



Product Information Sheet

Recording & Monitoring of SSI Data Links

Type: REMOS *dl*

REMOSdl – Recording & Monitoring of SSI Data Links

Diagnostic smart tool for SSI DL problems & DL restoration.

SSI Data Links are notoriously difficult to fault find, particularly when there are multiple faults present e.g. following a lightning strike.

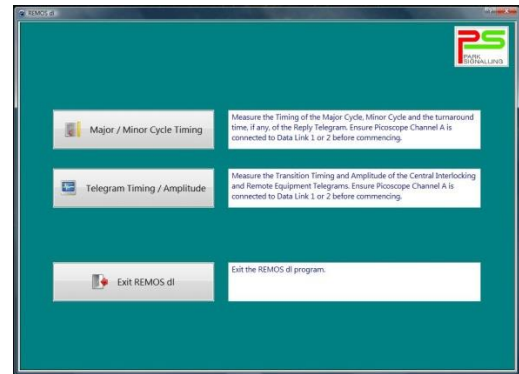
The current NR maintenance regime requires that SSI Data Links are tested on a regular basis, which is expensive and time consuming.

REMOSdl is a tool to monitor the baseband links continuously and eliminate the need to carry out regular checking. Also provides faulting assistance when data link problems occur, e.g. following a lightning strike, allowing faster restoration of the link.

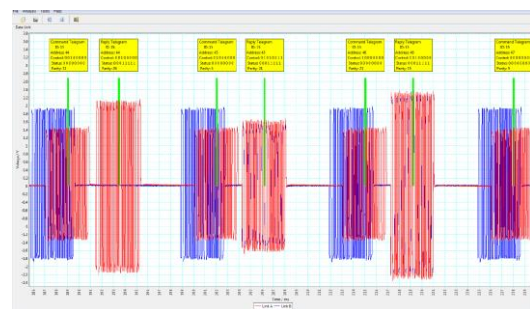
REMOSdl is a standalone system that could be easily added retrospectively to a data link. It eavesdrops on the data link in order to monitor and report on performance changes.

It supplements the capability of existing SSI based asset watch systems to detect and identify faulty data link components, including data link modules, isolating transformers, surge protection units and cable faults and incorrect termination.

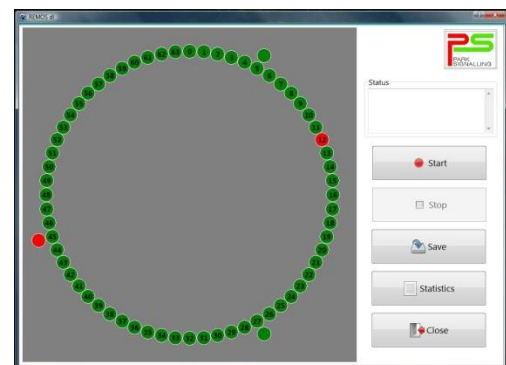
It can also diagnose certain telecoms faults such as changes in delay as a result of changes to path length in diverse routing.



Intro Screen



Telegram Timing



Telegram Timing & Amplitude

Major Cycles							
Avg	Max	Min	Reply	Average	Minimum	Maximum	
552.7 ms	533.2 ms	511.5 ms					
Minor Cycles							
Cycle	Average	Minimum	Maximum	Reply	Average	Minimum	Maximum
0-1	13.2 ms	9.7 ms	20.4 ms	1	5.6 ms	4.7 ms	8.4 ms
1-2	13.2 ms	9.7 ms	20.4 ms	2	5.6 ms	4.7 ms	8.4 ms
2-3	13.2 ms	9.7 ms	20.4 ms	3	5.6 ms	4.7 ms	8.4 ms
3-4	13.2 ms	9.7 ms	20.4 ms	4	5.6 ms	4.7 ms	8.4 ms
4-5	13.2 ms	9.7 ms	20.4 ms	5	5.6 ms	4.7 ms	8.4 ms
5-6	13.2 ms	9.7 ms	20.4 ms	6	5.6 ms	4.7 ms	8.4 ms
6-7	13.2 ms	9.7 ms	20.4 ms	7	5.6 ms	4.7 ms	8.4 ms
7-8	13.2 ms	9.7 ms	20.4 ms	8	5.6 ms	4.7 ms	8.4 ms
8-9	13.2 ms	9.7 ms	20.4 ms	9	5.6 ms	4.7 ms	8.4 ms
9-10	13.2 ms	9.7 ms	20.4 ms	10	5.6 ms	4.7 ms	8.4 ms
10-11	13.2 ms	9.7 ms	20.4 ms	11	5.6 ms	4.7 ms	8.4 ms
11-12	13.2 ms	9.7 ms	20.4 ms	12	5.6 ms	4.7 ms	8.4 ms
12-13	13.2 ms	9.7 ms	20.4 ms	13	5.6 ms	4.7 ms	8.4 ms
13-14	13.2 ms	9.7 ms	20.4 ms	14	5.6 ms	4.7 ms	8.4 ms
14-15	13.2 ms	9.7 ms	20.4 ms	15	5.6 ms	4.7 ms	8.4 ms

Telegram Timing & Compare