```
module: ietf-dots-signal-channel
  +--rwstructure ietf-dots-signal-channel:
   +-- dots-signal
      +--rw
      +-- (message-type)?
         +--:(mitigation-scope)
         |  +--rw  +-- scope* [cuid mid]
         |         +--rw cdid?                    string
         |         +--rw cuid                     string
         |         +--rw mid                      uint32
         |         +--rw     +-- target-prefix*              inet:ip-prefix
         |         +--rw     +-- target-port-range* [lower-port]
         |         |  +--rw  +-- lower-port    inet:port-number
         |         |  +--rw  +-- upper-port?   inet:port-number
         |         +--rw     +-- target-protocol*            uint8
         |         +--rw     +-- target-fqdn*                inet:domain-name
         |         +--rw     +-- target-uri*                 inet:uri
         |         +--rw     +-- alias-name*                 string
         |         +--rw     +-- lifetime?                   int32
         |         +--rw     +-- trigger-mitigation?         boolean
         |         +--ro     +-- (direction)?
         |            +--:(client-to-server)
         |            |  +-- mid?                  uint32
         |            +--:(server-to-client)
         |               +-- mitigation-start?      uint64
         |         +--ro          +-- status?                 iana-signal:status
         |         +--ro          +-- conflict-information
         |              |  +--ro +-- conflict-status?   iana-signal:conflict-status
         |              |  +--ro +-- conflict-cause?    iana-signal:conflict-cause
         |              |  +--ro +-- retry-timer?       uint32
         |              |  +--ro +-- conflict-scope
         |              |         +--ro  +-- target-prefix*       inet:ip-prefix
         |              |         +--ro  +-- target-port-range* [lower-port]
         |              |         |  +--ro +-- lower-port    inet:port-number
         |              |         |  +--ro +-- upper-port?   inet:port-number
         |              |         +--ro  +-- target-protocol*    uint8
         |              |         +--ro  +-- target-fqdn*        inet:domain-name
         |              |         +--ro  +-- target-uri*         inet:uri
         |              |         +--ro  +-- alias-name*         string
         |              |         +--ro  +-- acl-list* [acl-name]
         |              |         |  +--ro +-- acl-name    -> /ietf-data:dots-data/dots-client/acls/acl/name
         |              |         |  +--ro +-- acl-type?   -> /ietf-data:dots-data/dots-client/acls/acl/type
         |              |         +--ro     +-- mid?                -> ../../../mid        uint32
         |         +--ro          +-- bytes-dropped?         yang:zero-based-counter64
         |         +--ro          +-- bps-dropped?           yang:gauge64
         |         +--ro          +-- pkts-dropped?          yang:zero-based-counter64
         |         +--ro          +-- pps-dropped?           yang:gauge64
         |         +--rw          +-- attack-status?         iana-signal:attack-status
         +--:(signal-config)
         |  +--rw  +-- sid                       uint32
         |  +--rw  +-- mitigating-config
         |  |  +--rw  +-- heartbeat-interval
         |  |  |  +--ro  +-- (direction)?
         |  |  |  |  +--:(server-to-client)
         |  |  |  |     +-- max-value?   uint16
         |  |  |  +--ro  |     +-- min-value?   uint16
         |  |  |  +--rw  +-- current-value?     uint16
         |  |  +--rw  +-- missing-hb-allowed
         |  |  |  +--ro  +-- (direction)?
         |  |  |  |  +--:(server-to-client)
         |  |  |  |     +-- max-value?   uint16
         |  |  |  +--ro  |     +-- min-value?   uint16
         |  |  |  +--rw  +-- current-value?     uint16
         |  |  +--rw  +-- probing-rate
         |  |  |  +--ro  +-- (direction)?
         |  |  |  |  +--:(server-to-client)
         |  |  |  |     +-- max-value?   uint16
         |  |  |  +--ro  |     +-- min-value?   uint16
         |  |  |  +--rw  +-- current-value?     uint16
         |  |  +--rw  +-- max-retransmit
         |  |  |  +--ro  +-- (direction)?
         |  |  |  |  +--:(server-to-client)
```

```
|  |  |  |       +-- max-value?   uint16
|  |  |  +--ro |       +-- min-value?   uint16
|  |  |  +--rw +-- current-value?       uint16
|  |  +--rw +-- ack-timeout
|  |  |  +--ro +-- (direction)?
|  |  |  |  +--:(server-to-client)
|  |  |  |       +-- max-value-decimal?   decimal64
|  |  |  +--ro |       +-- min-value-decimal?   decimal64
|  |  |  +--rw +-- current-value-decimal?       decimal64
|  |  +--rw +-- ack-random-factor
|  |     +--ro       +-- (direction)?
|  |  |  |  +--:(server-to-client)
|  |  |  |       +-- max-value-decimal?   decimal64
|  |     +--ro       |       +-- min-value-decimal?       decimal64
|  |     +--rw       +-- current-value-decimal?       decimal64
|  +--rw +-- idle-config
|     +--rw    +-- heartbeat-interval
|     |  +--ro +-- (direction)?
|     |  |  +--:(server-to-client)
|     |  |       +-- max-value?   uint16
|     |  +--ro |       +-- min-value?   uint16
|     |  +--rw +-- current-value?       uint16
|     +--rw    +-- missing-hb-allowed
|     |  +--ro +-- (direction)?
|     |  |  +--:(server-to-client)
|     |  |       +-- max-value?   uint16
|     |  +--ro |       +-- min-value?   uint16
|     |  +--rw +-- current-value?       uint16
|     +--rw    +-- probing-rate
|     |  +--ro +-- (direction)?
|     |  |  +--:(server-to-client)
|     |  |       +-- max-value?   uint16
|     |  +--ro |       +-- min-value?   uint16
|     |  +--rw +-- current-value?       uint16
|     +--rw    +-- max-retransmit
|     |  +--ro +-- (direction)?
|     |  |  +--:(server-to-client)
|     |  |       +-- max-value?   uint16
|     |  +--ro |       +-- min-value?   uint16
|     |  +--rw +-- current-value?       uint16
|     +--rw    +-- ack-timeout
|     |  +--ro +-- (direction)?
|     |  |  +--:(server-to-client)
|     |  |       +-- max-value-decimal?   decimal64
|     |  +--ro |       +-- min-value-decimal?   decimal64
|     |  +--rw +-- current-value-decimal?   decimal64
|     +--rw    +-- ack-random-factor
|        +--ro       +-- (direction)?
|        |  +--:(server-to-client)
|        |       +-- max-value-decimal?   decimal64
|        +--ro       |       +-- min-value-decimal?   decimal64
|        +--rw       +-- current-value-decimal?       decimal64
+--:(redirected-signal)
|  +--ro +-- (direction)?
|     +--:(server-to-client)
|        +-- alt-server          string
|  +--ro       +-- alt-server-record*   inet:ip-address
+--:(heartbeat)
   +--rw
   +-- peer-hb-status          boolean
```