TOBI Interface A: Client – Server Handshake:

TiA Server

TiA Client

TiA

incomming TCP connection

outgoing TCP connection

load config
(future plans: or wait
for remote config)

① ②

startup;
(future plans: if given
– load config file)

③ send xml-file to server

set remote config response: OK/error ④

⑤ request meta information from server

send meta information ⑥

⑦ select channels, signal types, sampling rate

client specific selection response: OK/error ⑧

⑨ use TCP or UDP transmission

transmit server port ⑩

⑪ TCP: connect to assigned server port
UDP: listen to assigned port

⑫ start transmission

RAW data stream ⑬

⑭ keep alive packets

keep alive response

⑮ stop data transmission

close connection
to specific client

⑯ ⑰

close connection
to signal server