

Job Log Search

Report /BTCMAN/M_SJL

User Manual

Version 1.0 | April 2026
HONICO Systems GmbH

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1 Overview

The Job Log Search (/BTCMAN/M_SJL) is a cross-system analysis tool in BatchMan BM 5.3 that enables operators to search log messages across all jobs, networks, and orders in a single query. Instead of navigating to individual objects to inspect their logs, users can define targeted search criteria and receive a consolidated result list showing exactly which objects produced specific messages or text patterns.

The tool is particularly useful for operational incident analysis, where the same error message may appear across many jobs, or where the action history of a specific user needs to be traced across all automated processes.

2 Access & Authorizations

To execute /BTCMAN/M_SJL, the user requires the following BatchMan authorizations:

- **BatchMan system start authorization** — required to open a BatchMan session.
- **BatchMan report execution authorization** — required to run reports within BatchMan.

Note: If either authorization is missing, the system will display an error message and stop. Contact your system administrator to request the appropriate BatchMan authorization roles.

3 Selection Screen

The selection screen is divided into two logical sections: the Object Selection block, which scopes the search to specific objects and time periods, and the Search Criteria block, which defines the message content to search for. At least one criterion from the Search Criteria block must be filled before execution.

BM: Search in the joblog

Search criteria

Order scheduling date	06.03.2026	to		
Order		to		
Network name		to		
Object name		to		
Jobcount		to		

Object Selection

Search text		
Message type		
Message class		
Message number		

3.1 Object Selection

The Object Selection block narrows the search to a defined set of BatchMan objects and a date range.

Parameter	Type	Required	Description
Date	Select-Options	Yes	Execution date of the log entries. Defaults to the current date. Accepts single values, ranges, and exclusions.

Parameter	Type	Required	Description
Order	Select-Options	No	BatchMan order name (Auftrag). Restricts results to log entries belonging to matching orders.
Network	Select-Options	No	BatchMan network name (Netzname). Restricts results to log entries from matching networks within the selected orders.
Job Name	Select-Options	No	Job name. Restricts results to log entries from matching jobs within the selected networks.
Job Count	Select-Options	No	Job execution counter. Used to pinpoint a specific execution instance of a repeated job.

Note: All Object Selection fields support the standard SAP Select-Options operators (EQ, NE, BT, NB, CP, NP), allowing wildcard searches using * and + placeholders.

3.2 Search Criteria

At least one of the following criteria must be specified. The search combines multiple criteria with AND logic (all specified criteria must match), while multiple values within a single criterion are combined with OR logic.

Parameter	Type	Required	Description
Search Text	Select-Options	Conditional	Free-text search against the message text of log entries.
Message Type	Select-Options	Conditional	Filters by SAP message type. A value help (F4) is available. See Section 3.3 for valid values.
Message Class	Select-Options	Conditional	SAP message class identifier.
Message Number	Select-Options	Conditional	SAP message number within the selected message class.

Note: If all four Search Criteria fields are left empty, the system will display an error message and prevent execution. This ensures every search returns a meaningful, scoped result set.

4 Executing the Search

To execute a job log search, follow these steps:

1. Call the report /BTCMAN/M_SJL via the BatchMan menu or by entering the report name in transaction SE38 / SA38.
2. Set the Date field in the Object Selection block to the relevant execution date or date range.
3. Optionally restrict the object scope by entering values for Order, Network, or Job Name.
4. Enter at least one value in the Search Criteria block (Search Text, Message Type, Message Class, or Message Number).
5. Execute the report with F8 or the Execute button.

The system retrieves all matching log entries from the BatchMan master system and displays them in the result list. If no matching entries are found, no result screen is shown and the selection screen remains active.

Note: The report always requires at least one Search Criteria entry to run. An error message is raised at selection-screen validation if all criteria fields are empty.

5 Result List

Matching log entries are displayed in an ALV grid list. Each row represents one log entry from a job, network, or order that matched the specified search criteria.

BM: Search in the joblog

Order	Network name	Object name	Date	Time	Message text	M.class	M.number	M.type
STD_MW_ZPM_202511030000001	TESTNET	TESTJOB	03.11.2025	15:03:06	Abort job 1			
STD_VL_7_202511030000001	VL_PERIOD_GREEN_LINE	VL_PERIOD_GREEN_LINE		12:02:04	Wert = 6 - Status aborted.	/BTCMAN/93	68	E
STD_VL_TEST_202511030000001	VL_PERIOD_NET_RANDOM_OK_ABR	VL_RANDOM_OK_ABR_01		12:31:26	Wert = 4 - Status aborted.	/BTCMAN/93	68	E
		VL_RANDOM_OK_ABR_02		13:35:15	Wert = 7 - Status aborted.	/BTCMAN/93	68	E
		VL_RANDOM_OK_ABR_03		12:57:07	Wert = 0 - Status aborted.	/BTCMAN/93	68	E
		VL_RANDOM_OK_ABR_04		12:23:27	Wert = 2 - Status aborted.	/BTCMAN/93	68	E
				11:18:25	Wert = 4 - Status aborted.	/BTCMAN/93	68	E
				13:04:57	Wert = 8 - Status aborted.	/BTCMAN/93	68	E
				13:45:22	Wert = 5 - Status aborted.	/BTCMAN/93	68	E
		VL_RANDOM_OK_ABR_05		11:23:28	Wert = 6 - Status aborted.	/BTCMAN/93	68	E
				12:33:08	Wert = 2 - Status aborted.	/BTCMAN/93	68	E
		VL_RANDOM_OK_ABR_06		13:08:00	Wert = 0 - Status aborted.	/BTCMAN/93	68	E
				12:37:47	Wert = 0 - Status aborted.	/BTCMAN/93	68	E
				13:26:54	Wert = 6 - Status aborted.	/BTCMAN/93	68	E
	VL_PERIOD_RANDOM_OK_ABR_01	VL_PERIOD_RANDOM_OK_ABR_01		12:09:26	Wert = 4 - Status aborted.	/BTCMAN/93	68	E
				12:39:23	Wert = 1 - Status aborted.	/BTCMAN/93	68	E
				12:54:29	Wert = 5 - Status aborted.	/BTCMAN/93	68	E
				13:09:45	Wert = 0 - Status aborted.	/BTCMAN/93	68	E
				13:15:10	Wert = 1 - Status aborted.	/BTCMAN/93	68	E
				14:12:01	Wert = 3 - Status aborted.	/BTCMAN/93	68	E

5.1 Columns

Column	Description
Order (Auftrag)	The BatchMan order to which the object belongs. Displayed as a hyperlink — clicking opens the order log popup.
Network	The network within the order. Displayed as a hyperlink — clicking opens the network log popup.
Object Name	The name of the job that produced the log entry. Displayed as a hyperlink — clicking opens the job log popup.
Date	The date on which the log entry was written.
Time	The time at which the log entry was written.
Message Text	The full text of the log message.

Column	Description
Message Class	The SAP message class of the log entry. Hidden by default; can be shown via layout settings.
Message Number	The SAP message number within the message class.
Message Type	The SAP message type (E, W, S, I, A, or X). See Section 3.3 for definitions.

5.2 Sorting and Grouping

The result list is sorted by Order, then Network, then Job Name, then Date, then Time. Repeated values in the first three columns are grouped, making it easy to identify which objects generated the most matches.

Users may apply additional sorting and filtering using the standard ALV toolbar. Layout variants can be saved per user.

5.3 Navigation via Hotspot Links

The Order, Network, and Object Name columns are clickable. Clicking on any of these values opens a detailed log popup for the corresponding object:

- **Clicking Order (Auftrag)** opens the full log of the BatchMan order.
- **Clicking Network** opens the log of the specific network within the order.
- **Clicking Object Name** opens the job log of the specific job execution.

The popup displays the complete log for the selected object — not just the matching entries — providing full context for the messages found. After reviewing the popup, close it to return to the result list.

6 Usage Examples

6.1 Finding Repeated Jobs in Standard Orders

Scenario: You need to identify all jobs in standard orders (STD orders) that were repeated on a specific date — for example, to investigate unexpected re-executions on 03.11.2025.

Configuration:

Field	Value
Date	03.11.2025
Order	STD* (wildcard to match all standard orders)
Search Text	wiederhol* (matches German log entries for "repeated")

BM: Search in the joblog

Search criteria

Order scheduling date	03.11.2025	to		
Order	STD*	to		
Network name		to		
Object name		to		
Jobcount		to		

Search text	repeated	
Message type		
Message class		
Message number		

The result list will show all log entries from standard orders on that date containing a text matching the search pattern. Click the job name in any result row to open the full job log and verify the repeat context.

BM: Search in the joblog

Order	Network name	Object name	Date	Time	Message text	M.class
STD_VL_7_202511030000001	VL_PERIOD_GREEN_LINE	VL_PERIOD_GREEN_LINE	08.01.2026	11:36:54	Job VL_PERIOD_GREEN_LINE was repeated by VPARPURA	/BTCMA

6.2 Tracing User Activity Across All Objects

Scenario: You need to audit all automated actions performed by or attributed to a specific user (e.g., VPARPURA) across all BatchMan objects during a given month (December 2025).

Configuration:

Field	Value
Date	01.12.2025 – 31.12.2025 (date range)
Search Text	VPARPURA (matches any log message containing the username)
Message No	Here we excluded No 550 to exclude the SAP Stepuser Message for VPARPURA to only see the manual activity

BM: Search in the joblog

Search criteria

Order scheduling date	01.12.2025	to	06.01.2026	
Order		to		
Network name		to		
Object name		to		
Jobcount		to		

Search text	VPARPURA	
Message type		
Message class		
Message number	550	

All log entries across all orders and networks for December 2025 that mention the username will be returned. Use the hotspot links in the Order or Network columns to drill into the full log context for any entry of interest.

BM: Search in the joblog

Order	Network name	Object name	Date	Time	Message text	M.class
INDIV_ADHOC_202512090000002	VL_NET_01	VL_NET_01_01	09.12.2025	14:42:09	Netz wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3)	/BTCM
		VL_OK_2		14:42:06	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3)	/BTCM
		VL_NET_01_01_01		14:42:09	Netz wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_NET_01_01_02				
		VL_JOB_01_NET_01_01_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_02_NET_01_01_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_03_NET_01_01_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_04_NET_01_01_02			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_05_NET_01_01_02			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_06_NET_01_01_02			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_07_NET_01_01_02			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_JOB_08_NET_01_01_02			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_MOVE_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_RENAME_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_NET_FDM_COPY_RENAME_DELETE_01			Netz wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3)	/BTCM
INDIV_ADHOC_202512110000001	VL_NET_FDM_COPY_RENAME_DELETE_01	VL_FDM_DELETE_01	11.12.2025	15:08:23	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:08:30	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3)	/BTCM
		VL_FDM_DELETE_01		15:08:23	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:08:23	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
INDIV_ADHOC_202512110000004	VL_NET_FDM_COPY_RENAME_DELETE_01	VL_FDM_DELETE_01	15.12.2025	15:14:25	Netz wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3)	/BTCM
		VL_FDM_DELETE_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01			Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
INDIV_ADHOC_202512110000005	VL_NET_FDM_COPY_RENAME_DELETE_01	VL_FDM_DELETE_01	15.12.2025	15:18:19	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:07	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:07	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:07	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:07	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:07	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:07	Job wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3[R])	/BTCM
		VL_FDM_DELETE_01		15:18:19	Netz wurde manuell von VPARPURA über das Monitoring geskippt (/BTCMAN/C_OP3)	/BTCM

7 Notes

- Be advised that the **report may fail/dump** if the selected amount will exceed the available memory for the session.
- **FDM log entries included:** When a Search Text criterion is specified, the tool also searches log entries from the FDM (File & Data Manager) add-on in addition to standard job, network, and order logs.