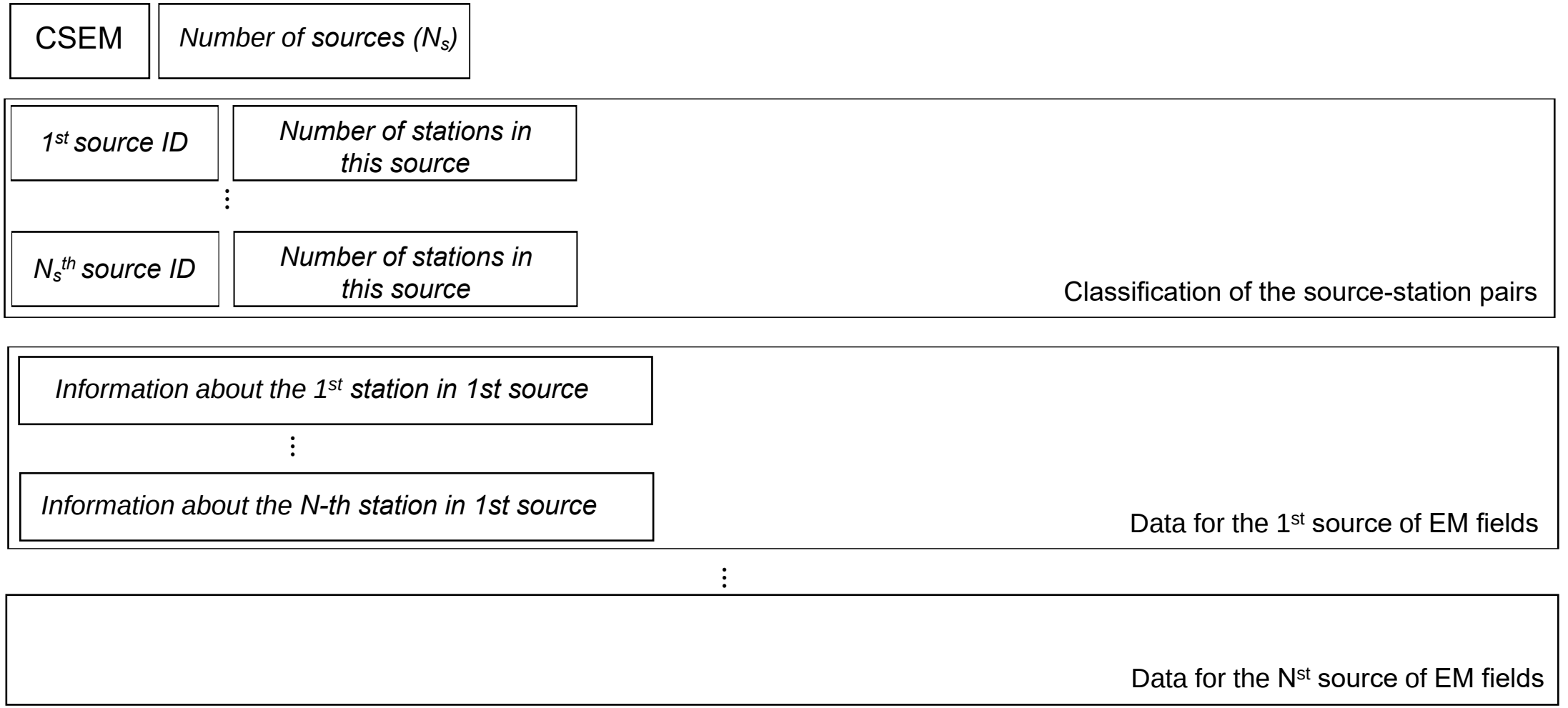
EM fields (1/3)


CSEM
Number of sources (N_s)
1st source ID
Number of stations in this source
N_sth source ID
Number of stations in this source
Classification of the source-station pairs
Information about the 1st station in 1st source
Information about the N-th station in 1st source
Data for the 1st source of EM fields
Data for the Nst source of EM fields

EM fields (2/3)

Station ID

Station ID for horizontal magnetic field

X coordinate value of the station (km)

Y coordinate value of the station (km)

Number of data type (N_D)

1st data type ... *N_pth data type*

Number of frequencies (N_f)

Observed data of the 1st frequency *3)

⋮

Observed data of the N_f-th frequency *3)

information of the n-th observation site

Data type:
1 - using Ex complex value Data
2 - using Ey complex value Data
3 - using Hx complex value Data
4 - using Hy complex value Data
5 - using Hz complex value Data

~~11111~~ (more in future)

You can freely chose the data type you want to use in each source-station pair

EM fields (3/3)

The format of the observed data of each frequency

Frequency(Hz)	*Re(Ex)* (V/m)	*Im(Ex)* (V/m)	*Re(Ey)* (V/m)	*Im(Ey)* (V/m)	*Re(Hx)* (A/m)	*Im(Hx)* (A/m)	*Re(Hy)* (A/m)	*Im(Hy)* (A/m)	*Re(Hz)* (A/m)	*Im(Hz)* (A/m)
	SD of Re(Ex)	*SD of Im(Ex)*	*SD of Re(Ey)*	*SD of Im(Ey)*						
		SD of Re(Hx)	*SD of Im(Hx)*	*SD of Re(Hy)*	*SD of Im(Hy)*					
				SD of Re(Hz)	*SD of Im(Hz)*					

Examples:

*If you chose to use only Ex data:

Frequency(Hz)	*Re(Ex)* (V/m)	*Im(Ex)* (V/m)	*SD of Re(Ex)*	*SD of Im(Ex)*

*If you chose to use Ex,Hz data:

Frequency(Hz)	*Re(Ex)* (V/m)	*Im(Ex)* (V/m)	*Re(Hz)* (A/m)	*Im(Hz)* (A/m)	*SD of Re(Ex)*	*SD of Im(Ex)*	*SD of Re(Hz)*	*SD of Im(Hz)*