



Project

Project Name: Whitehaven Academy - Hensingham - 2022_06_20

Project Description: CCTV

Project Number: JC 27466

Project Status: On Site

Project Date: 20/06/2022

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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Whitehaven Academy - Hensingham - 2022_06_20	JC 27466	20/06/2022

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Project Information

Project Name	Project Number	Project Date
Whitehaven Academy - Hensingham - 2022_06_20	JC 27466	20/06/2022

Client

Company: Whitehaven Academy
Contact: Michael Horton
Department: Whitehaven Academy Primary Estates Manager
Street: Cleator Moor Road
Town or City: Whitehaven
County: Cumbria
Post Code: CA28 8TY

Site

Company: Whitehaven Academy
Contact: Michael Horton
Department: Whitehaven Academy Primary Estates Manager
Street: Cleator Moor Road
Town or City: Whitehaven
County: Cumbria
Post Code: CA28 8TY

Contractor

Company: Unblock Cumbria Ltd
Description: Inspection Group
Contact: Ian Woodhouse
Department: Directors
Street: Kerry Park
Town or City: Workington
County: Cumbria
Post Code: CA14 3TX
Phone: 01900870140
Email: info@unblockcumbria.co.uk

Project Information

Project Name	Project Number	Project Date
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Project Notes

Whitehaven Academy - Cleator Moor Road.

The purpose of the survey was to check the condition of the surface water across the playing field, within the system there is several structural defects which caused each section to be abandoned and the survey is incomplete.

Section Profile

Project Name	Project Number	Project Date
Whitehaven Academy - Hensingham - 2022_06_20	JC 27466	20/06/2022

Total: 0 Inspections = 0.00 m Total Length and 0.00 m Inspected Length

Section Summary

Project Name Whitehaven Academy - Hensingham - 2022_06_20	Project Number JC 27466	Project Date 20/06/2022
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Number of sections	3
Total length of sewer network	123.56 m
Total length of inspections	91.34 m
Total length of abandoned inspections	32.21 m
Total abandoned inspections	3
Number of section inspection photos	16
Number of section inspection videos	3
Number of section inspection scans	0
Number of section inclination measurements	0

PLR: MH21X	Upstream Node: MH21
Inspection Direction: Upstream	Downstream Node: MH27
Inspected Length: 23.07 m	Dia/Height: 525 mm
Total Length: 23.07 m	Material: Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH27
2	0.00	DES	Settled deposits, fine, 15% cross-sectional area loss, start
3	7.82	DES	Settled deposits, fine, 15% cross-sectional area loss, finish
4	23.07	JDL	Joint displaced, large
5	23.07	REM	General remark
6	23.07	SA	Survey abandoned

PLR: MH27X	Upstream Node: MH27
Inspection Direction: Downstream	Downstream Node: BOUNDARY
Inspected Length: 25.48 m	Dia/Height: 525 mm
Total Length: 25.48 m	Material: Concrete

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH27
2	0.00	DES	Settled deposits, fine, 15% cross-sectional area loss, start
3	3.90	WL	Water level, 50% of the vertical dimension
4	24.41	OJM	Open joint, medium
5	25.48	DES	Settled deposits, fine, 15% cross-sectional area loss, finish
6	25.48	SA	Survey abandoned

PLR: MH21X	Upstream Node: MH21
Inspection Direction: Downstream	Downstream Node: MH27
Inspected Length: 42.79 m	Dia/Height: 375 mm
Total Length: 75.00 m	Material: Concrete

Section Summary

Project Name Whitehaven Academy - Hensingham - 2022 06 20	Project Number JC 27466	Project Date 20/06/2022
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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH21
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.17	CN	Connection other than junction at 12 o'clock, diameter: 150mm
4	11.28	BJ	Broken pipe at joint from 6 o'clock to 9 o'clock
5	23.26	BJ	Broken pipe at joint from 12 o'clock to 2 o'clock
6	28.01	H	Hole in drain or sewer at 11 o'clock
7	41.89	BJ	Broken pipe at joint from 10 o'clock to 4 o'clock
8	42.79	SA	Survey abandoned

Section Inspection - 20/06/2022 - MH21X

Section 1	Inspection 1	Date 20/06/22	Time 9:19	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MH21X
Operator Michael		Vehicle CCTV RIG 1		Camera A1415	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village: Hensingham	Inspection Direction: Upstream	Upstream Node: MH21
Road: Whitehaven Academy	Inspected Length: 23.07 m	Upstream Pipe Depth: 2.300 m
Location: Fields, farmland etc	Total Length: 23.07 m	Downstream Node: MH27
Surface Type: Grass	Joint Length: 0.00 m	Downstream Pipe Depth: 3.200 m
Use: Surface water	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 525 mm	Width: 525 mm
Flow Control: No flow control	Material: Concrete	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample condition survey	Lining Material: No Lining	
Comments: MH27 Broken Cover		
Recommendations:		

Scale: 1:199	Position [m]	Code	Observation	Grade
Depth: 3.20 m				
MH27				
	0.00	MH	Start node, manhole, reference: MH27	
	0.00	S01	DES Settled deposits, fine, 15% cross-sectional area loss, start	
	7.82	F01	DES Settled deposits, fine, 15% cross-sectional area loss, finish	3
	23.07	JDL	Joint displaced, large	1 / 4
	23.07	REM	General remark: pipe drops	
	23.07	SA	Survey abandoned: camera can't proceed	

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	2.0	0.1	2.0	1.0	2	5.0	0.9	21.0	4.0

Section Pictures - 20/06/2022 - MH21X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH21X		JC 27466



MH21X_ce390d49-0f25-447a-8f10-d813b35b3e71_20220622_153449_770.jpg, 00:00:00, 0.00 m
 Start node, manhole, reference: MH27



MH21X_0134eacd-9871-4a78-9401-57dceaa3e30f_20220622_153452_952.jpg, 00:00:06, 0.00 m
 Settled deposits, fine, 15% cross-sectional area loss, start



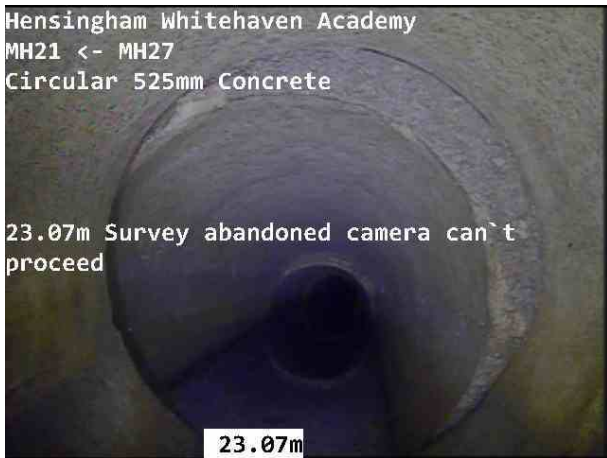
MH21X_57a3cae3-a014-41c0-bd47-c7d6fe2c8a72_20220622_153612_461.jpg, 00:03:14, 23.07 m
 Joint displaced, large



MH21X_7e59d3ce-88e2-4efb-8494-19a2d08cb071_20220622_153616_513.jpg, 00:03:18, 23.07 m
 General remark, pipe drops

Section Pictures - 20/06/2022 - MH21X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH21X		JC 27466



MH21X_54dc5fb6-c5f6-47f9-b311-cc86b9df179a_20220622_1
 53619_944.jpg, 00:03:23, 23.07 m
 Survey abandoned, camera can't proceed

Section Inspection - 20/06/2022 - MH27X

Section 2	Inspection 1	Date 20/06/22	Time 9:27	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MH27X
Operator Michael		Vehicle CCTV RIG 1		Camera A1415	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Hensingham	Inspection Direction:	Downstream	Upstream Node:	MH27
Road:	Whitehaven Academy	Inspected Length:	25.48 m	Upstream Pipe Depth:	
Location:	Fields, farmland etc	Total Length:	25.48 m	Downstream Node:	BOUNDARY
Surface Type:	Grass	Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular	Dia/Height:	525 mm Width: 525 mm
Type of Pipe:	Gravity drain/sewer	Material:	Concrete	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	Not Specified				
Inspection Purpose:	Sample condition survey				

Comments:
Recommendations:

Scale:	1:220	Position [m]	Code	Observation	Grade
	Depth: m				
	MH27	0.00	MH	Start node, manhole, reference: MH27	
		0.00	S01	DES Settled deposits, fine, 15% cross-sectional area loss, start	
		3.90	WL	Water level, 50% of the vertical dimension	
		24.41	OJM	Open joint, medium	1
	25.48	F01	DES Settled deposits, fine, 15% cross-sectional area loss, finish	3	
	25.48	SA	Survey abandoned: camera can't proceed		



Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

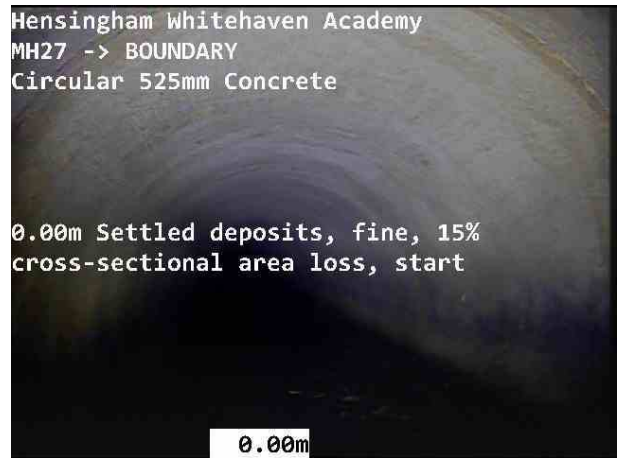
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.0	1.0	1.0	1	2.0	2.0	52.0	3.0

Section Pictures - 20/06/2022 - MH27X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH27X		JC 27466



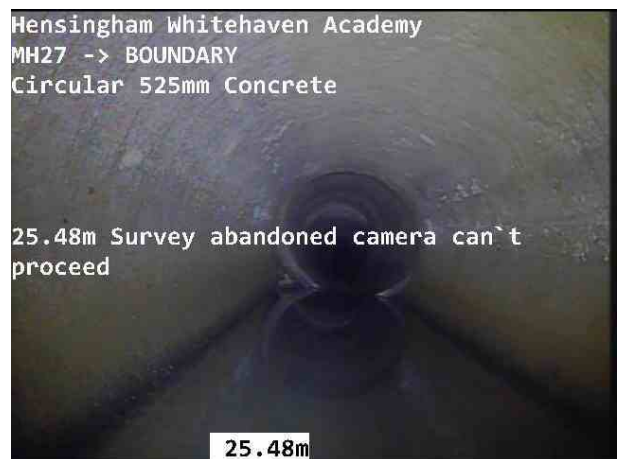
MH27X_28783338-b581-433b-a55a-7c08c969d744_20220622_153632_831.jpg, 00:00:00, 0.00 m
 Start node, manhole, reference: MH27



MH27X_a80f1b9b-6c60-4078-964a-66cebda942e3_20220622_153635_520.jpg, 00:00:03, 0.00 m
 Settled deposits, fine, 15% cross-sectional area loss, start



MH27X_7e87f2c5-7157-4a47-8fbf-ca90e7f55776_20220622_153645_124.jpg, 00:05:15, 24.41 m
 Open joint, medium



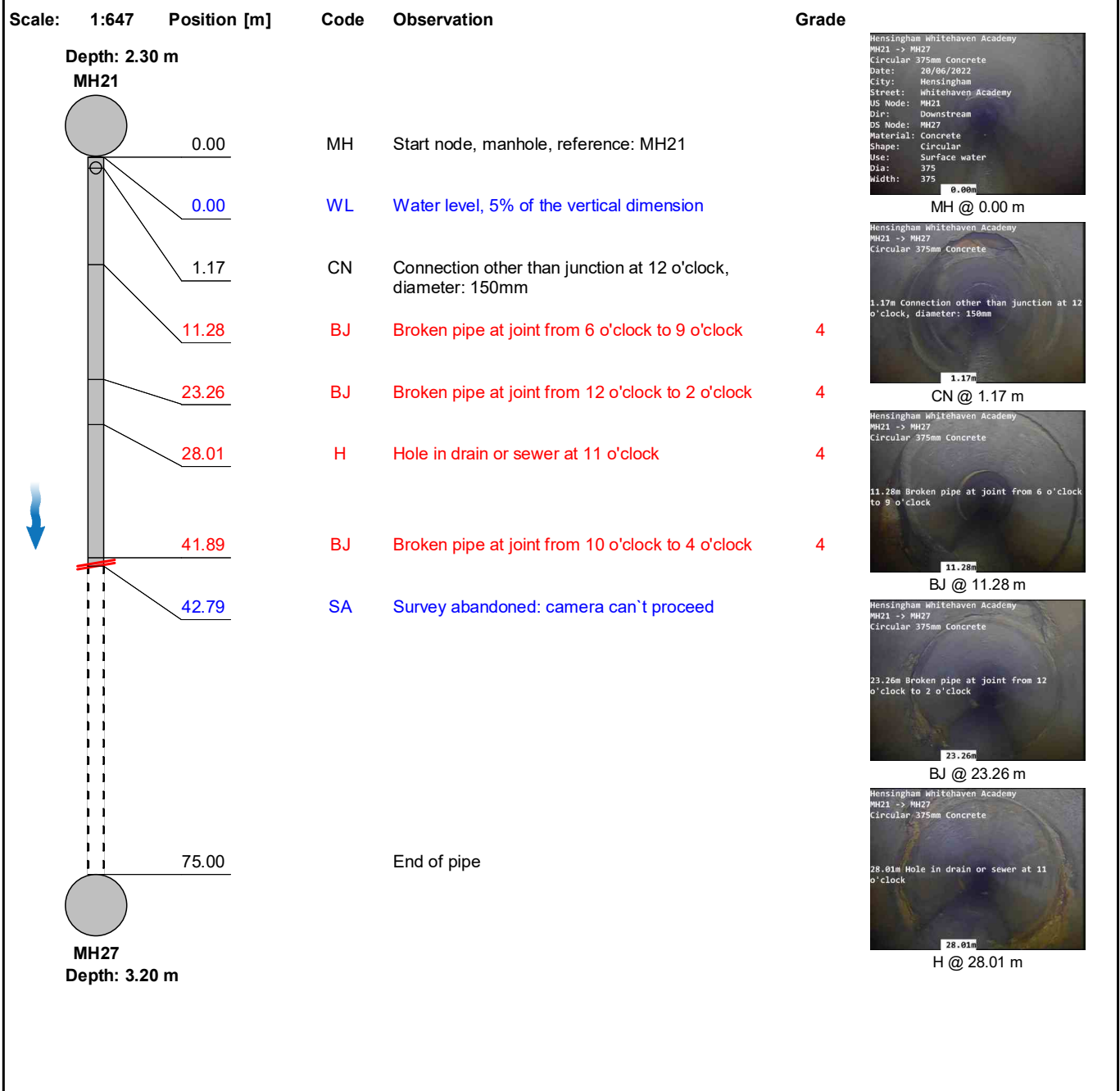
MH27X_4f03049a-f610-45bb-9be5-e3e9442fb05a_20220622_153652_852.jpg, 00:05:40, 25.48 m
 Survey abandoned, camera can't proceed

Section Inspection - 20/06/2022 - MH21X

Section 3	Inspection 1	Date 20/06/22	Time 10:30	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MH21X
Operator Michael		Vehicle CCTV RIG 1		Camera A1415	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Hensingham	Inspection Direction:	Downstream	Upstream Node:	MH21
Road:	Whitehaven Academy	Inspected Length:	42.79 m	Upstream Pipe Depth:	2.300 m
Location:	Fields, farmland etc	Total Length:	75.00 m	Downstream Node:	MH27
Surface Type:	Grass	Joint Length:	0.00 m	Downstream Pipe Depth:	3.200 m
Use:	Surface water	Pipe Shape:	Circular	Dia/Height:	375 mm Width: 375 mm
Type of Pipe:	Gravity drain/sewer	Material:	Concrete	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	Not Specified				
Inspection Purpose:	Sample condition survey				

Comments:
Recommendations:



Section Inspection - 20/06/2022 - MH21X

Section 3	Inspection 1	Date 20/06/22	Time 10:30	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR MH21X
Operator Michael		Vehicle CCTV RIG 1		Camera A1415	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified



BJ @ 41.89 m



SA @ 42.79 m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

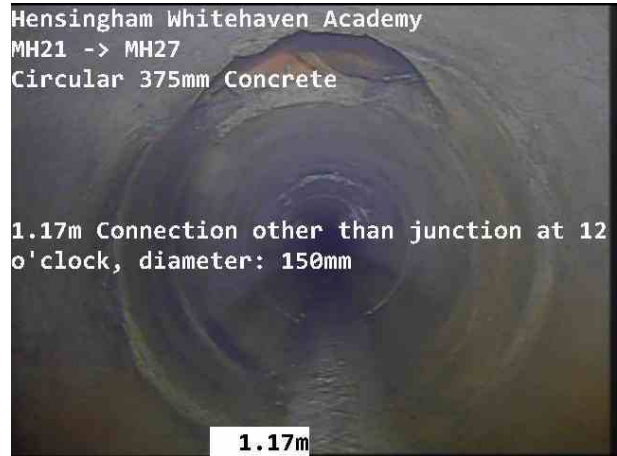
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
4	80.0	7.5	320.0	4.0	0	0.0	0.0	0.0	1.0

Section Pictures - 20/06/2022 - MH21X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH21X		JC 27466



MH21X_a6486355-cf25-403d-a166-47ba39500958_20220622_153706_376.jpg, 00:00:00, 0.00 m
 Start node, manhole, reference: MH21



MH21X_c68098c1-bfbb-473b-8cbf-57522af5e8dd_20220622_153709_281.jpg, 00:00:25, 1.17 m
 Connection other than junction at 12 o'clock, diameter: 150mm



MH21X_1ef3ecfa-3af1-44f4-ad44-7e9d1b8603e4_20220622_153716_635.jpg, 00:01:11, 11.28 m
 Broken pipe at joint from 6 o'clock to 9 o'clock



MH21X_bd9c0086-9608-4a43-b255-08ca5241b232_20220622_153724_203.jpg, 00:01:59, 23.26 m
 Broken pipe at joint from 12 o'clock to 2 o'clock

Section Pictures - 20/06/2022 - MH21X

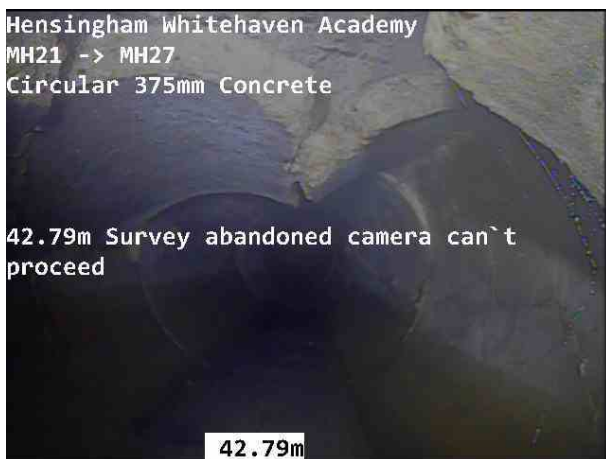
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH21X		JC 27466



MH21X_93253561-1162-4ec8-9cdb-99992a037ac8_20220622_153731_878.jpg, 00:02:24, 28.01 m
 Hole in drain or sewer at 11 o'clock



MH21X_06554e84-0b61-4b9d-8768-af657374f4f4_20220622_153739_665.jpg, 00:03:23, 41.89 m
 Broken pipe at joint from 10 o'clock to 4 o'clock



MH21X_80d960ff-47ed-4f22-8eda-4a437f3f5452_20220622_153742_938.jpg, 00:03:33, 42.79 m
 Survey abandoned, camera can't proceed