

Company Information

Reference Guide

8 September 2021

Introduction

The Company Information consists of two messages (MDF_M_CI, MDF_M_CIHISTORY) or two SQL tables (ci, cihistory) depending upon if you receive this data directly via MDF (Millistream Data Feed) or via the MDA (Millistream Database Application). In either case the differences between these two messages/tables are that 'ci' is used for “how things look right now” and 'cihistory' has the historical components.

For example, for the insider data, 'ci' holds the list of current insiders, their current positions and their current holdings while 'cihistory' holds changes in position as well as the buy/sell transactions themselves (since that is the historical component of the current holdings).

The primary keys for 'ci' is “insref+type+sequence” and for 'cihistory' it's “insref+type+sequence+date”. The 'sequence' tag/column is used primarily to function in the key and should normally not be displayed, it can however in some circumstances be useful for sorting the data. Also please note that the 'sequence' numbers can have gaps and does not always start with '0'.

The data itself is stored in 10 string columns (S1-S10), 5 numerical columns (N1-N5), 5 integer columns (I1-I5) [usually used for enums] and 3 date columns (D1-D3). What data is stored in each column depends upon the 'type' and 'subtype' combination.

In order to create a unified guide we use the column names from the MDA, so when encountering 'S1' this means 'MDF_F_S1' for MDF users, 'N1' means 'MDF_F_N1' and so on.

Company Information Types

<i>Type</i>	<i>Description</i>
0	Insider Trading. Since 2016-08-04 most of the columns and messages have been deprecated due to changes at the source, older data is still left in the system using these columns and messages though.
1	Various Dates
2	Short Selling
3	Genium GCF Bond Data
4	Board of directors
5	Major Shareholders

Insider Trading (type=0)

Current Insiders			
<i>type</i>	0		
<i>subtype</i>	0		
<i>table/message</i>	ci / MDF_M_CI		
<i>Column</i>	<i>Name</i>	<i>Description</i>	
S1	Insider Name	The name of the insider in clear text.	
S2	Insider ID	The unique id of the the insider. Used to reference the insider from the other tables and also across instruments.	
S3	Position	The insider position with the company. This is a clear text field in the language as provided by the source. If you want to provide your own text or translate this to another language then you can use the enum from I1.	
I1	Position (enum)	See Appendix #0 for possible values.	
D1	Start Date	The date at which the insider begun the position.	
D2	End Date	The date at which the insider ceased the have the position, note that normally when this date is < 'today' then this row will be deleted since this means that the person is no longer an active insider (atleast not with this position).	

Historical Insiders / Historical Positions			
<i>type</i>	0		
<i>subtype</i>	0		
<i>table/message</i>	cihistory / MDF_M_CIHISTORY		
<i>Column</i>	<i>Name</i>	<i>Description</i>	
Date	Start Date	The position is valid from this date.	
S1	Insider Name	The name of the insider in clear text.	
S2	Insider ID	The unique id of the the insider. Used to reference the insider from the other tables and also across instruments.	
S3	Position	The insider position with the company. This is a clear text field in the language as provided by the source. If you want to provide your own text or translate this to another language then you can use the enum from I1.	
I1	Position (enum)	See Appendix #0 for possible values.	
D1	Start Date	The position is valid from this date. Same data as in 'Date'.	
D2	End Date	The position was valid to this date.	

Current Holdings		
<i>type</i>	0	
<i>subtype</i>	2	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
S1	Insider Name	The name of the insider in clear text.
S2	Insider ID	The unique id of the the insider. Used to reference the insider from the other tables and also across instruments.
S3	Position	The insider position with the company. This is a clear text field in the language as provided by the source. If you want to provide your own text or translate this to another language then you can use the enum from I1.
S4	Holder	The actual holder of the security. This is a clear text field as provided by the source. If you want to provide your own text or translate this to another language then you can use the enum from I2.
S5	Holder ID	The unique id of the holder.
S6	ISIN	ISIN of the security if available.
S7	Security Name	Name of the security.
S8	Legal Name	Name if Holder is a legal person.
S9	Orgnum	Organisation number if Holder is a legal person.
I1	Position (enum)	See Appendix #0 for possible values.
I2	Holder (enum)	See Appendix #0 for possible values.
I3	Security Type (enum)	See Appendix #0 for possible values.
N1	Total Amount	The total amount of securities in the holding.

Insider Transactions		
<i>type</i>	0	
<i>subtype</i>	3	
<i>table/message</i>	cihistory / MDF_M_CIHISTORY	
<i>Column</i>	<i>Name</i>	<i>Description</i>
Date	Publication Date	Date when the transaction was made public.
S1	Insider Name	The name of the insider in clear text.
S2	Insider ID	The unique id of the the insider. Used to reference the insider from the other tables and also across instruments.
S3	Position	The insider position with the company. This is a clear text field in the language as provided by the source. If you want to provide your own text or translate this to another language then you can use the enum from I1.
S4	Holder	The actual holder of the security. This is a clear text field as provided by the source. If you want to provide your own text

		or translate this to another language then you can use the enum from I2.
S5	Holder ID	The unique id of the holder.
S6	ISIN	ISIN of the security if available.
S7	Security Name	Name of the security.
S8	Legal Name	Name if Holder is a legal person.
S9	Orgnum	Organization number if Holder is a legal person.
S10	Comment	Comment in free text as provided by the source.
S11	Currency	The currency used for the transaction.
I1	Position (enum)	See Appendix #0 for possible values.
I2	Holder (enum)	See Appendix #0 for possible values.
I3	Security Type (enum)	See Appendix #0 for possible values.
I4	Transaction (enum)	See Appendix #0 for possible values.
I5	Part of Share Program	0 if No, 1 is Yes and NULL if Unknown
I6	On Marketplace	0 if No, 1 is Yes and NULL if Unknown
N1	Total Amount	The total amount of securities in the holding.
N2	Changed Amount	The change in the amount of securities in the holding. Is negative if the holding is decreased.
N3	Price	The price of the transaction.
D1	Date of transaction	Date when the transaction took place.

Various Dates (type=1)

Lottery Dates		
<i>type</i>	1	
<i>subtype</i>	0	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
D1	Lottery Date	
D2	Payment Date	

Coupon Dates		
<i>type</i>	1	
<i>subtype</i>	1	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
D1	Coupon Date	
D2	Ex Date	Not always present

Conversion Dates		
<i>type</i>	1	
<i>subtype</i>	2	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
D1	Convert From Date	
D2	Convert To Date	

Short Selling (type=2)

Short Selling (Currently Active)		
<i>type</i>	2	
<i>subtype</i>	0	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
S1	Position Holder	
S2	Share Name	
S3	Share ISIN	
S4	Comment	Comment in free text as provided by the source
N1	Position Size Pct	Net Short Position Size in Percent
N2	Position Size	Net Short Position Size
D1	Position Date	

Short Selling (Transactions)		
<i>type</i>	2	
<i>subtype</i>	0	
<i>table/message</i>	cihistory / MDF_M_CIHISTORY	
<i>Column</i>	<i>Name</i>	<i>Description</i>
Date	Publication Date	Date when the transaction was made public.
S1	Position Holder	
S2	Share Name	
S3	Share ISIN	
S4	Comment	Comment in free text as provided by the source
N1	Position Size Pct	Net Short Position Size in Percent
N2	Position Size	Net Short Position Size
D1	Position Date	

Genium GCF Bond Data (type=3)

Bond Cash Flow		
<i>type</i>	3	
<i>subtype</i>	0	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
N1	Installment Amount	States the periodic principal payments of the settlement date in question.
N2	Interest Amount	States the amount of interest paid on the settlement date in question.
I1	Yield Calculation	Indicates if the cash flow is used for yield calculation or no. 0 – No, 1 – Yes
I2	Delivered	Indicates if the cash flow is delivered or calculated. 0 – Calculated, 1 – Delivered
D1	Publication Date	States the date when the information was published.
D2	Due Date	States the settlement date for interest and repayment.

Debtor Composition		
<i>type</i>	3	
<i>subtype</i>	1	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
N1	Outstanding Bond Loans	States bond outstanding in DKK for bond loans.
N2	Outstanding Cash Loans	States bond outstanding in DKK for cash loans.
N3	Loans Outstanding	States cash loan outstanding in DKK for cash loans.
N4	Cash Interest	States the average annual cash loan interest in percent of the cash loans. The average is calculated as a weighted average, the weight being the outstanding on the individual loan of the bond. In bond series for which both bond loans and cash loans have been issued, only the cash loans are part of the calculation.
N5	Deductible Amount	States the total balance of deductible capital loss on old cash loans in DKK.
I1	Number Bond Loans	States the number of debenture loans, per item. For 1 to 9 loans, 9 is stated.
I2	Number Cash Loans	States the number of cash loans, per item. For 1 to 9 loans, 9 is stated.
I3	Number Deductible Amount	States the total number of loans for deduction account, per item. For 1 to 9 loans, 9 is stated.
I4	Number Redeemed Loans	States the total number of loans which have been

		terminated on repayment date for up to 4 future repayment dates.
I5	Redeemed Amount	States the total bond amount for terminated loans which have been terminated on repayment date, for up to 4 future repayment dates.
S1	Loan Group	States the group to which the bond belongs.
S2	Bond Outstanding Intervals	States the interval of the bond outstanding.
D1	Publication Date	States the date when the information was published.

Extra Redemption

<i>type</i>	3	
<i>subtype</i>	2	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
N1	Redemption Amount	States the size of the extraordinary redemption in the issuer's currency for the repayment date in question.
D1	Publication Date	States the date when the information was published.
D2	Due Date	States the repayment date for the underlying bond in question, for which the drawing was made.

Notification Drawing

<i>type</i>	3	
<i>subtype</i>	3	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
N1	Redemption Percent New	States the amount drawn ordinarily and extraordinarily, in percent.
N2	Redemption Percent Extra New	States the amount drawn extraordinarily, in percent. The percentage is a subset of Redemption Percent New.
N3	Drawn Amount	States the total amount in issuer currency which is drawn on the repayment date of the underlying bond - stated in the field Due Date.
N4	Outstanding Amount Face Value	States the total quantity in circulation of the bond referred to at the nominal value before drawing (In DKK).
D1	Publication Date	States the date when the information was published.
D2	Due Date	States the repayment date for the underlying bond in question, for which the drawing was made.

D3	Statement Date	Date for statement of the amount specified in the "Outstanding Amount Face Value"-field.
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Notification Drawing Percent		
<i>type</i>	3	
<i>subtype</i>	4	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
N1	Redemption Percent New	States the amount drawn ordinarily and extraordinarily, in percent.
I1	Redemption Percent Status	Official or indicative redemption percent. 1 – Indicative, 2 – Official
D1	Publication Date	States the date when the information was published.
D2	Due Date	States the repayment date for the underlying bond in question, for which the drawing was made.

Board of Directors (type=4)

Board of Directors - Current list		
<i>type</i>	4	
<i>subtype</i>	0	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
S1	Name	
I1	Role	0 - Chairman 1 - CEO 2 - Board member
I2	Gender	0 - Male 1 - Female 2 - Non-Binary
D1	Birth Year	Member birth year, normally only set for Chairman and CEO.
D2	Valid From	
D3	Valid To	

Board of Directors - Historical Changes		
<i>type</i>	4	
<i>subtype</i>	0	
<i>table/message</i>	cihistory / MDF_M_CIHISTORY	
<i>Column</i>	<i>Name</i>	<i>Description</i>
Date	Change Date	
S1	Name	
I1	Role	0 - Chairman 1 - CEO 2 - Board member
I2	Gender	0 - Male 1 - Female 2 - Non-Binary
D1	Birth Year	Member birth year, normally only set for Chairman and CEO.
D2	Valid From	
D3	Valid To	

Major Shareholders (type=5)

Major Shareholders - Current list		
<i>type</i>	5	
<i>subtype</i>	0	
<i>table/message</i>	ci / MDF_M_CI	
<i>Column</i>	<i>Name</i>	<i>Description</i>
S1	Name	Name of the shareholder
N1	Capital %	The percentage of the equity's capital that is owned by the shareholder
N2	Votes %	The voting power in percentage controlled by the shareholder

Major Shareholders - Historical changes		
<i>type</i>	5	
<i>subtype</i>	0	
<i>table/message</i>	cihistory / MDF_M_CIHISTORY	
<i>Column</i>	<i>Name</i>	<i>Description</i>
Date	Change Date	
S1	Name	Name of the shareholder
N1	Capital %	The percentage of the equity's capital that is owned by the shareholder
N2	Votes %	The voting power in percentage controlled by the shareholder

Appendix #0 – Insider Trading

I1 - Position

<i>Value</i>	<i>Description</i>
0	Unknown
1	CEO
2	CEO Subsidiary Company
3	CEP Parent Company
4	VP
5	VP Subsidiary Company
6	VP Parent Company
7	Board Member
8	Board Member Subsidiary Company
9	Board Member Parent Company
10	Deputy Board Member
11	Deputy Board Member Subsidiary Company
12	Deputy Board Member Parent Company
13	Accountant
14	Accountant Subsidiary
15	Accountant Parent Company
16	Deputy Accountant
17	Deputy Accountant Subsidiary
18	Deputy Accountant Parent Company
19	Major Owner with Insider Information
20	Others with Insider Information
21	Others with Insider Information Subsidiary Company
22	Others with Insider Information Parent Company
23	Public Company

I2 - Holder

<i>Value</i>	<i>Description</i>
0	Unknown Holder
1	Own
2	Spouse
3	Legal Person
4	Children
5	Next of kin
6	Cohabitee

I3 – Security Type

<i>Value</i>	<i>Description</i>
0	Unknown Security
1	Share
2	Preference Share
3	Call (Buy) Option
4	Put (Sell) Option
5	Share Future
6	Synthetic Option
7	American Depository Receipts (ADR)
8	Swedish Depository Receipts (SDR)
9	Convertible Loan
10	Paid Subscription Share
11	Interim Share
12	Paid Subscription Unit
13	Unit Right
14	Subscription Right
15	Subscription Option
16	Warrant
17	Redemption Right
18	Special Right
19	Other Derivatives
20	Bonus Right Certificate
21	Bond / Debt Security
22	Redemption Share
23	Participation Certificate
24	Sales Rights
25	Scrip
26	Rights Issue from Bonus Issue
27	Paid Subscribed Convertibles
28	Subordinated Debenture
29	No Holding (placeholder for when the insider has no holdings)

I4 - Transaction

<i>Value</i>	<i>Description</i>
0	Transaction unknown at the time of registration

1	Started possession
2	Increased possession
3	Decreased possession
4	Correction Up
5	Correction Down
6	Recalculation +
7	Recalculation -
8	Exercise
9	Allotment
10	Stock Purchase Plan
11	Issue
12	Bonus
13	Repurchase
14	Gift
15	Start of Dispensation
16	Split
17	Reverse Split
18	Transfer
19	Option Issued
20	Opening Balance
21	Conversion of Security
22	Conversion of Share Class
23	Redemption
24	Share Loan
25	Change of security
26	New Issue
27	Set-off Issue
28	Distribution of estate
29	Option Exercise
30	Inheritance
31	Option Expiration Date
32	Dividend
33	Bonus Issue
34	Merger
35	Withdrawal
36	Partition of joint property
37	New next of kin
38	Profit

39	Conversion of Security Type
40	Stock Dividend
41	Takeover
42	Equity Future
43	Future Exercise
44	Revocation
45	Terminated Possession
46	Internal Transfer at Clearing House
47	Reimbursement
48	Recalculation
49	Spin-off
50	Exchange of Securities
51	Subordinated Debenture
52	Other transactions
53	Termination of Insider Status
54	Short Selling