



Purpose

The CoreStar EddyVision 8.0 software can read in many non-CoreStar formats. Many of these formats are not well-defined and this document defines the directory and filename structure required by EddyVision.

Formats

MIZ30

CAL directory name of the form:

SGAALCALXXXXX

where:

- AA is the user defined name of the component
- L is the leg (H for Hot, C for Cold)
- XXXXX is the cal number.

Example:

SG1CHCAL00181

is component 1C, Hot leg, cal 181.

Inside the cal directory there can be any number of files of the form:

TLRrrrCcccFfff

where:

- T is the file type (D for Data, M for Message, S for Summary)
- L is the Leg (H for Hot, C for Cold)
- R is the Row char (usually R)
- rrr is the row
- C is the Col char (usually C)
- ccc is the col
- F is the File char (usually I)
- fff is the file number.

Example:

DCR001C009I098

is a Data file for Row 001, Col 009, File 098.

MIZ40

CAL directory name of the form:

DIRxxx

where:

- xxx is the cal number (can be any number of digits).

Example:

DIR002

is cal 2.

Inside the cal directory there can be any number of files of the form:

RRR.CCC

where:

- RRR is the row
- CCC is the col

Example:

049.042

is a Data file for Row 49, Col 42.

MIZ43

CAL directory name of the form:

CCL00000

where:

- CC is the two digit cal number.
- L is the leg (I=Inlet, O=Outlet).
- 00000 is five pointless zeros.

Example:

05I0000

is cal 5 on the Inlet.

Inside the cal directory there can be any number of files of the form:

TLRRRCCC . I I I

where:

- T is the file type (D=Data, S=Summary, M=Message).
- L is the leg (I=Inlet, O=Outlet).
- RRR is the row number.
- CCC is the col number.
- I I I is the file index.

Example:

DI009004 . 054

is a Data file for inlet row=009, col=004, file number=054.

MIZ27

CAL directory name can be of the same form as the Miz30 or any name followed by a number.

Example:

WHATEVER0181

is cal 181.

Inside the cal directory there can be any number of files that can be either of the Miz30 format or of the form:

ffddrrr.ccc

where:

- `fff` is the file number.
- `dd` is a two digit id which is ignored
- `rrr` is the row
- `ccc` is the col

Example:

00102003.004

is a Data file for File 001, ID 02, Row 003, Col 004.

EddyNet

CAL directory name of the form:

SGSSLCALCCCC

where:

- SS is the component.
- CCCCC is the 5 digit cal number.

Example:

SG_AHCAL00023

is component A, Hot leg, cal 23.

Inside the cal directory there can be any number of files of the form:

TLRrrrCcccIFFF

where:

- T is the file type. D = Data, M = Message, S = Summary
- L is the leg. H = Hot, C = Cold
- R is the row char.
- rrr is the row.
- C is the col char.
- ccc is the col.
- I is the file index char.
- FFF is the file number.

Example:

DHR002C037I002

is a Data file for File 2, Row 002, Col 037.

ANSER (Miz18 DDA4)

CAL directory name of the form:

```
REEL . xxx
```

where:

- xxx is the cal number.

Example:

```
REEL . 081
```

is component 1C, Hot leg, cal 081.

Inside the cal directory there can be any number of files of the form:

```
fffddrrrrccc.t
```

where:

- fff is the file number
- ddd is the id
- rrr is the row
- ccc is the col
- t is the type (M for message, T for data)

Example:

```
028001002003.T
```

is a Data file for File 28, ID 1, Row 002, Col 003.

New ANSER

CAL directory can be in two forms. It will accept them in the same form as ANSER. Alternatively, they can be of the form:

```
DISK_AAA_DDDS_UULCCC\REEL.XXX
```

where:

- AAA is the alpha code of any length.
- DDD is the disk number.
- S is the side (A or B).
- UU is the unit.
- L is the leg (H=Hot, C=Cold).
- CCC is the component of any length.
- XXX is the cal number.

Example:

```
DISK_CCE_001A_01HB\REEL.081
```

is alpha_code=CCE, disk 1 side A, unit 01, hot leg, sg=B, cal= 081.

Data filenames have the same form as ANSER.

RDTech

CAL directory can be any valid directory name; no attempt is made to parse it.

Inside the cal directory, data filenames are of the form:

RRRCCC .DAT

where:

- RRR is the row number.
- CCC is the column number.
- The extension is always .dat (it is not case sensitive).