors and multihop

# telosb app VAN v2 – hopcount

Added functionality to transmit hopcount

# telosb app VAN v2 – status

Improved the transmission of the status message when a command is sent with the dissemination protocol.

# telosb app VAN v2 - status – anchortimer

Implemented calibration and a separate timer for the anchor nodes to broadcast to eachother

# telosb app VAN v2 - status - anchortimer – delete

Implemented the functionality to remove off-line anchor nodes from the linked list of a blind node

# telosb app VAN v4

Final application for the telosb node with functionality to change the frequency channel of a node.

Supports multihop

Separate AMsend interface for the anchor nodes to transmit to each other, so the broadcastsend isn’t used anymore by the anchor nodes to broadcast to each other. This gives a better performance.