Example

Suppose bhabha showers (high showers) hit the shaded regions. What are the inputs to the barrel TPRO boards?

Shower:

Hits crystals sent to mixer-shaper crate 14, card 17.
This signal is sent to motherboard 14, daughterboard 17.
This daughterboard's output is a high shower: high bit on and low bit off. MB 14 sends its outputs to TPRO 3, QPR pair (8,7). Since it's a high shower, only QPR 8 receives a signal.
Daughterboard 17 sends its output to bit 16.
In hex, the input for TPRO 3, QPR 8 will be 0x010000

Shower:

Hits crystals sent to mixer-shaper crate 2, card 17.
This signal is sent to motherboard 2, daughterboard 14.
This daughterboard's output is a high shower: high bit on and low bit off. MB 2 sends its outputs to TPRO 1, QPR pair (6,5). Since it's a high shower, only QPR 6 receives a signal.
Daughterboard 14 sends its output to bit 13.
In hex, the input for TPRO 1, QPR 6 will be 0x002000