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| **sCtl7** | **Check conditions** | Passed  Failed  Inconclusive |
| IEC 61850-7-2 Subclause 20.5.2.5  IEC 61850-8-1 Subclause 20  PIXIT: Ct8 | | |
| Expected result   1. DUT returns 2. DOns: Operate response- with optional AddCause = “Blocked-by-interlocking” 3. SBOns: Select response+ and Operate response- with optional AddCause = “Blocked-by-interlocking” 4. DOes: Operate response- with AddCause = “Blocked-by-interlocking” 5. SBOes: SelectWithValue response- with AddCause = “Blocked-by-interlocking” OR   SelectWithValue response+ and Operate response- with AddCause = “Blocked-by-interlocking”   1. DUT returns:   a) DOns: Operate response- with optional AddCause = “Not-supported” or “Inconsistent-parameters” or “Blocked-by-interlocking”  b) SBOns: Select response+ and Operate response- with optional AddCause = “Not-supported” or “Inconsistent-parameters” or “Blocked-by-interlocking”  c) DOes: Operate response- with AddCause = “Not-supported” or “Inconsistent-parameters” or “Blocked-by-interlocking”  d) SBOes: SelectWithValue response- with AddCause = “Not-supported” or “Inconsistent-parameters” or “Blocked-by-interlocking” OR SelectWithValue response+ and Operate response- with AddCause = “Not-supported” or “Inconsistent-parameters” or “Blocked by interlocking”   1. DUT returns Select/SelectWithValue/Operate response+ 2. DUT returns Select/SelectWithValue/Operate response+ | | |
| Test description   1. Test engineer forces CILO.EnaOpn/EnaCls = FALSE   a) DOns: Client sends correct Operate request with Check Interlock set  b) SBOns: Client sends correct Select and Operate request with Check Interlock set  c) DOes: Client sends correct Operate request with Check Interlock set  d) SBOes: Client sends correct SelectWithValue and on response+ Operate with Check Interlock set   1. If Ct8 indicates DUT can refuse the bypass, configure the DUT for refuse bypass (if necessary)   Test engineer forces CILO.EnaOpn/EnaCls = FALSE   a) DOns: Client sends correct Operate request with Check Interlock not set  b) SBOns: Client sends correct Select and Operate request with Check Interlock not set  c) DOes: Client sends correct Operate request with Check Interlock not set  d) SBOes: Client sends correct SelectWithValue and Operate with Check Interlock not set   1. If Ct8 indicates DUT can accept the bypass, configure the DUT for accept bypass (if necessary)  Test engineer forces CILO.EnaOpn/EnaCls = FALSE   a) DOns: Client sends correct Operate request with Check Interlock not set  b) SBOns: Client sends correct Select and Operate request with Check Interlock not set  c) DOes: Client sends correct Operate request with Check Interlock not set  d) SBOes: Client sends correct SelectWithValue and Operate with Check Interlock not set   1. Test engineer forces CILO.EnaOpn/EnaCls = TRUE   a) DOns: Client sends correct Operate request with Check Interlock set  b) SBOns: Client sends correct Select and Operate request with Check Interlock set  c) DOes: Client sends correct Operate request with Check Interlock set  d) SBOes: Client sends correct SelectWithValue and Operate with Check Interlock set | | |
| Comment | | |

| **ID** | **Ed** | **Description** | **Value / Clarification** |
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| Ct8 | 1,2 | What is the behaviour of the DUT when the check conditions are not set  This behaviour is: | DUT ignores the check value and always perform the check (allowed for Ed1 only)  or  DUT refuses to bypass the check with “Not-supported” or “Inconsistent-parameters” or “Blocked-by-interlocking” (All Ed)  or  DUT bypasses the interlocking check (All Ed)  Fixed / Configurable / Dynamic |

Above is for Ed2.0 server. Ed2.1 server is same except “Not-supported” is removed throughout step 2 expected response.