

PE14-033

HONDA

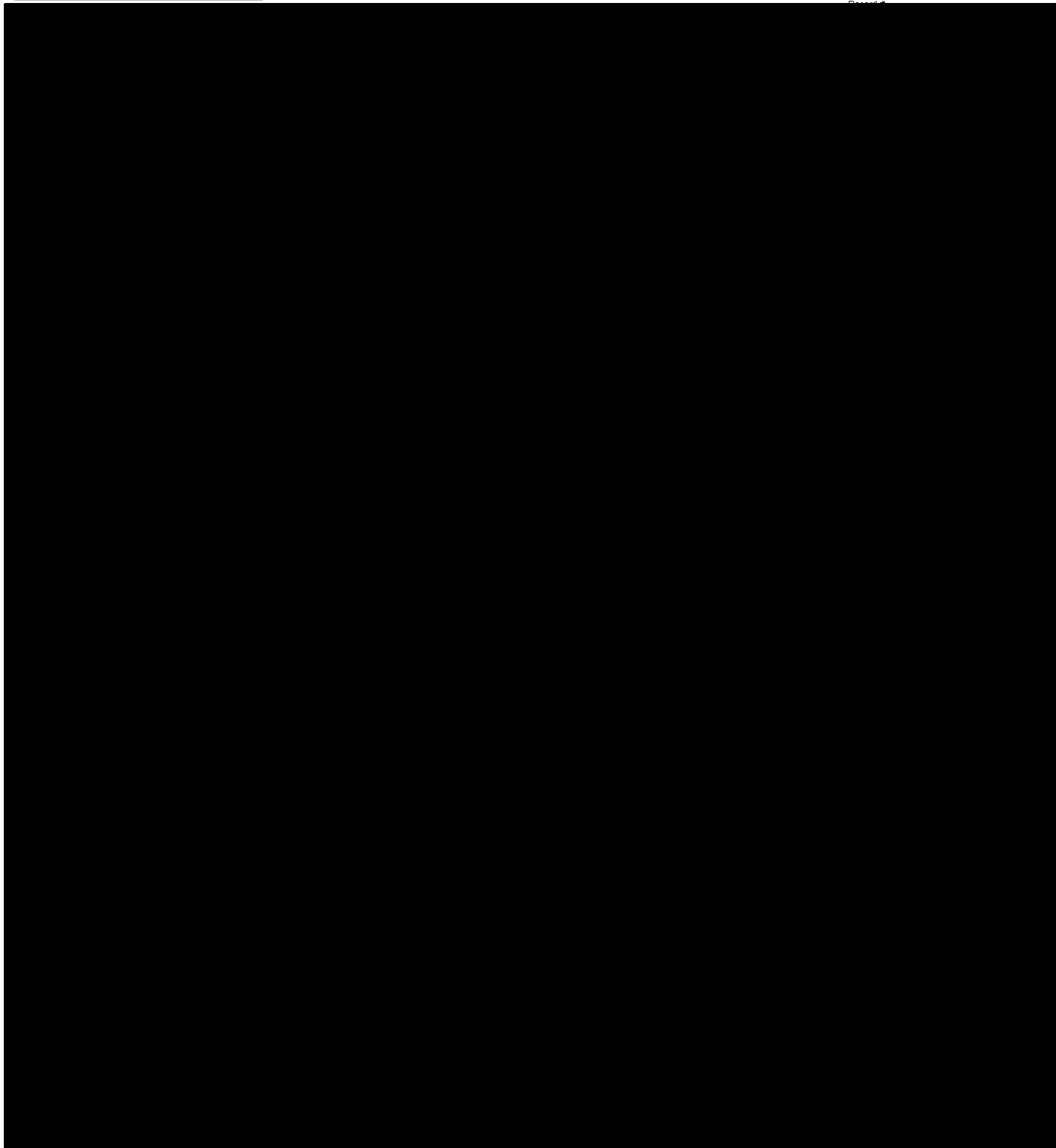
1/23/2015

Q8

Epoxy splatter

Q8-8 -

5P\_Bourns\_Silver\_Epoxy\_Torq  
ue\_Sensor\_REDACTED



PE14-033

HONDA

1/23/2015

Q8

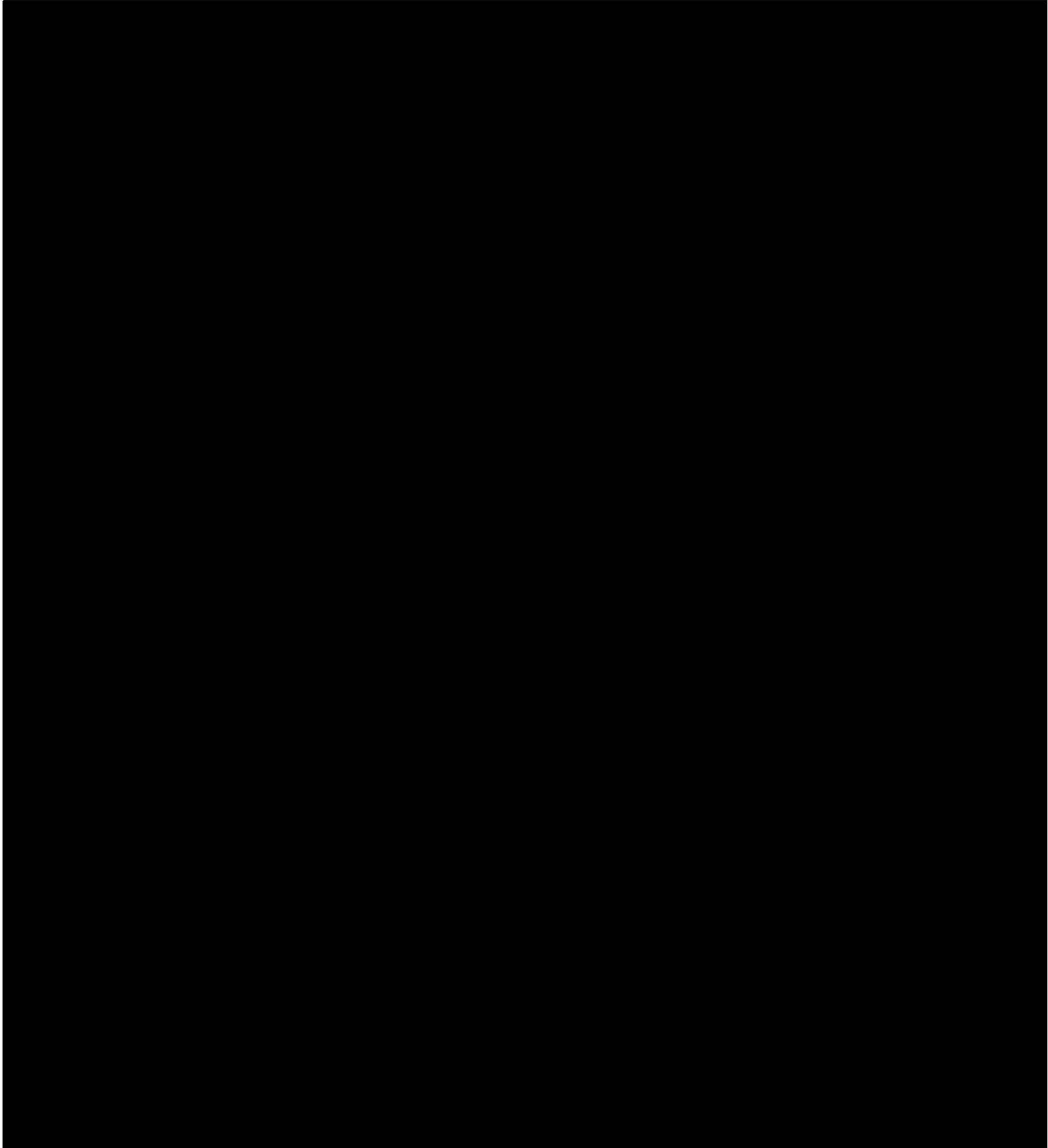
ASIC analysis

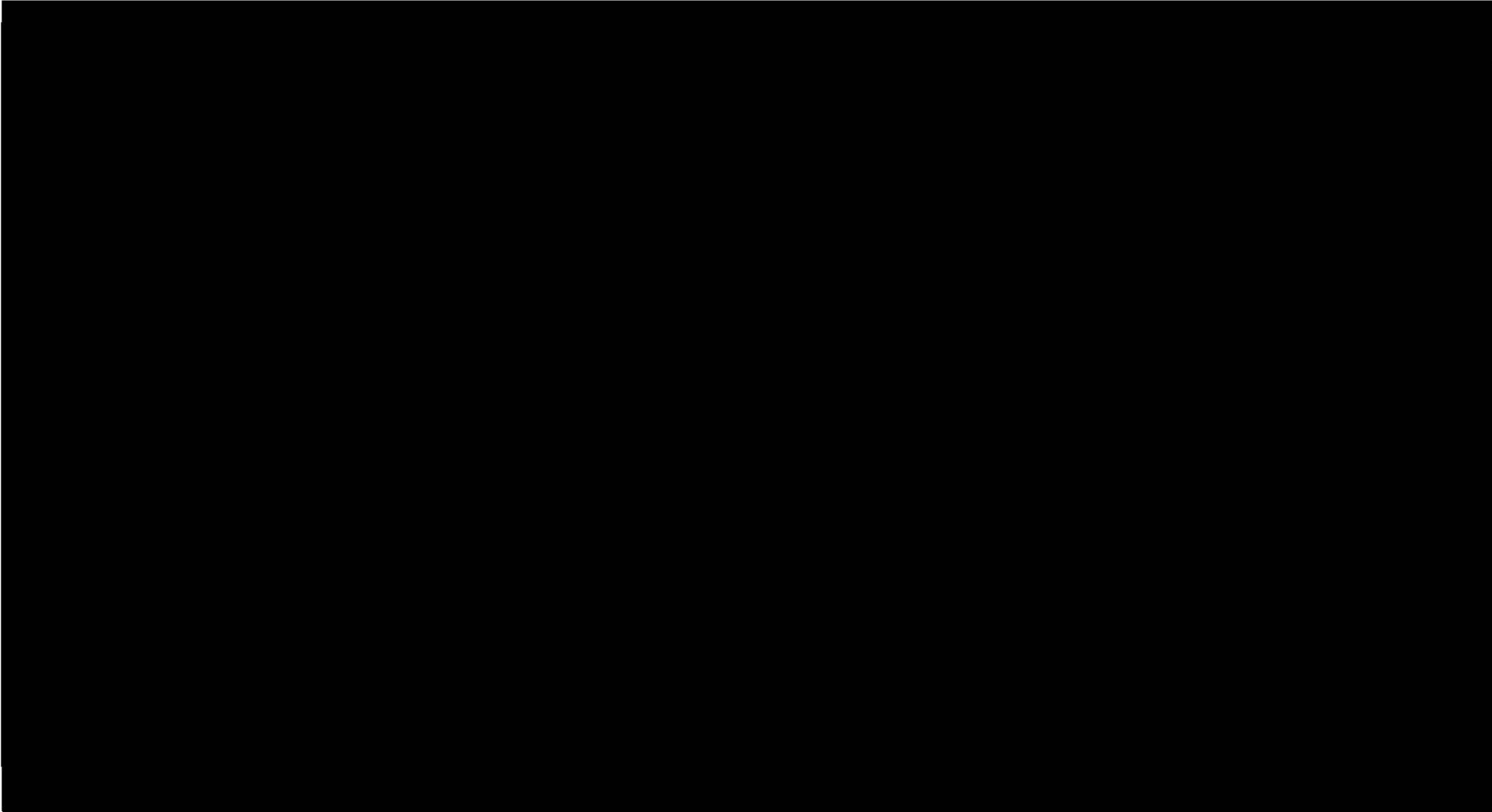
Q8-1 -

5P\_Bourns\_ASIC\_Failure\_RE

DACTED

## 5 Principles for Problem Solving Sheet





PE14-033

HONDA

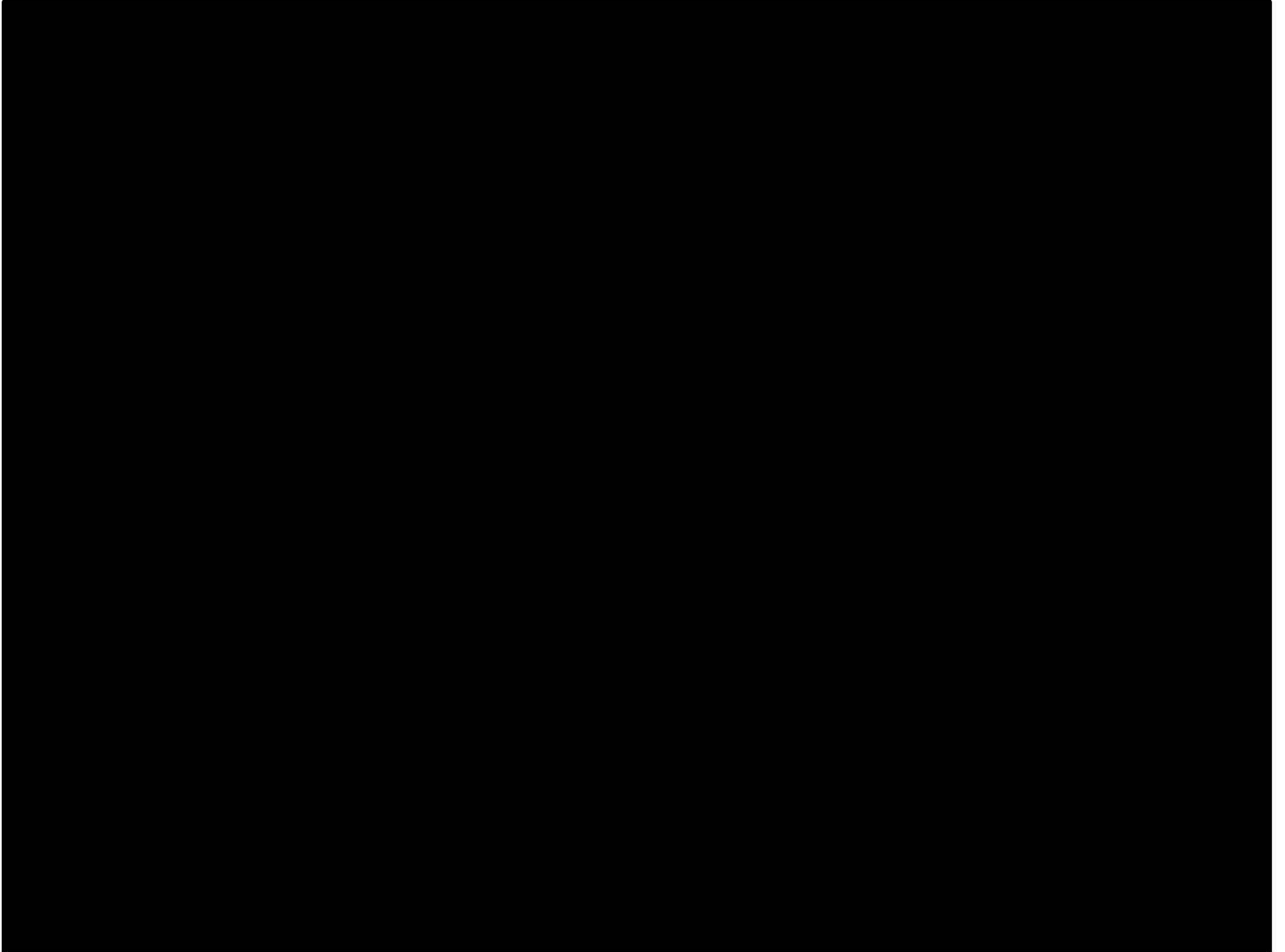
1/23/2015

Q8

ASIC analysis

Q8-1 - Q8-2 - ASIC  
Improvements 6in vs  
8in\_REDACTED

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



PE14-033

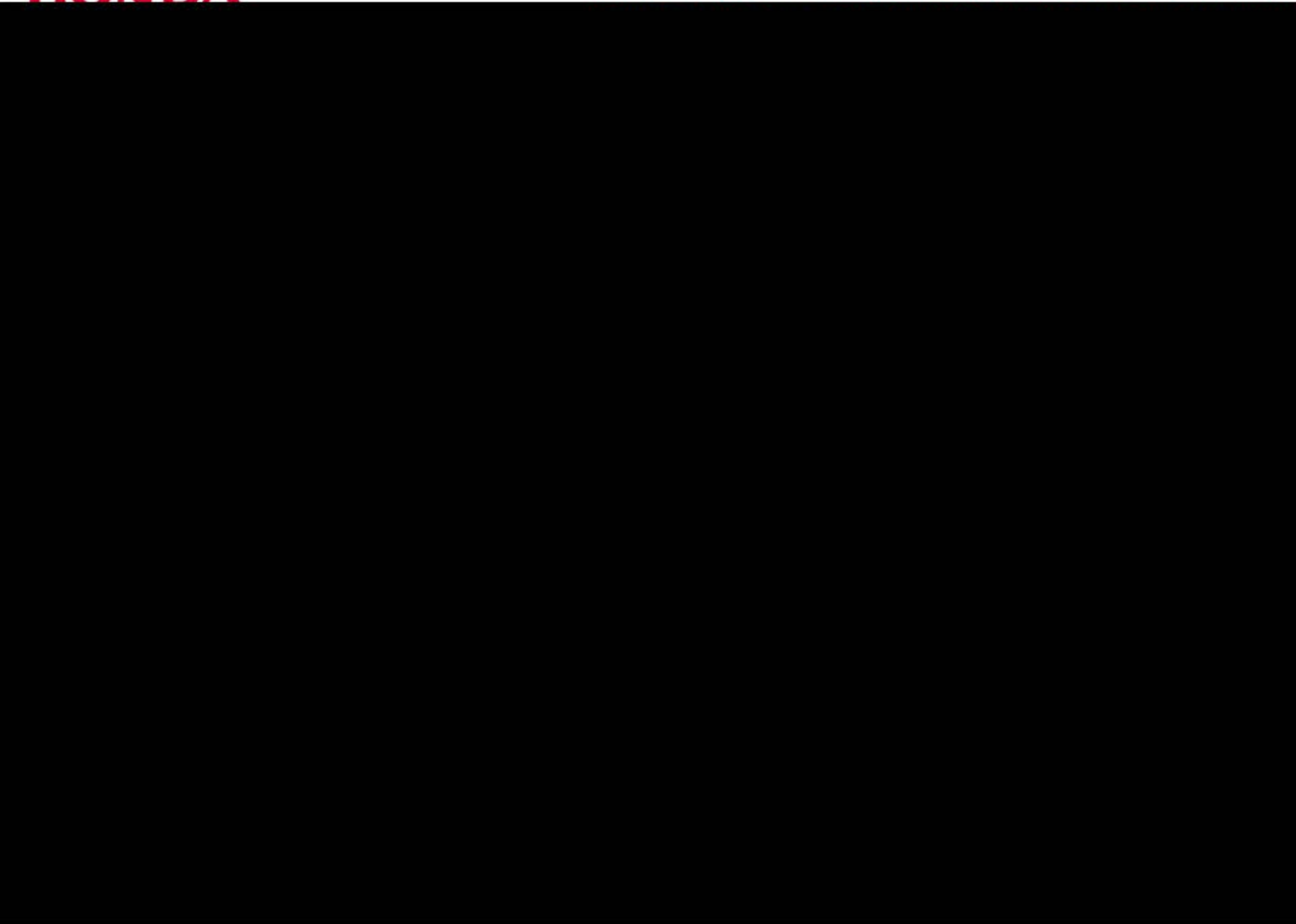
HONDA

1/23/2015

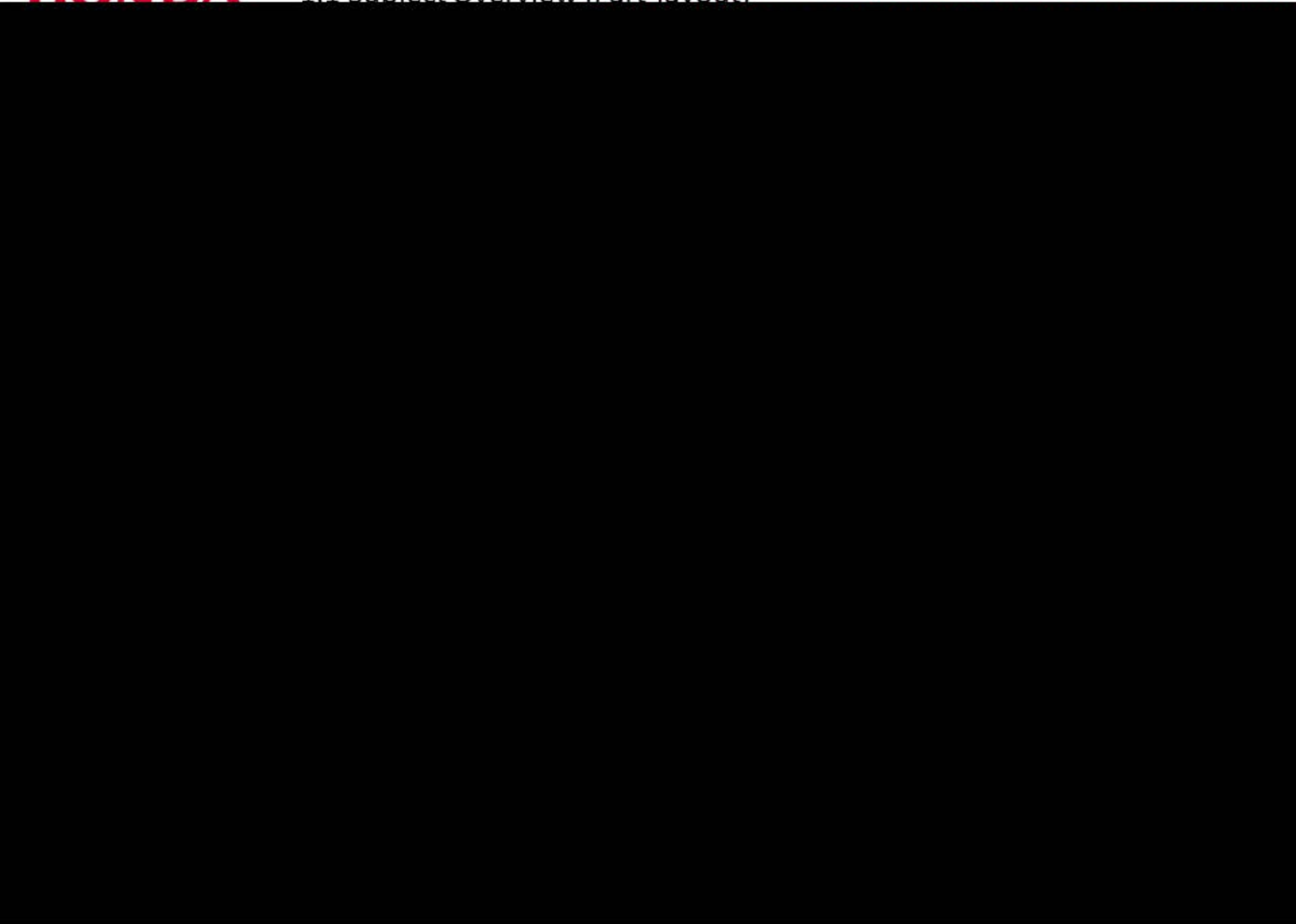
Q8

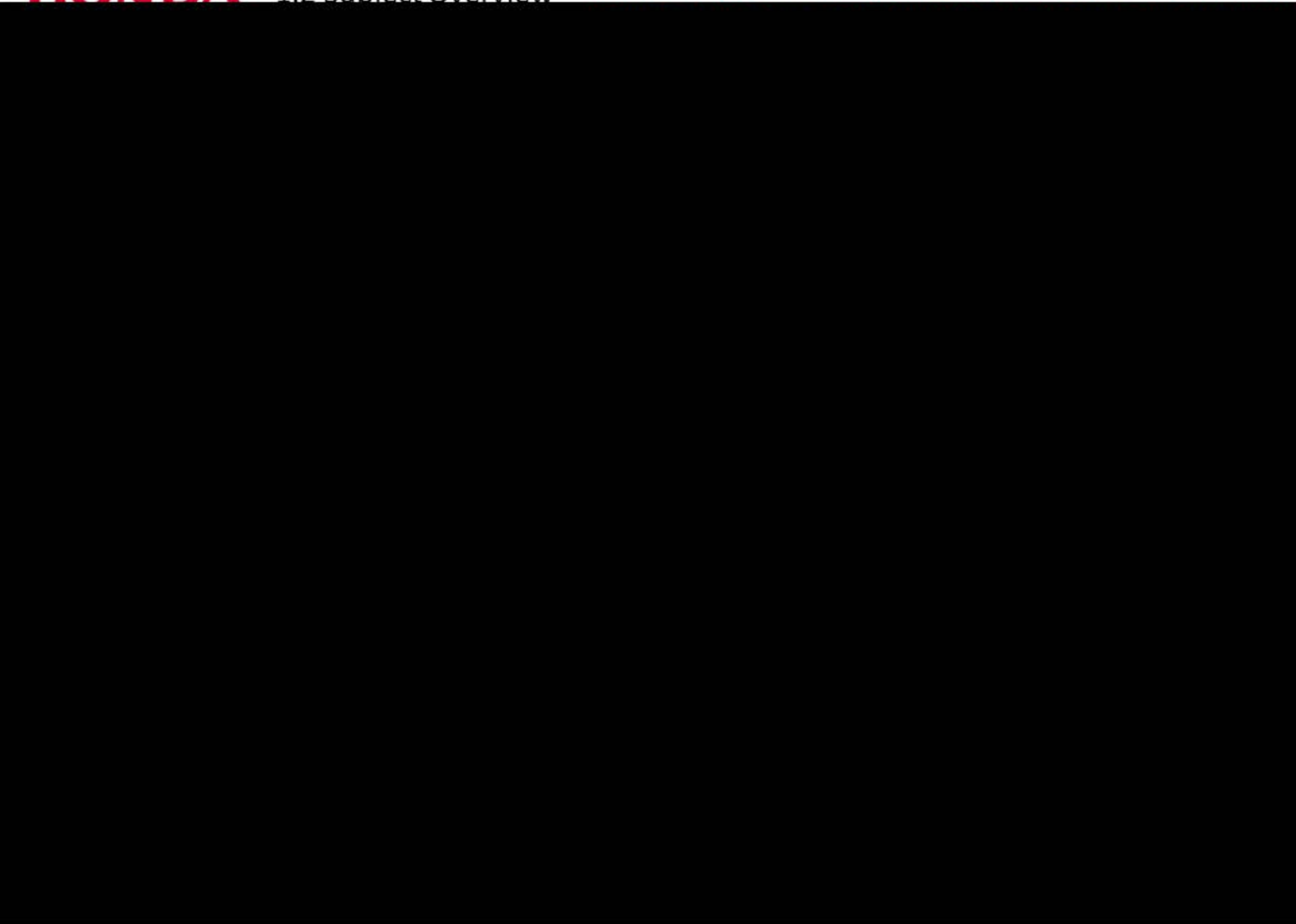
Q8-0 - Gearbox DTC 53 MQ  
update to AHM\_REDACTED

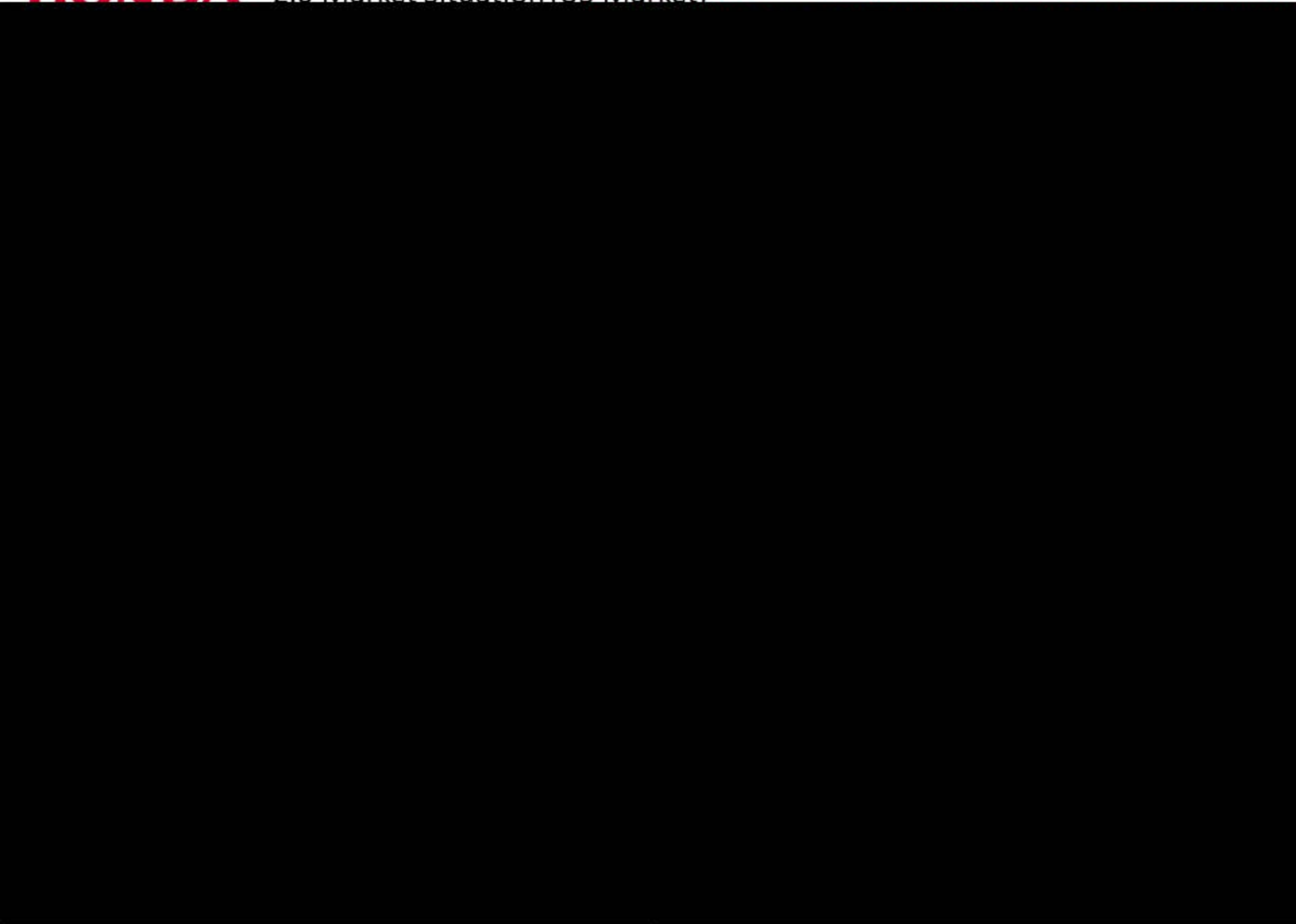


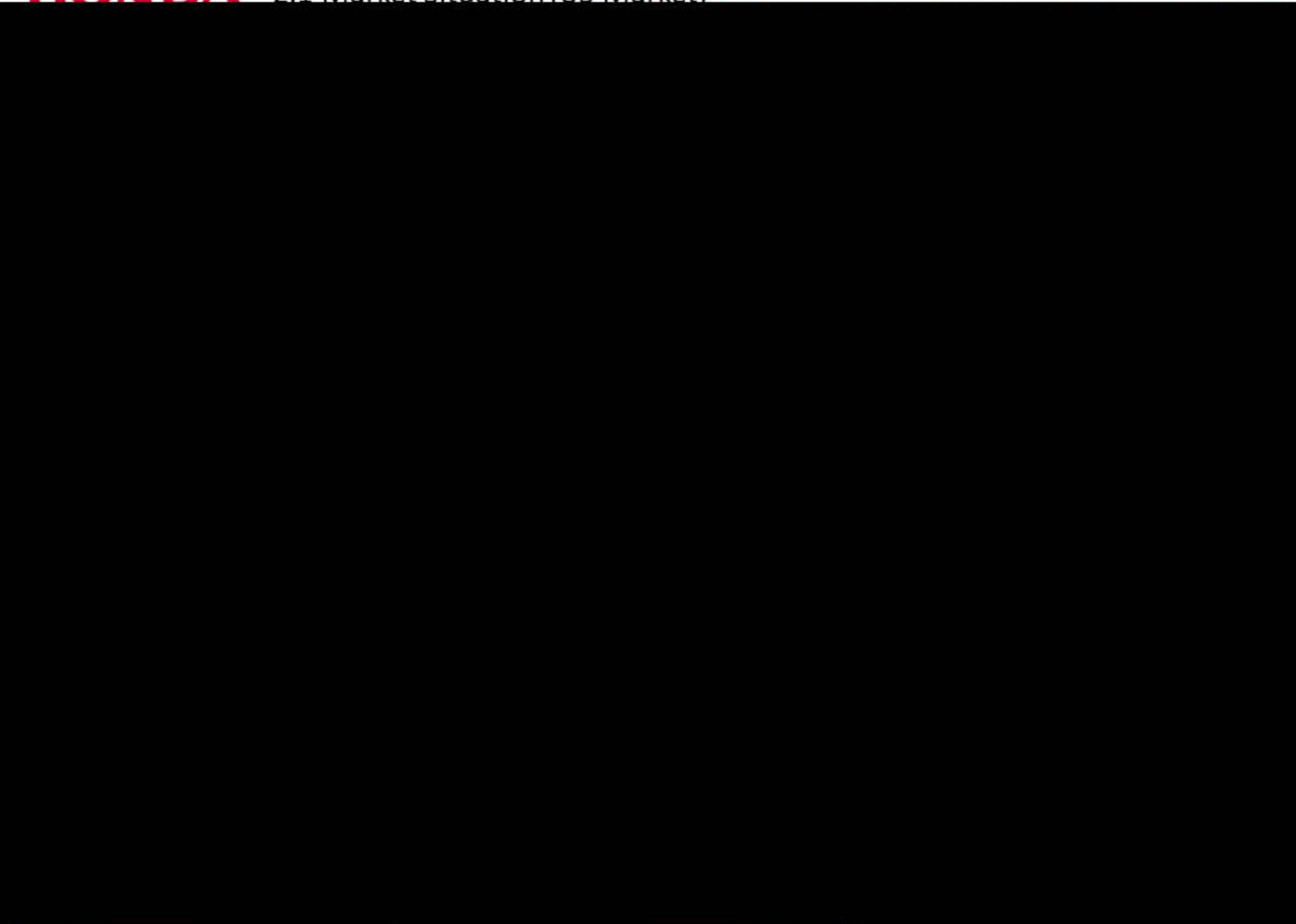












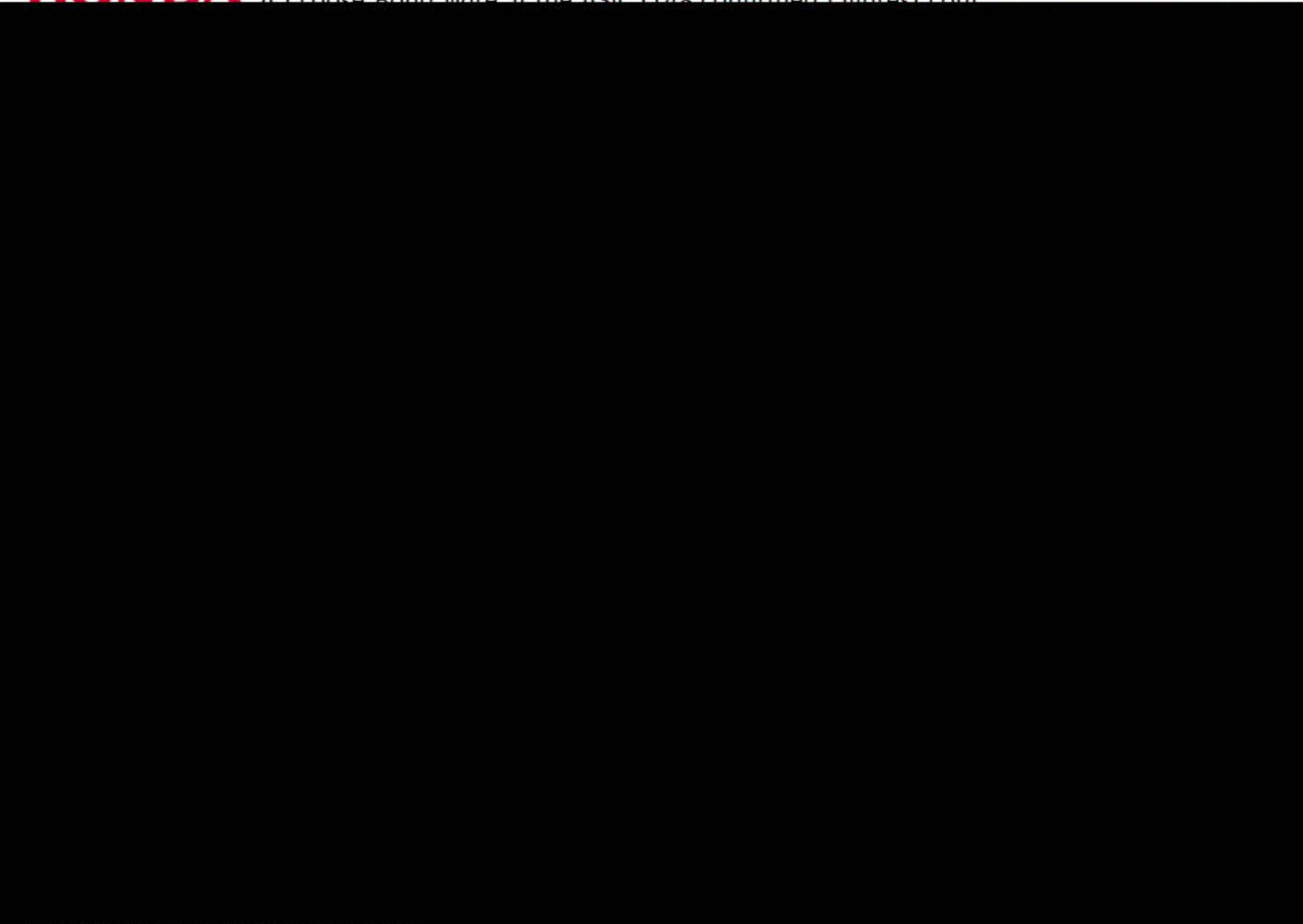


**HONDA**

A.) Loose Bond Wire at the ASIC (148 confirmed failures)

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

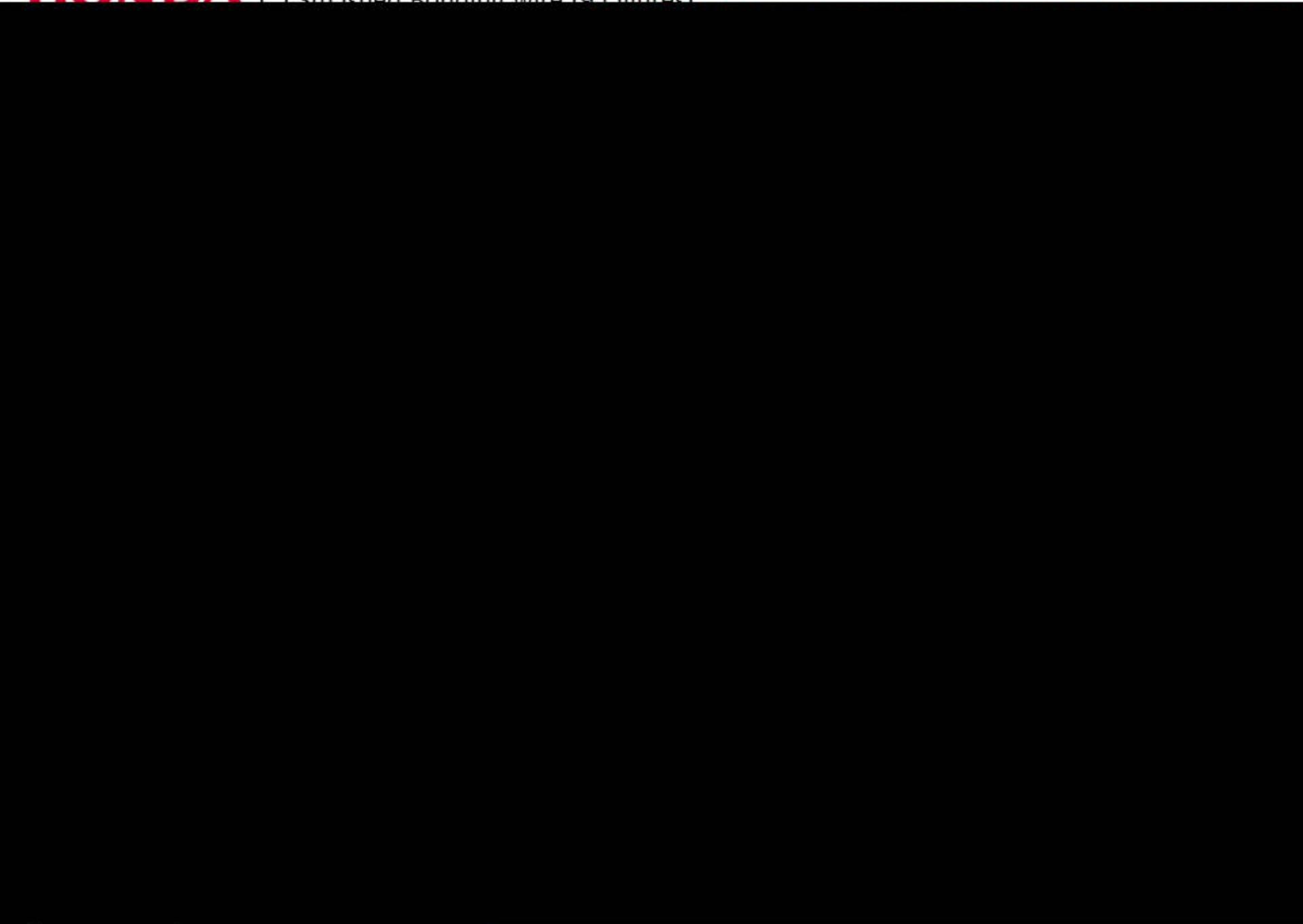


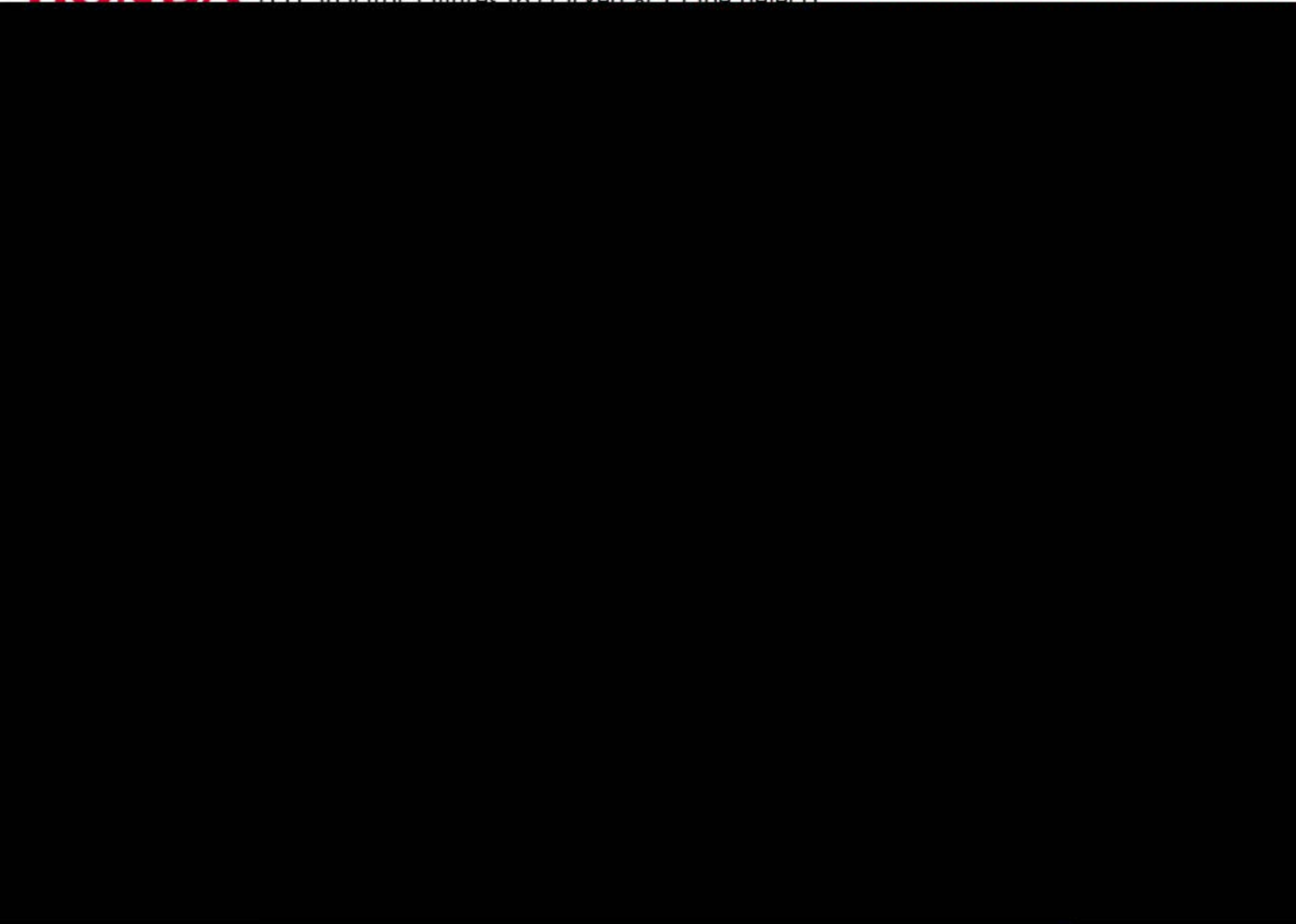


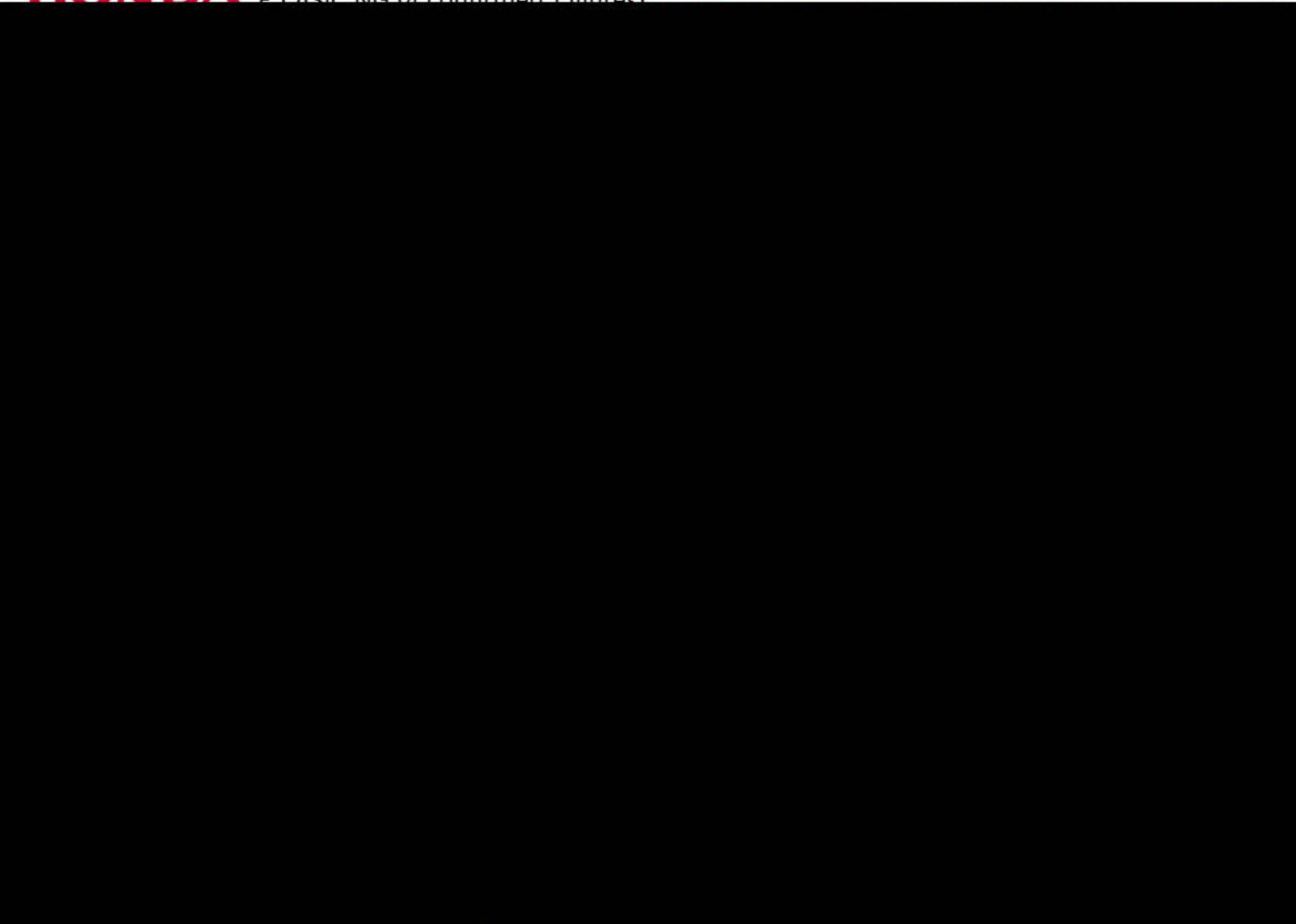
**HONDA**

B.) MB Failure (46 confirmed failures)

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION







**HONDA**

5) Enemy ex letter (4 failures) 8

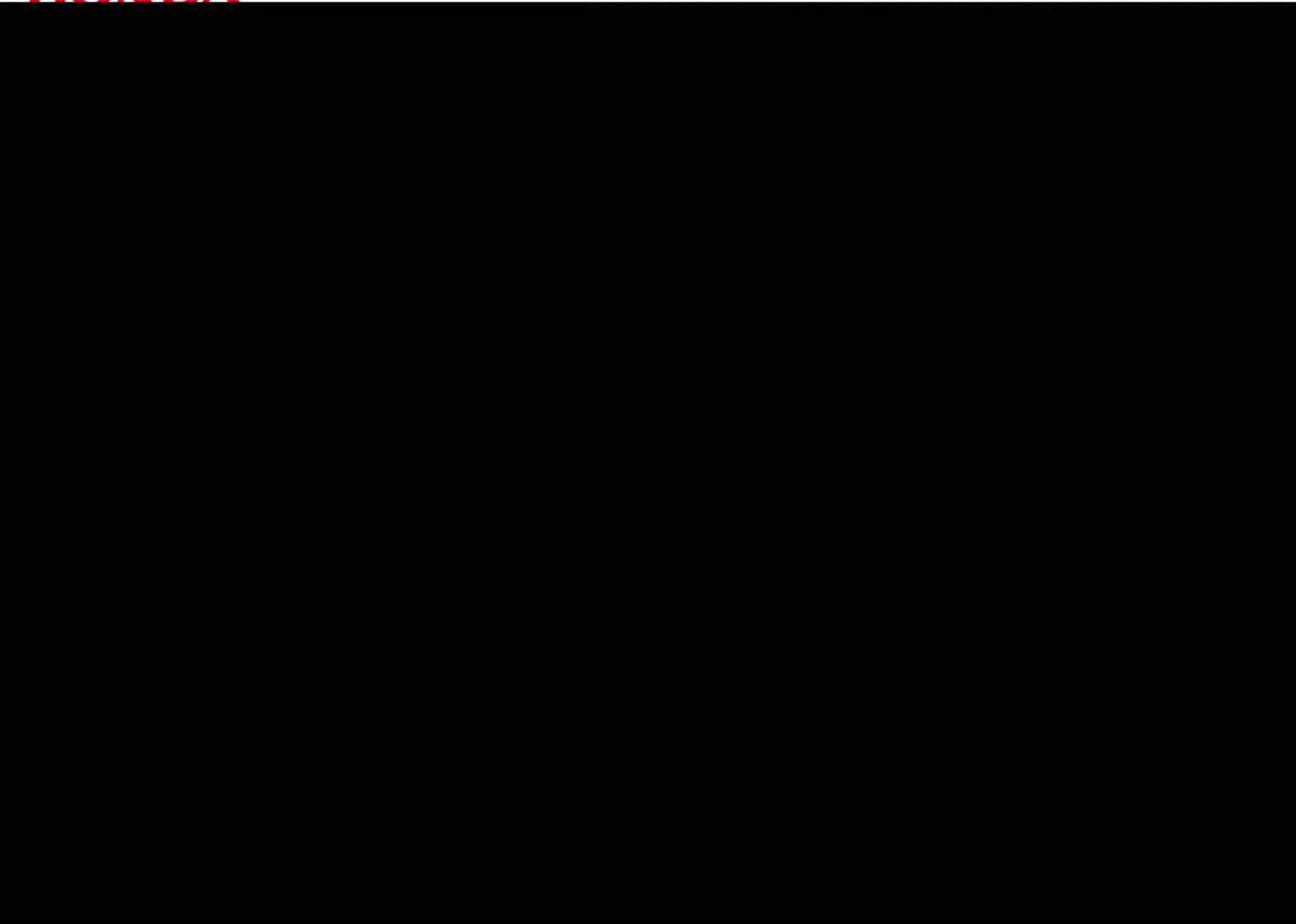
C) FOC (1)

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

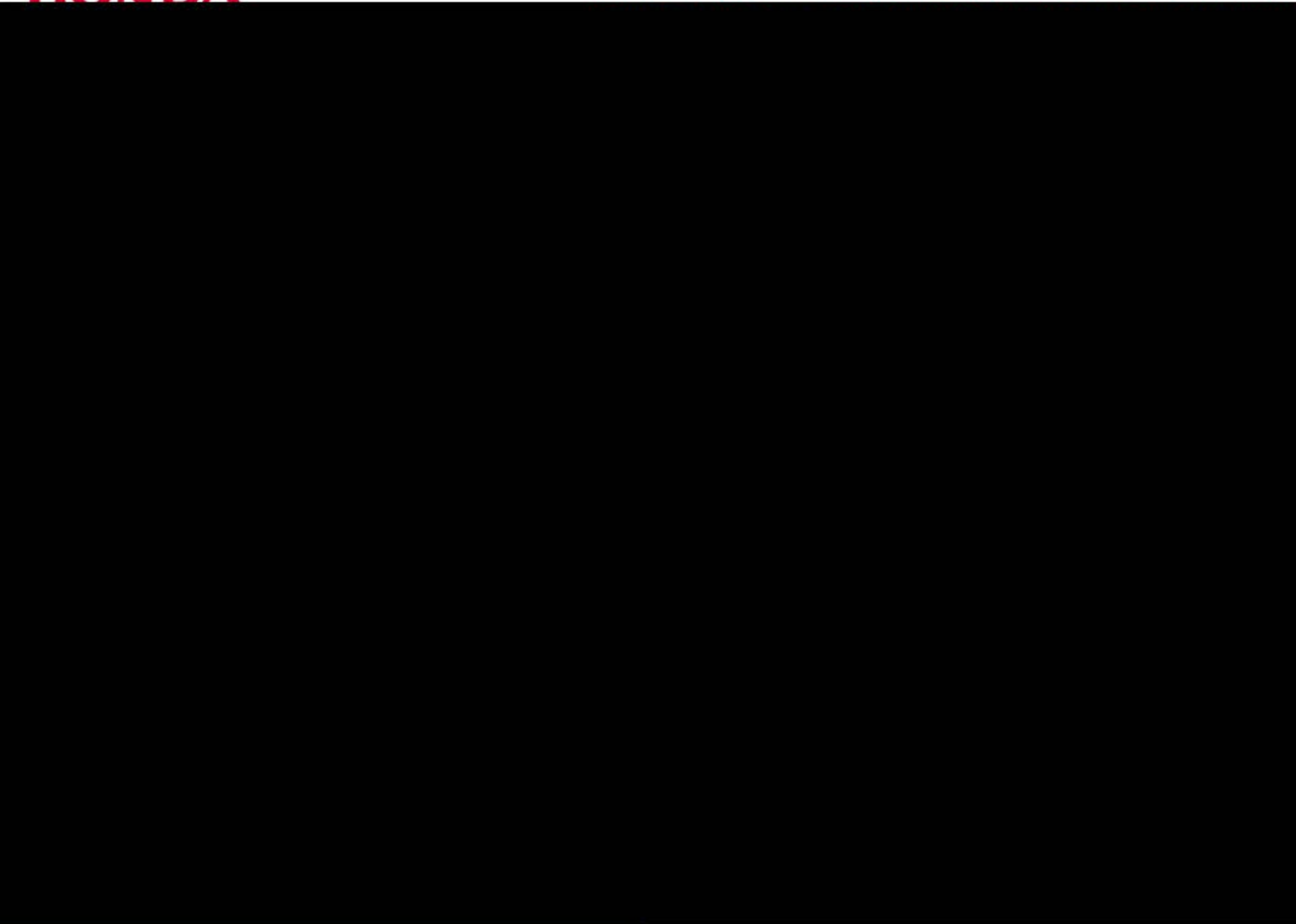
**HONDA**

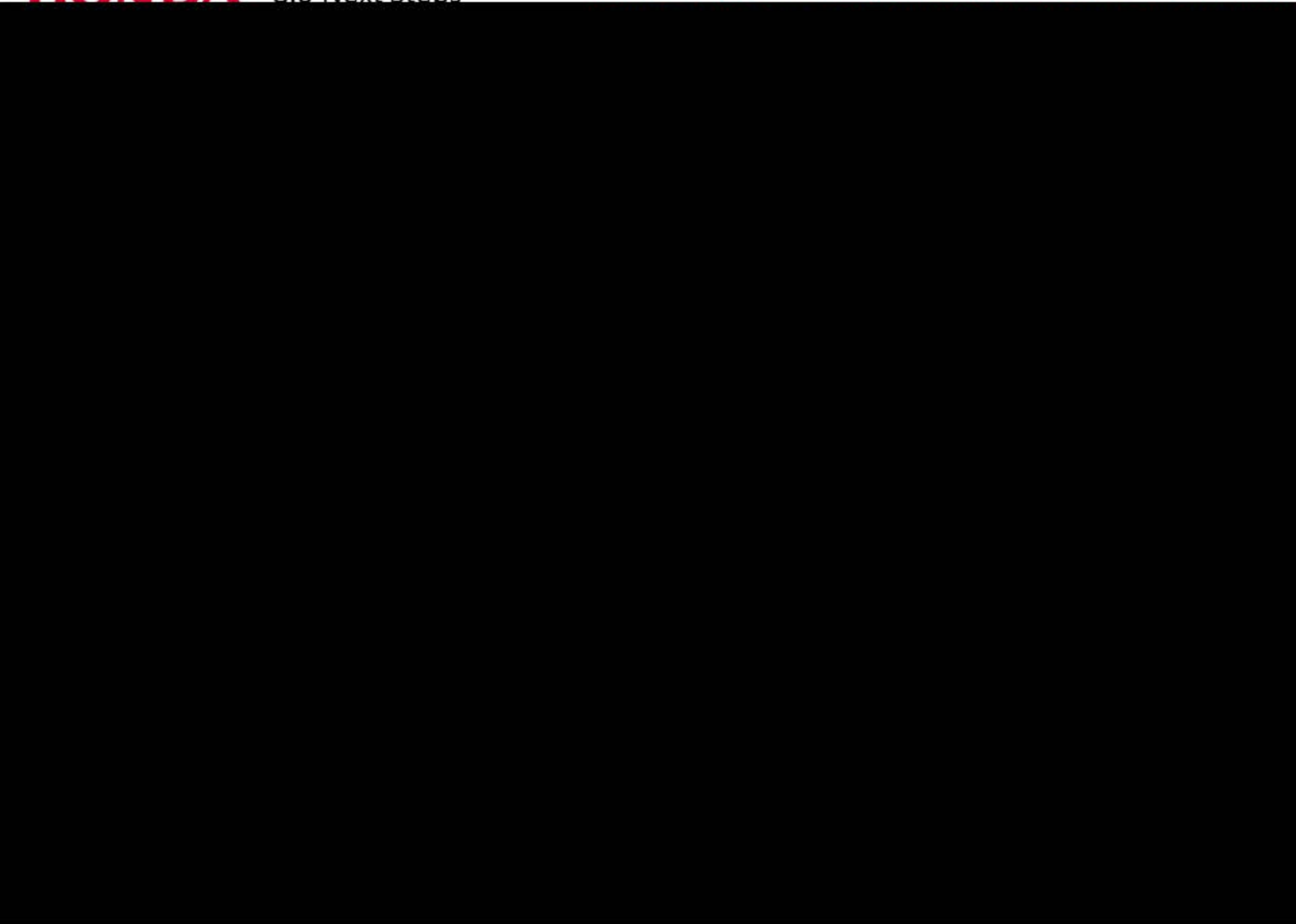
H.) Clock spring cable conductive line detached (1 failure)

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION









PE14-033

HONDA

1/23/2015

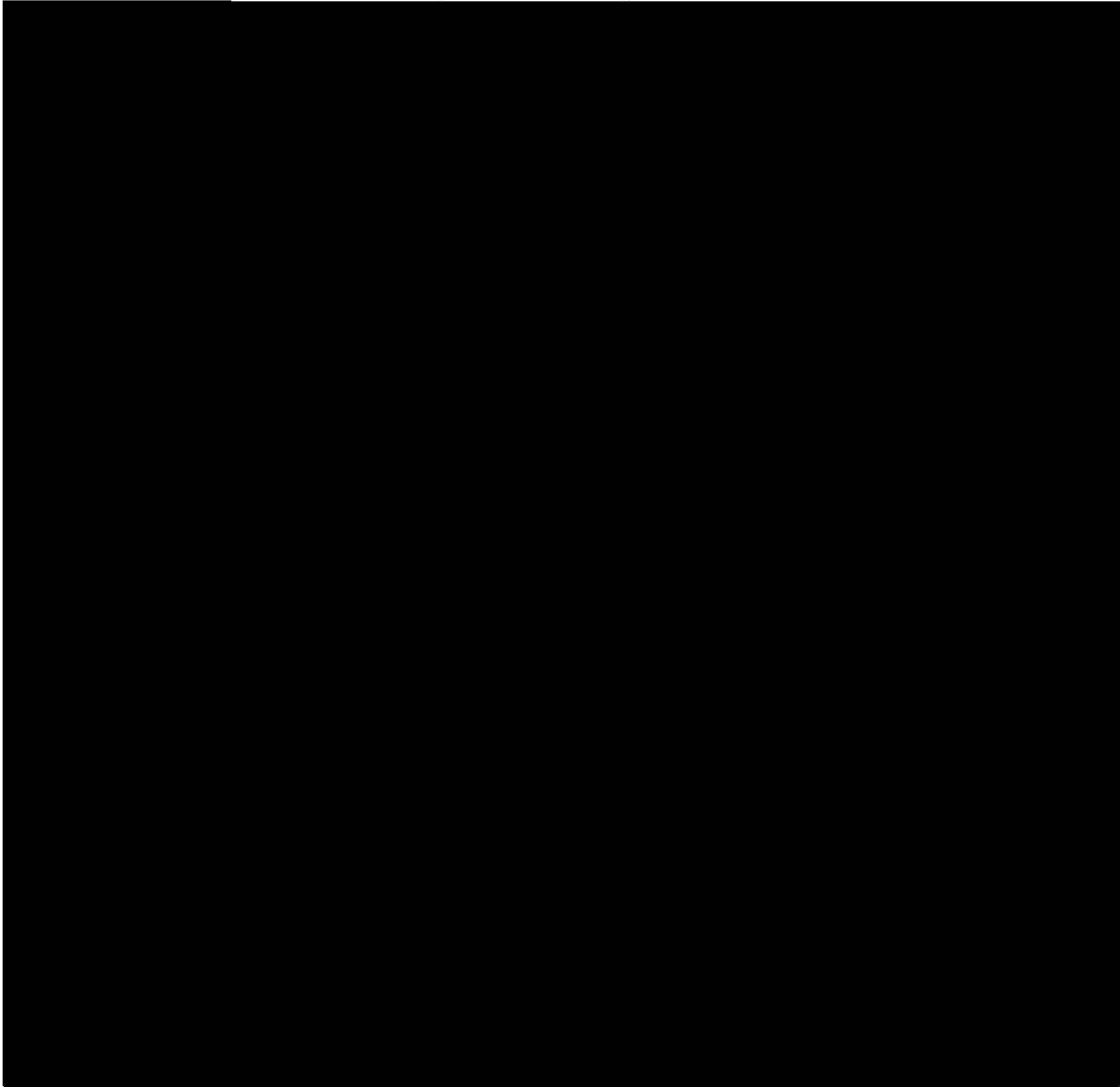
Q8

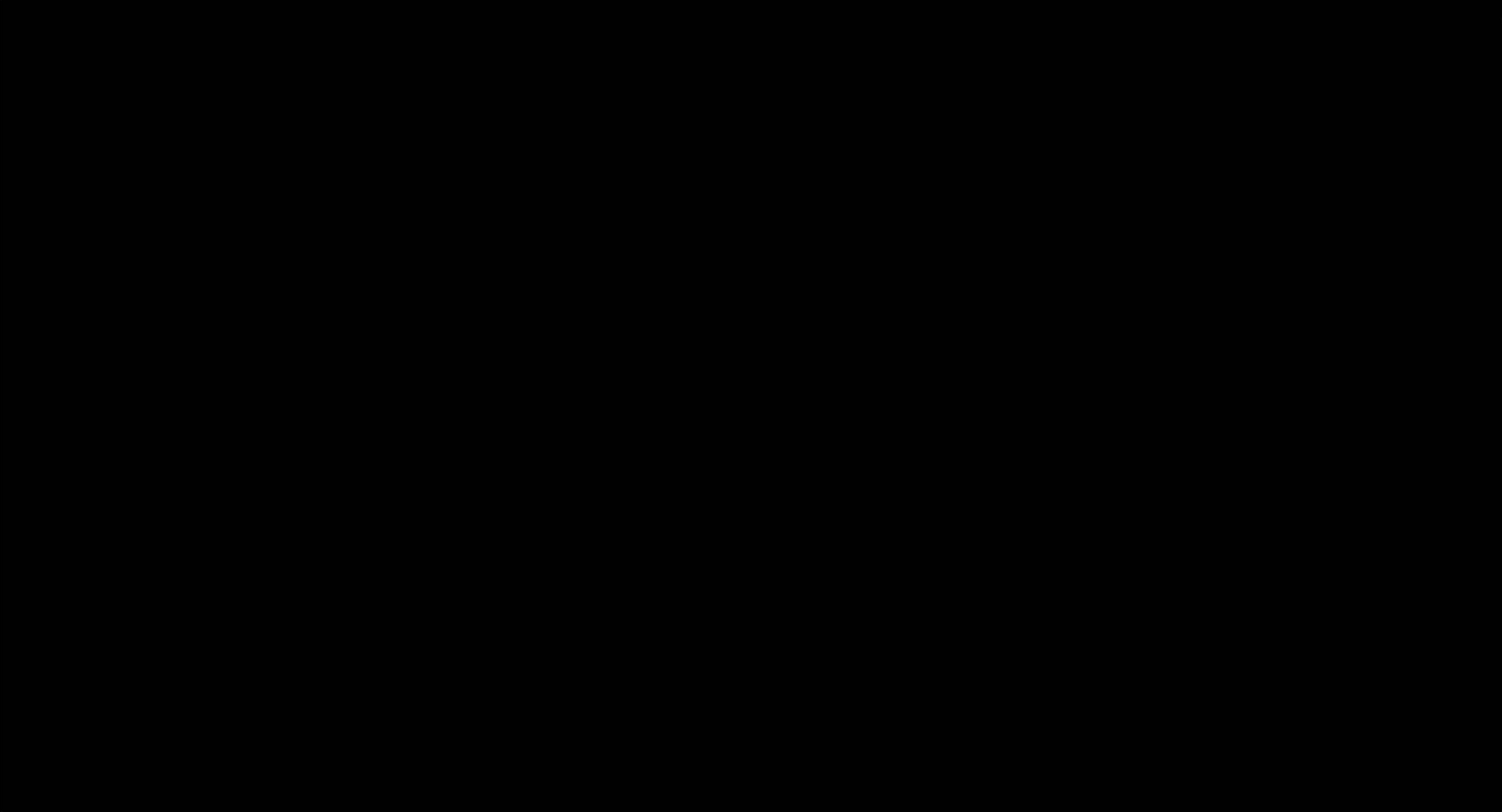
Capacitor

Q8-3 -

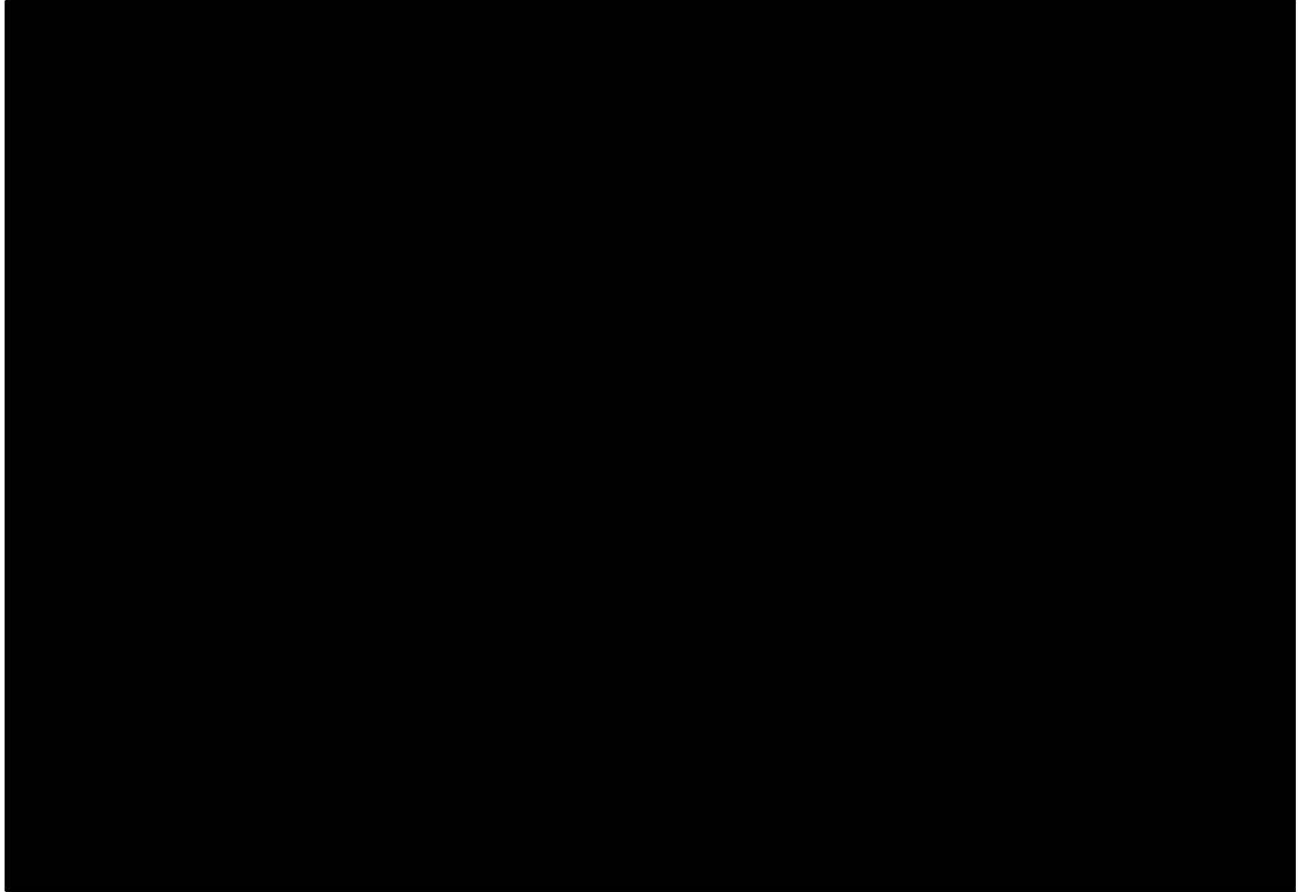
5P\_Bourns\_Capacitor\_Internal\_  
Crack\_REDACTED

## 5 Principles for Problem Solving Sheet

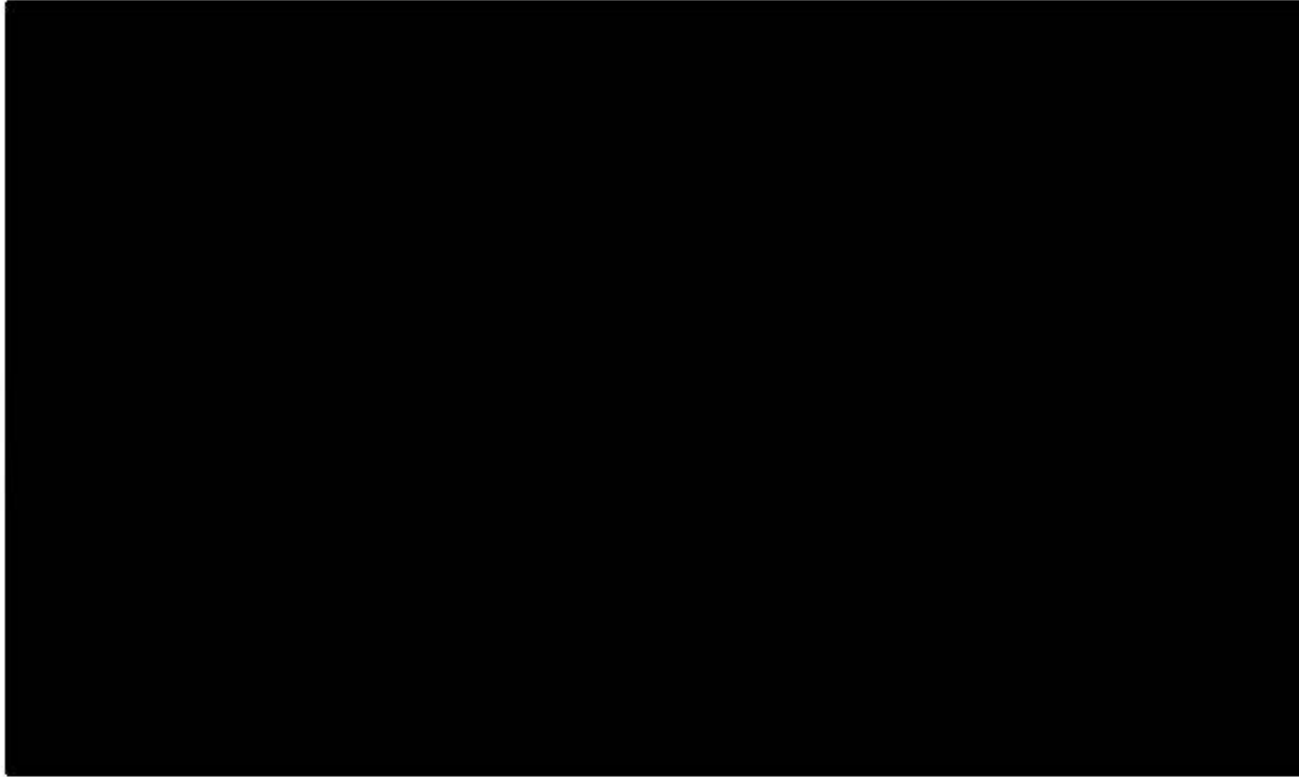




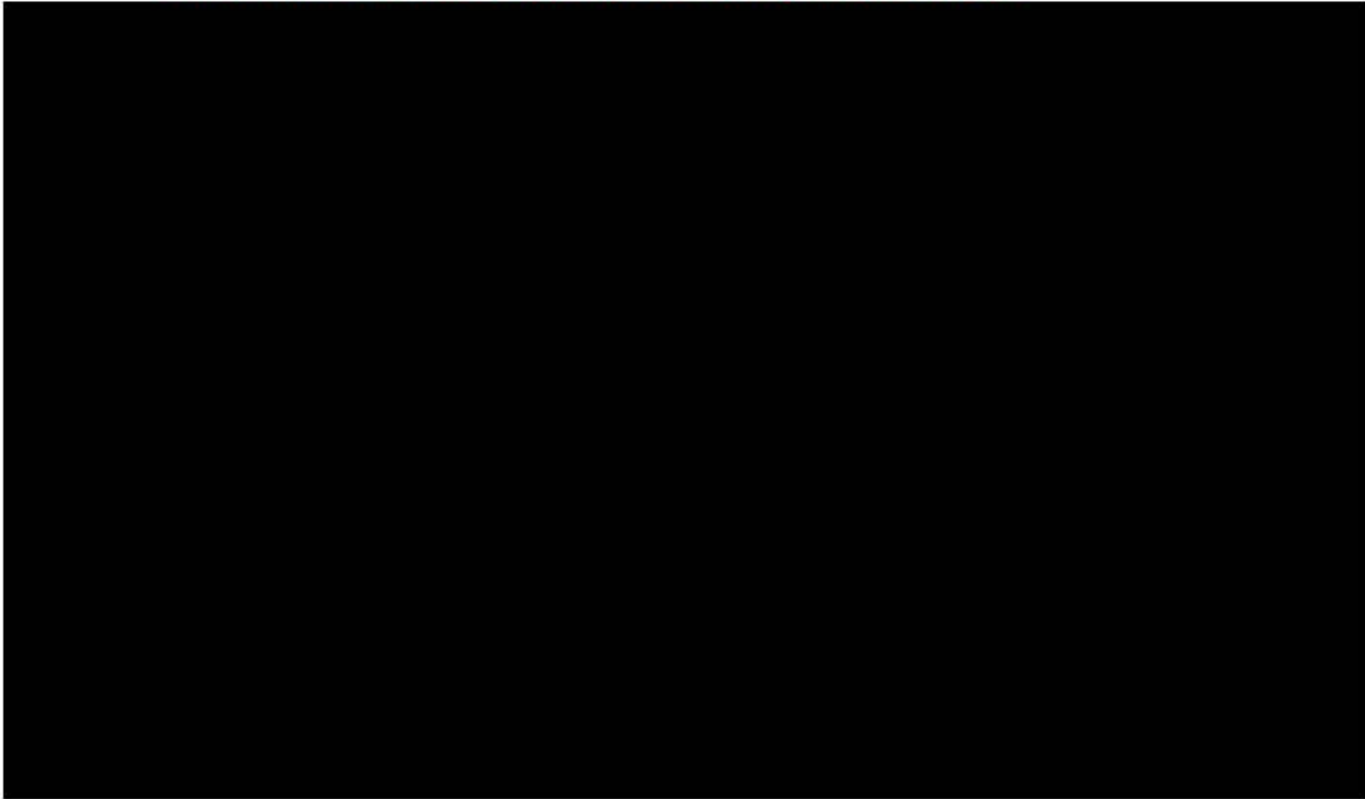
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

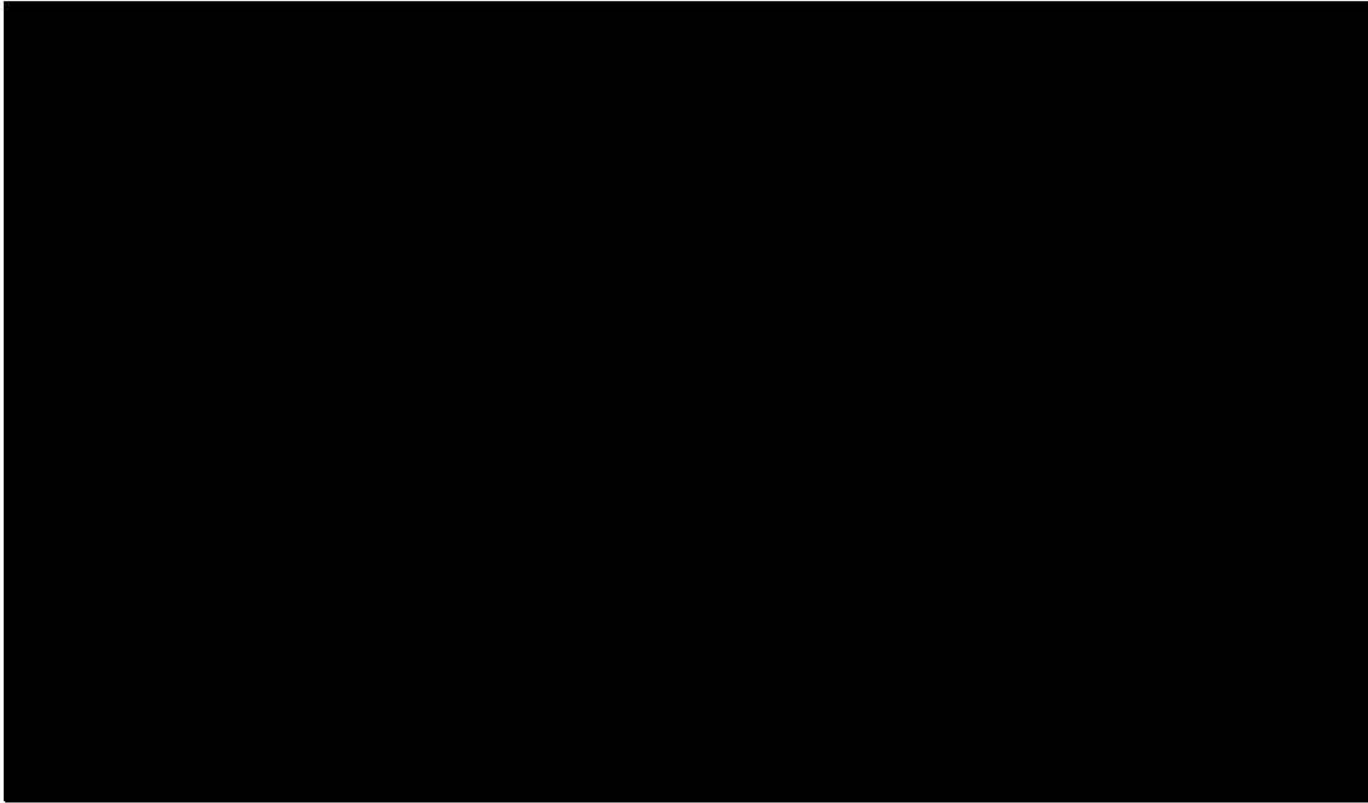


ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

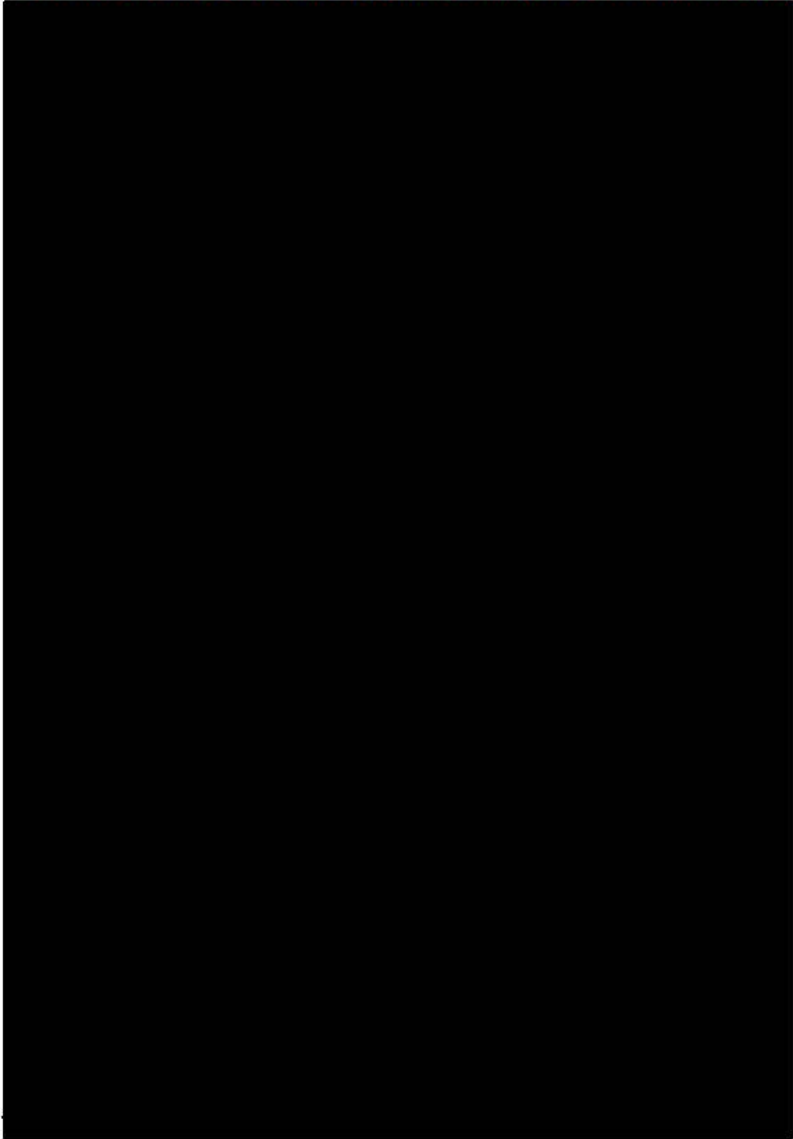




ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



PE14-033

HONDA

1/23/2015

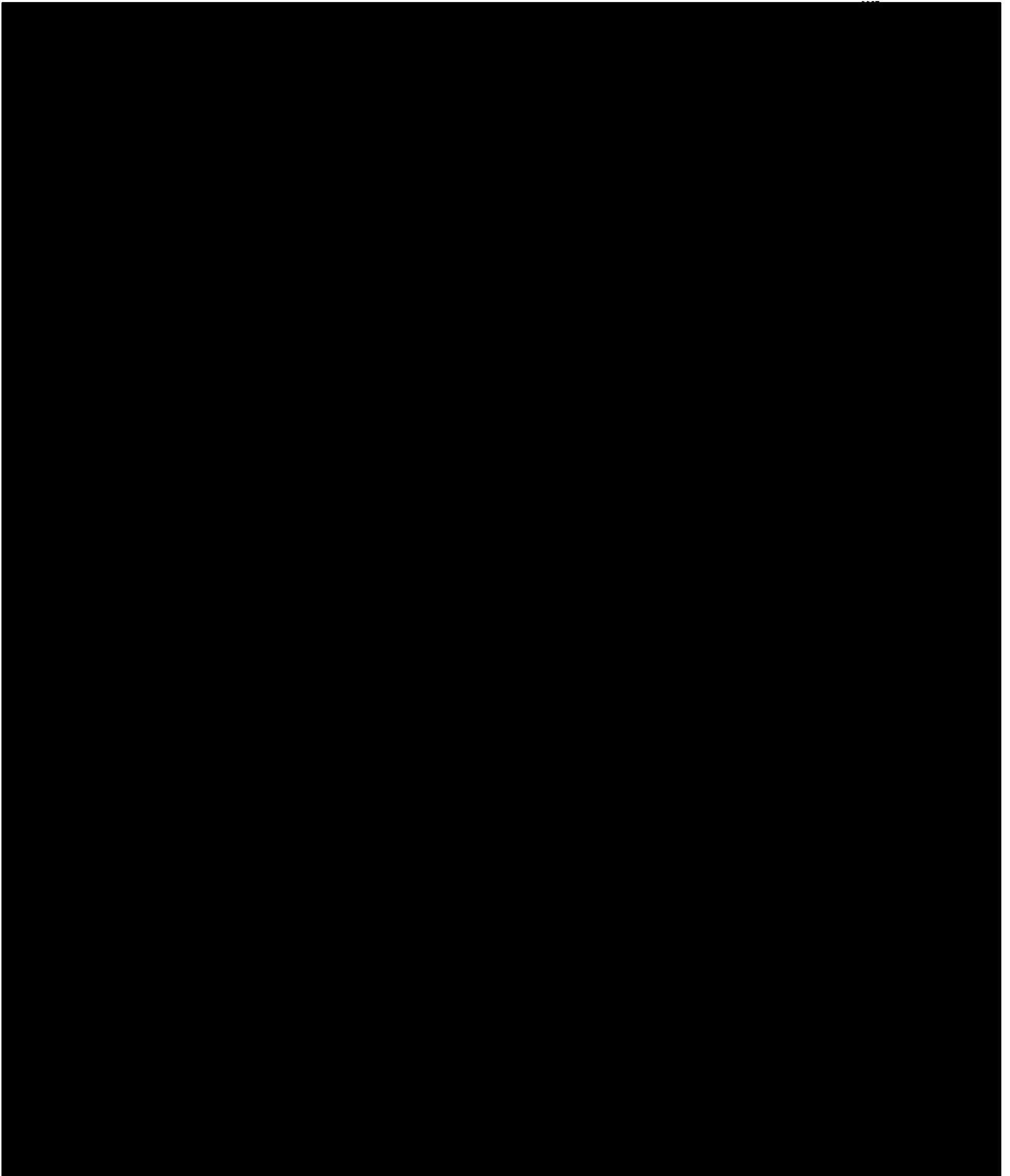
Q8

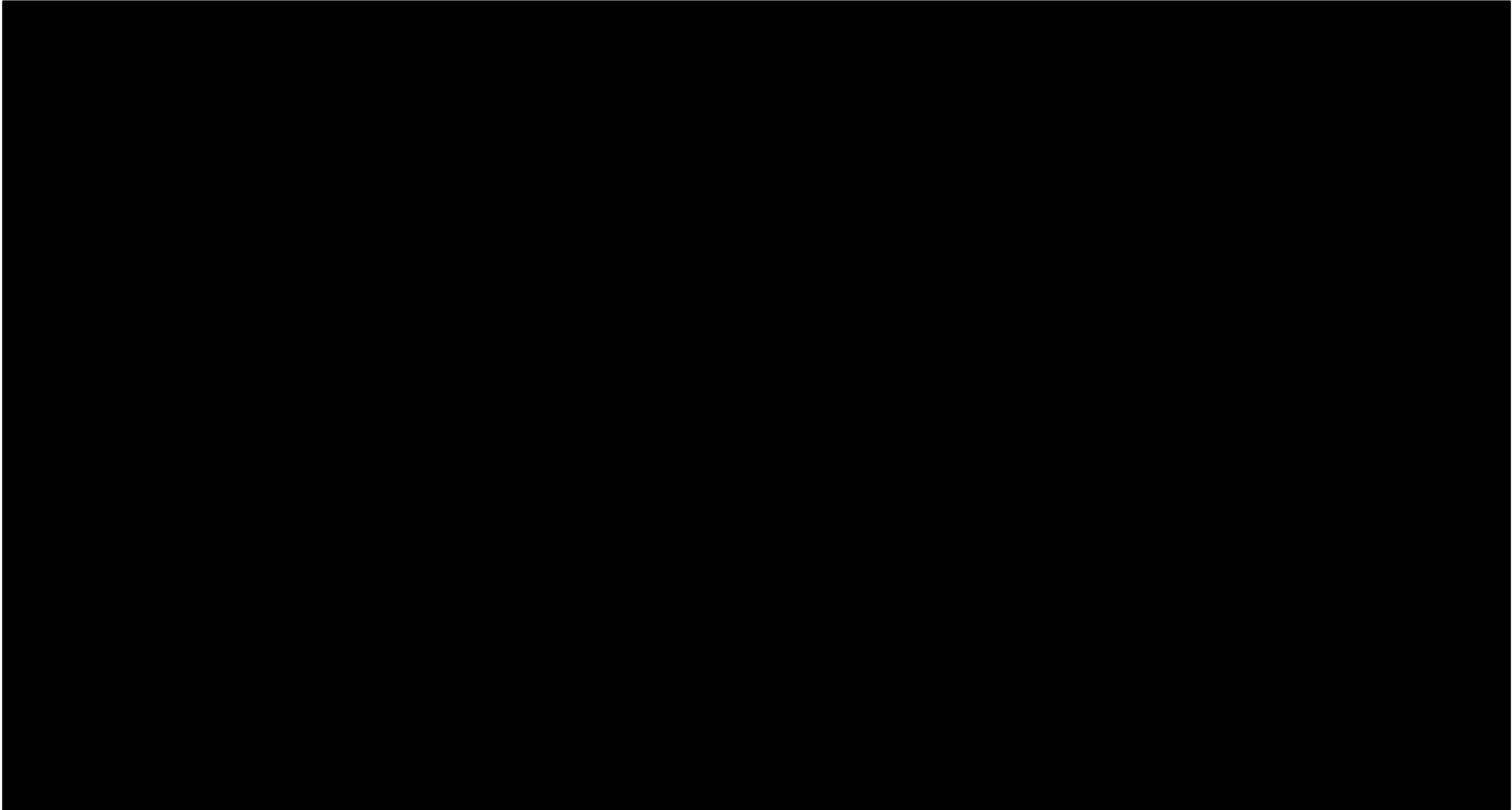
Capacitor

Q8-4 -

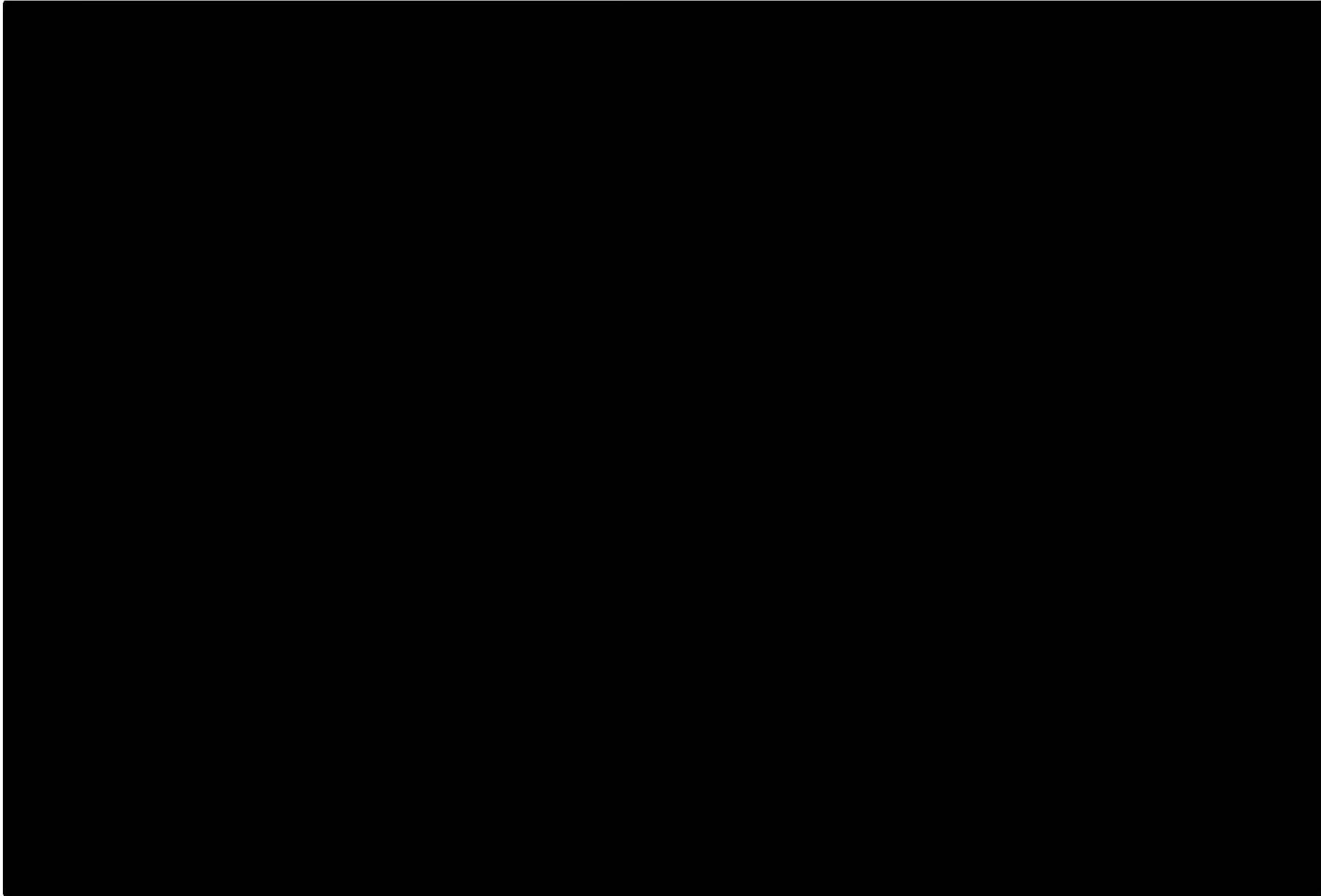
5P\_Bourns\_Capacitor\_Torque\_  
Sensor\_REDACTED

## 5 Principles for Problem Solving Sheet

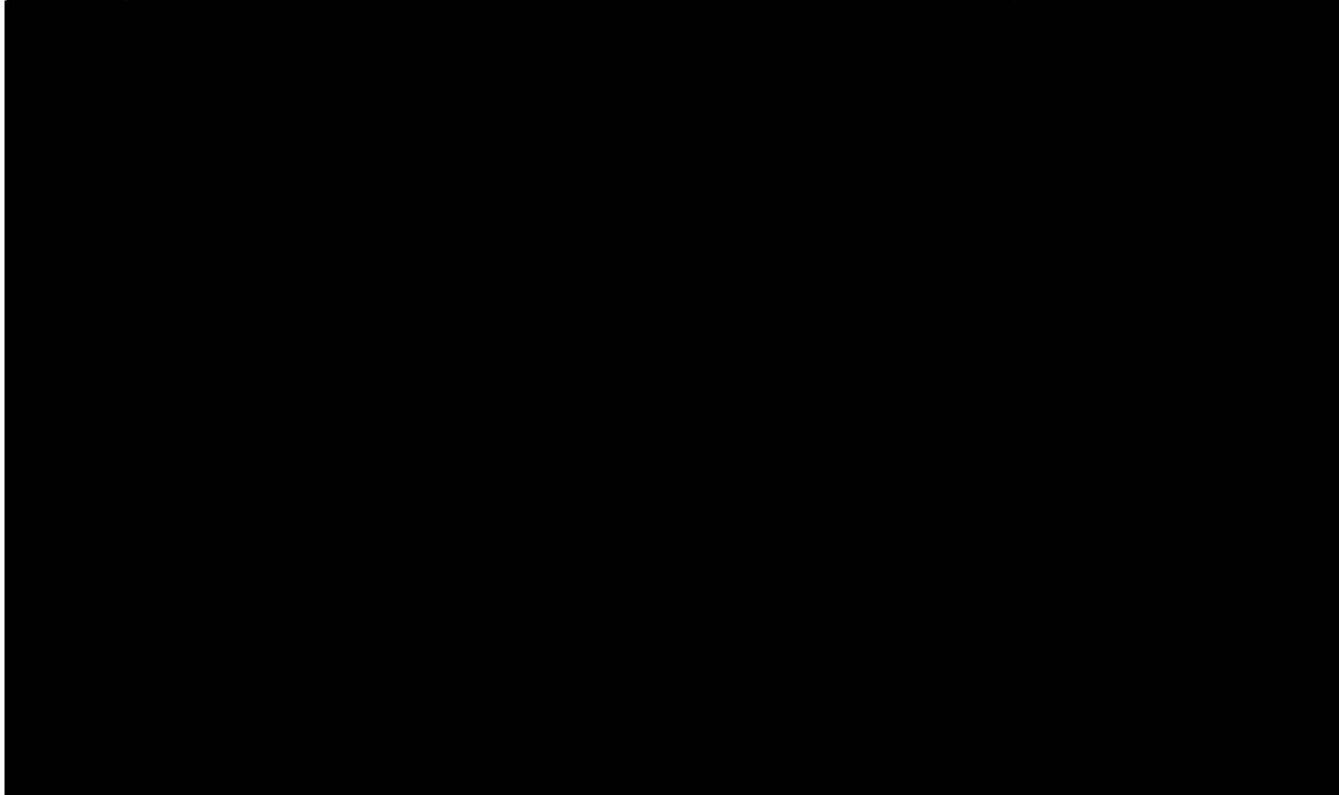




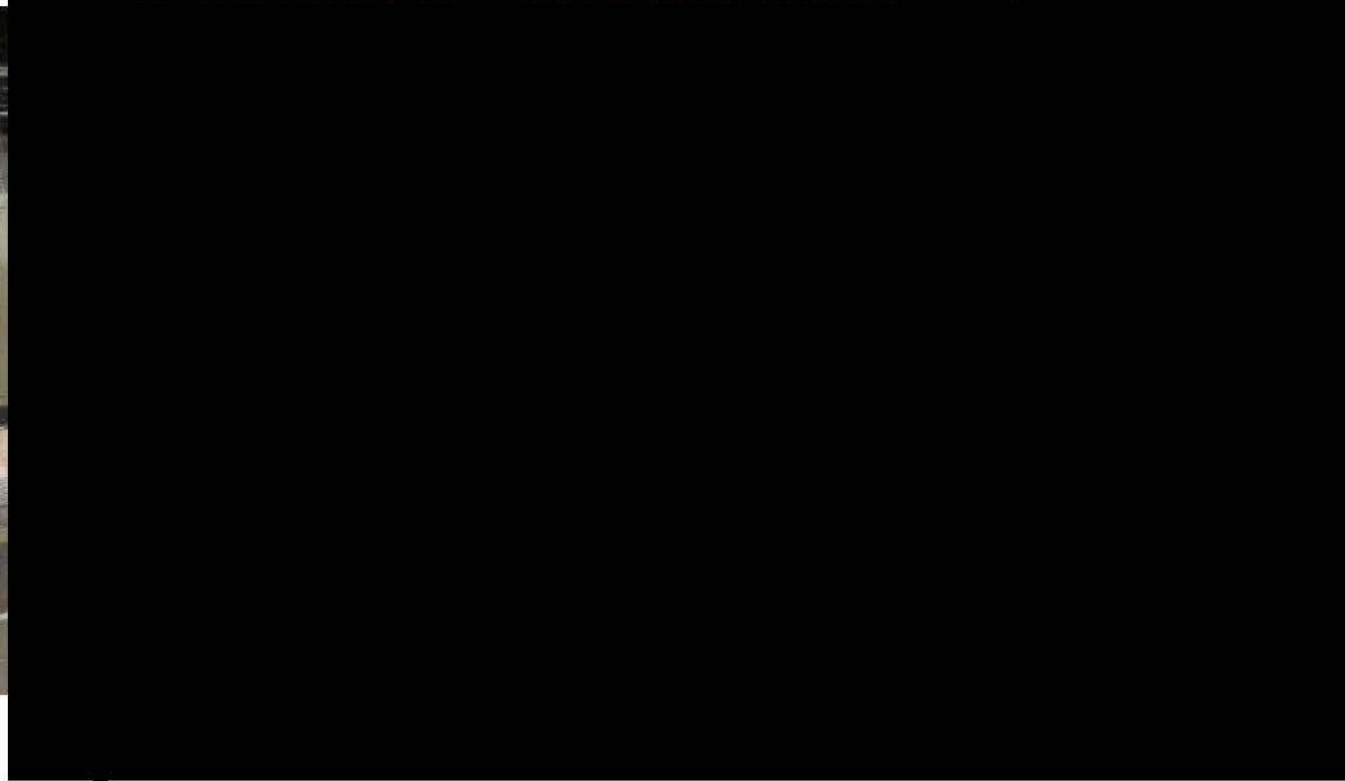
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

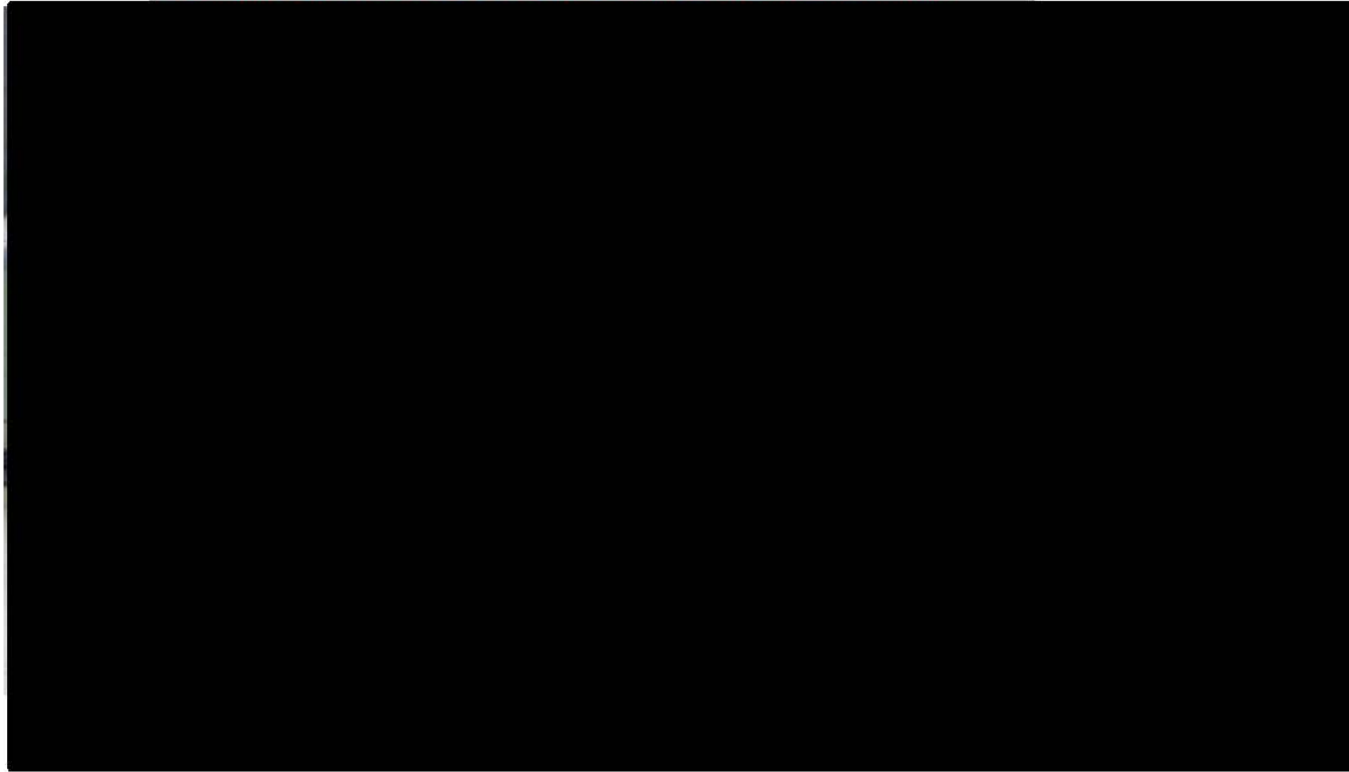




ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



PE14-033

HONDA

1/23/2015

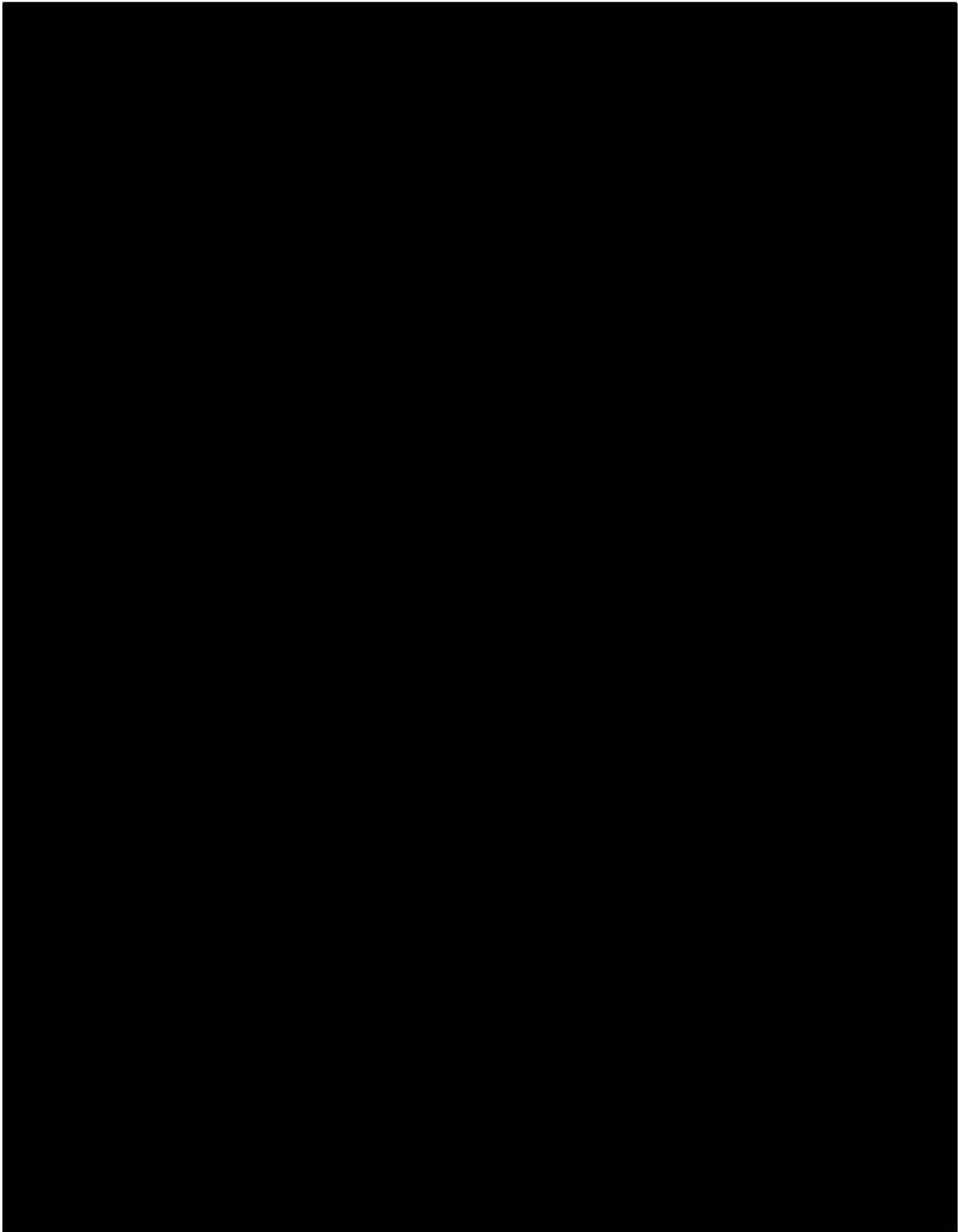
Q8

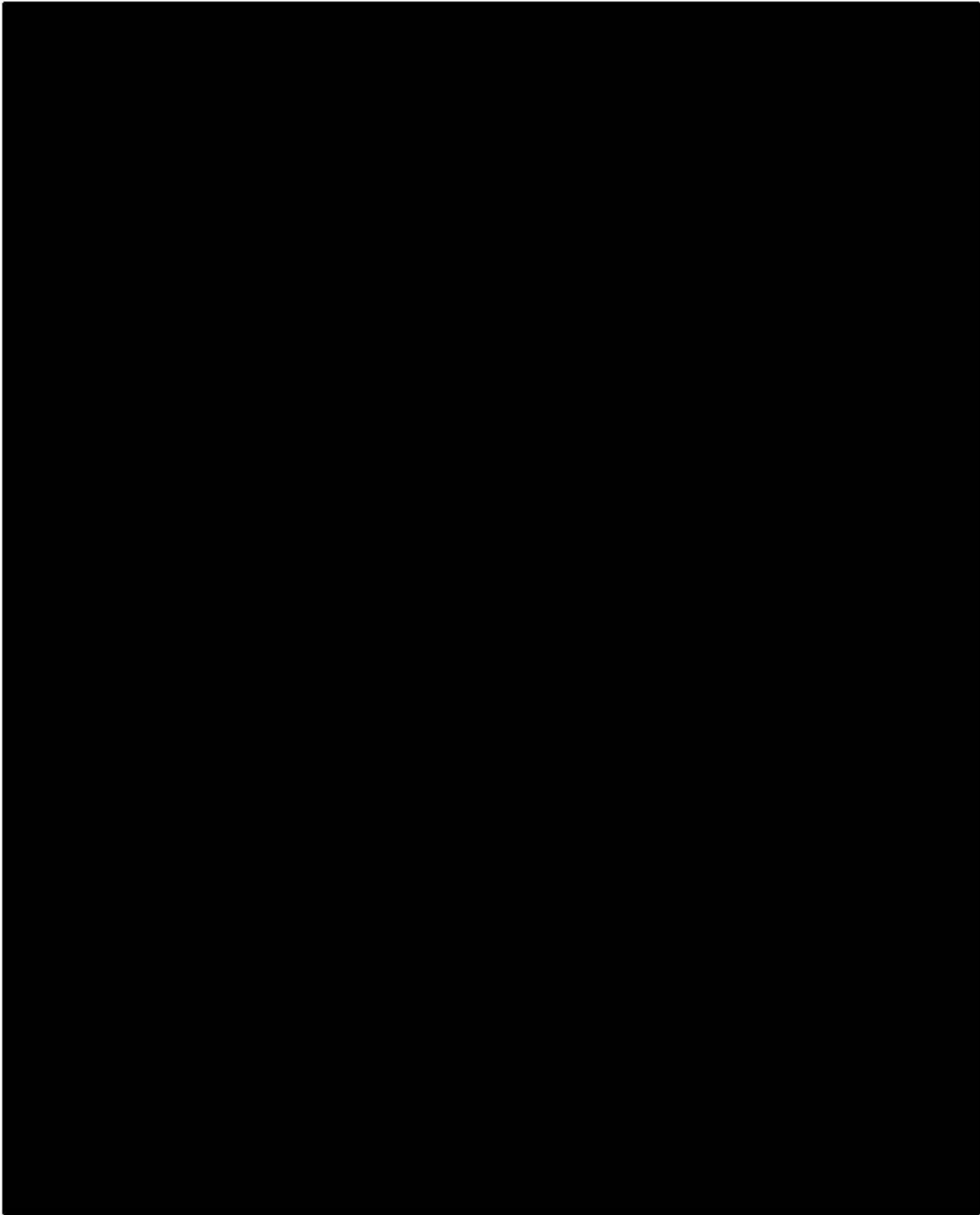
Capacitor

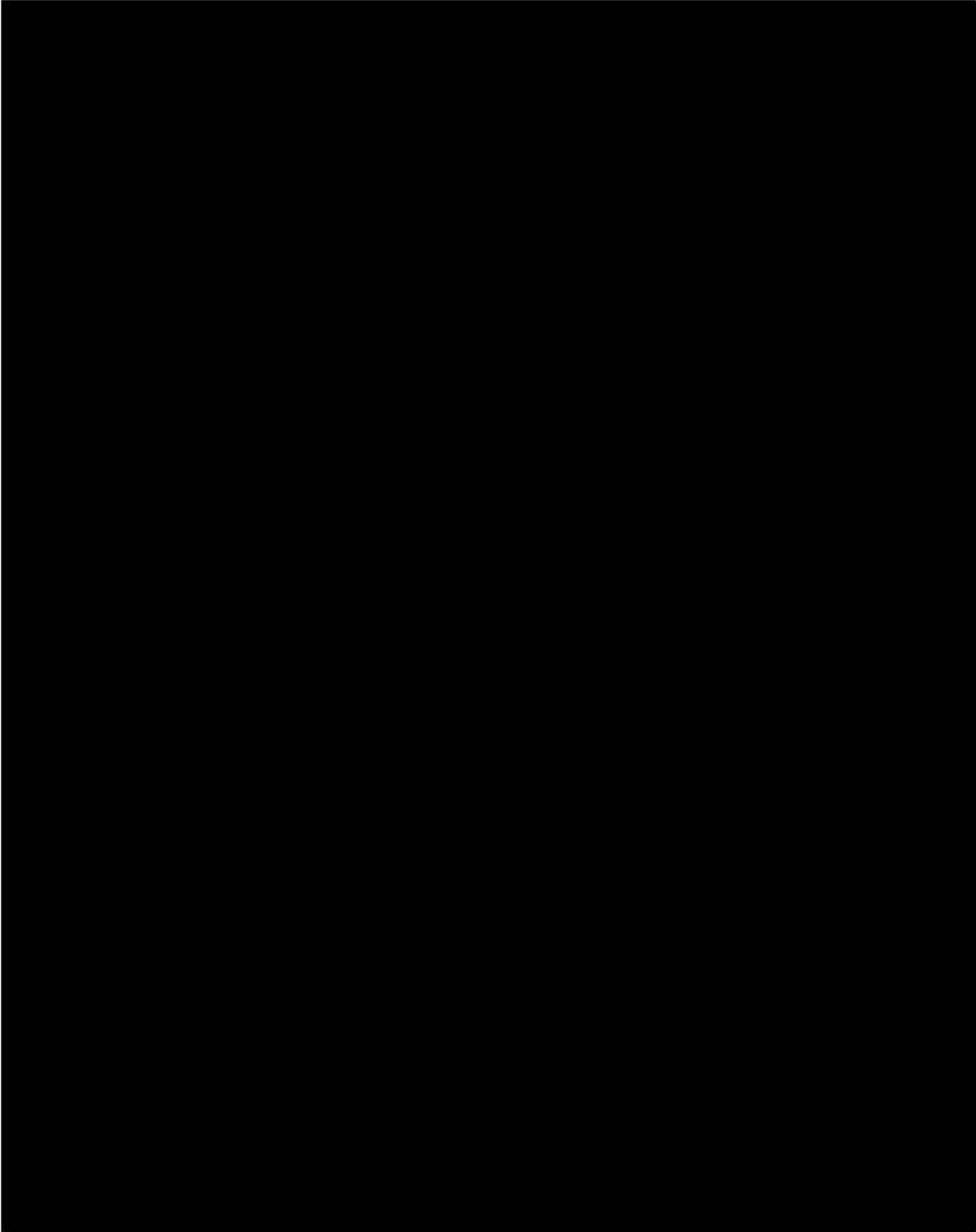
Q8-5 - Johanson Visit Report -

Capacitor August

2013\_REDACTED







PE14-033

HONDA

1/23/2015

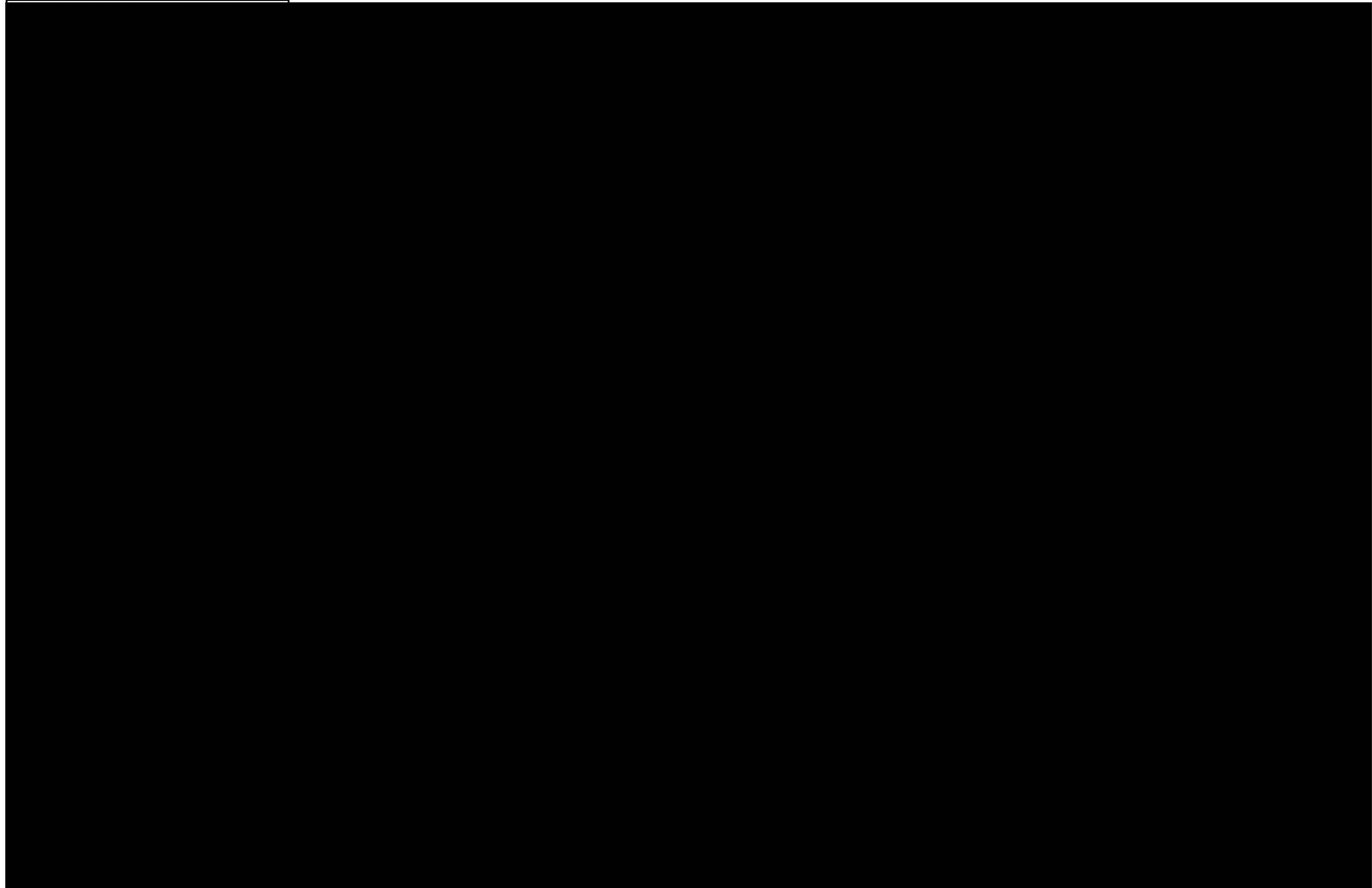
Q8

Clock spring

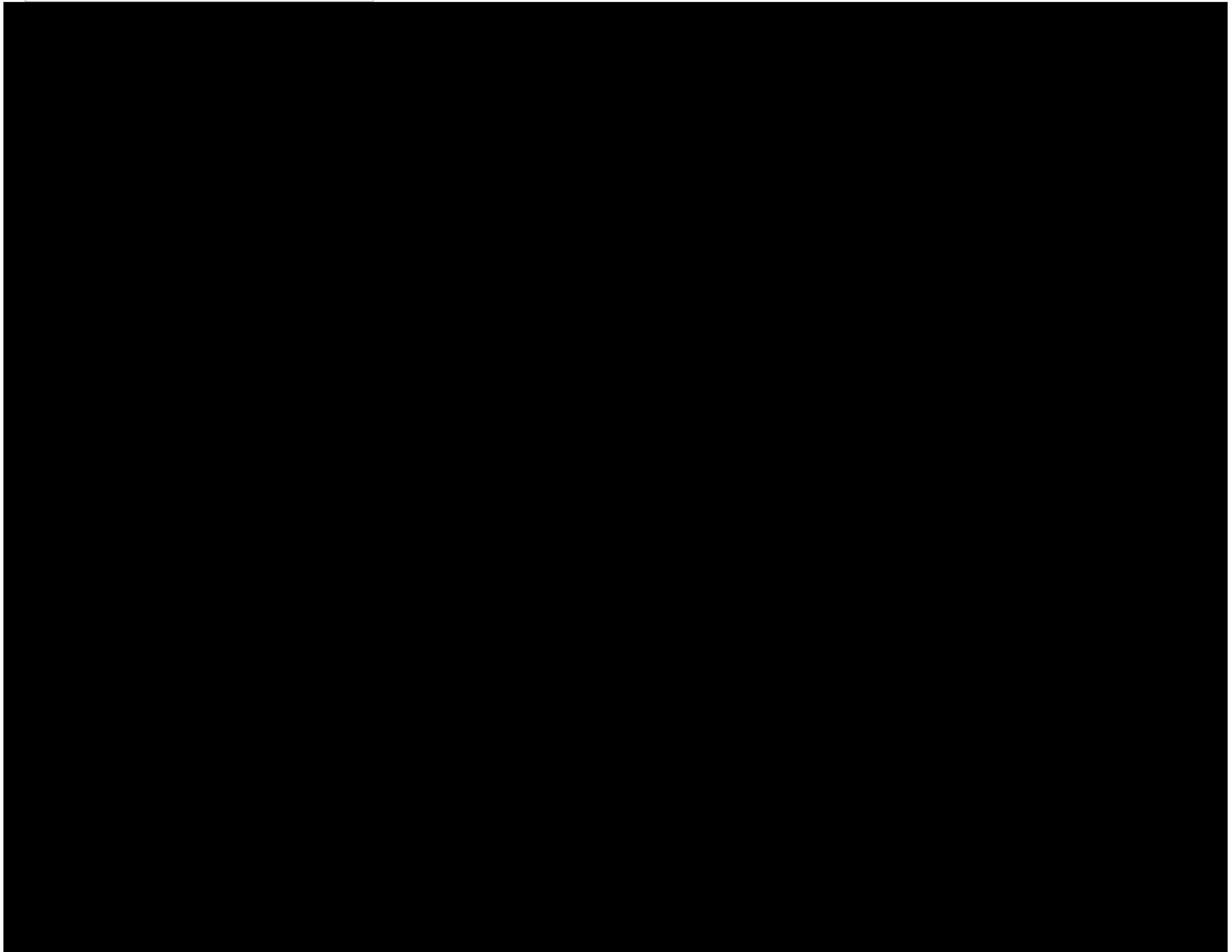
Q8-6 - 5P\_Bourns\_Lifted

Wire\_REDACTED

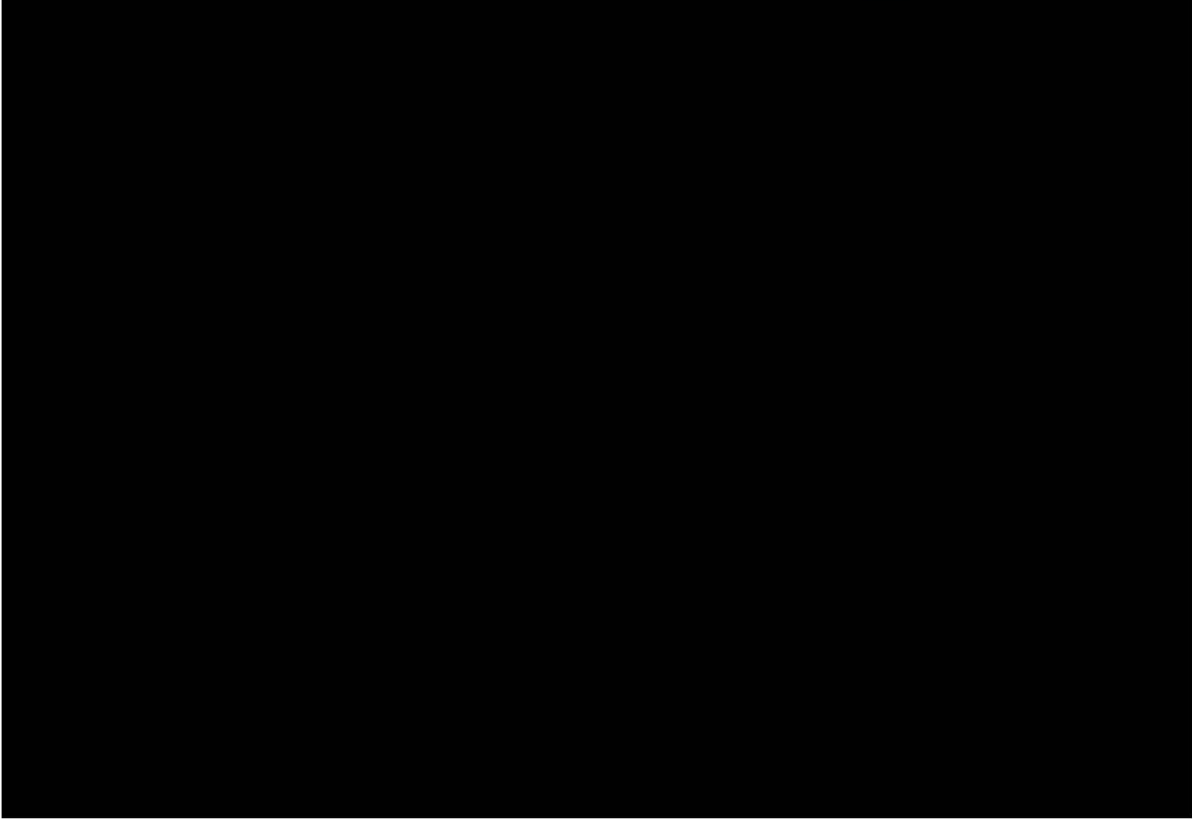
## 5 Principles for Problem Solving Sheet







ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

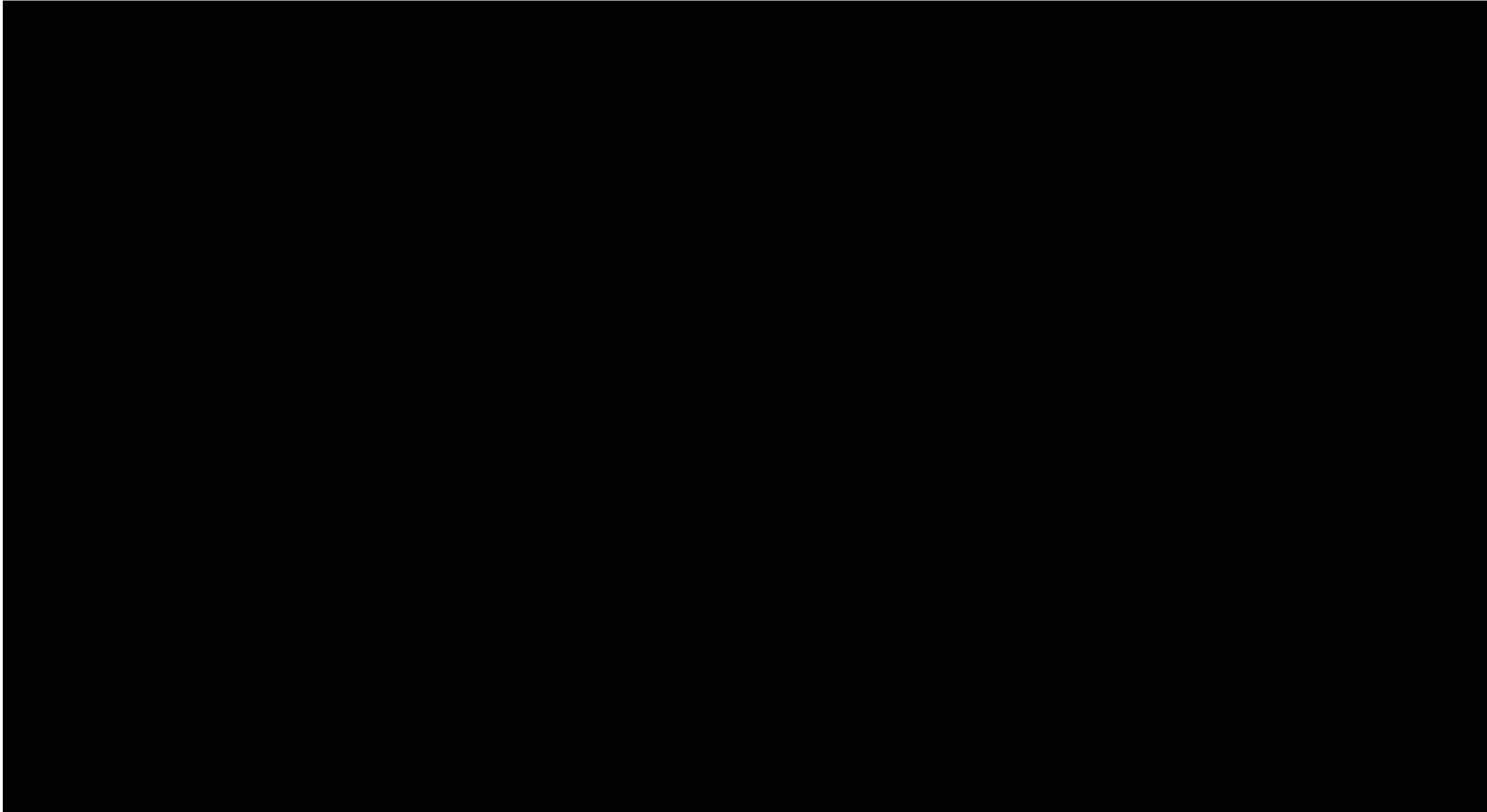


ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

## Quality Alert



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



PE14-033

HONDA

1/23/2015

Q8

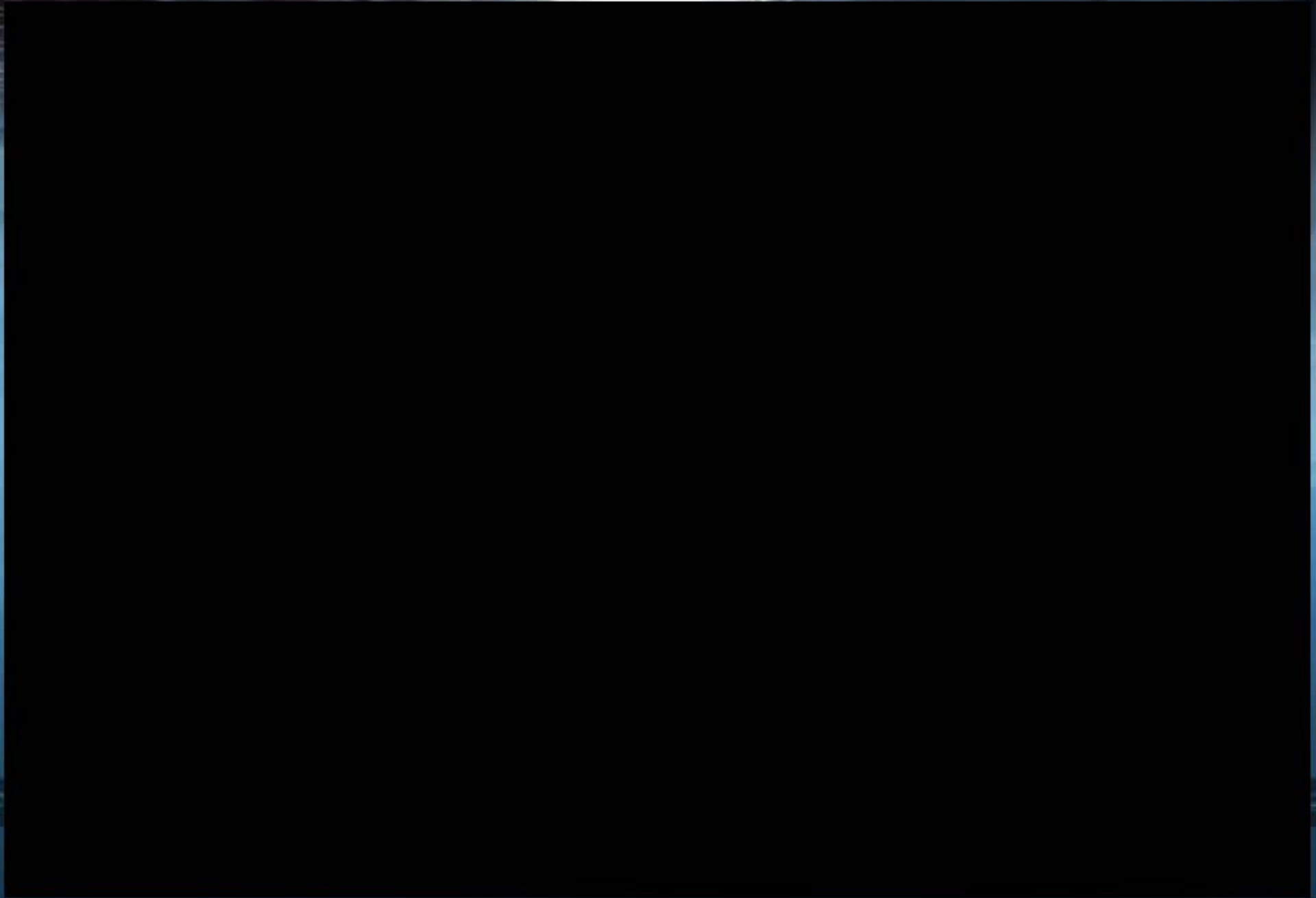
Clock spring

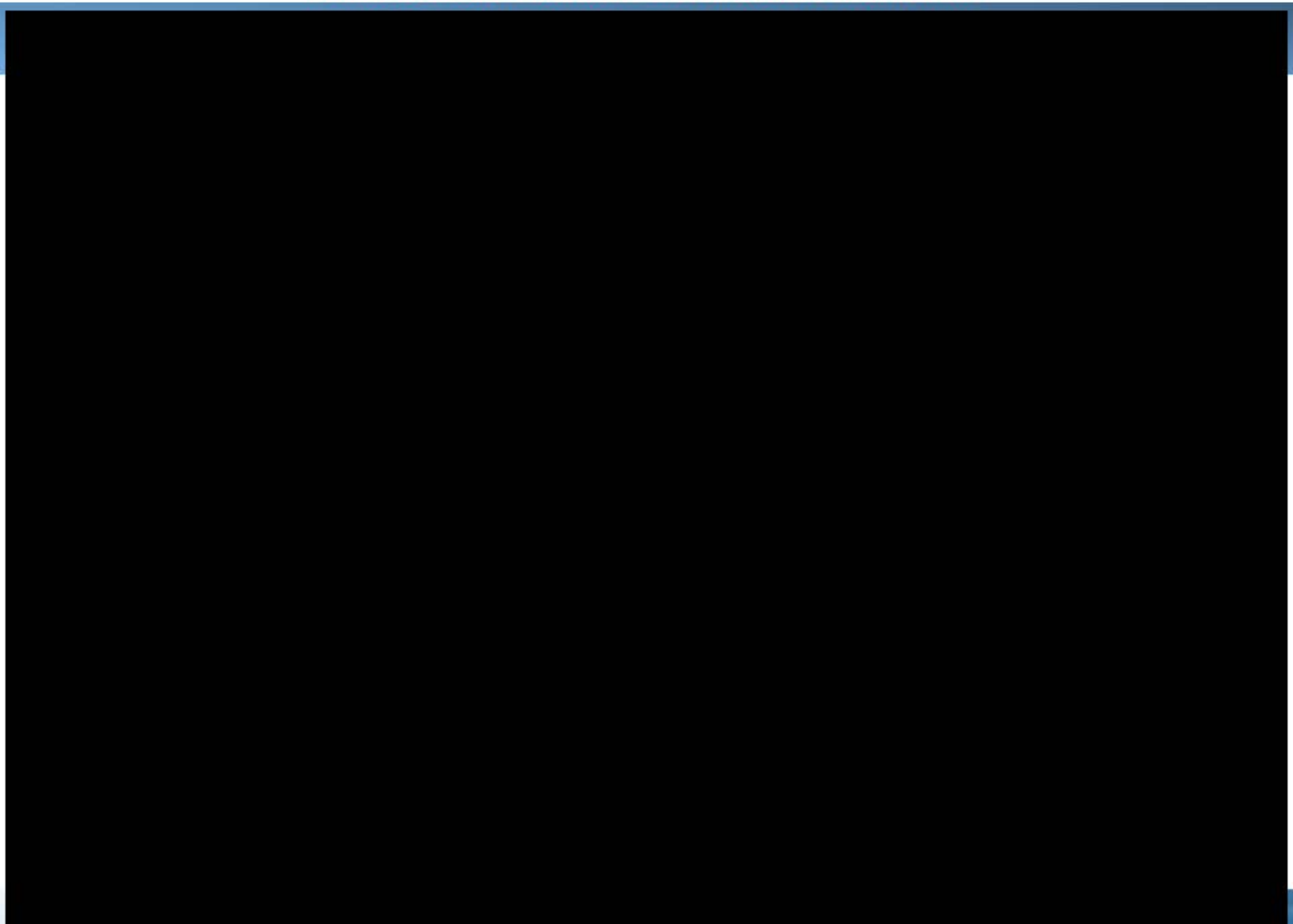
Q8-7 - DTC-148 SHOWA

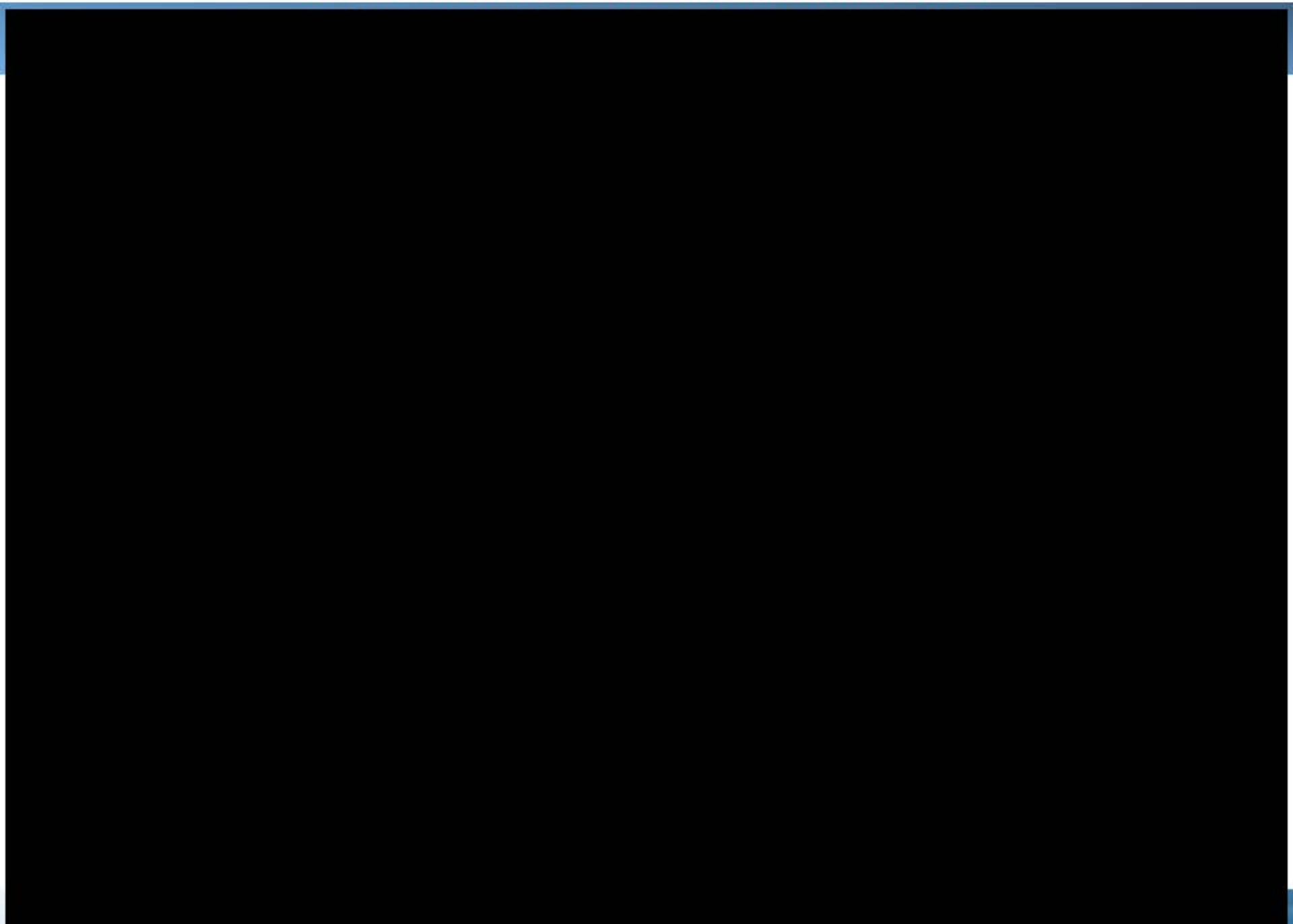
Customer Return\_Jul-23-

2014\_Final FA

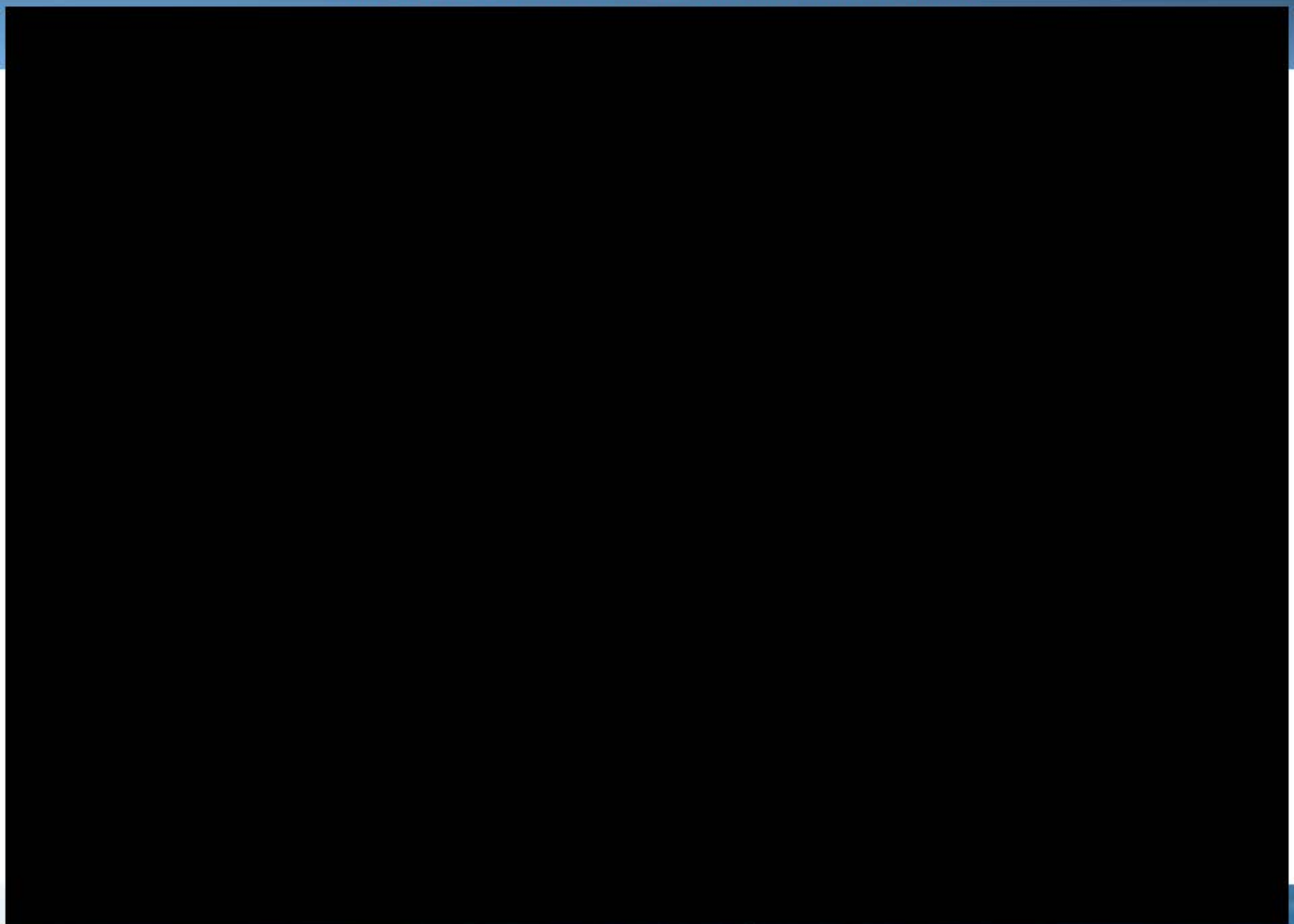
Report\_REDACTED

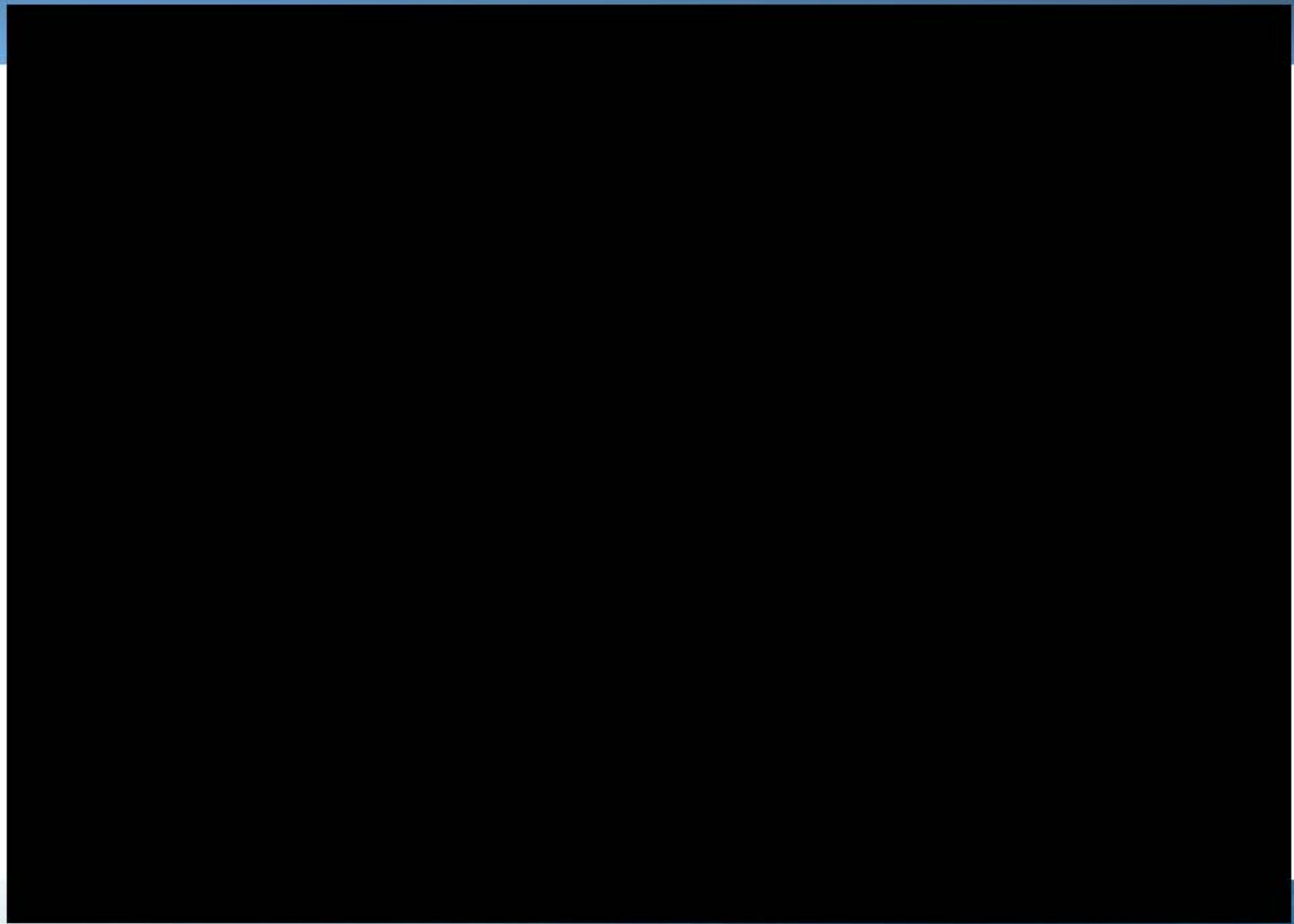


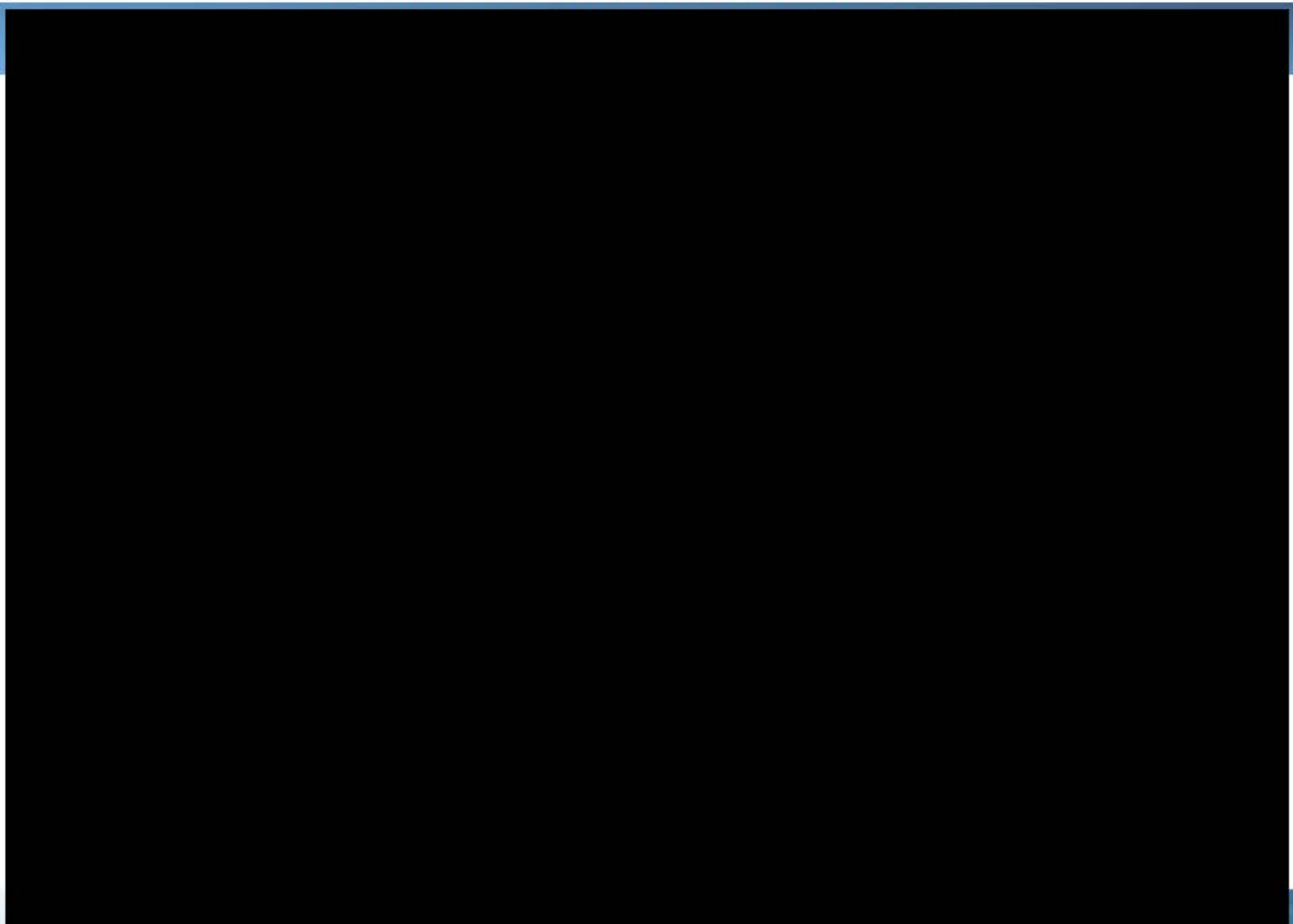


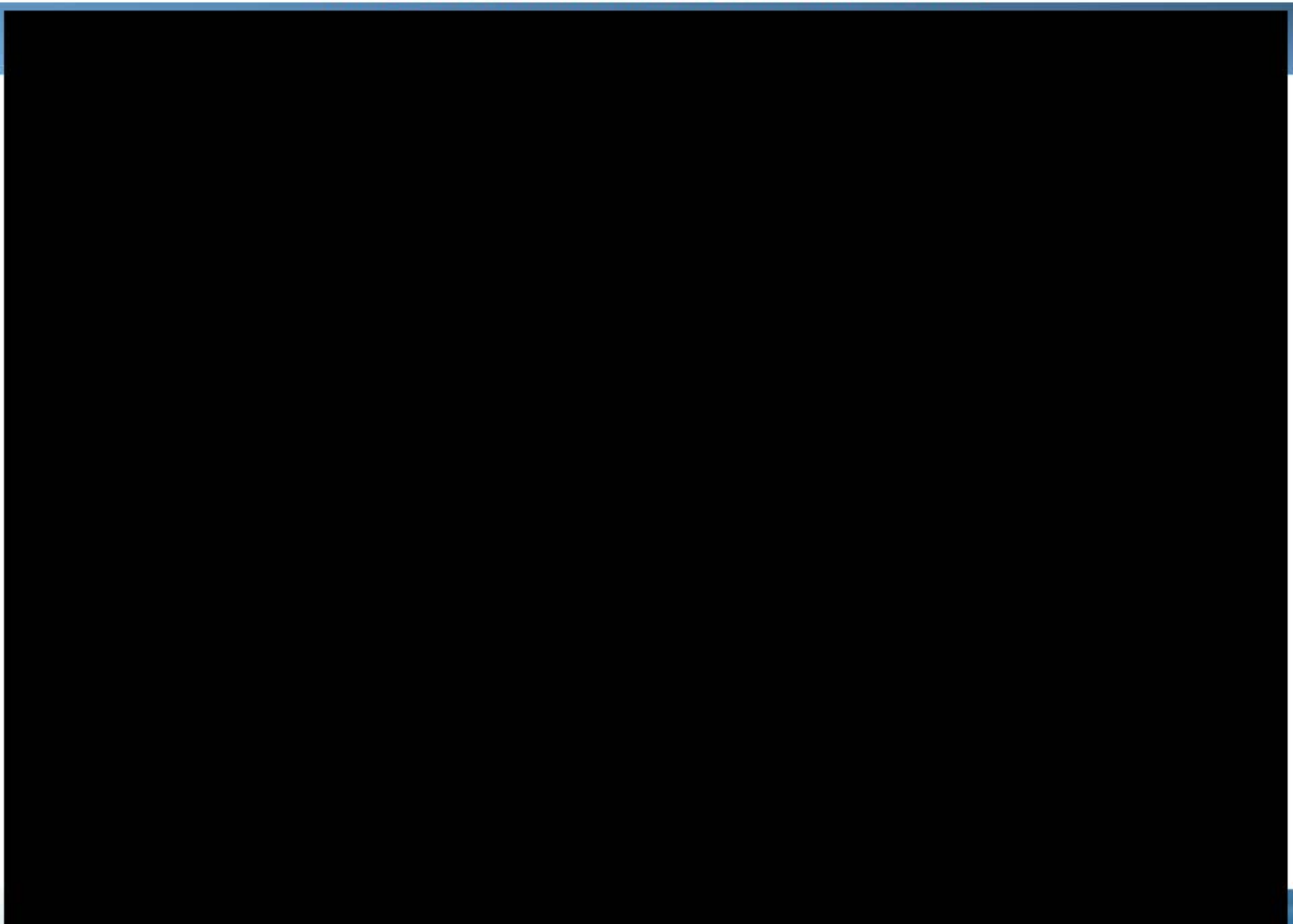


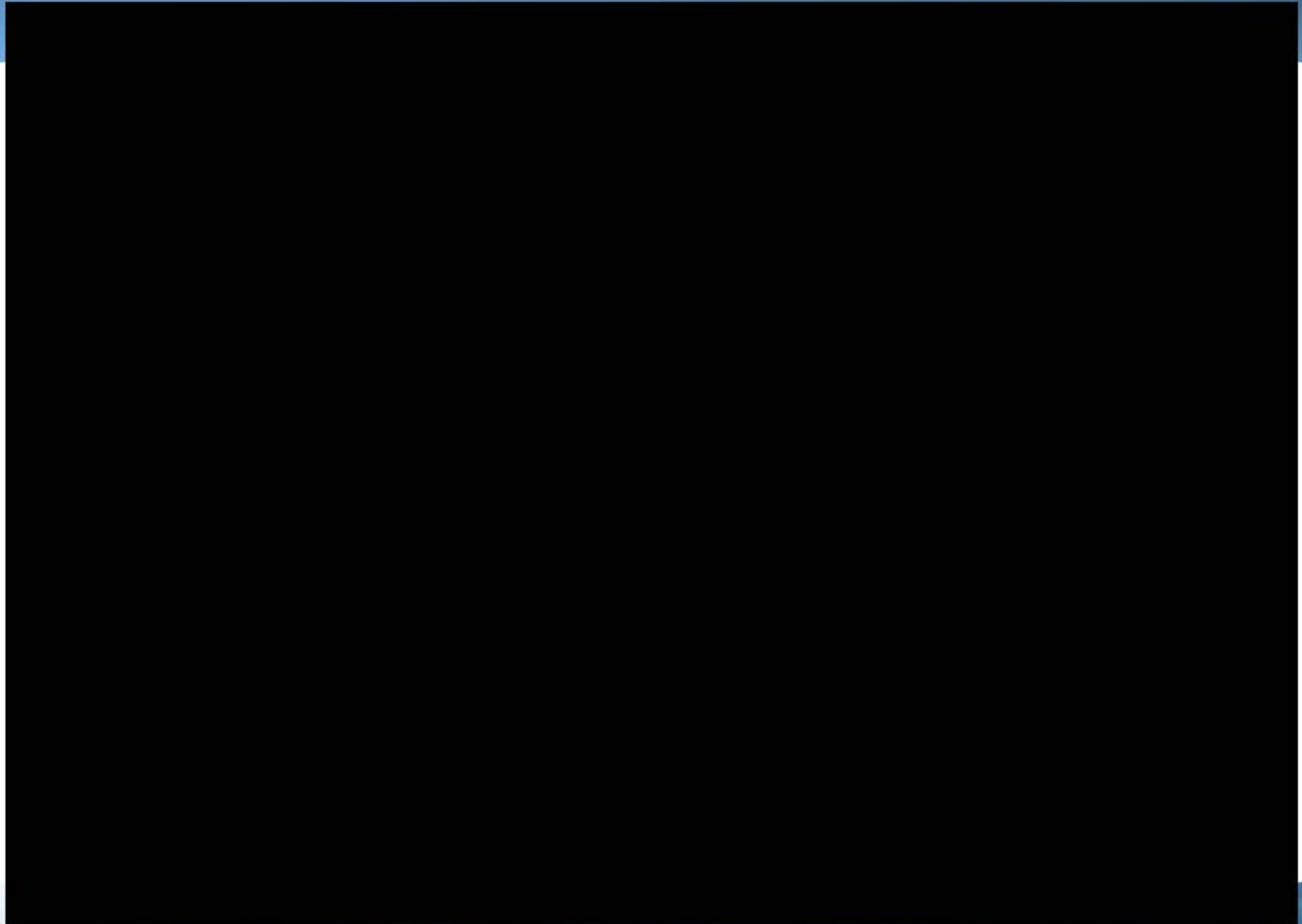


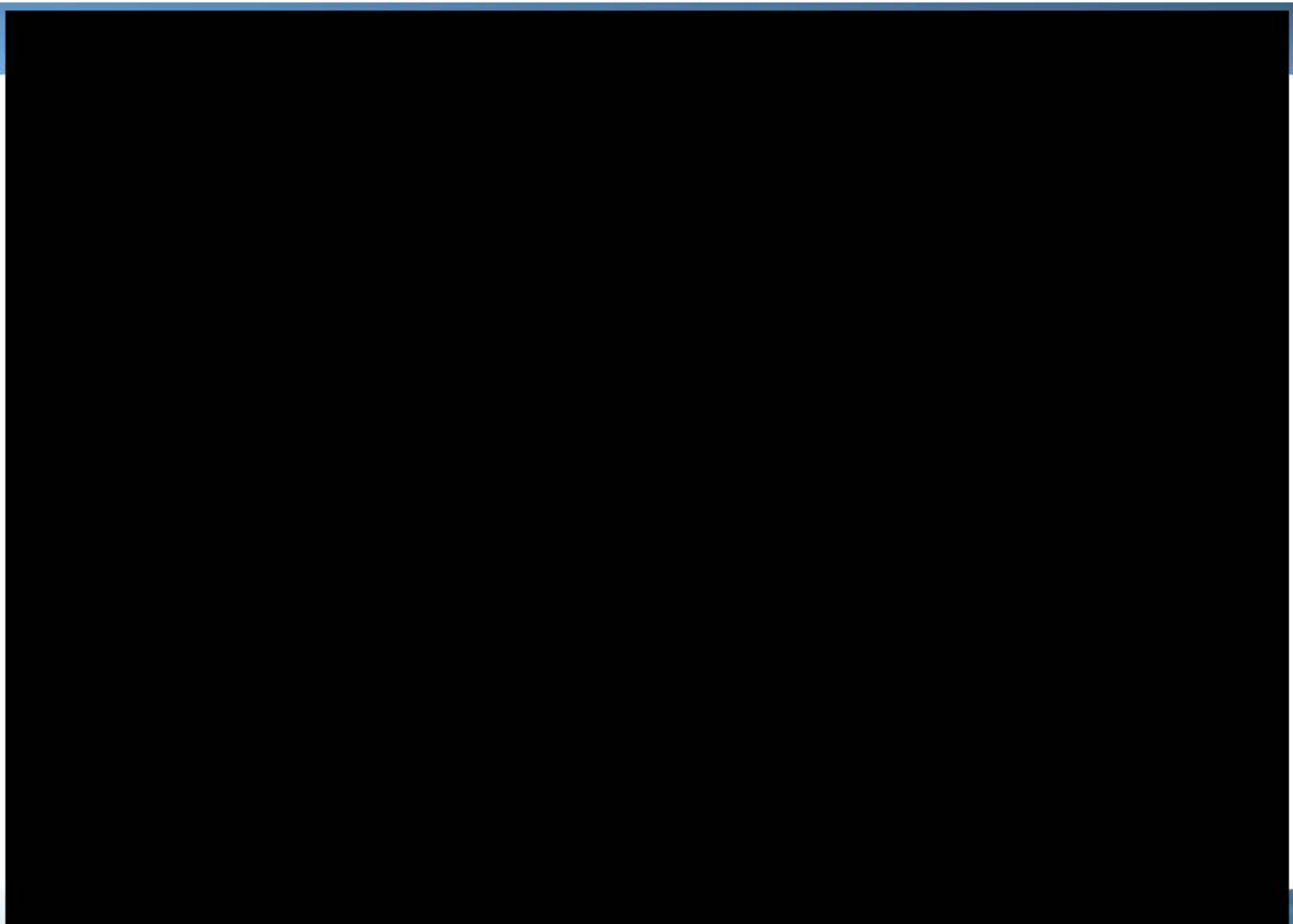




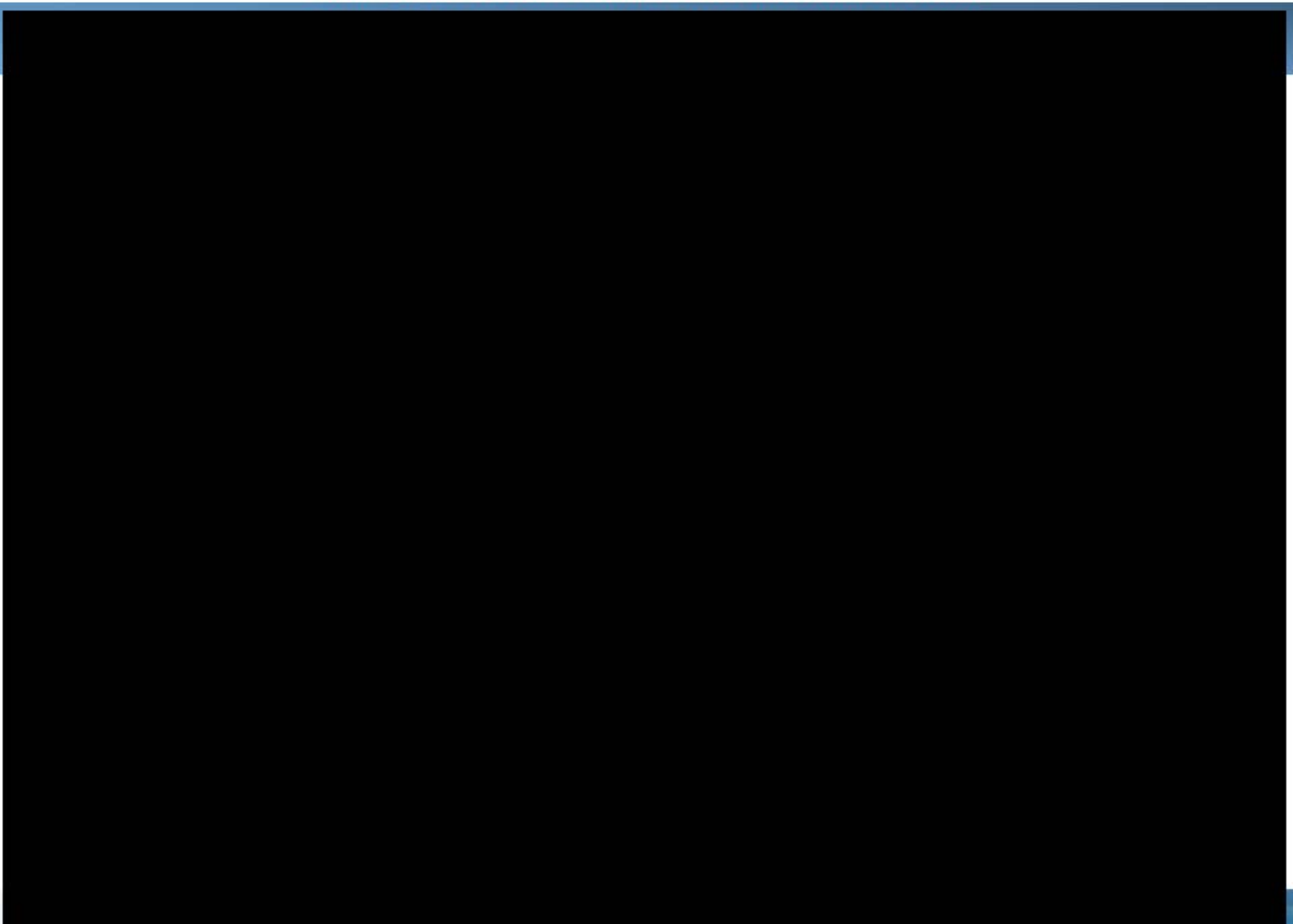




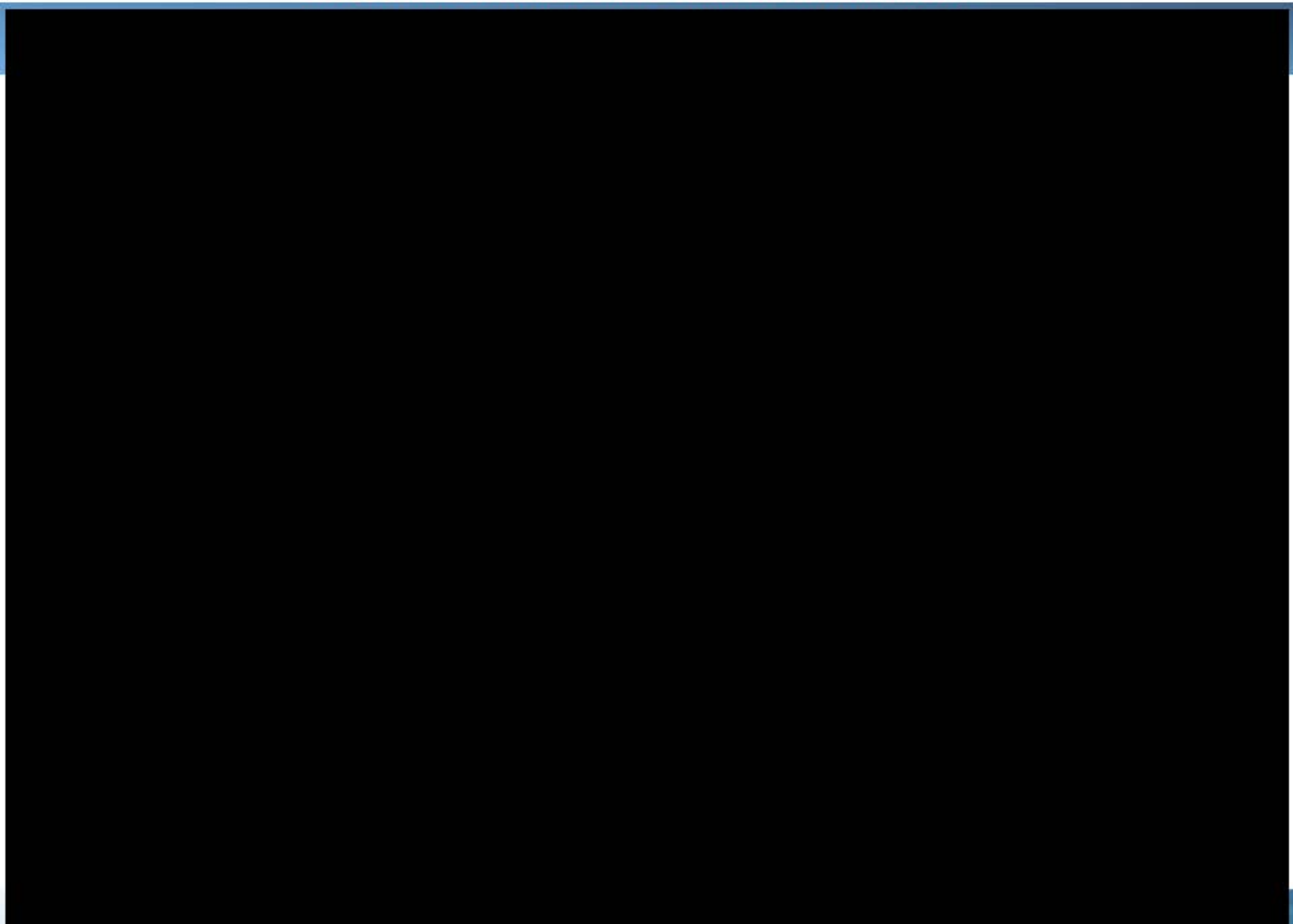
















PE14-033

HONDA

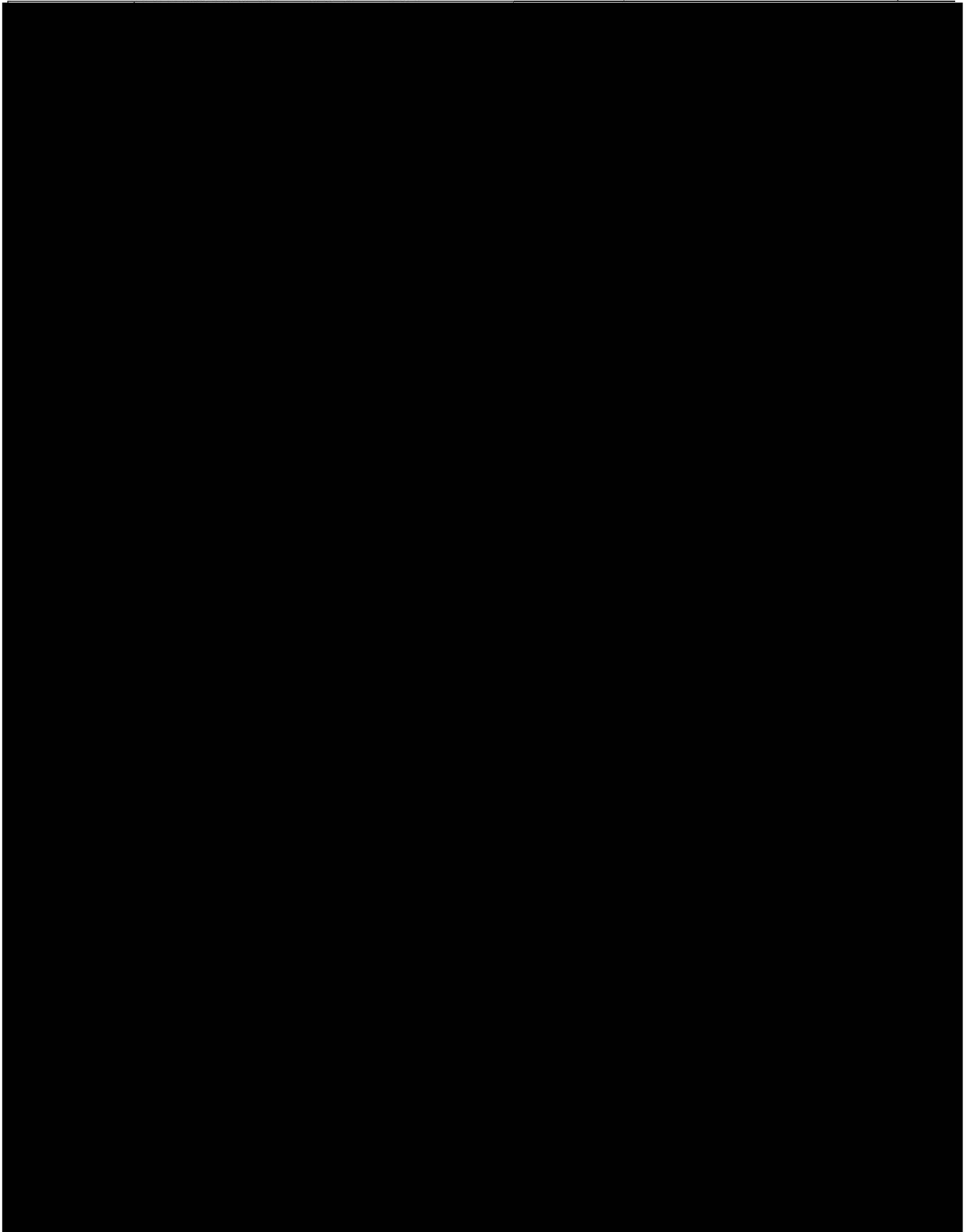
1/23/2015

Q8

QIS sheets

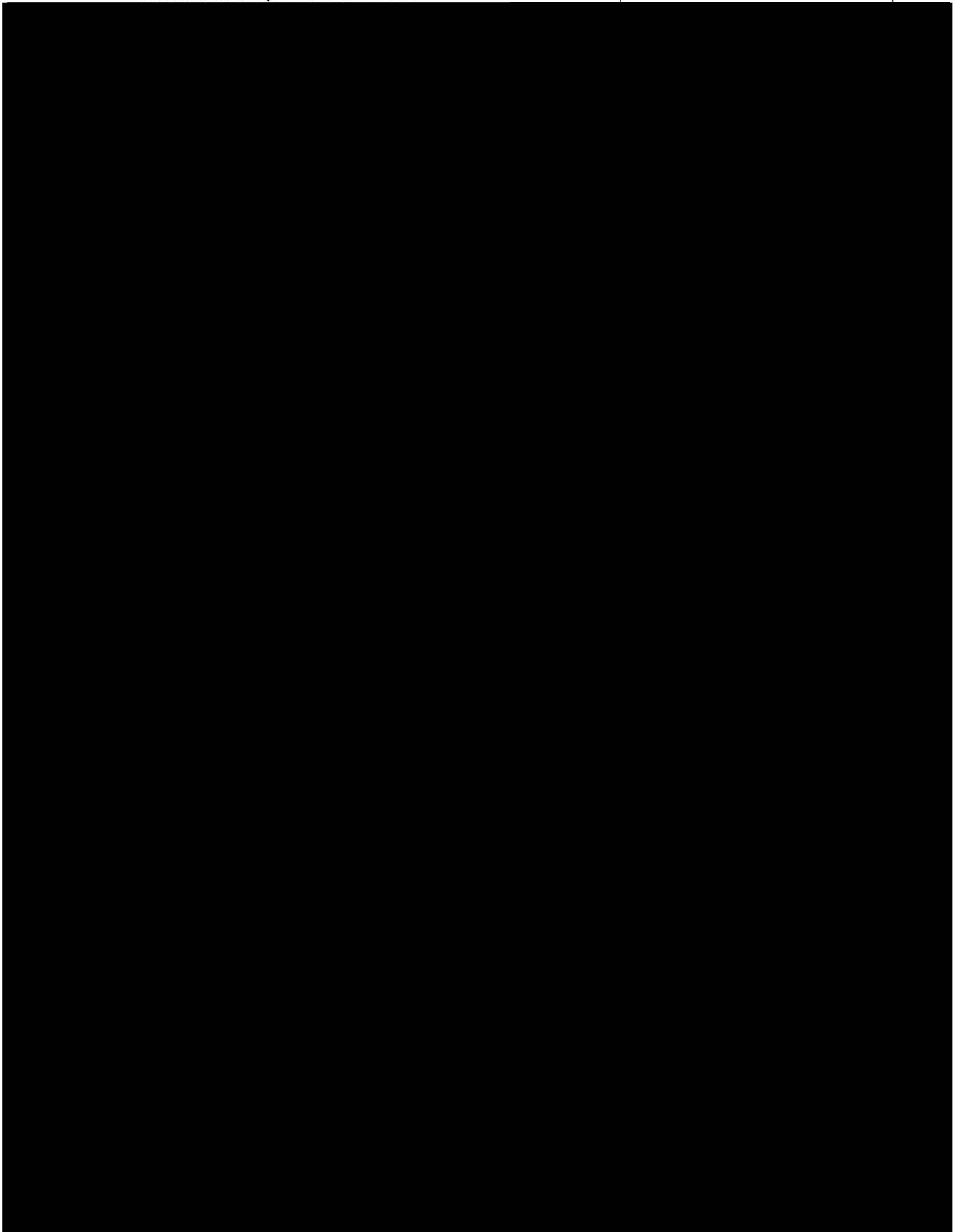
**HONDA QIC REPORT**

No 4AHE2013036-01



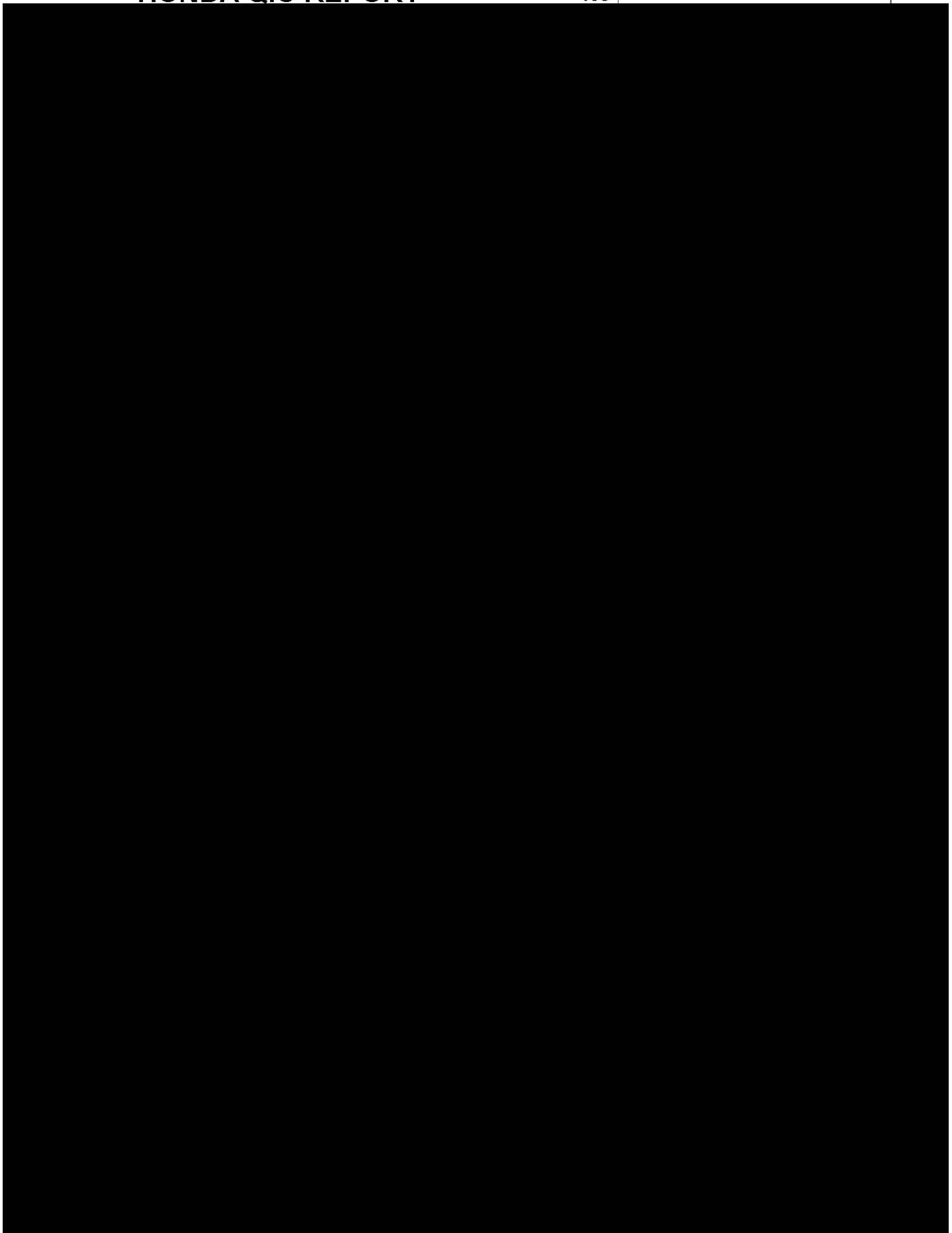
**HONDA QIC REPORT**

No 4AHE2014019-00



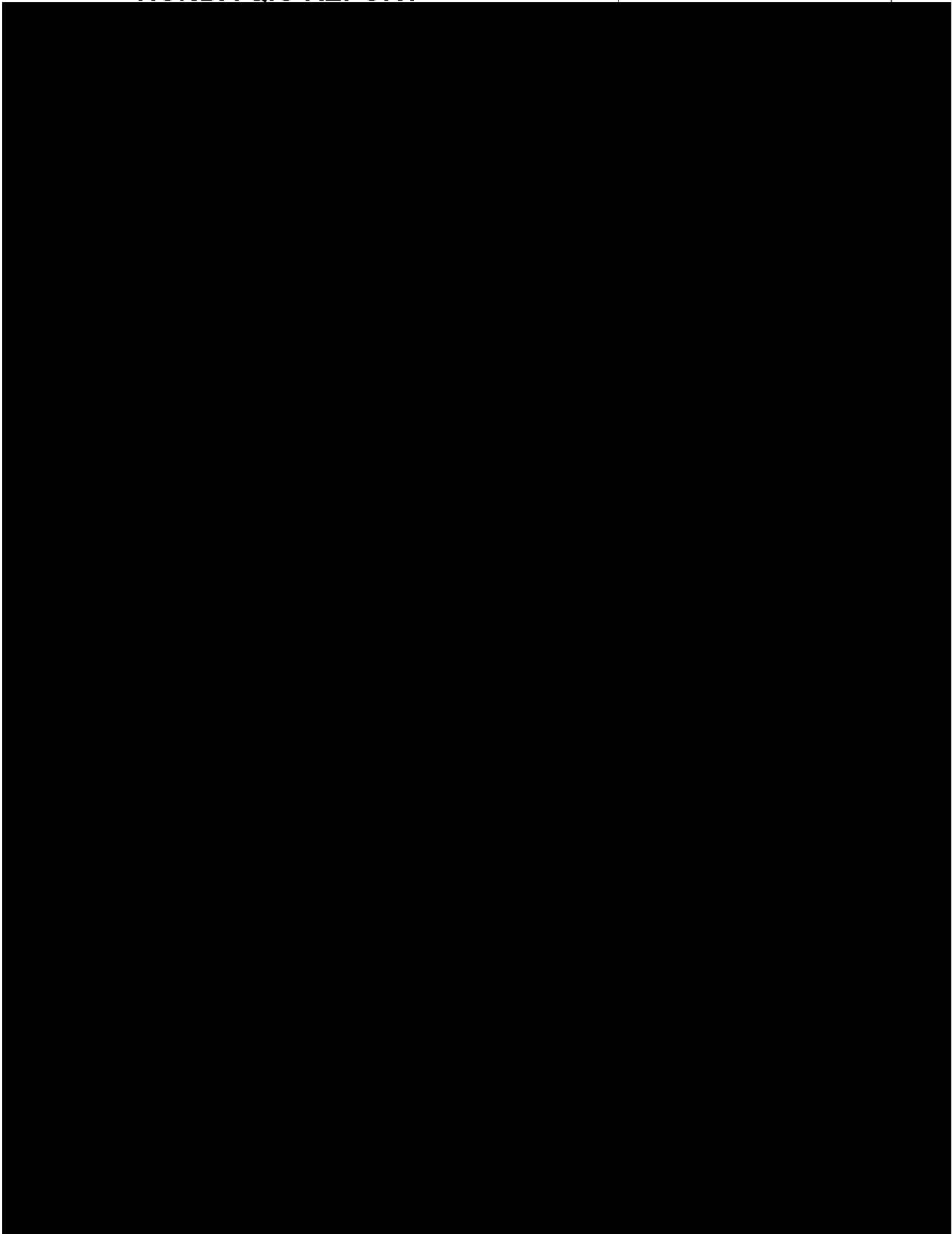
**HONDA QIC REPORT**

No 4HDM2014048-00



**HONDA QIC REPORT**

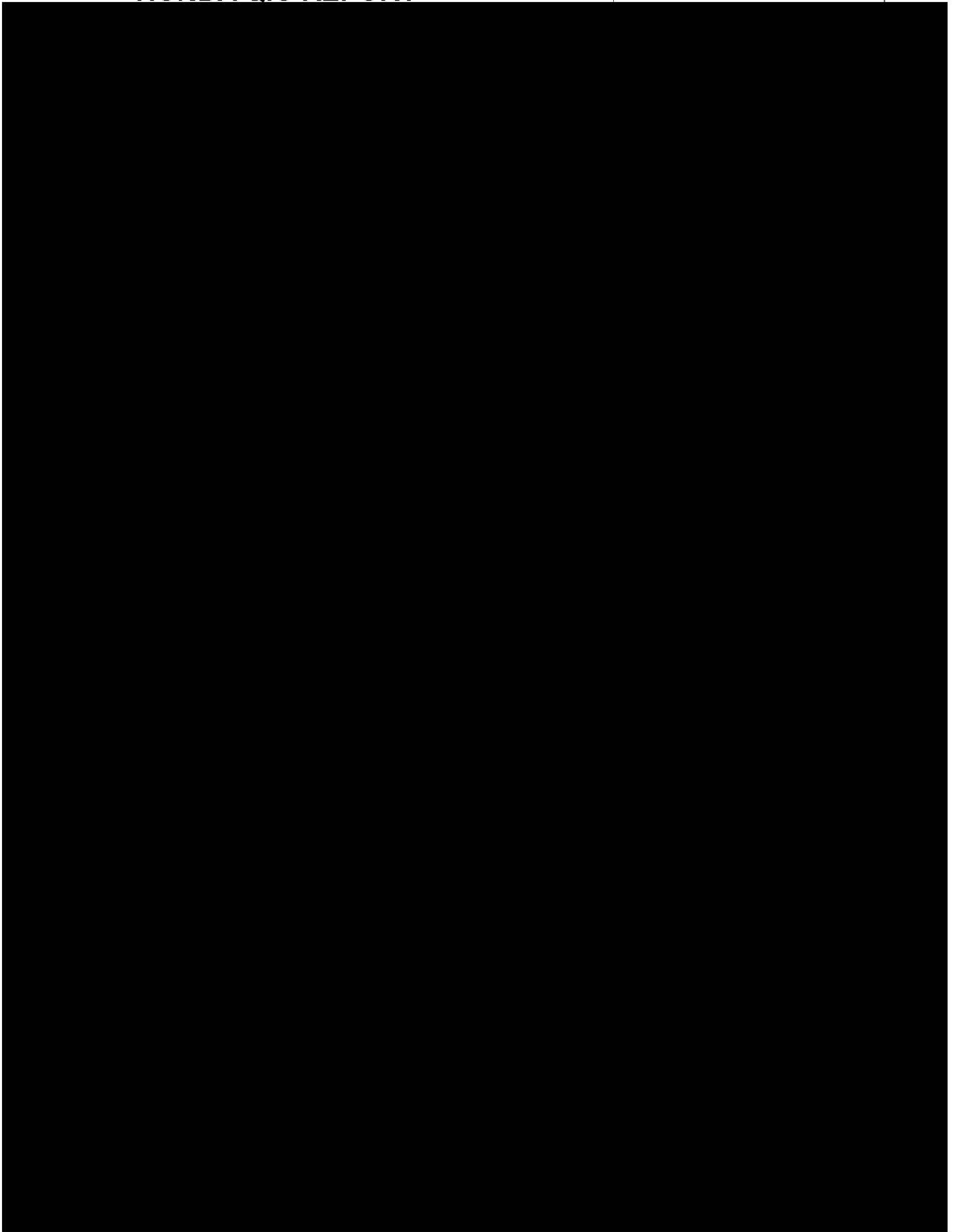
No 4OMC2014009-00

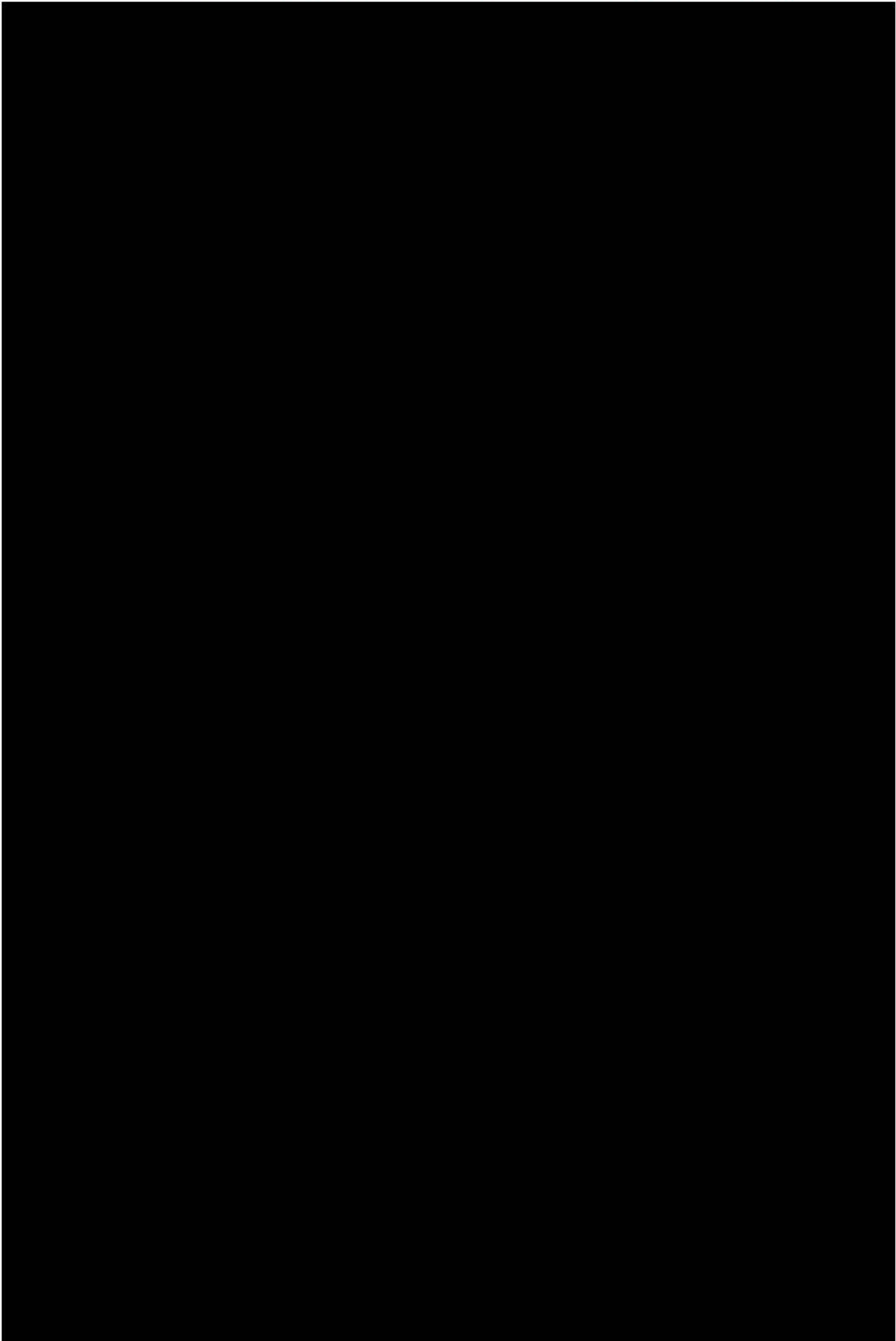


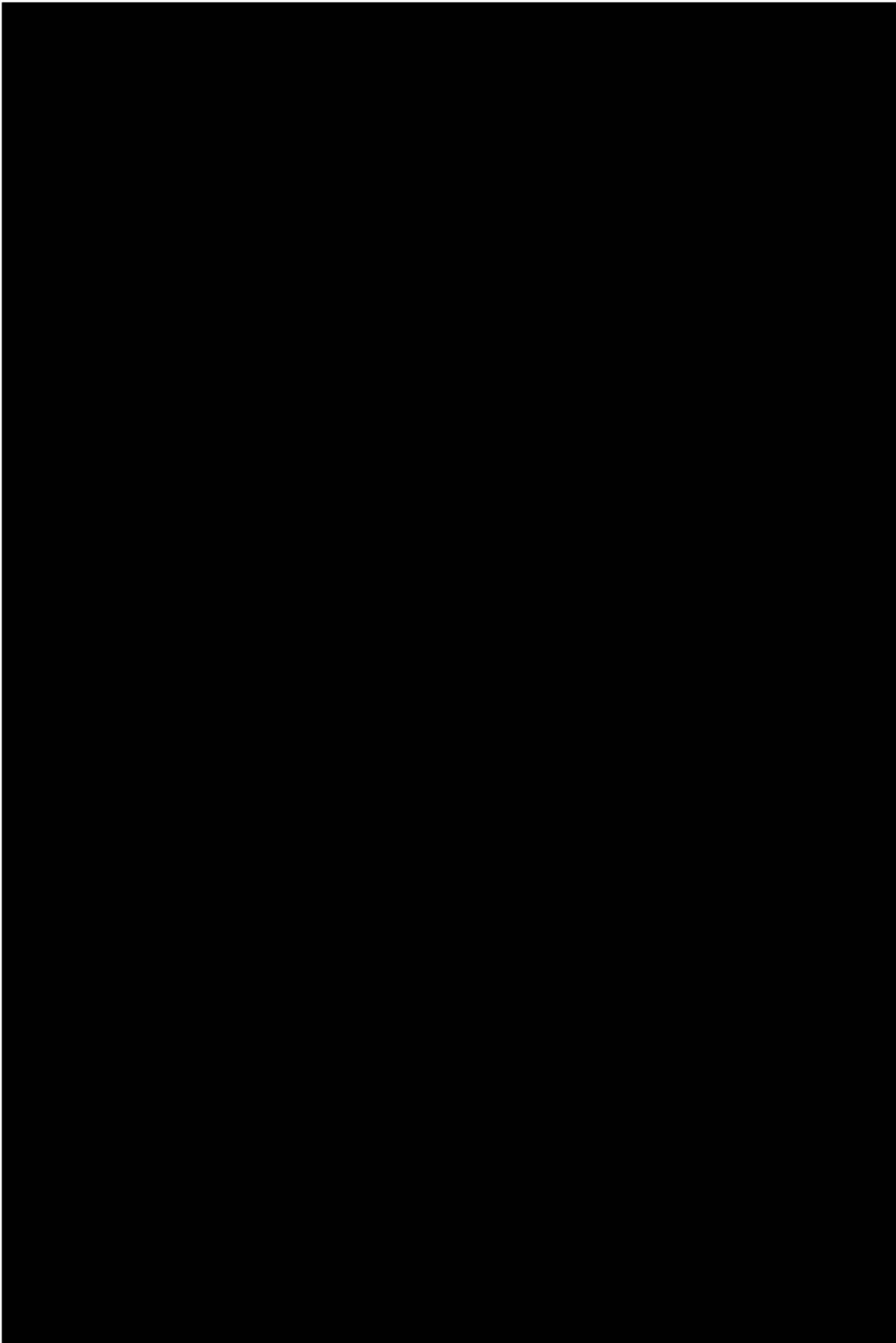


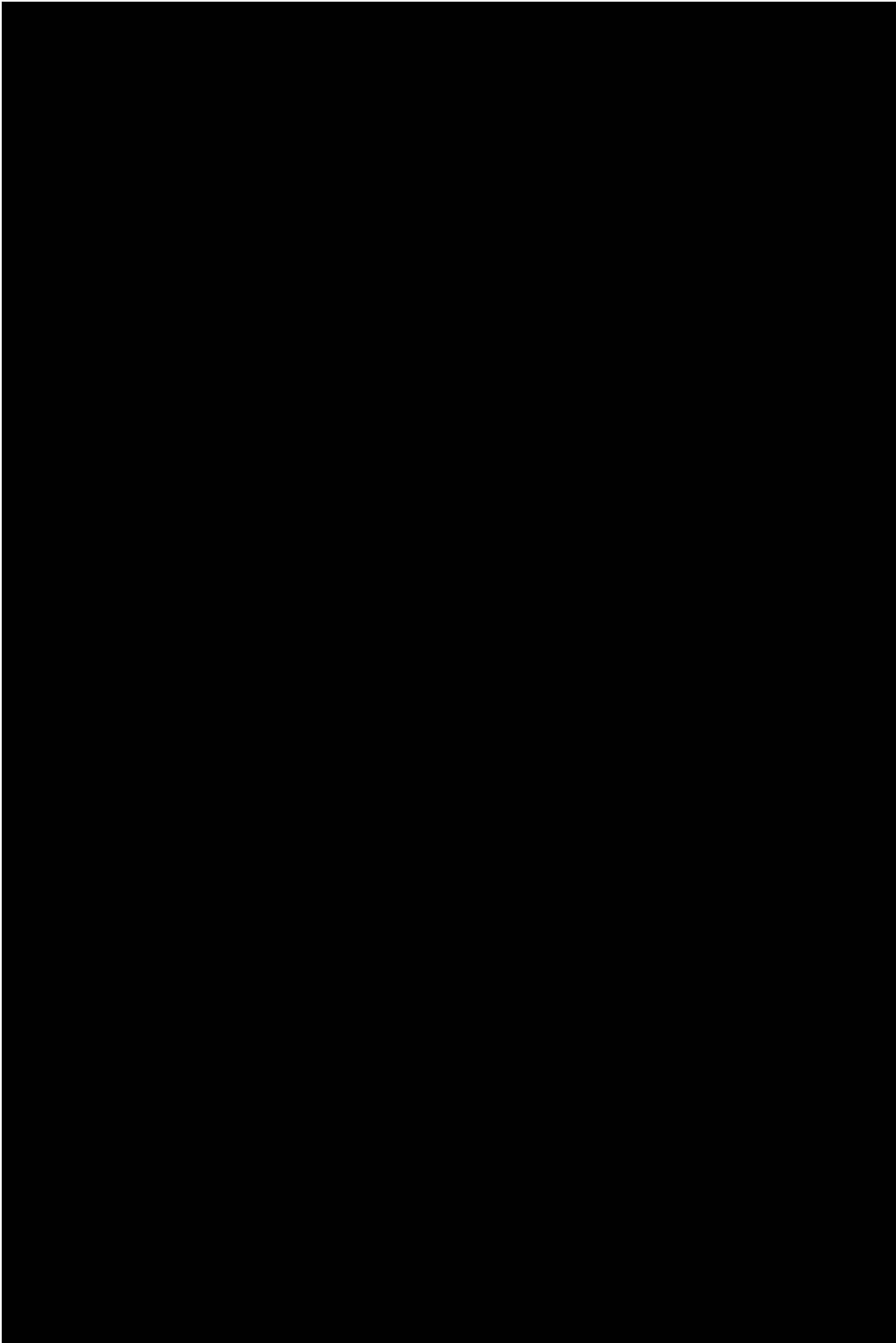
**HONDA QIC REPORT**

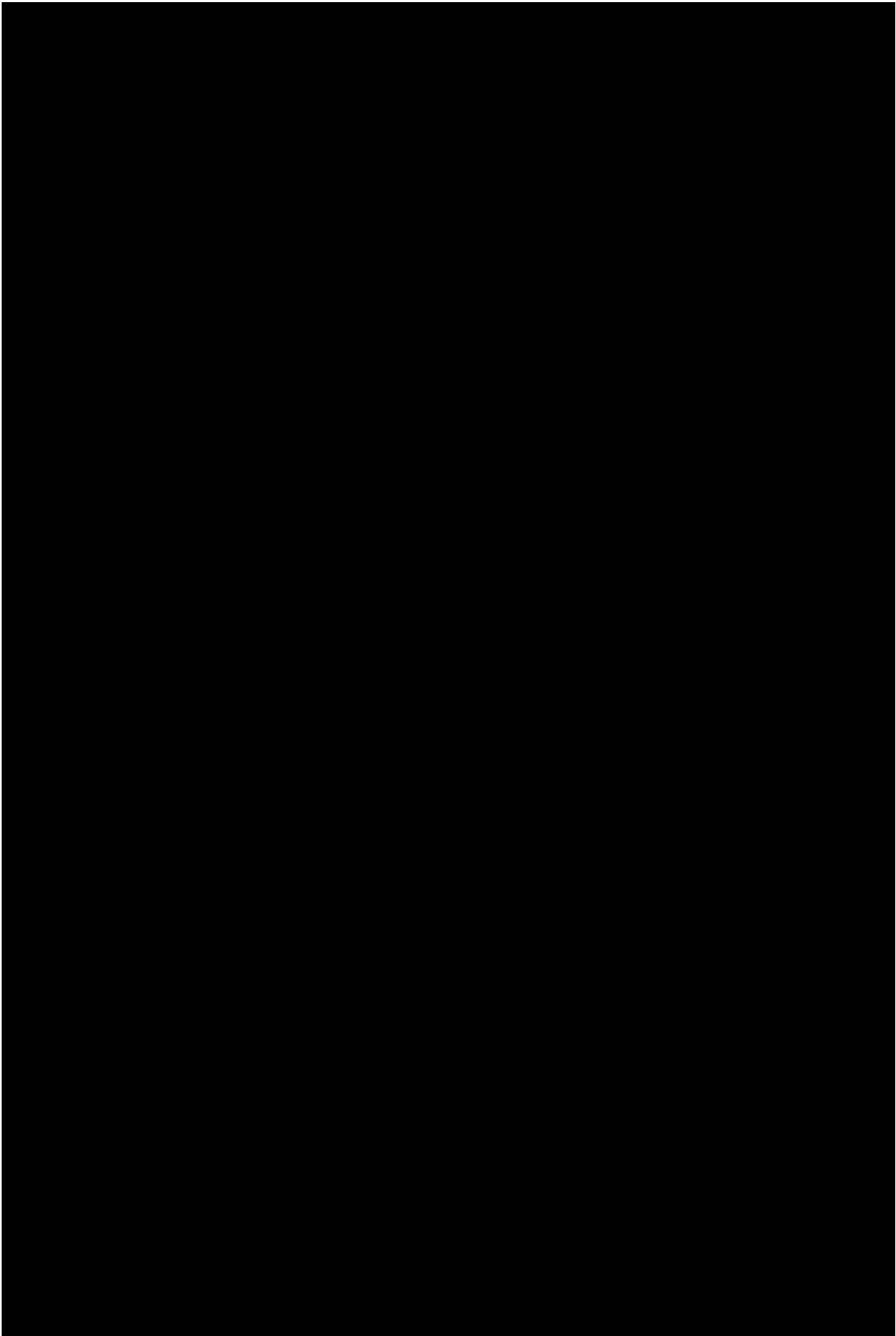
No 4UAE2014006-00

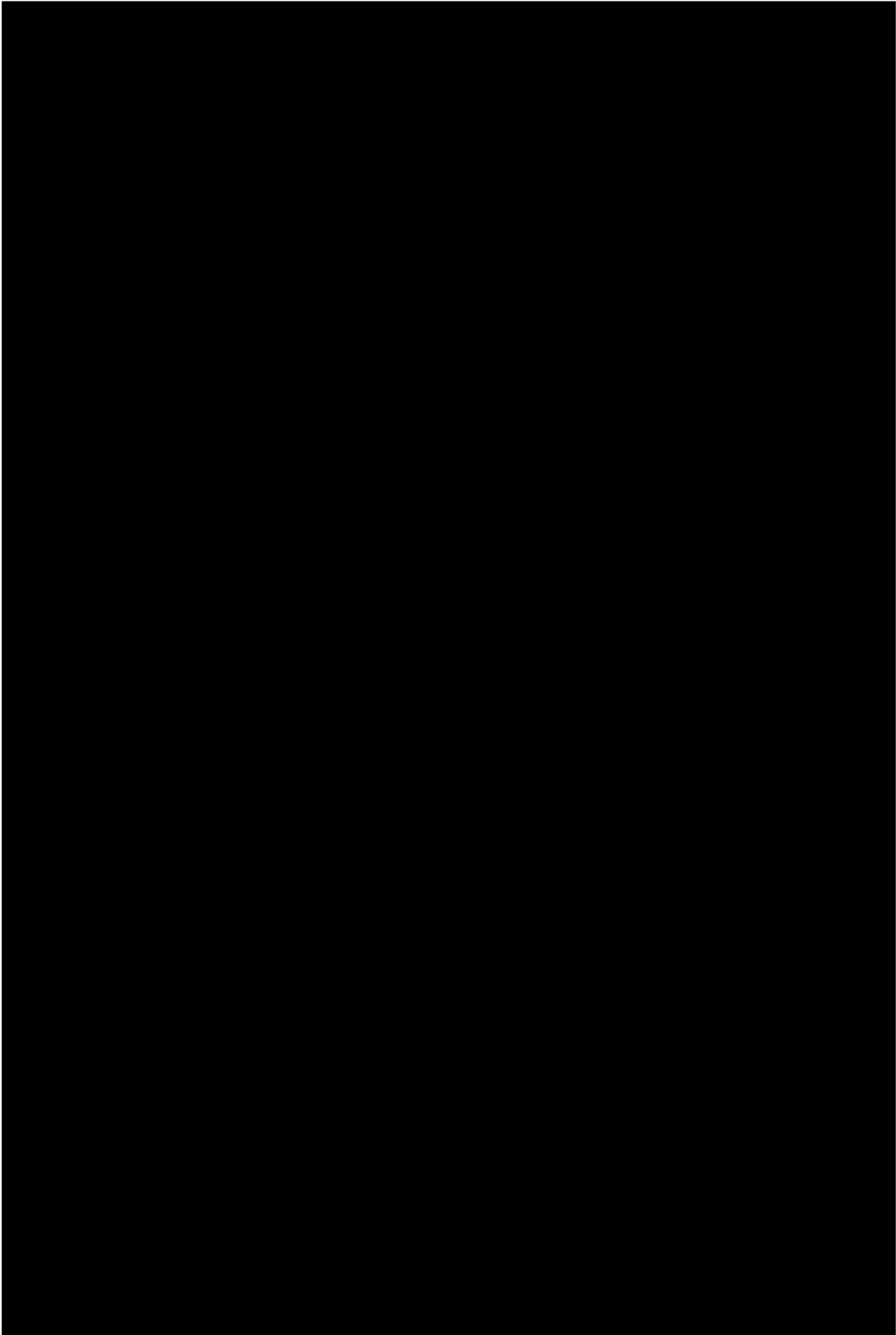


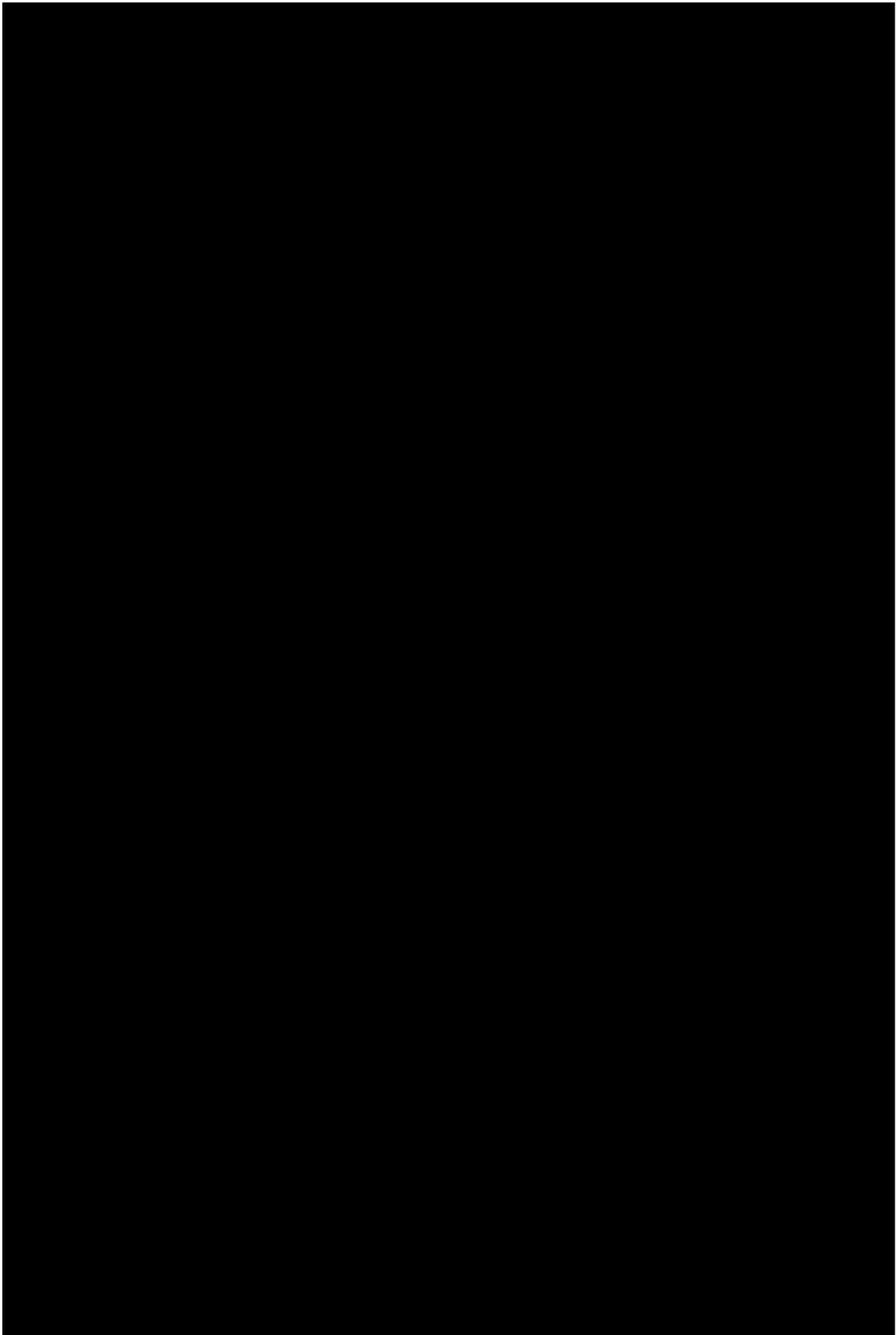


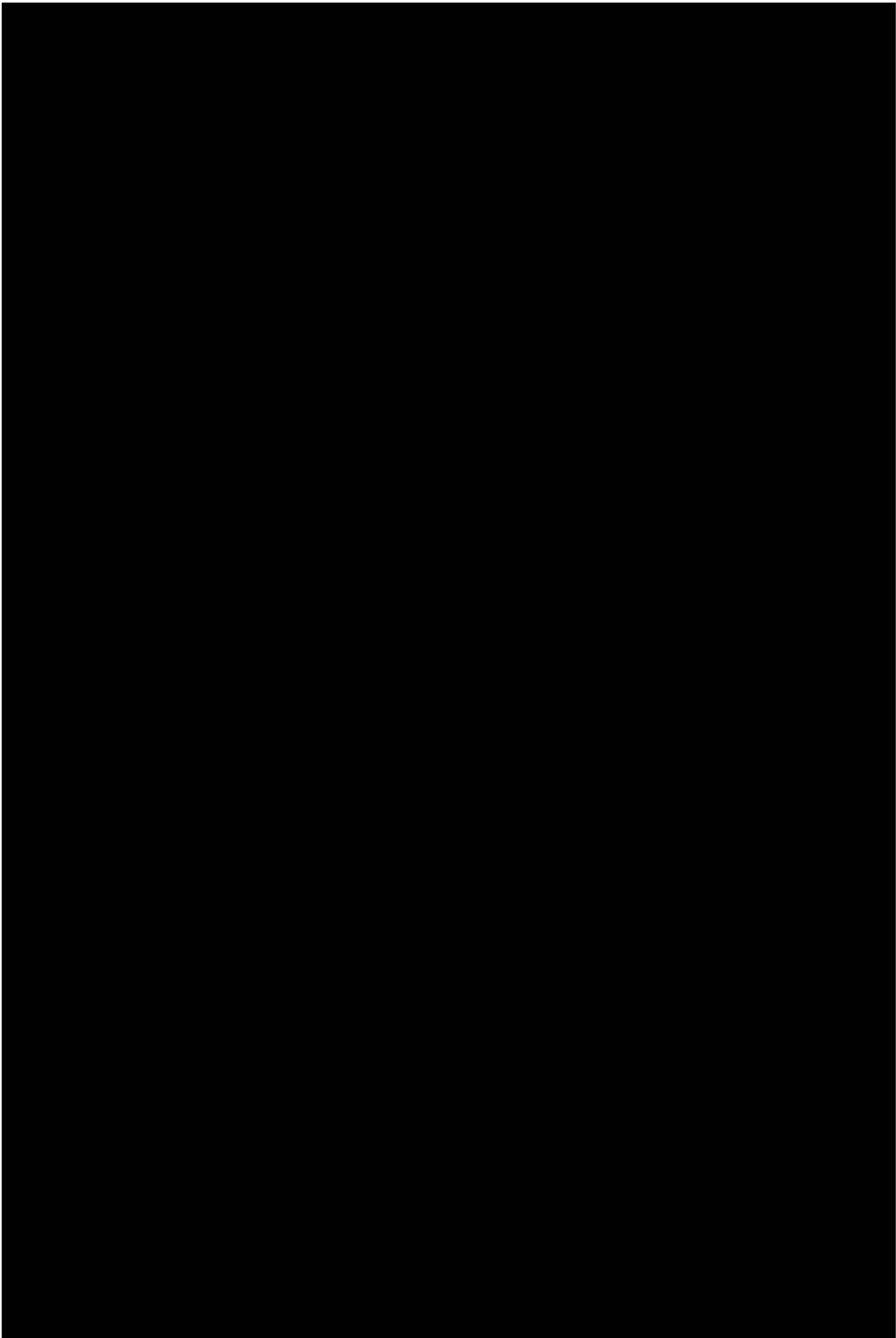




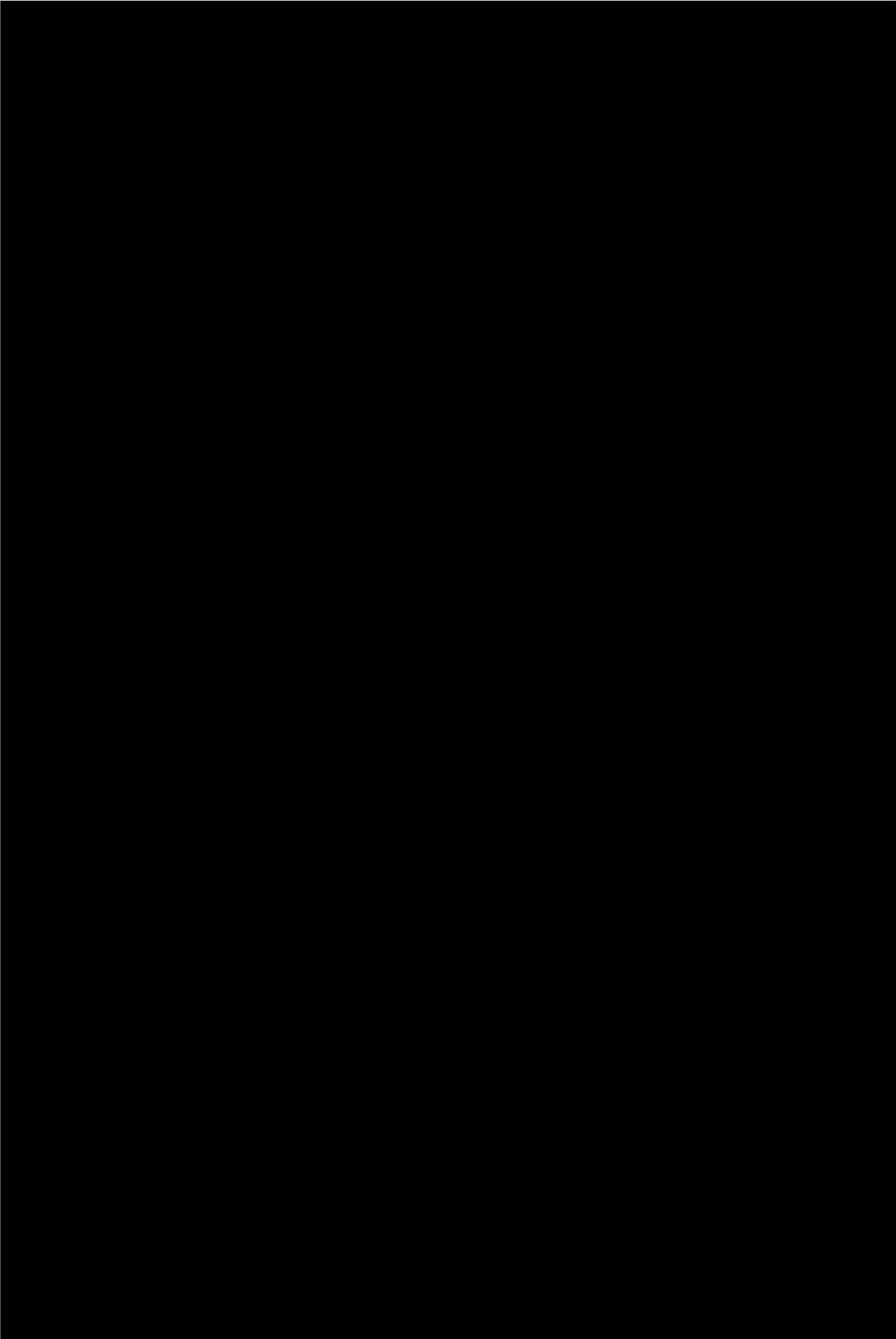


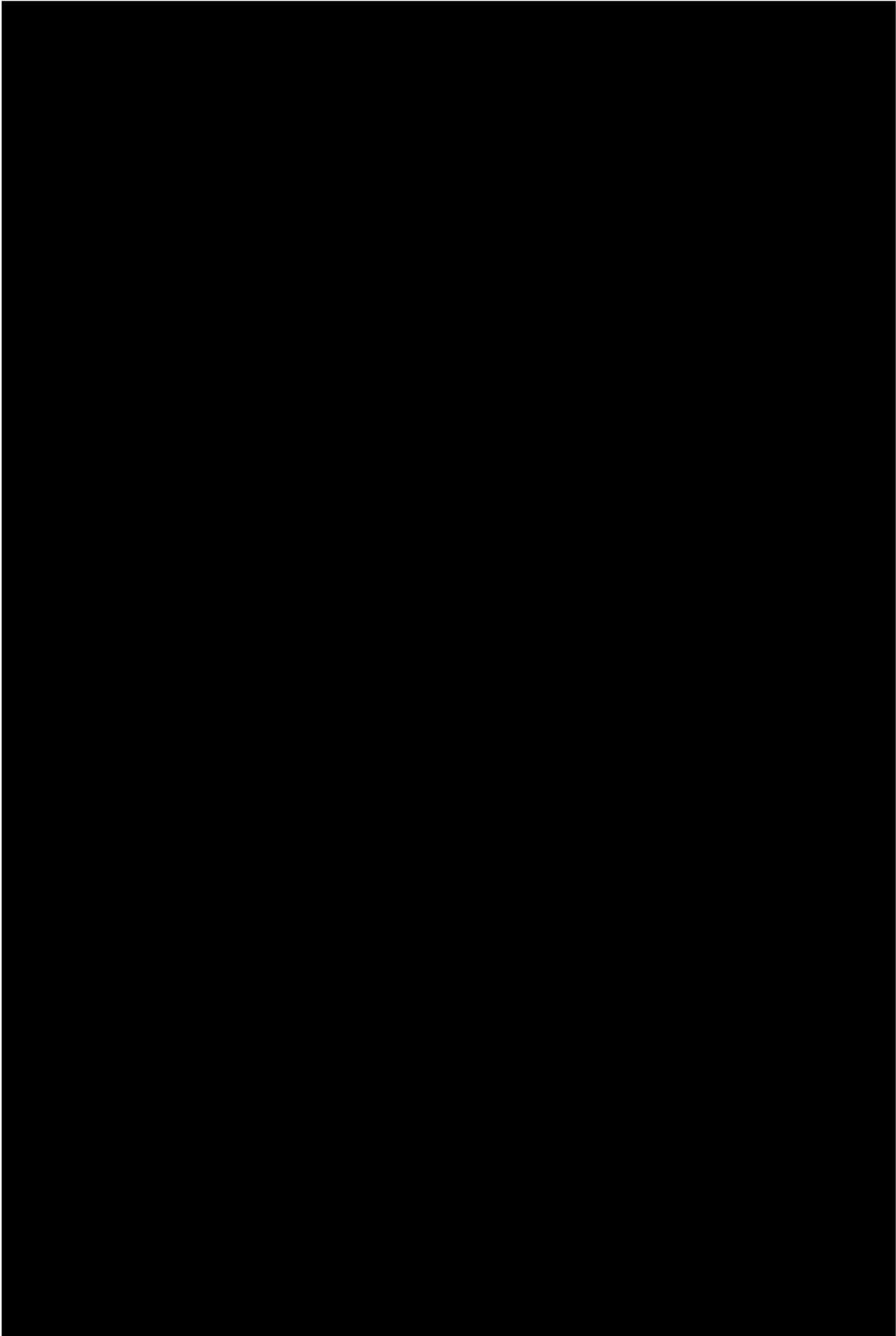


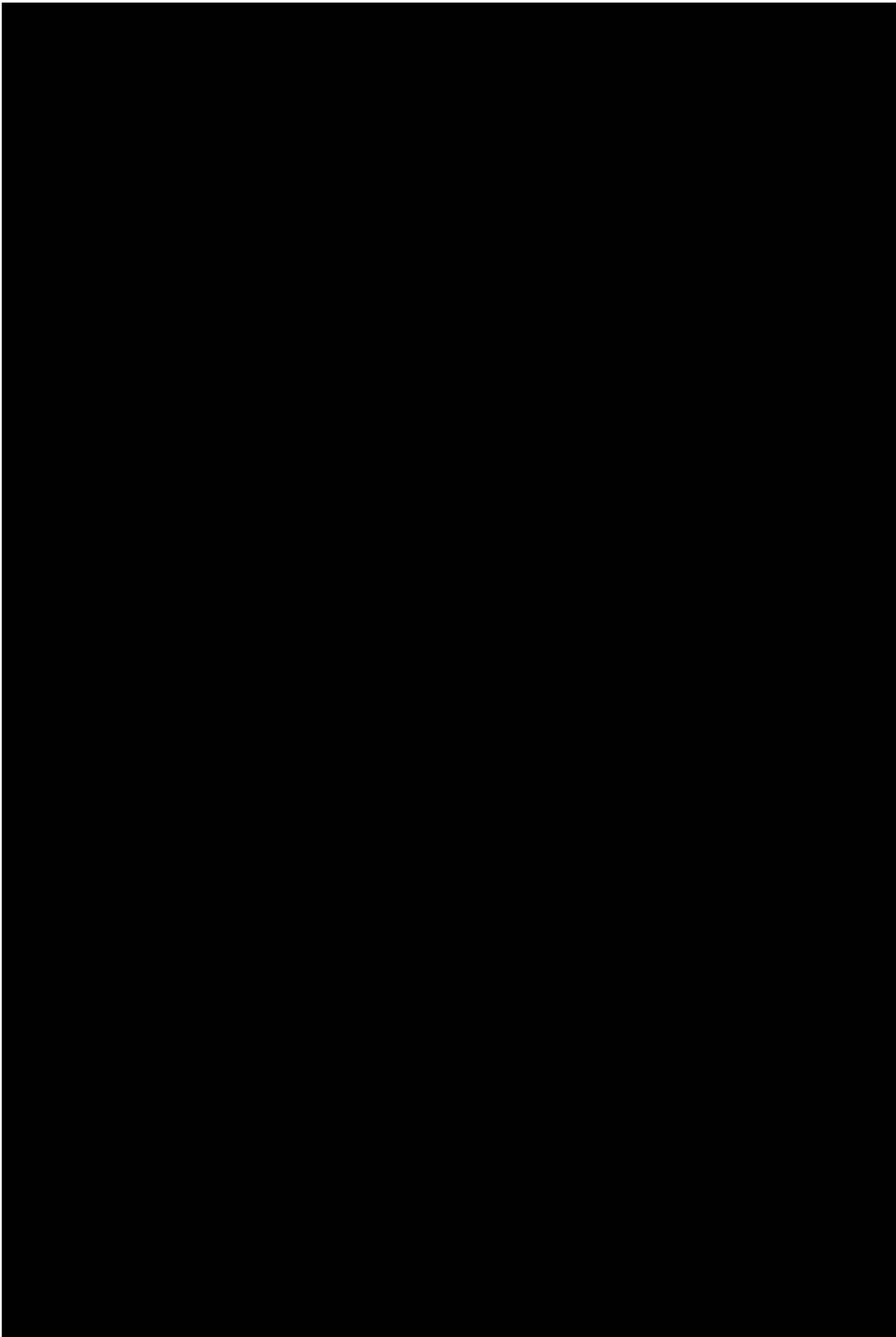


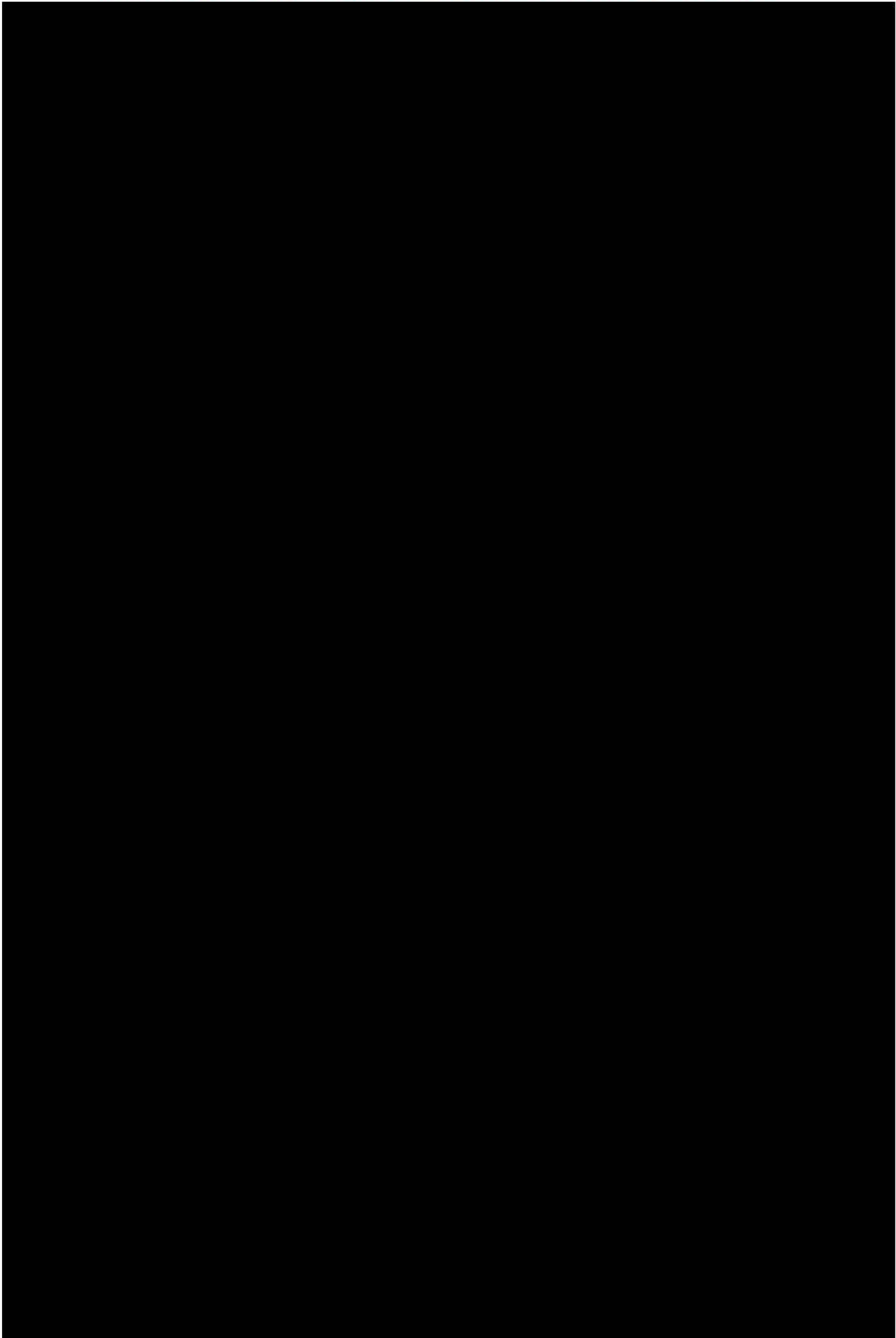


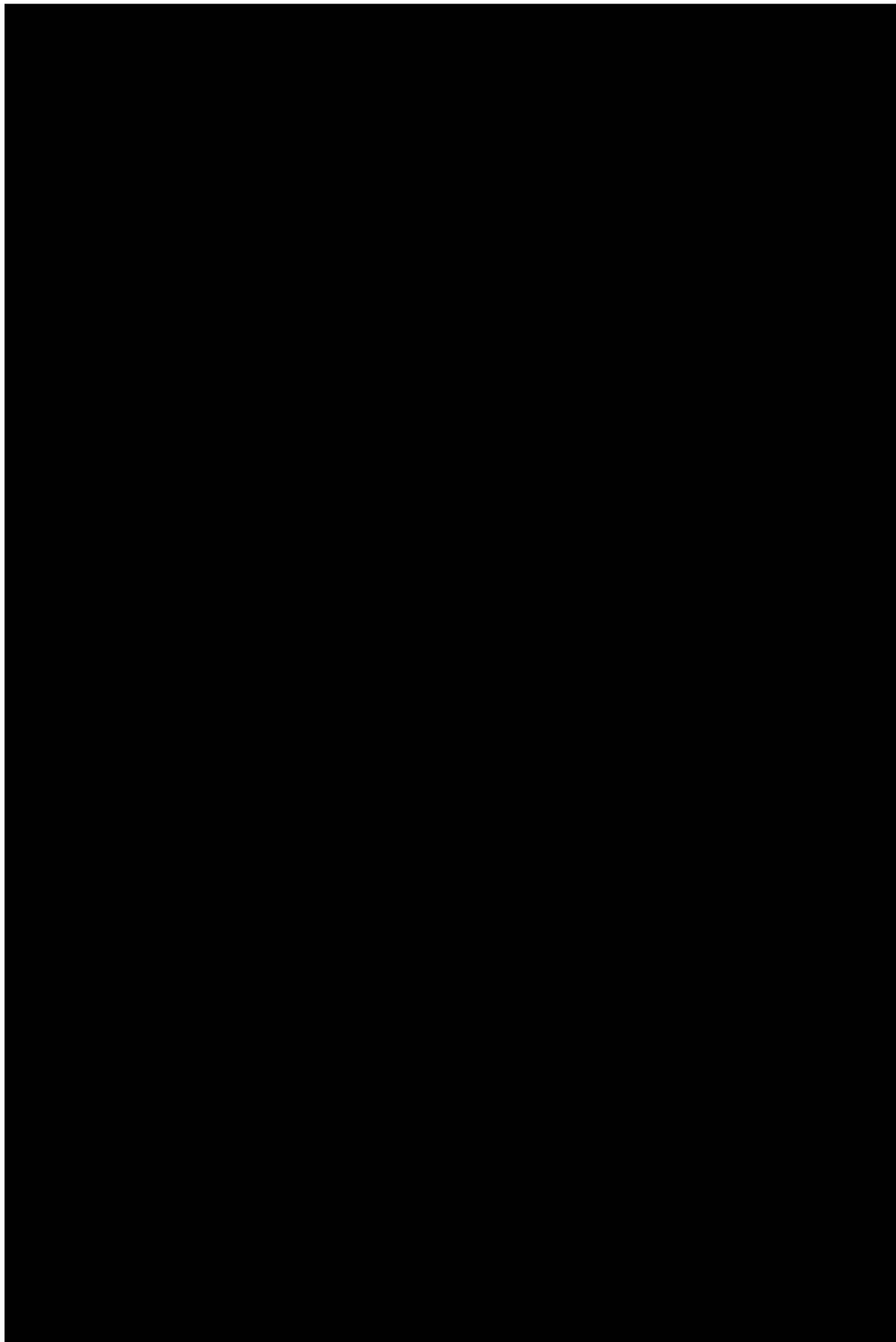


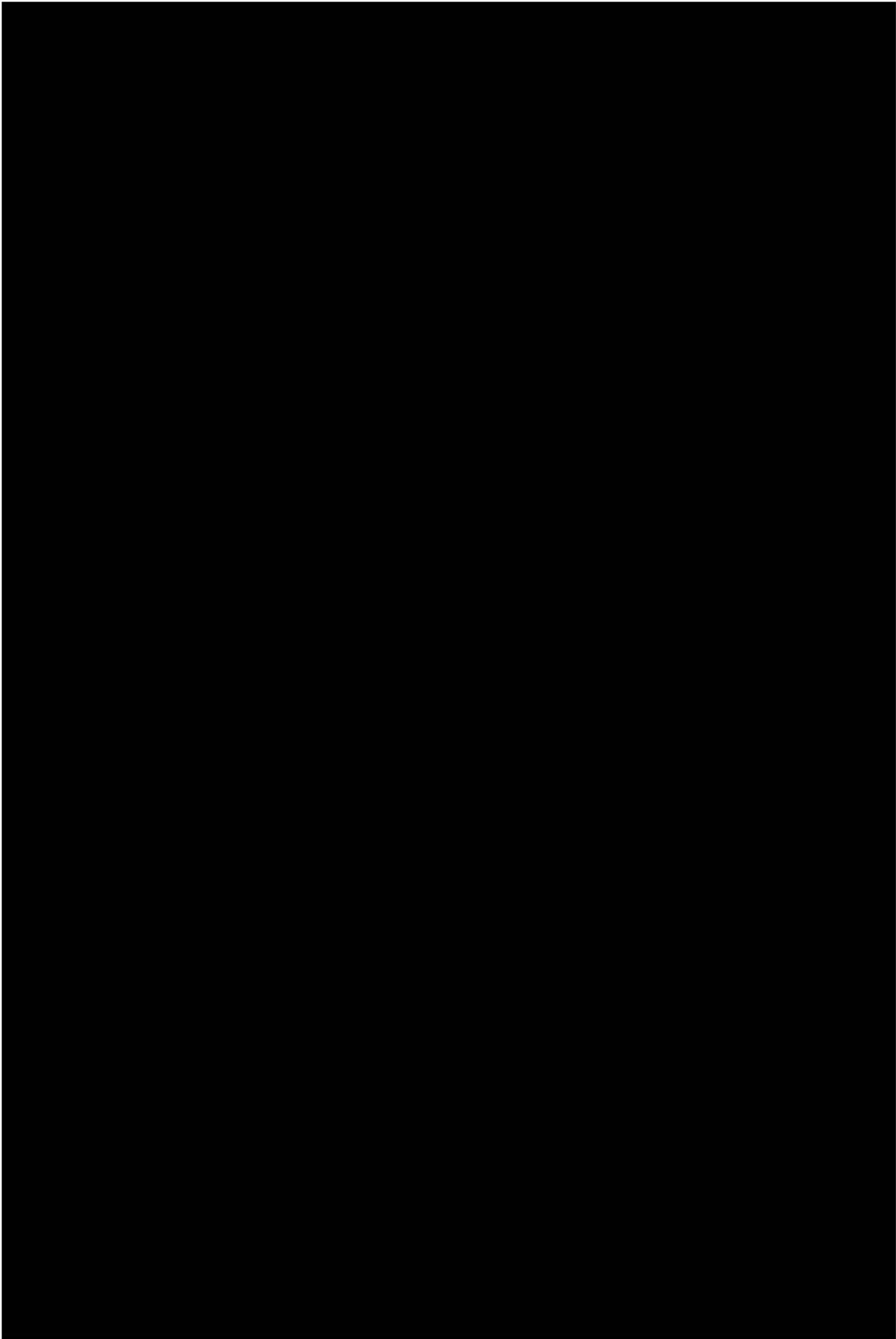


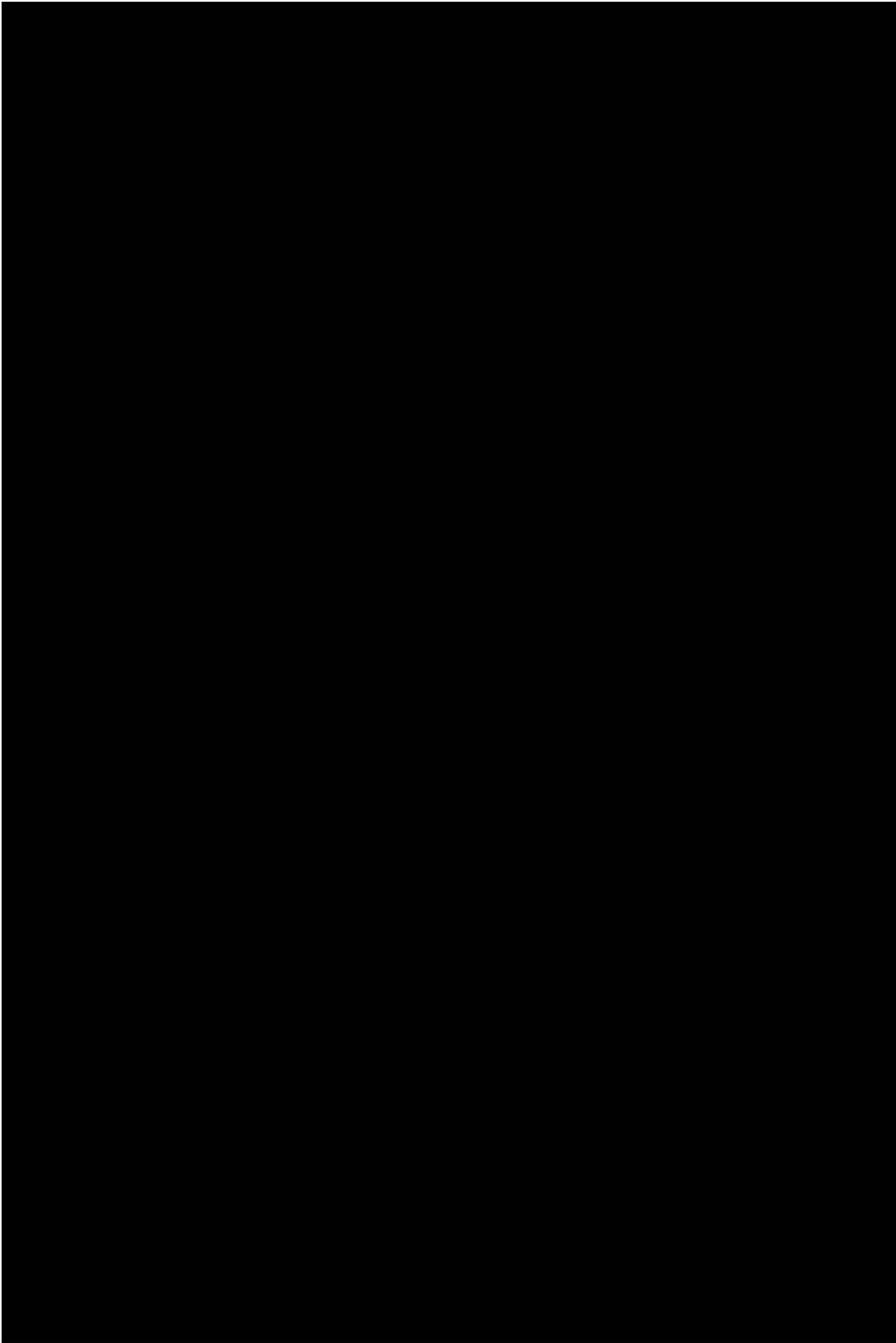


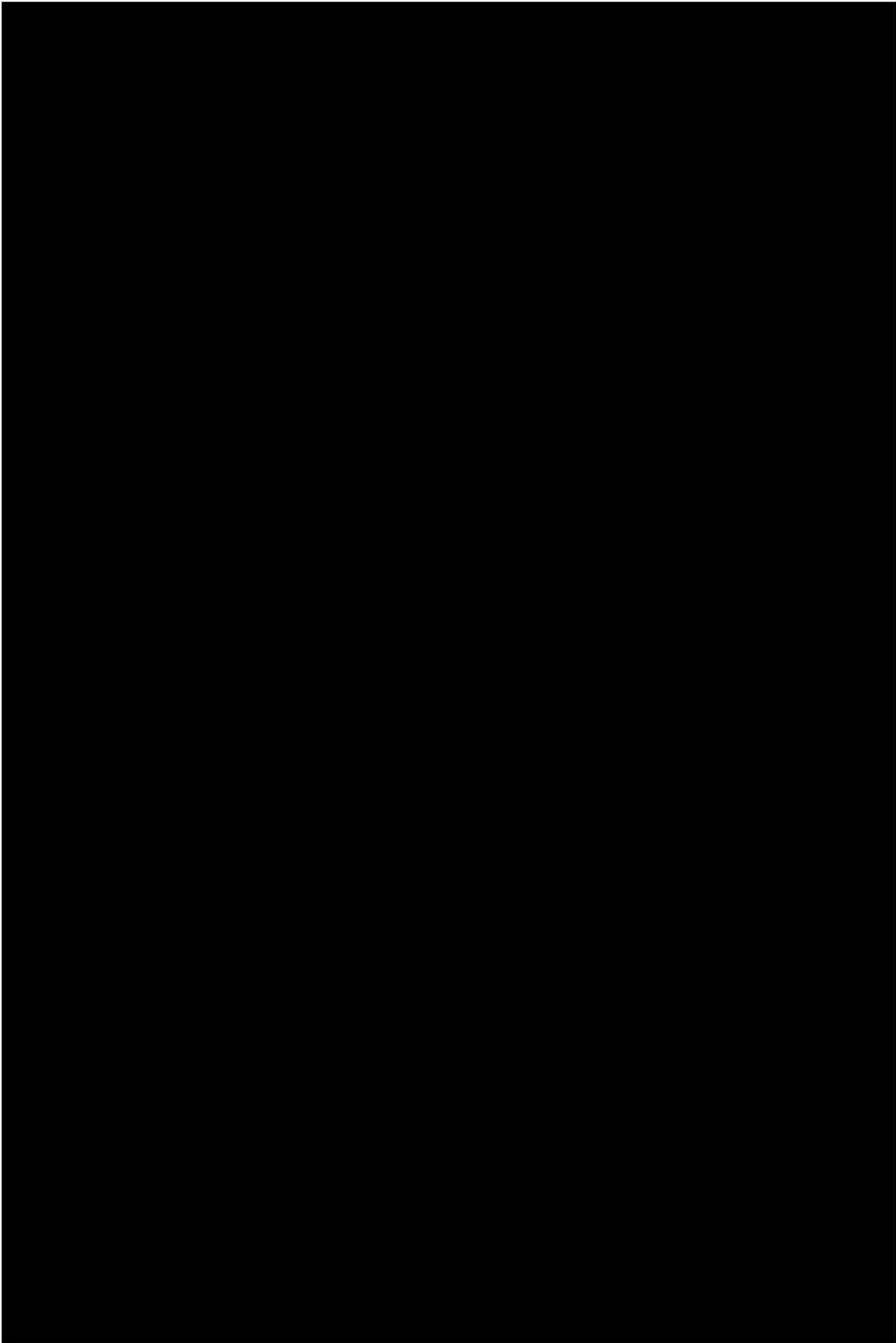




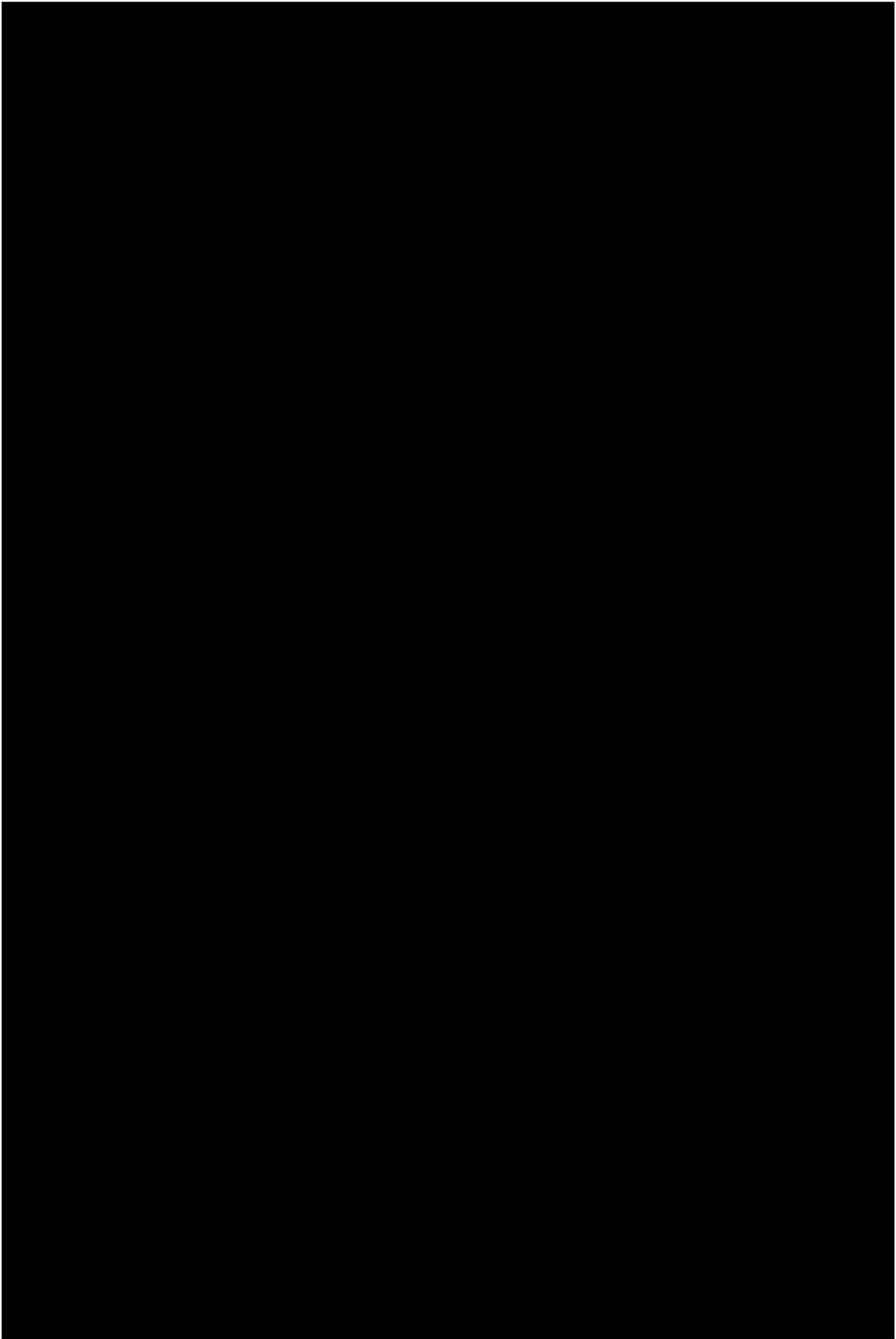


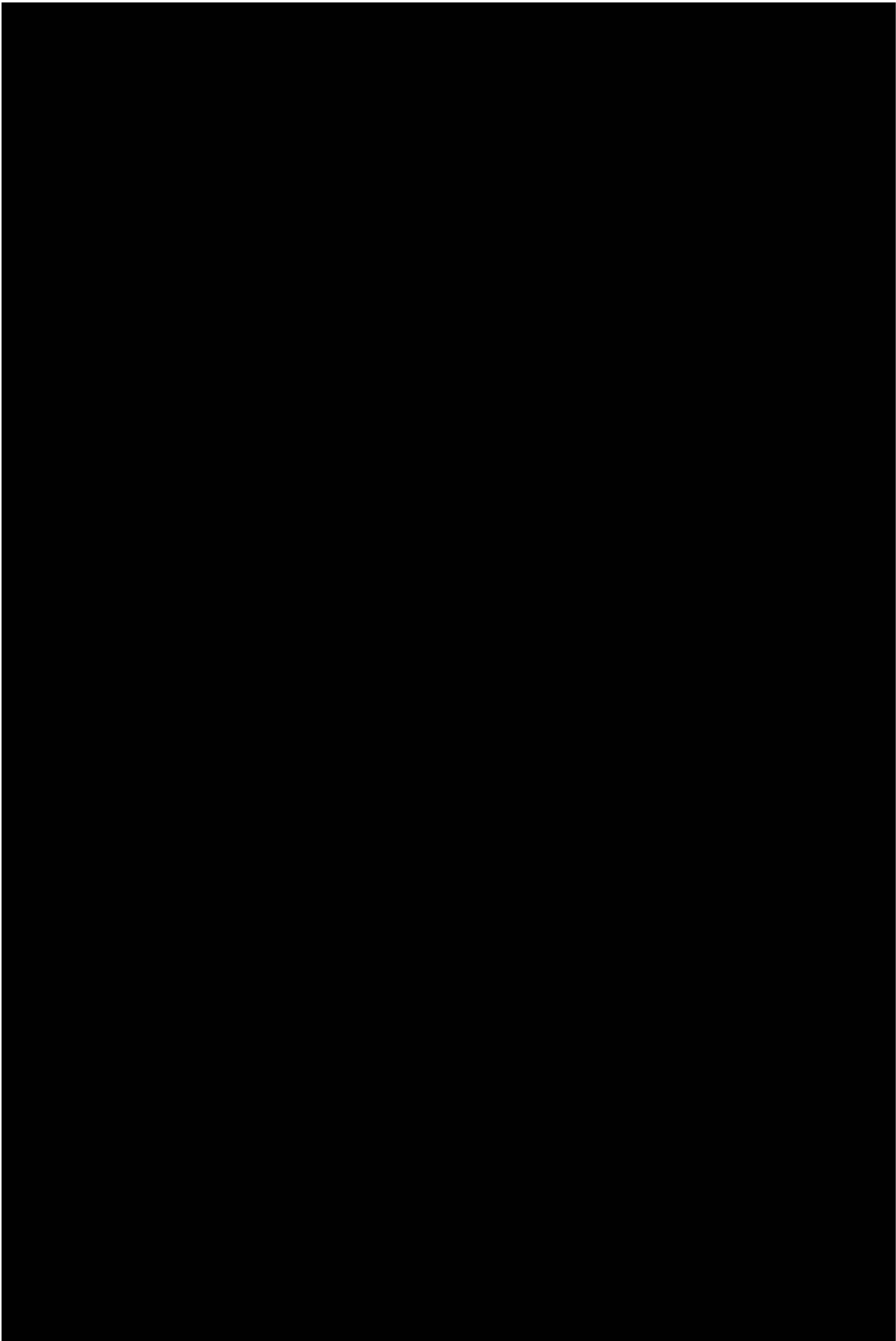


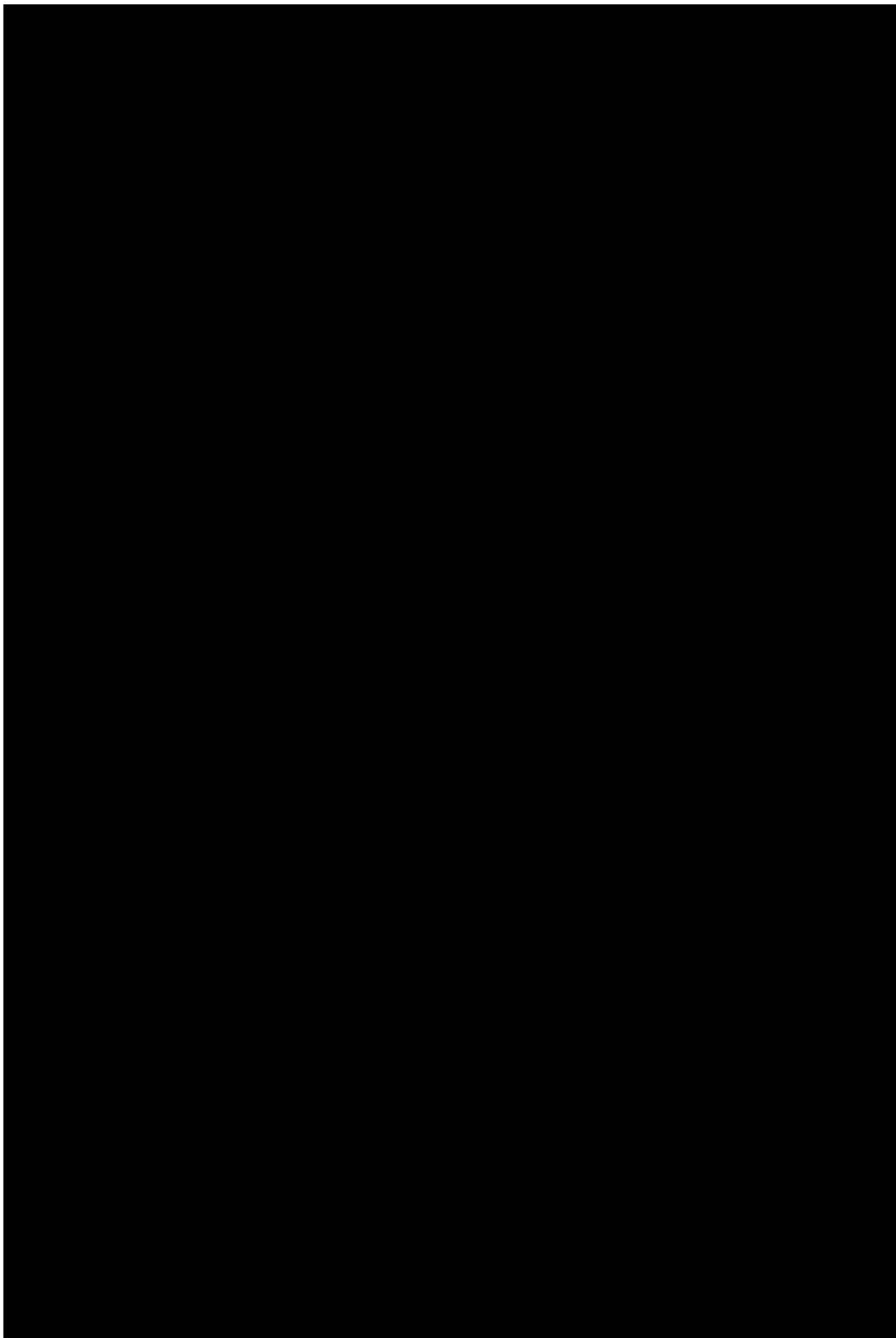


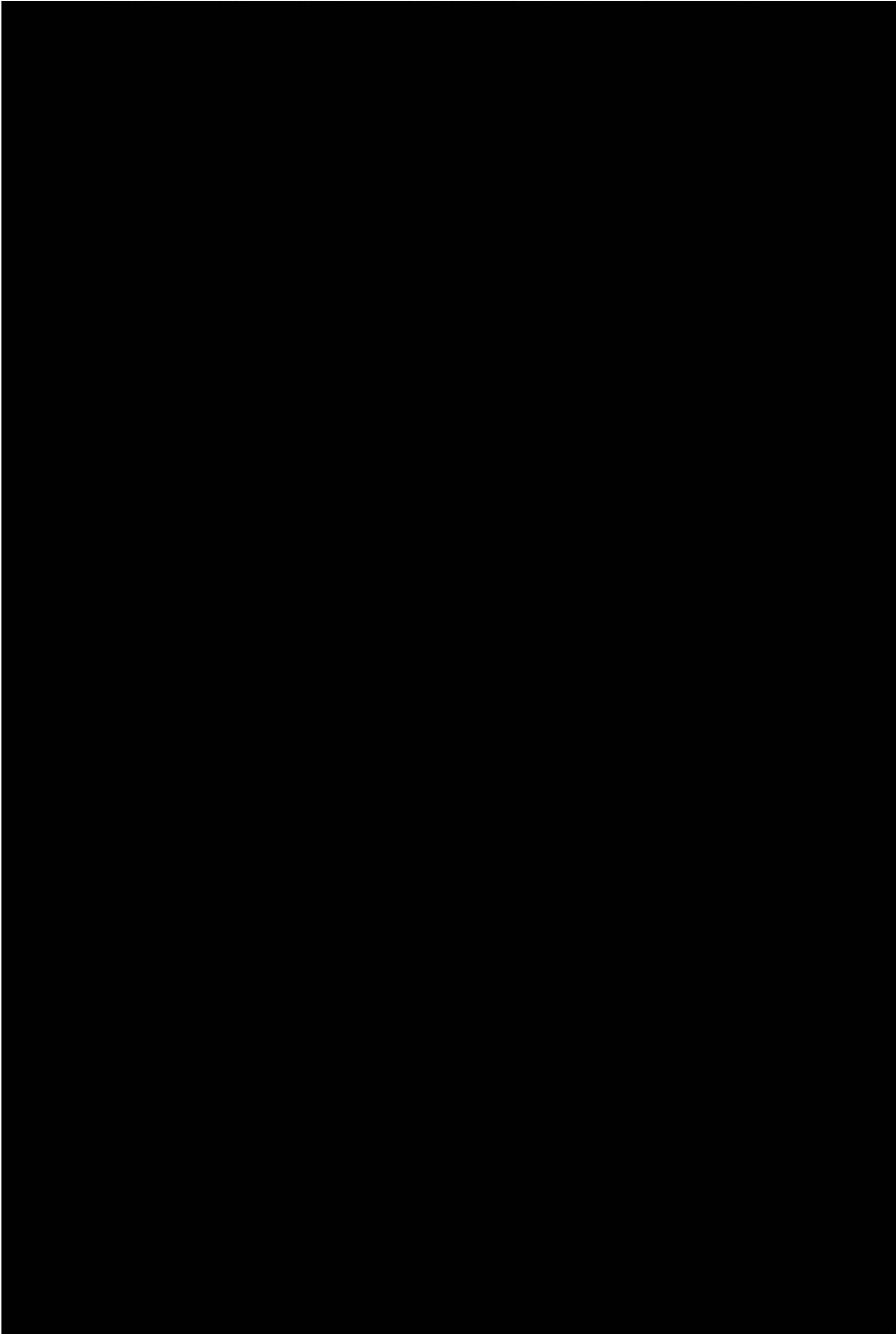


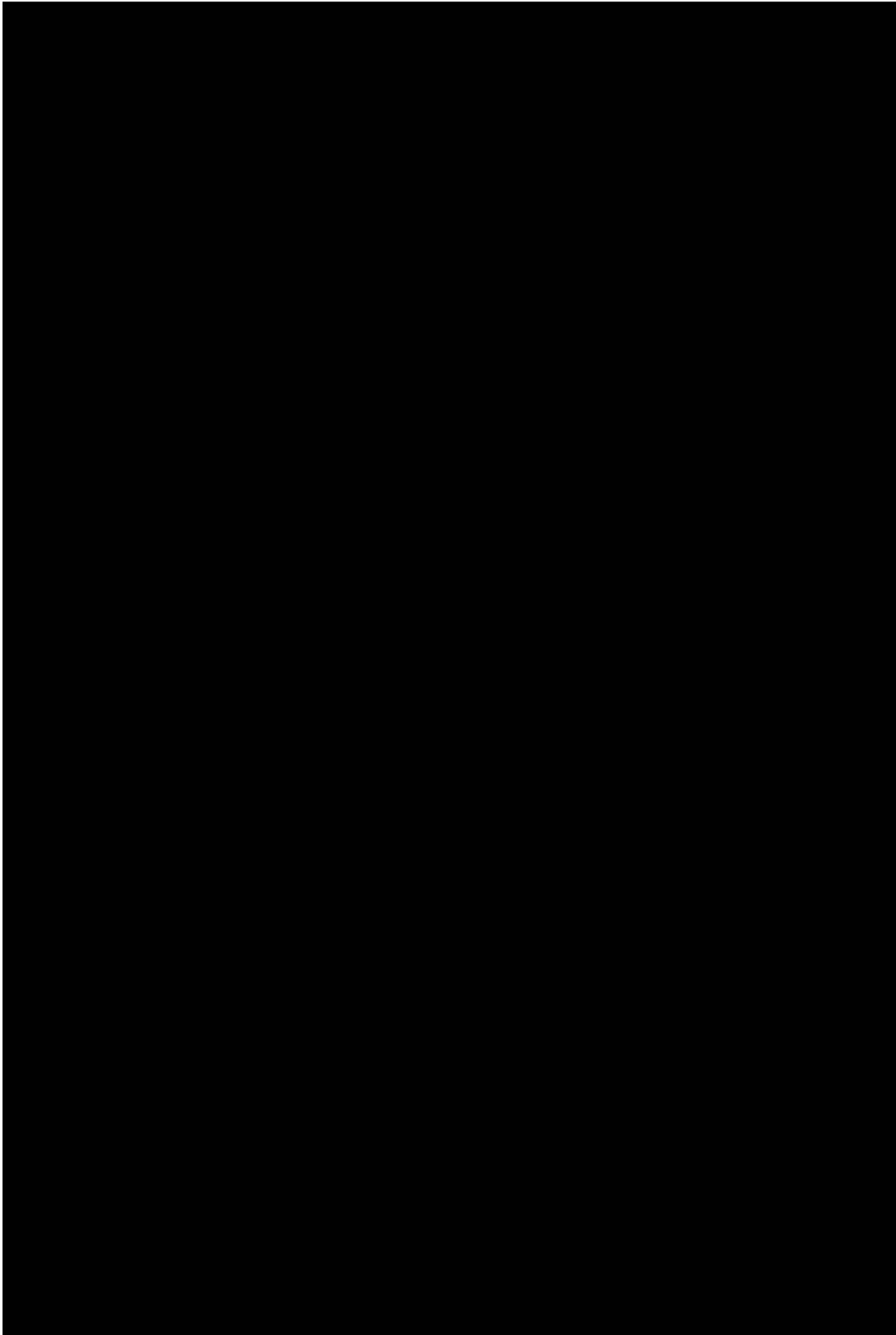


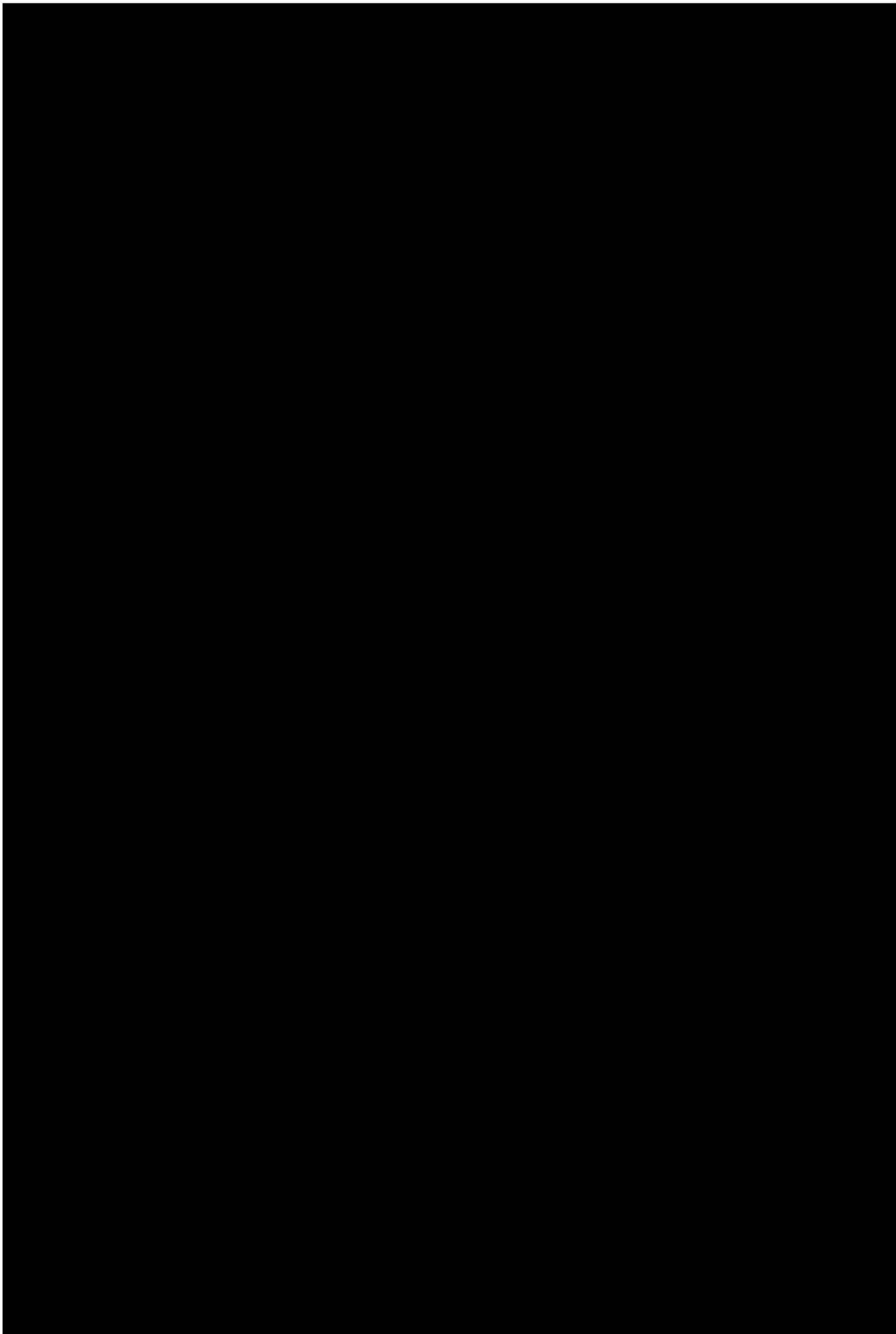












PE14-033

HONDA

1/23/2015

Q8

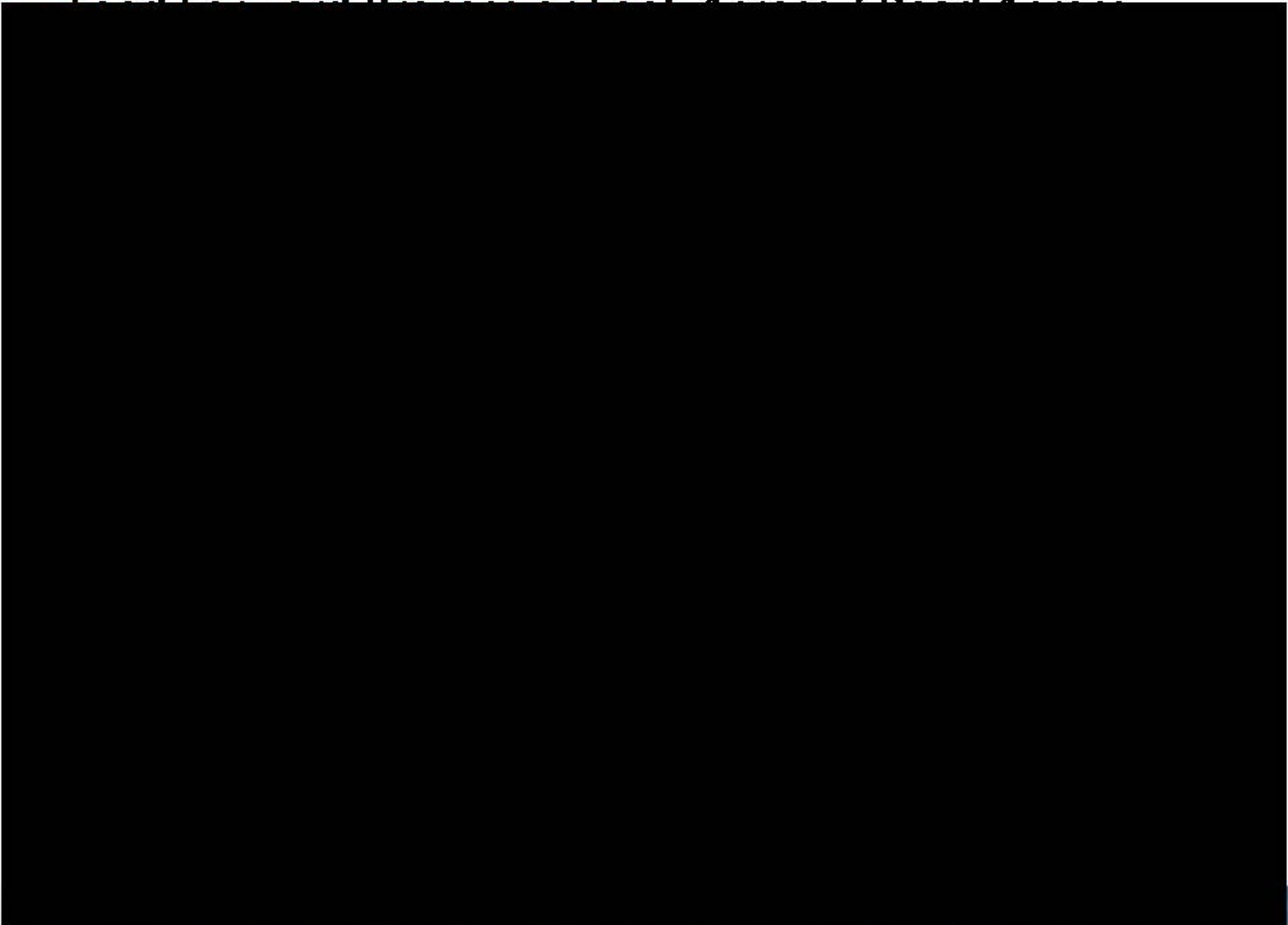
Smashed bond wire

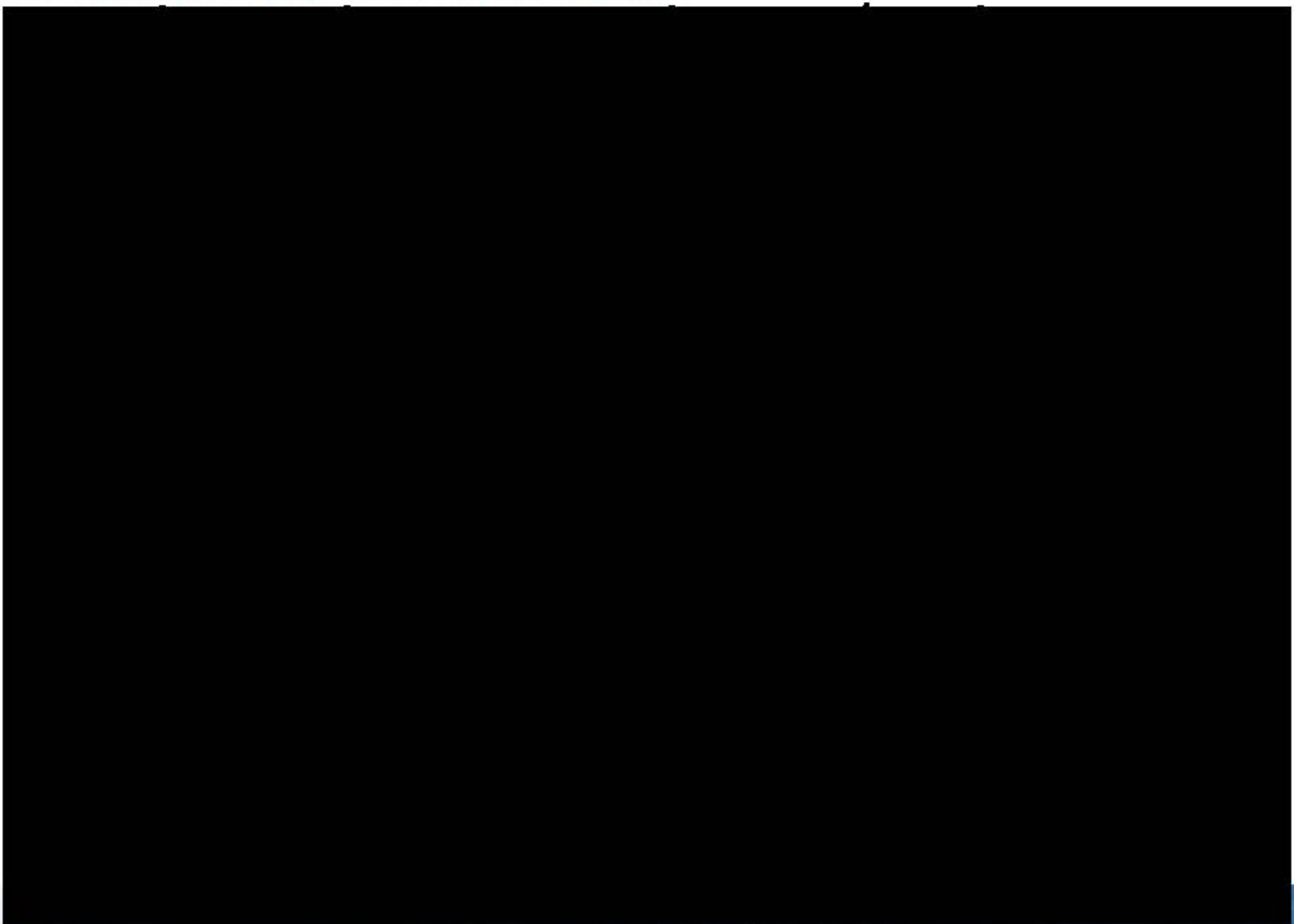
Q8-13 - Feed Forward Process  
or Look Across\_REDACTED



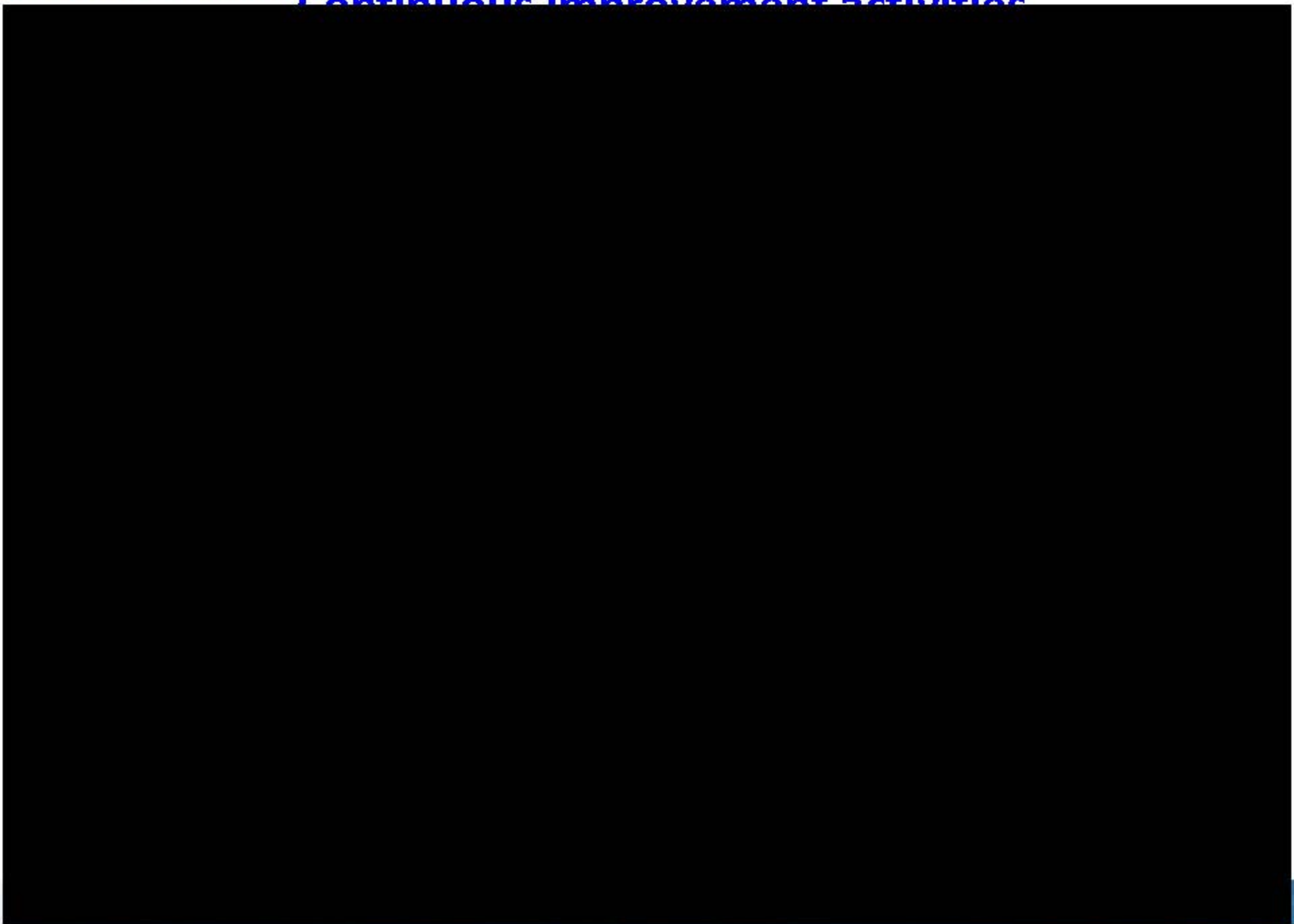


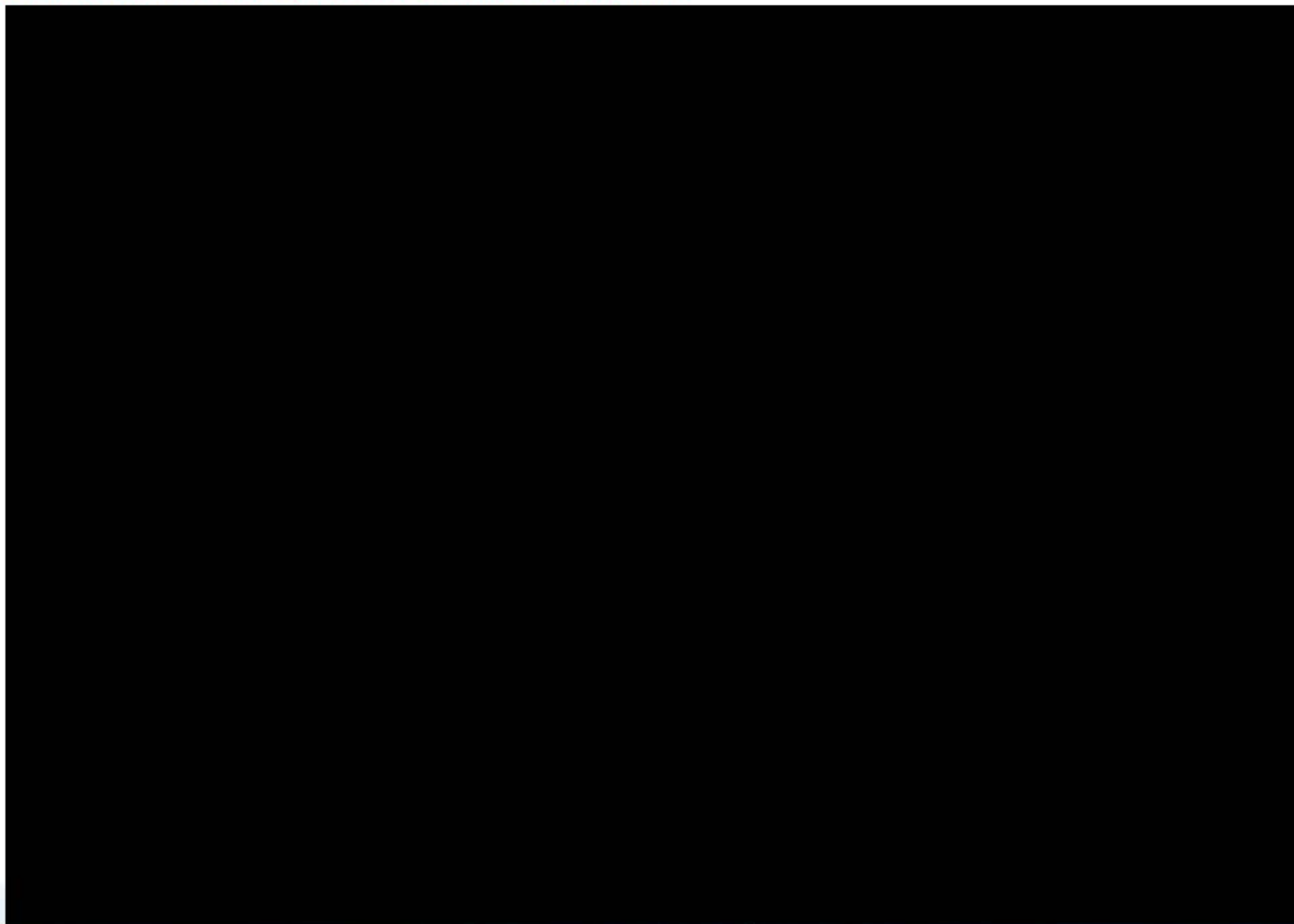
Entity: [REDACTED] / [REDACTED]



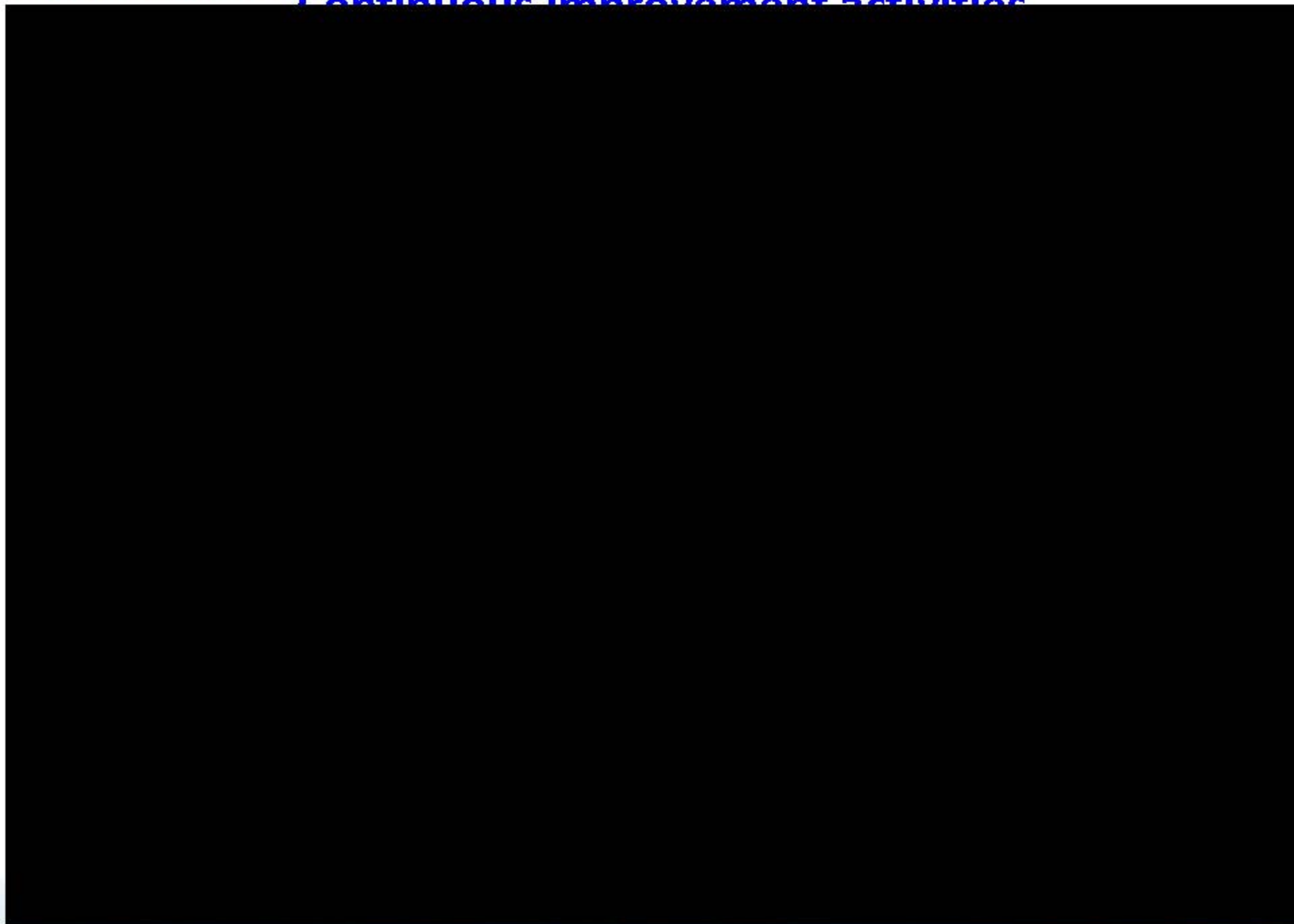


## Continuous improvement activities

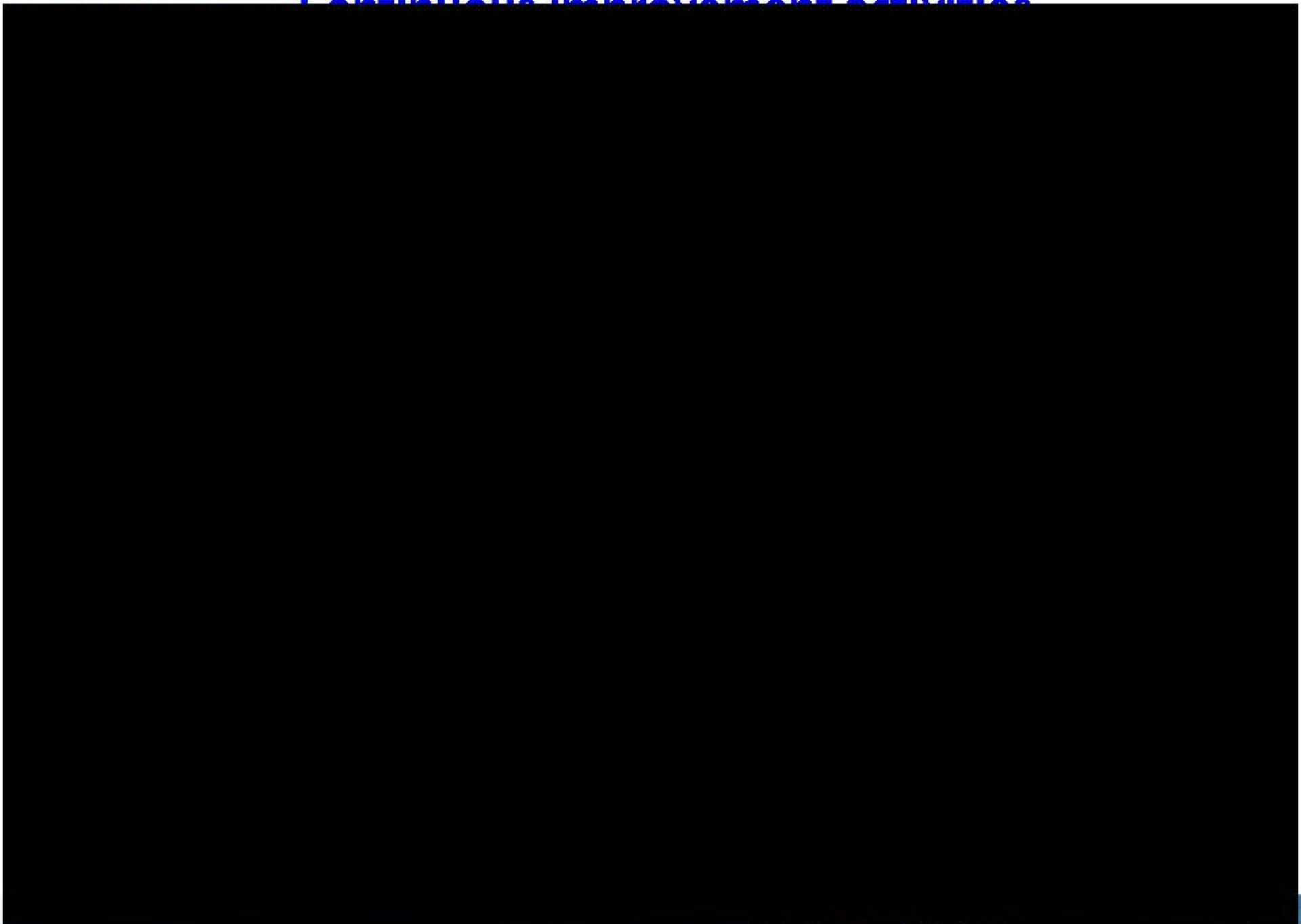




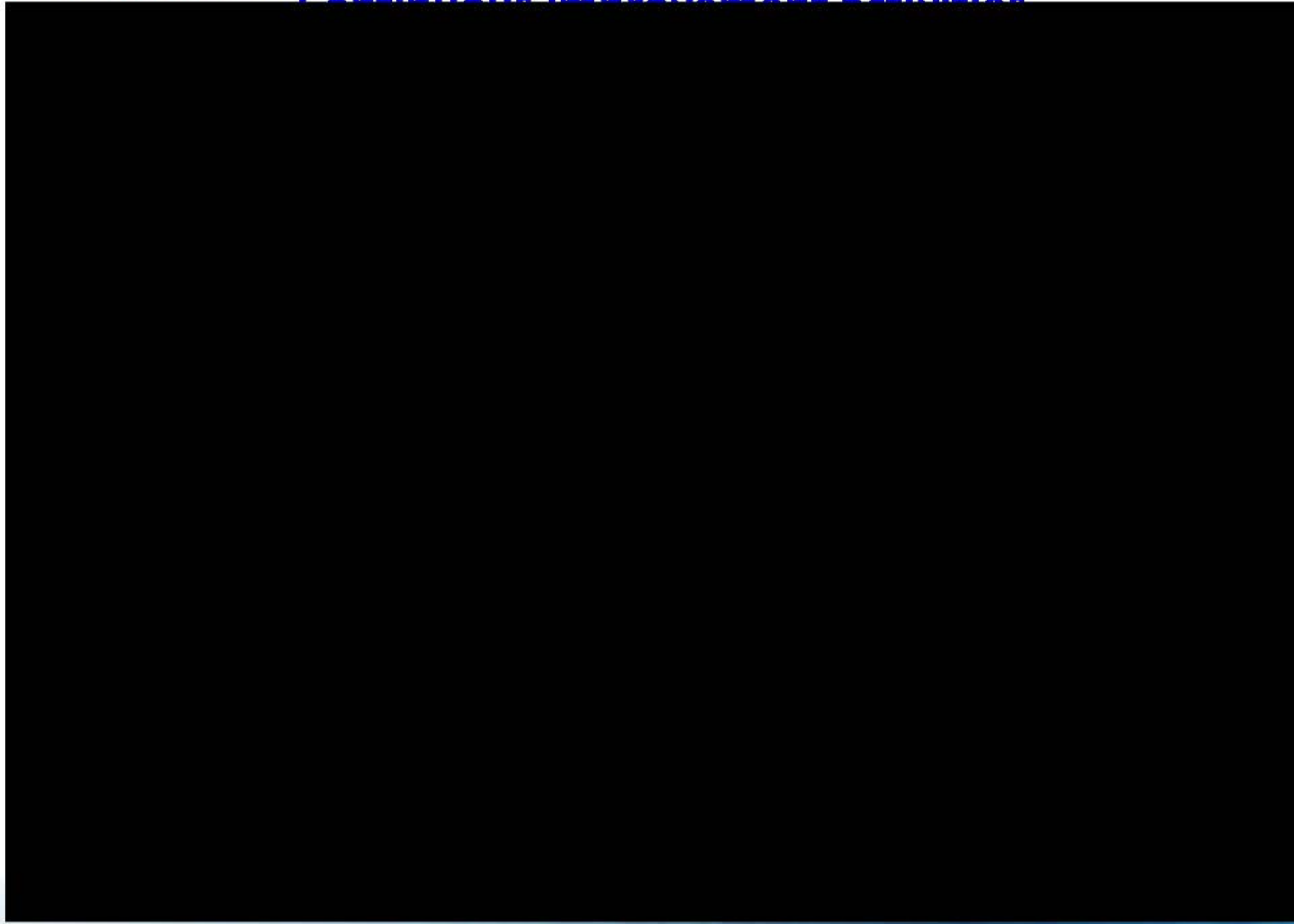
## Continuous improvement activities



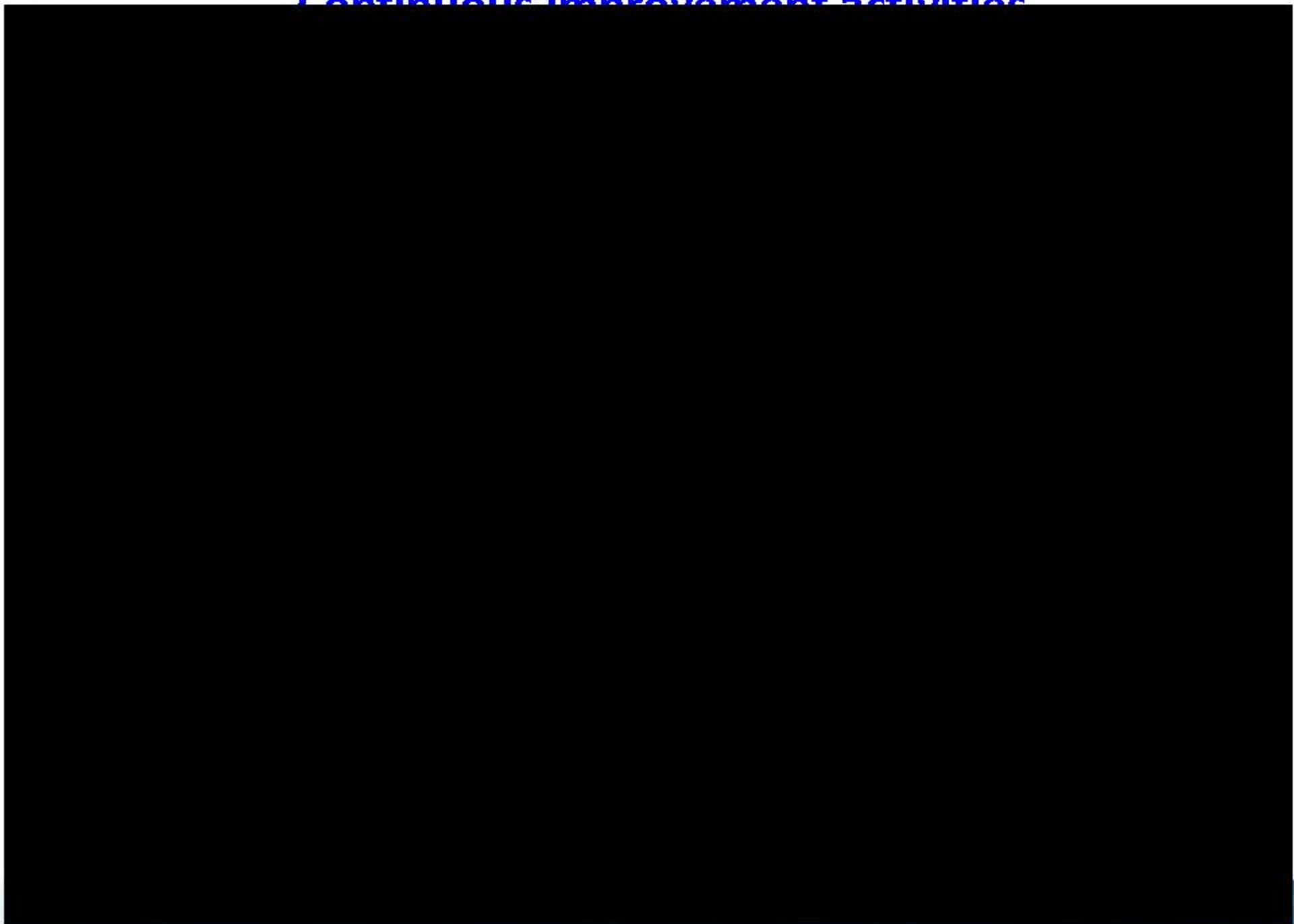
# Continuous improvement activities



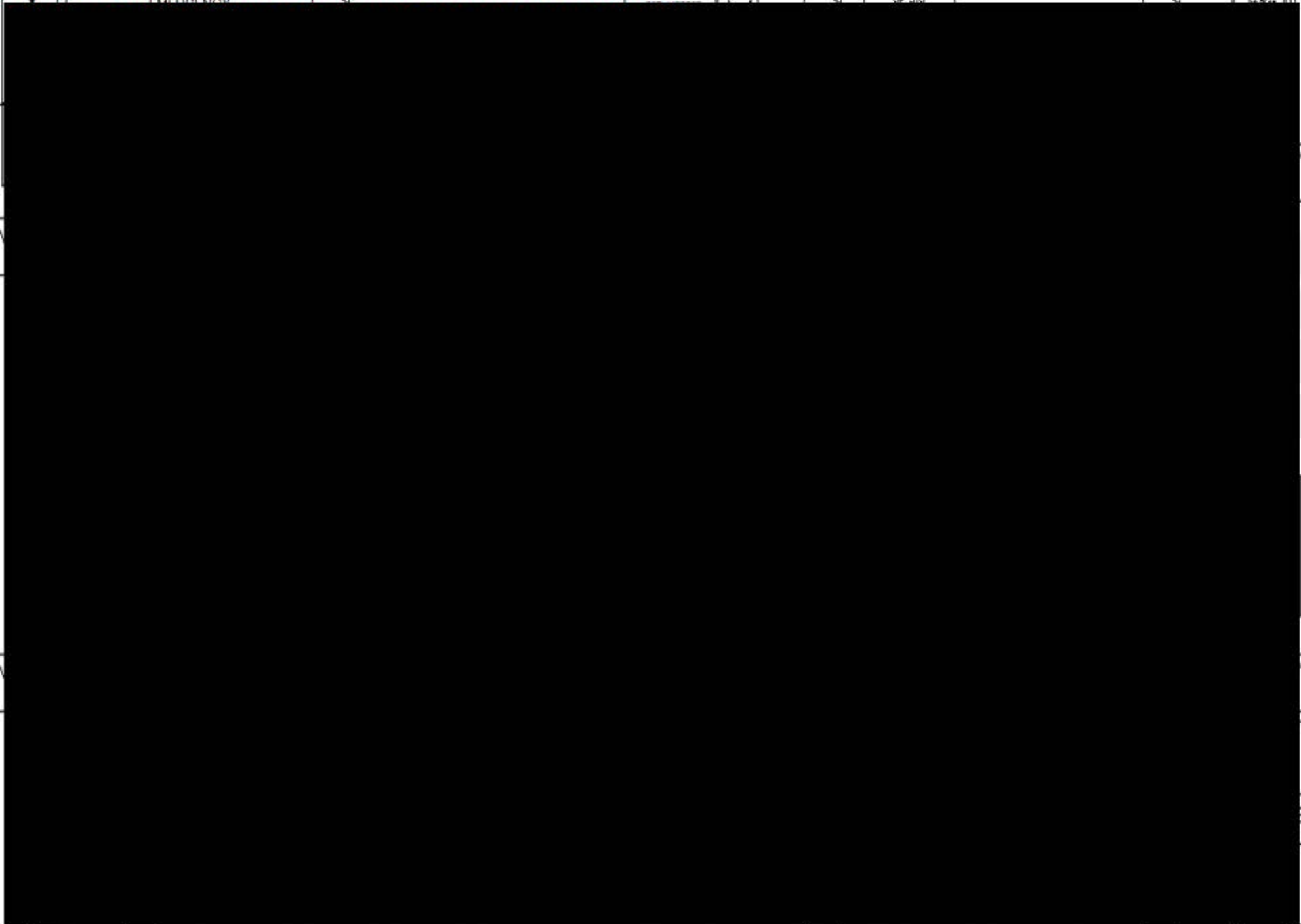
Continuing investment activities

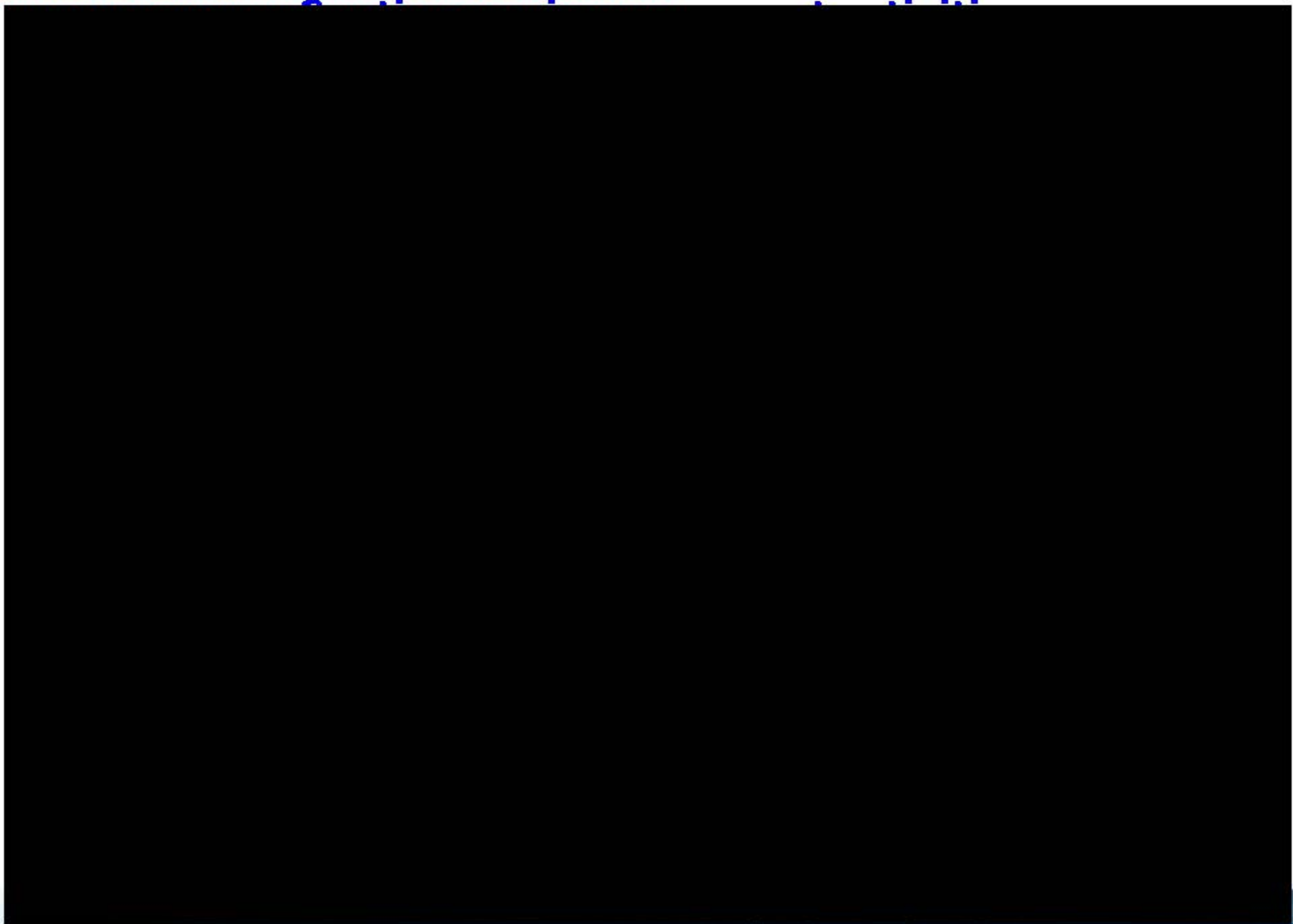


## Continuous improvement activities









ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

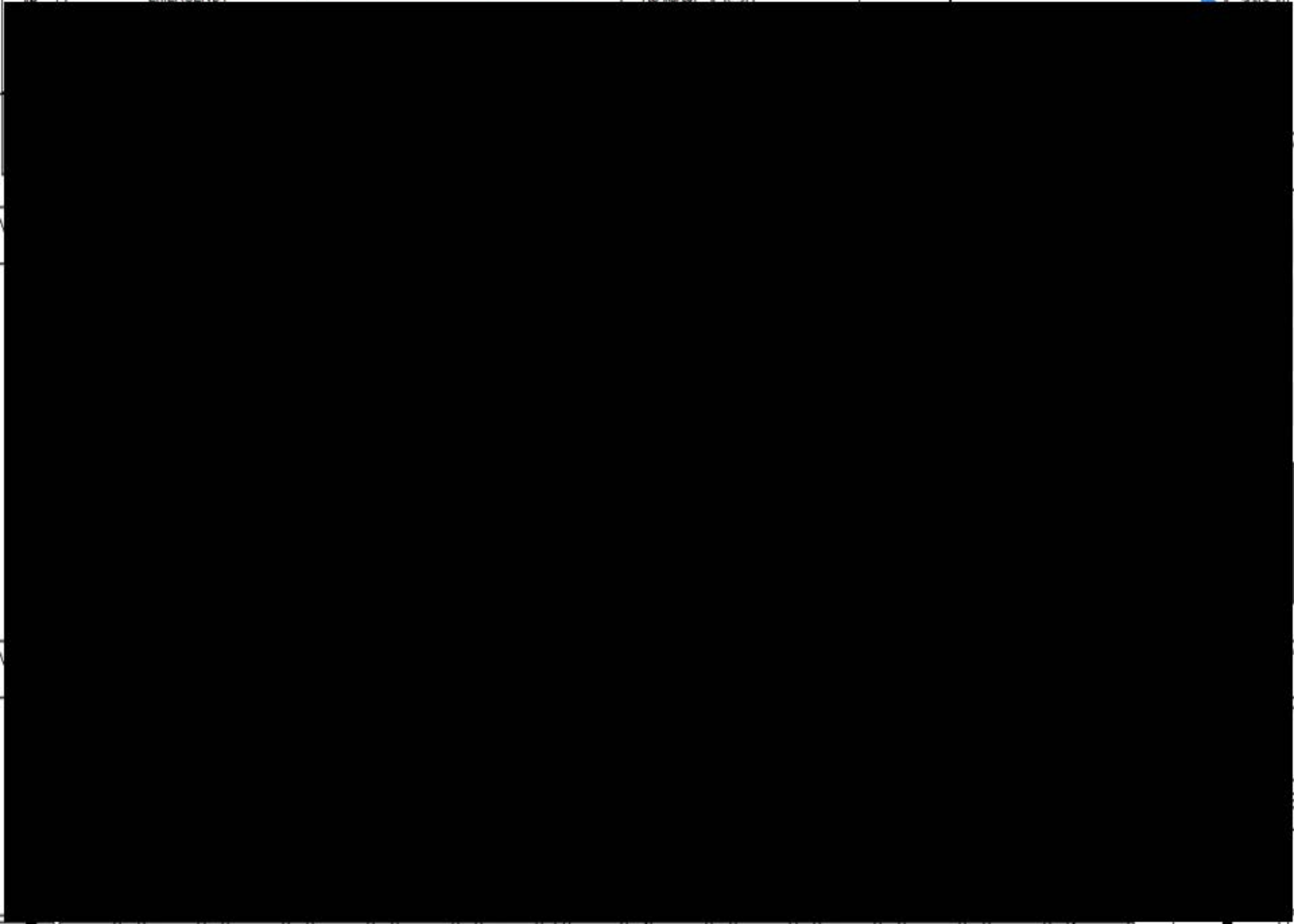
EMERGENCY

PTB INSPECT

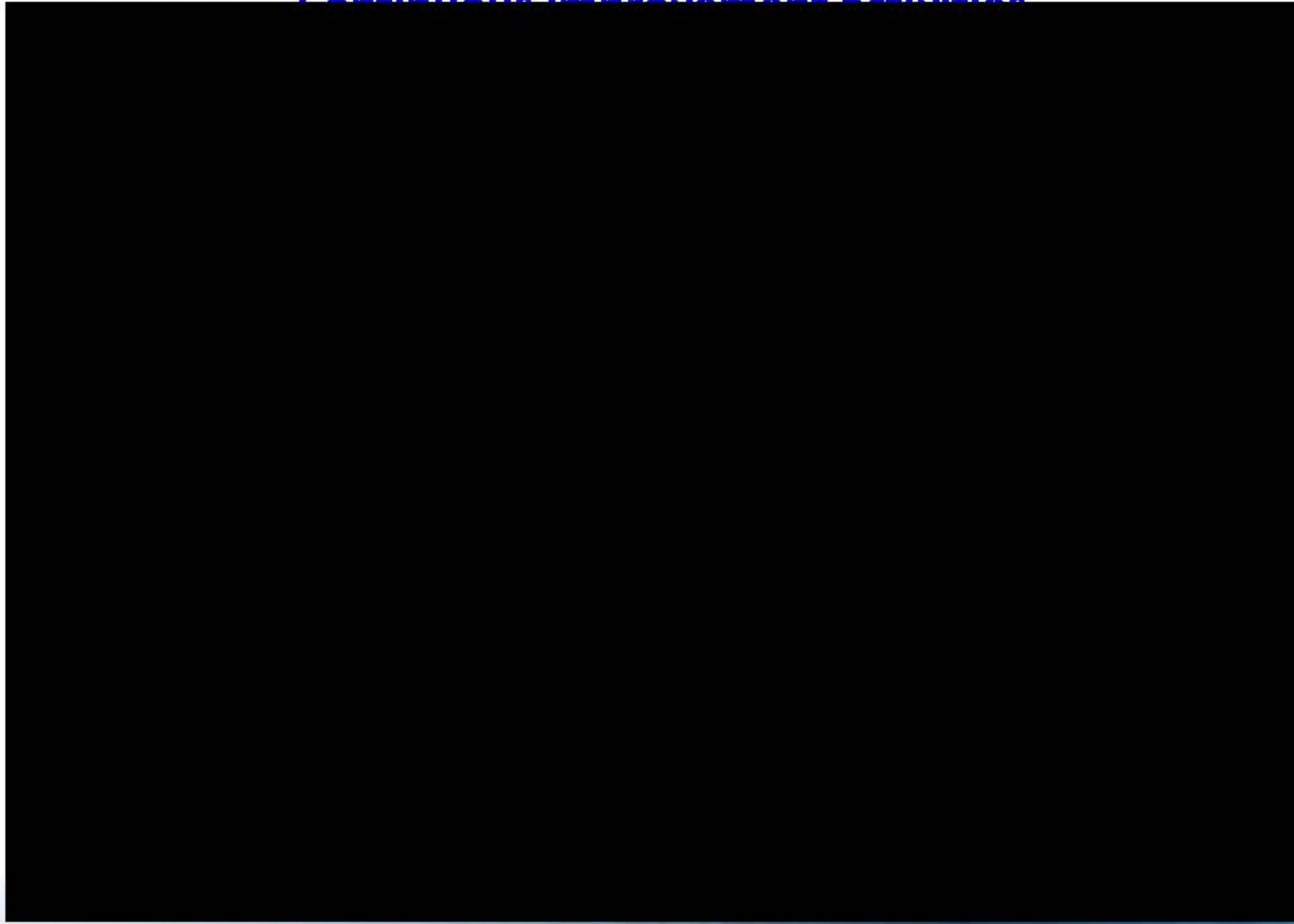
OP 310

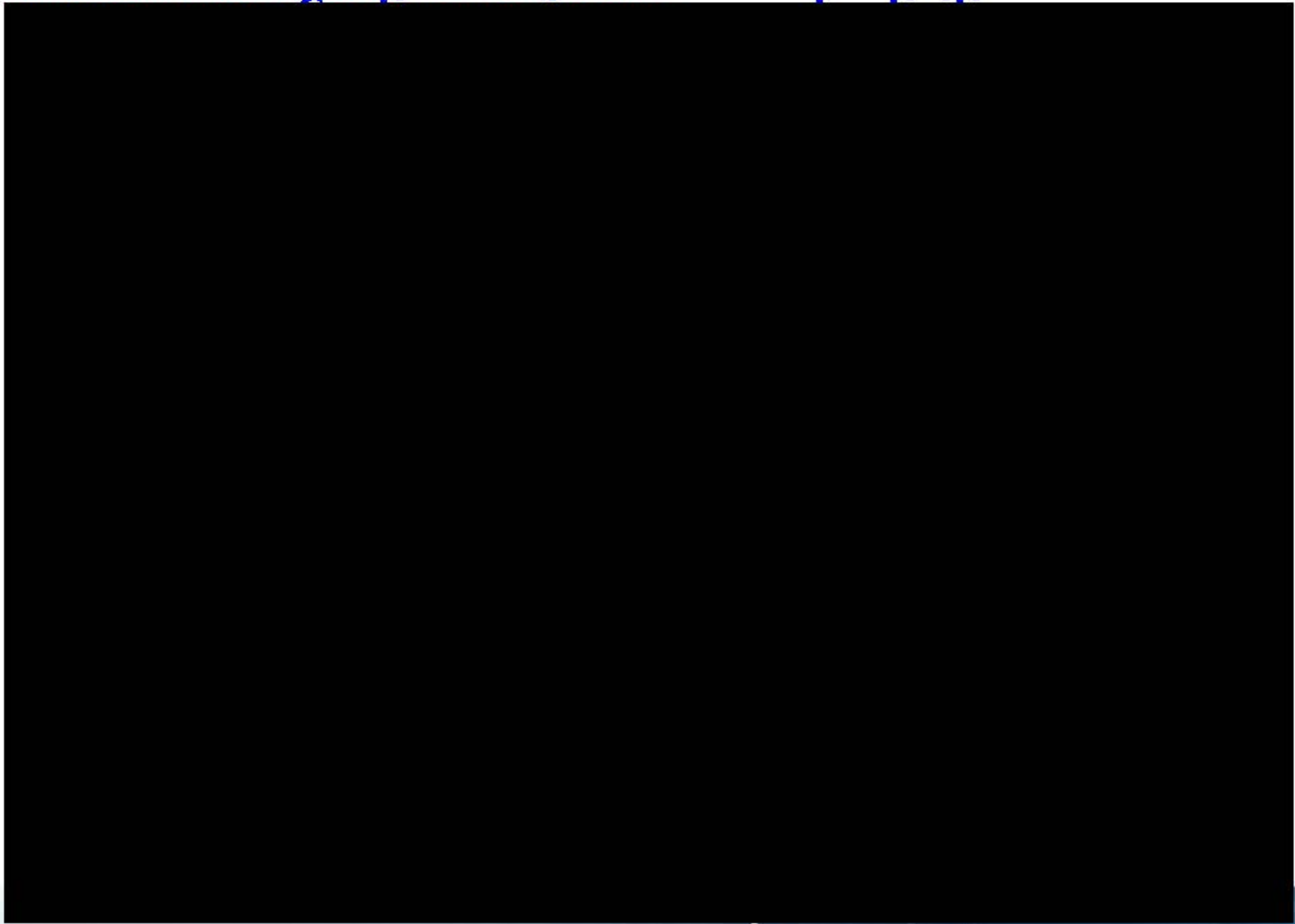
GAUGES

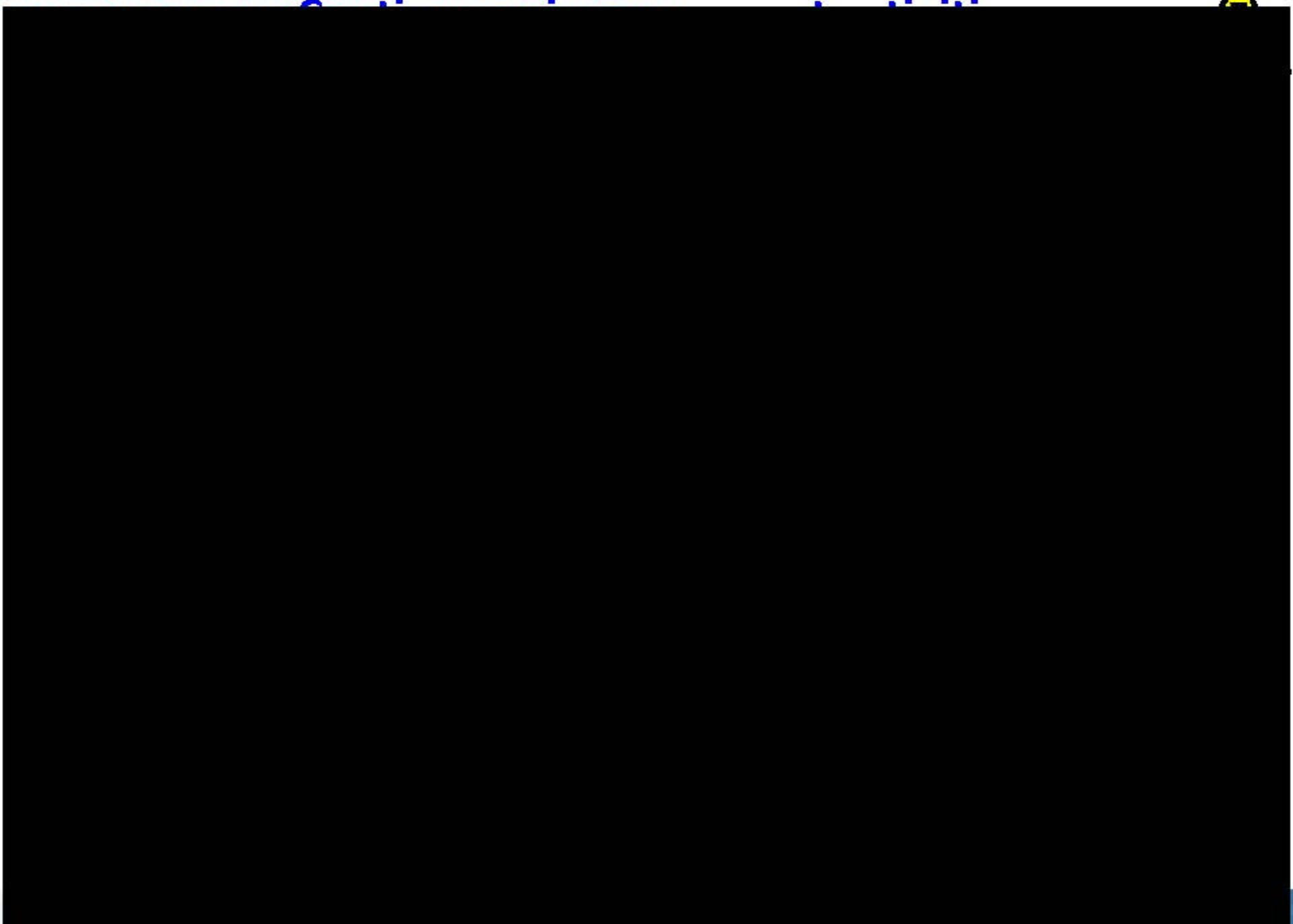
SSS  
UNLOC  
SYSTEM

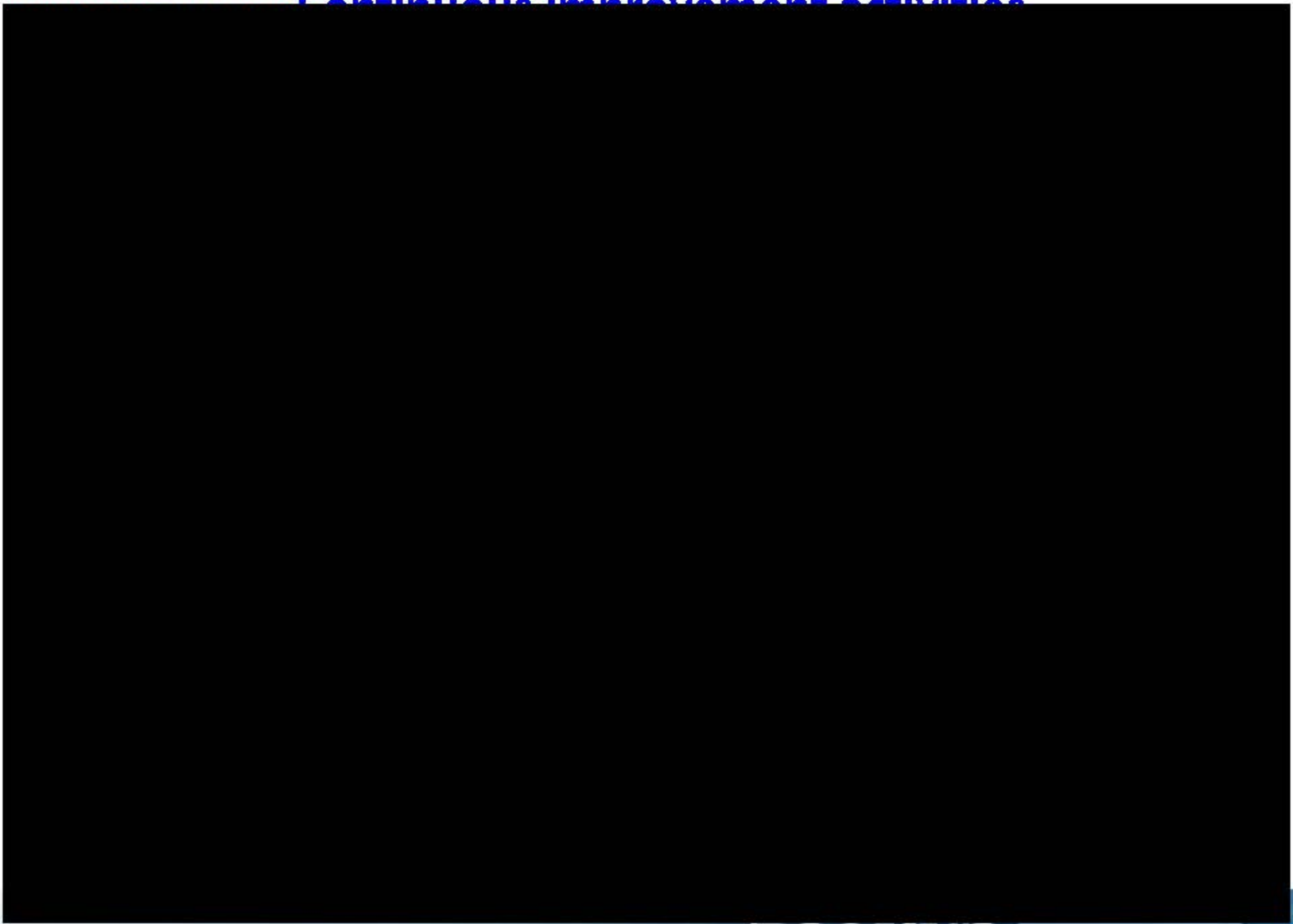


## Continuous improvement activities

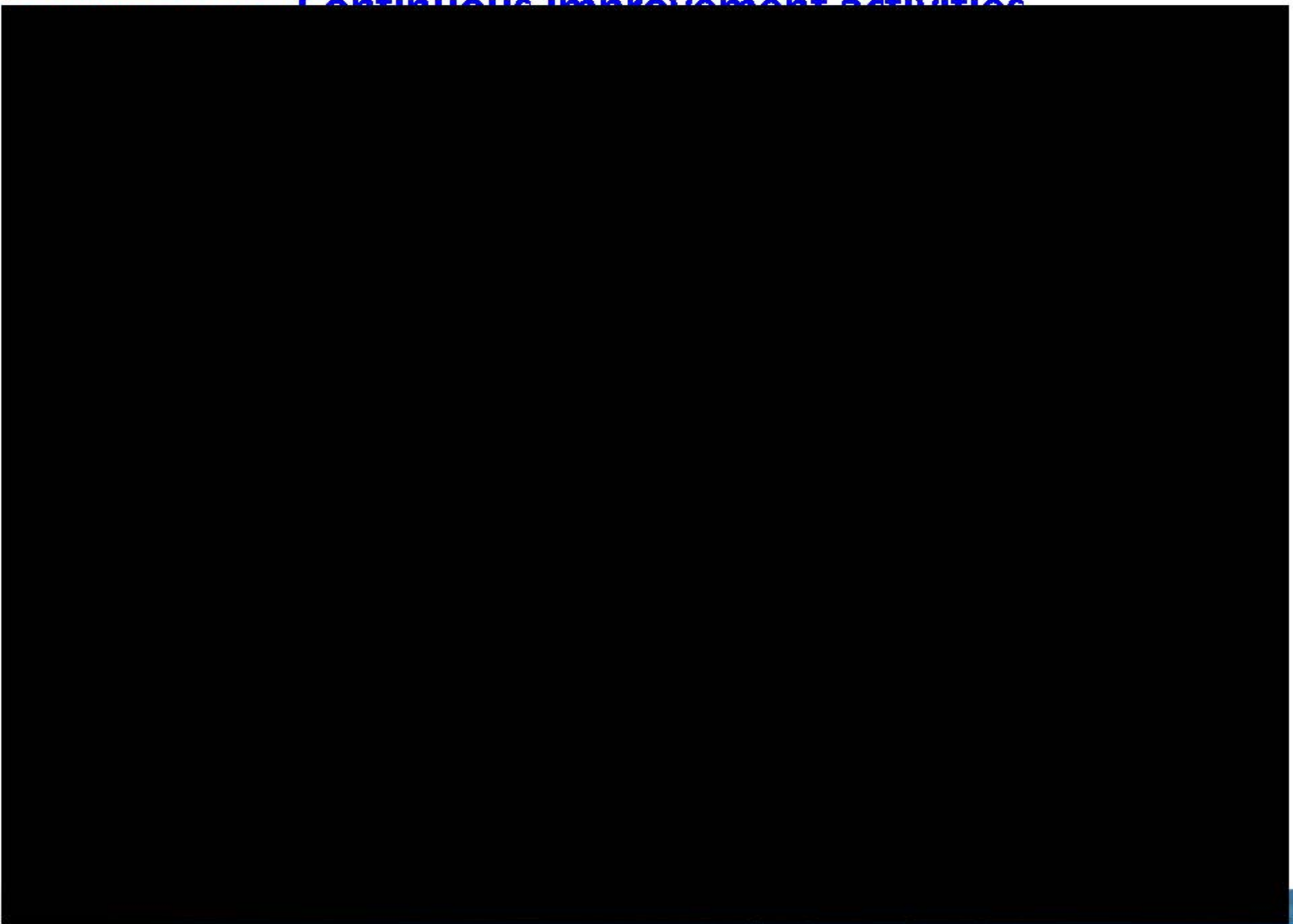




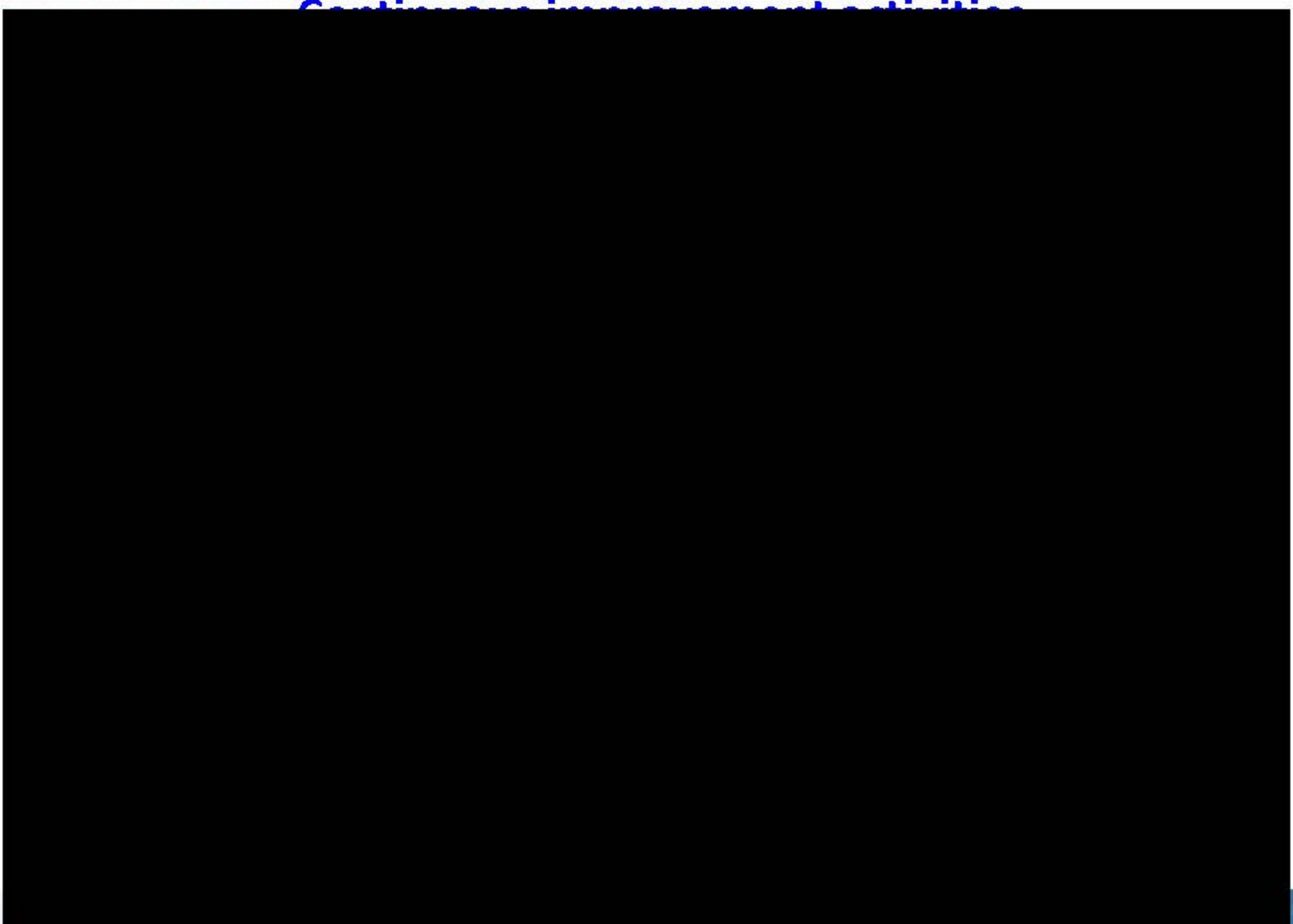


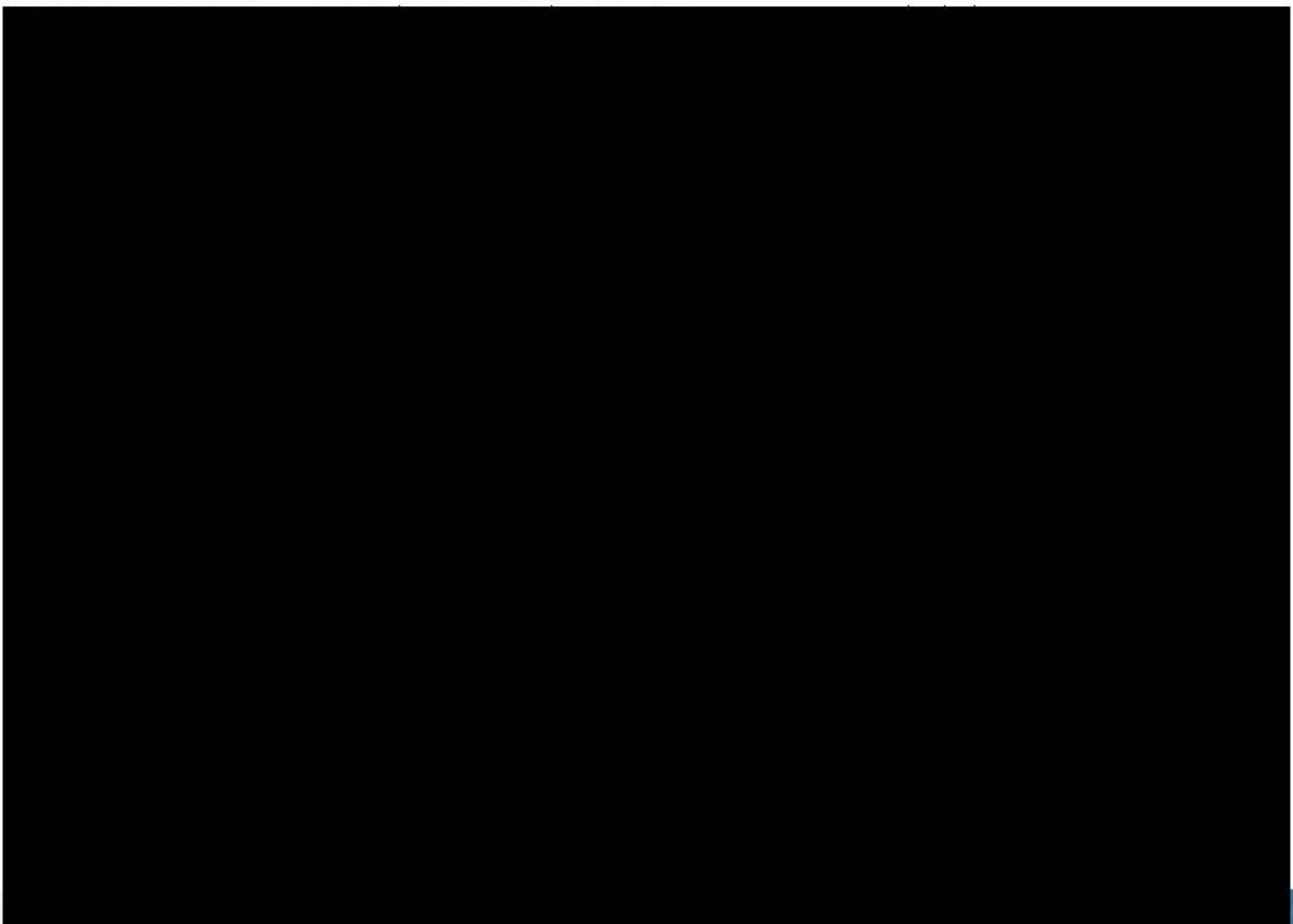


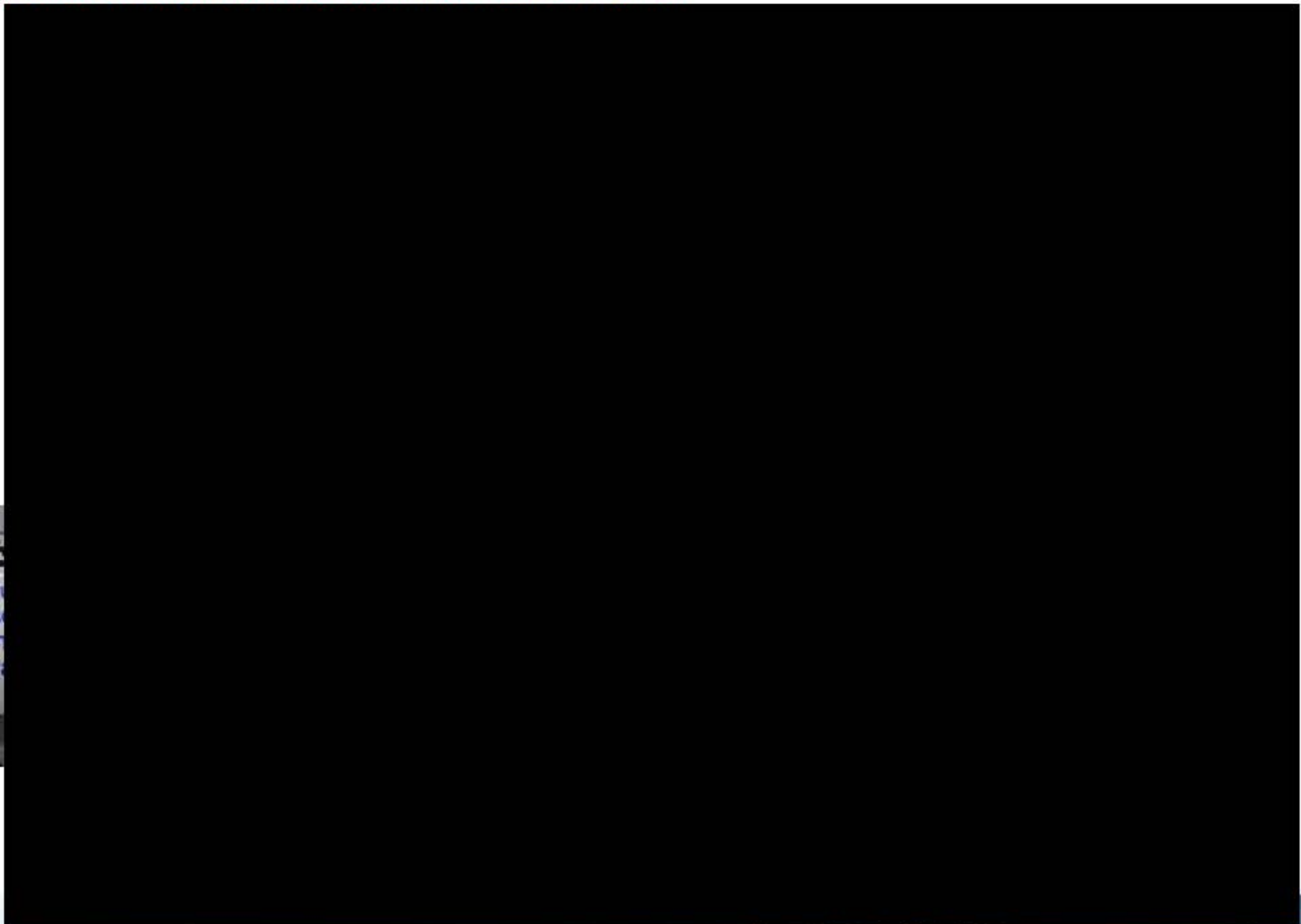
# Continuous improvement activities

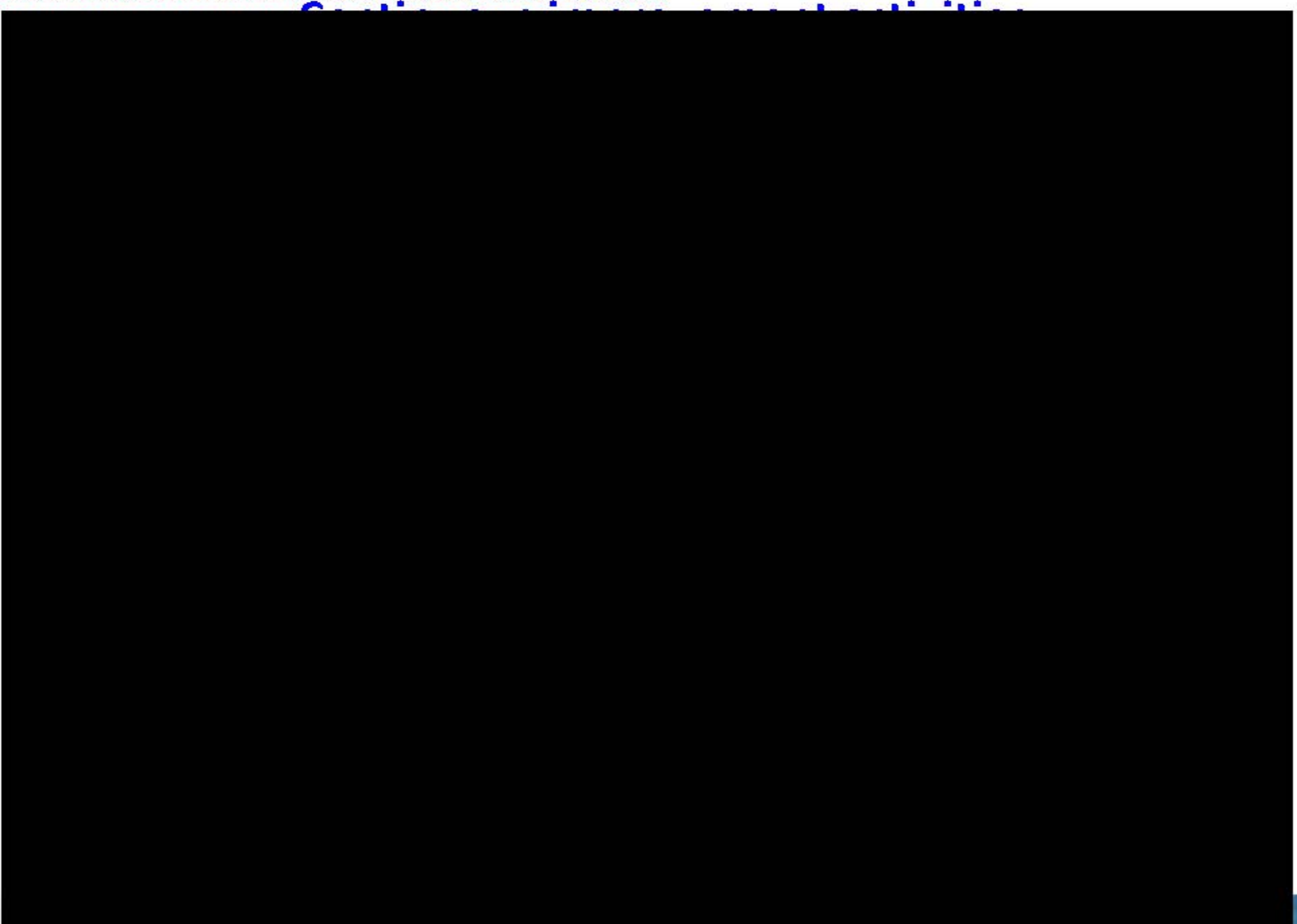


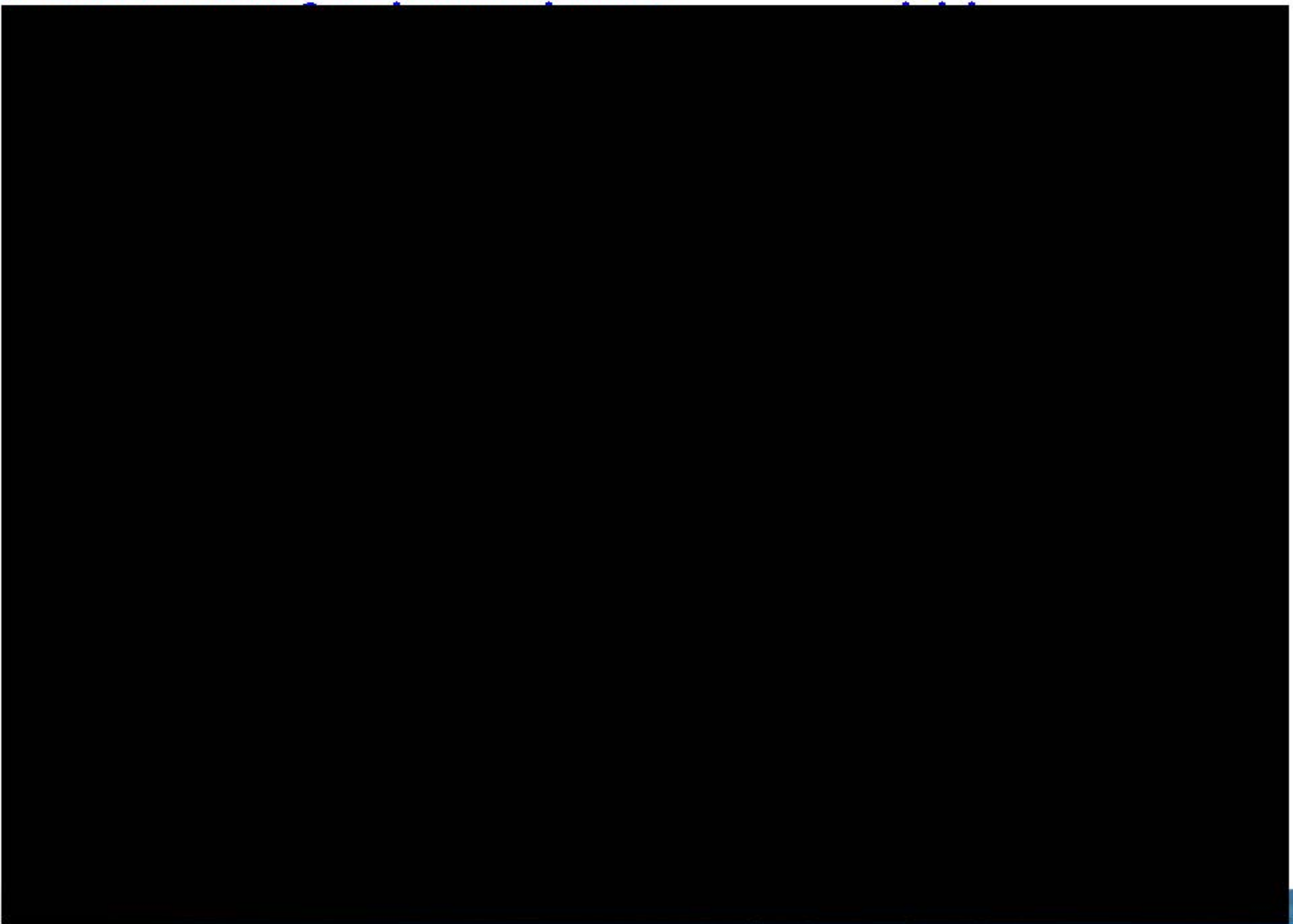


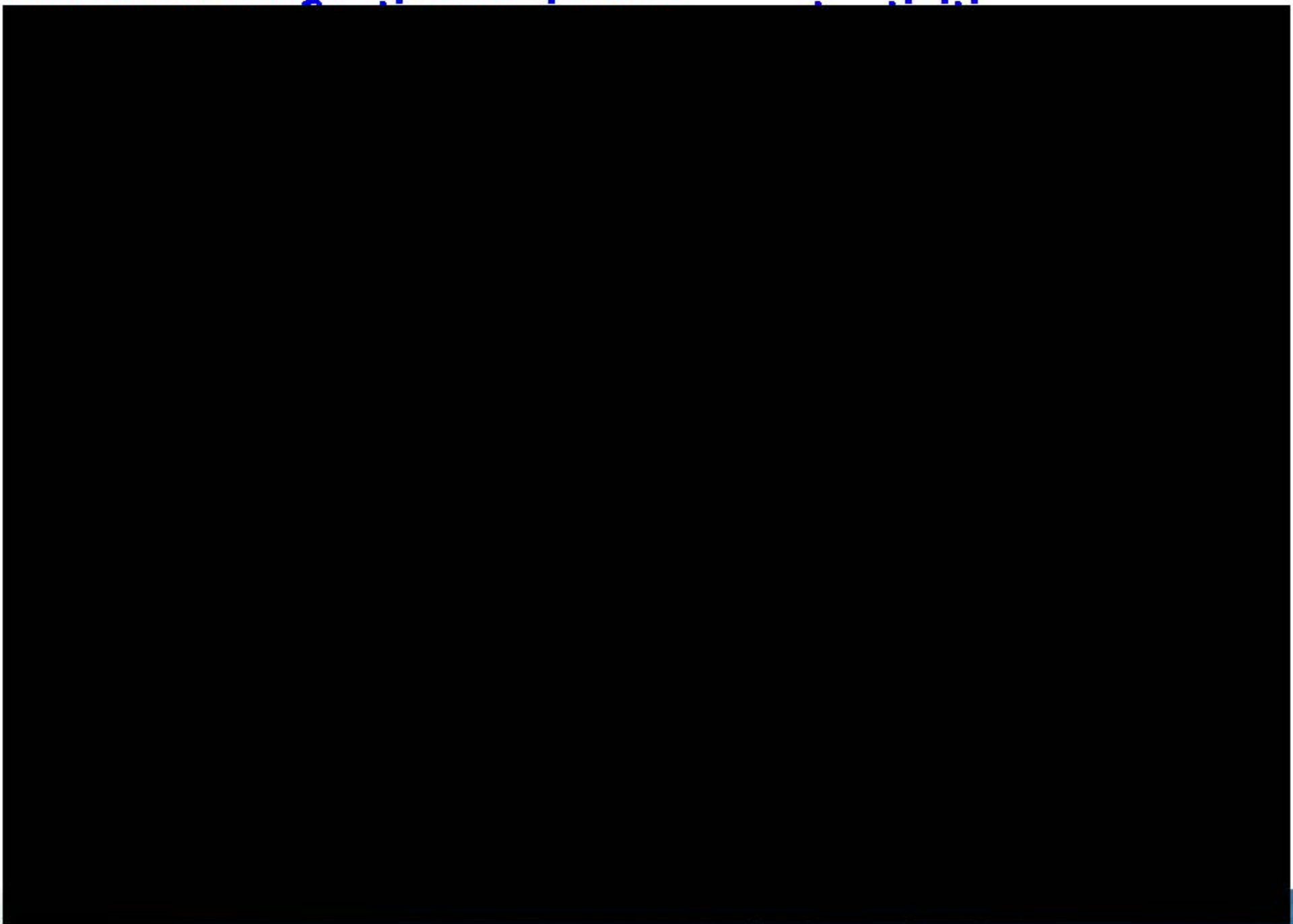


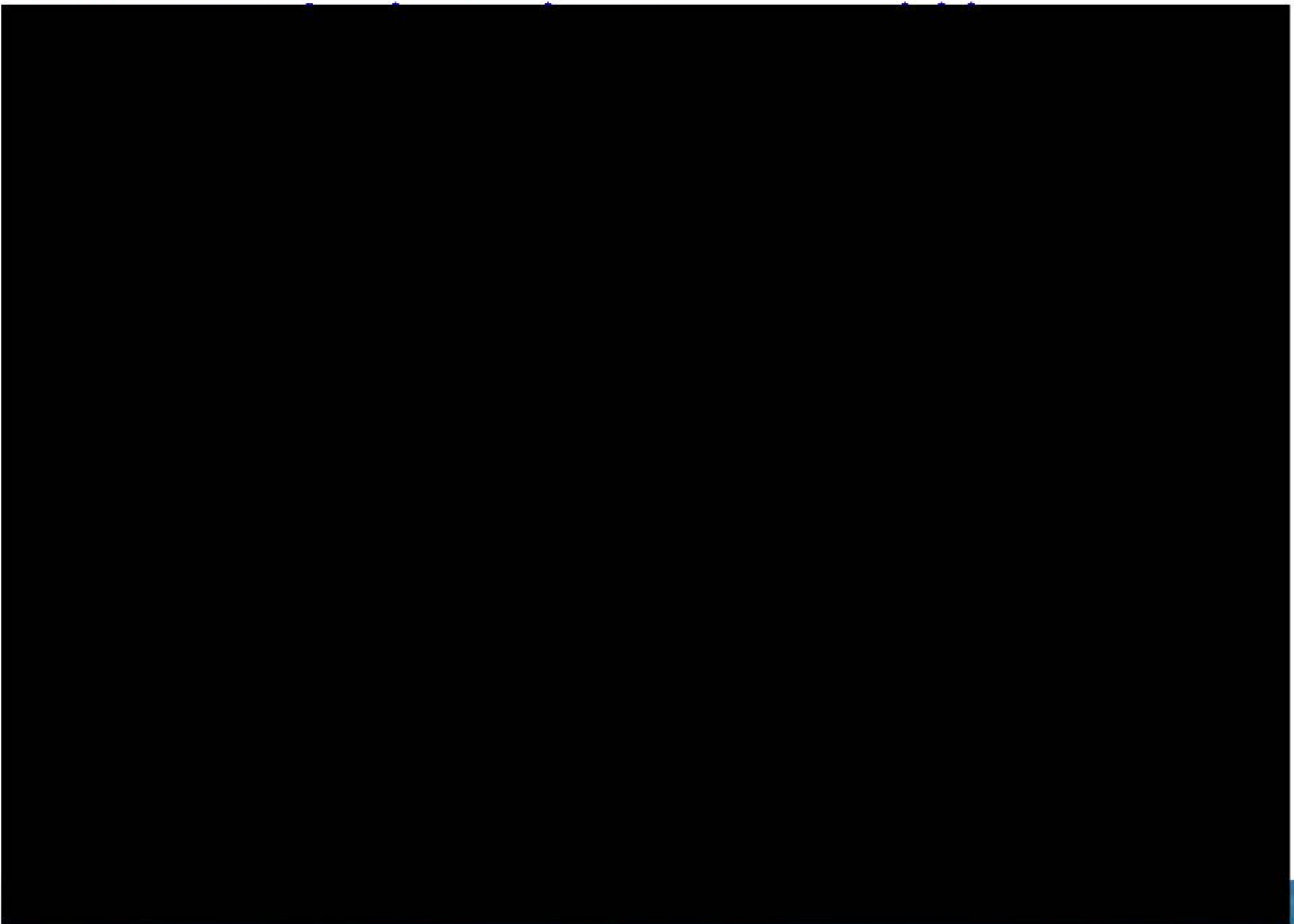












PE14-033

HONDA

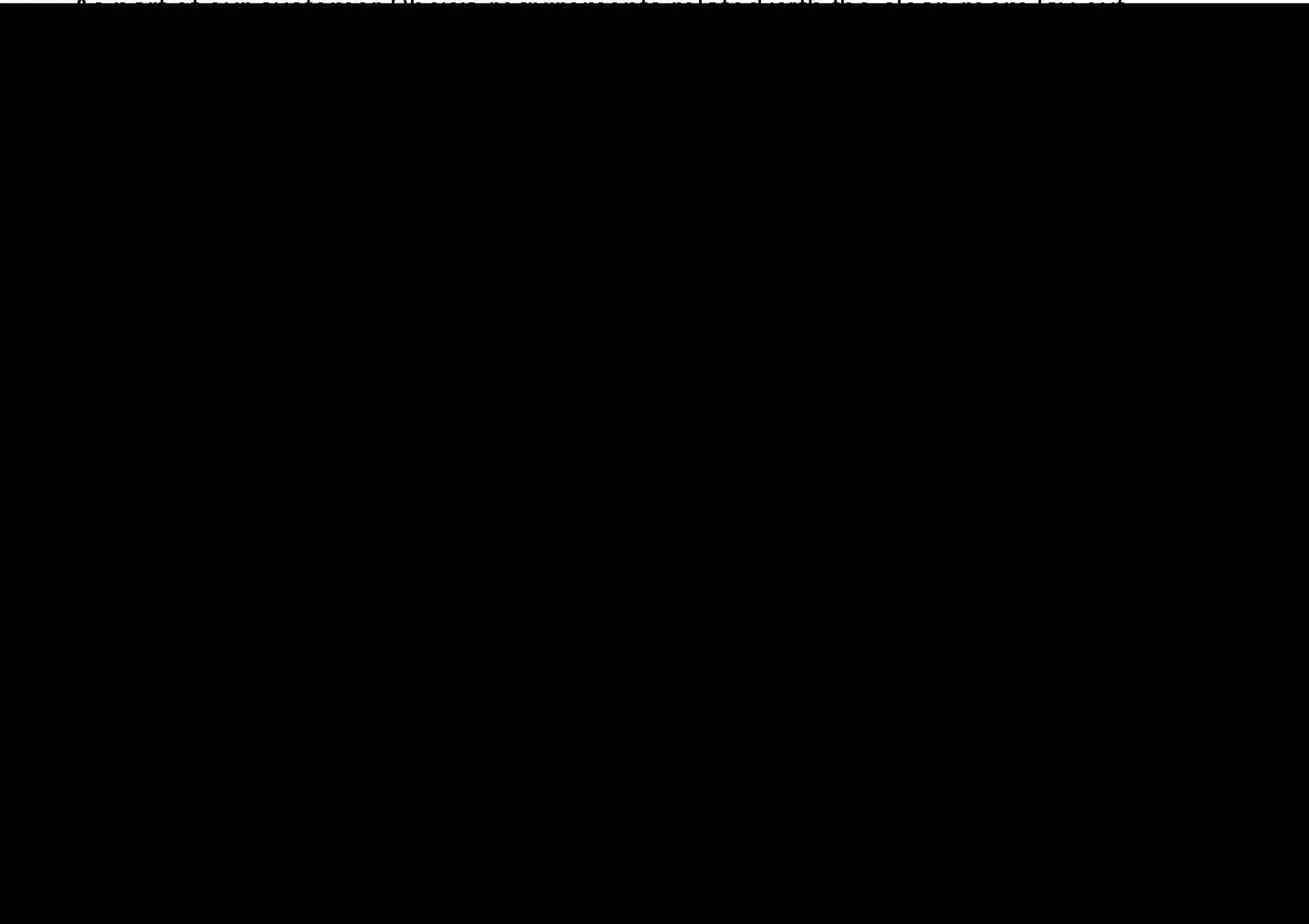
1/23/2015

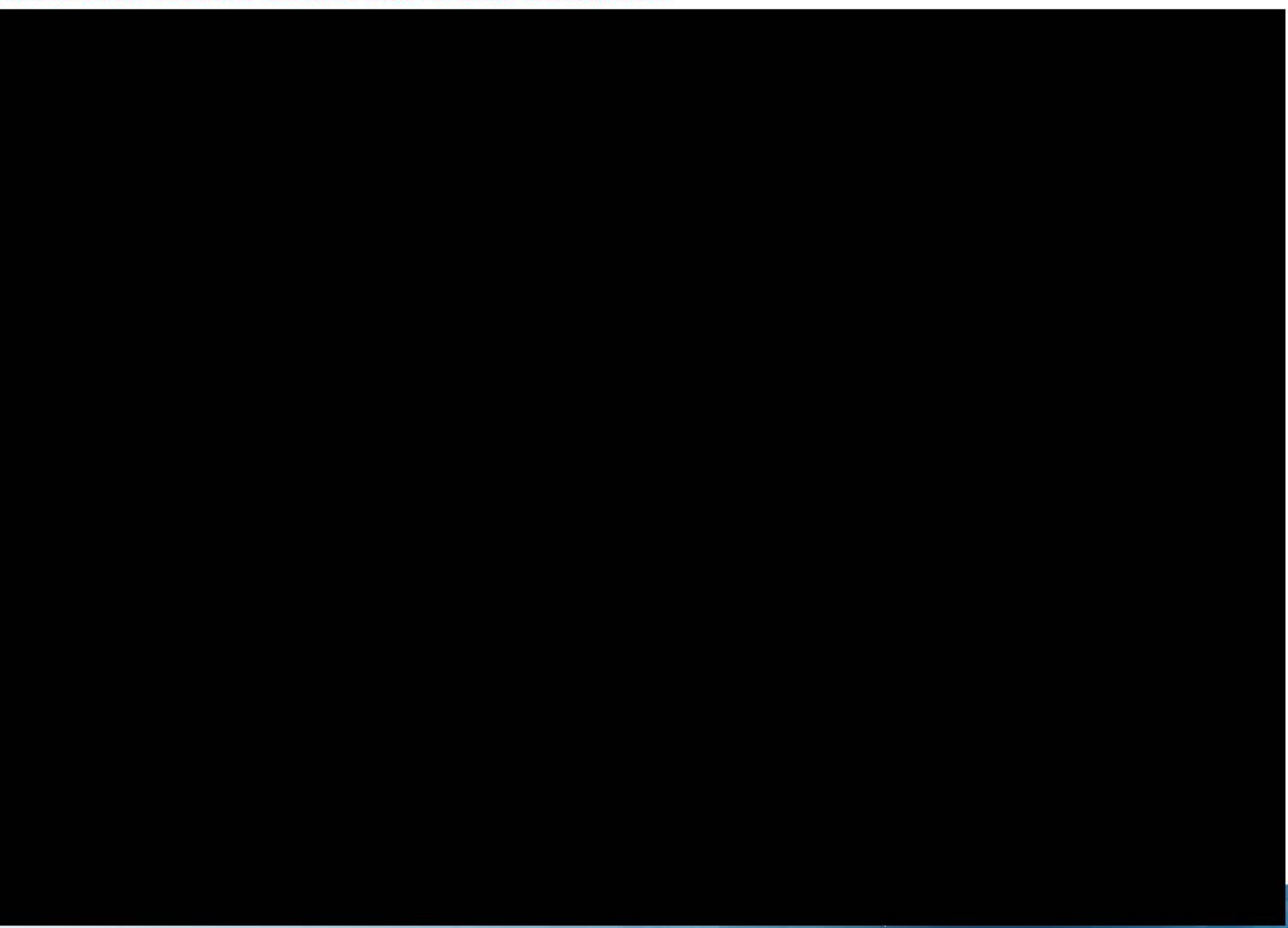
Q8

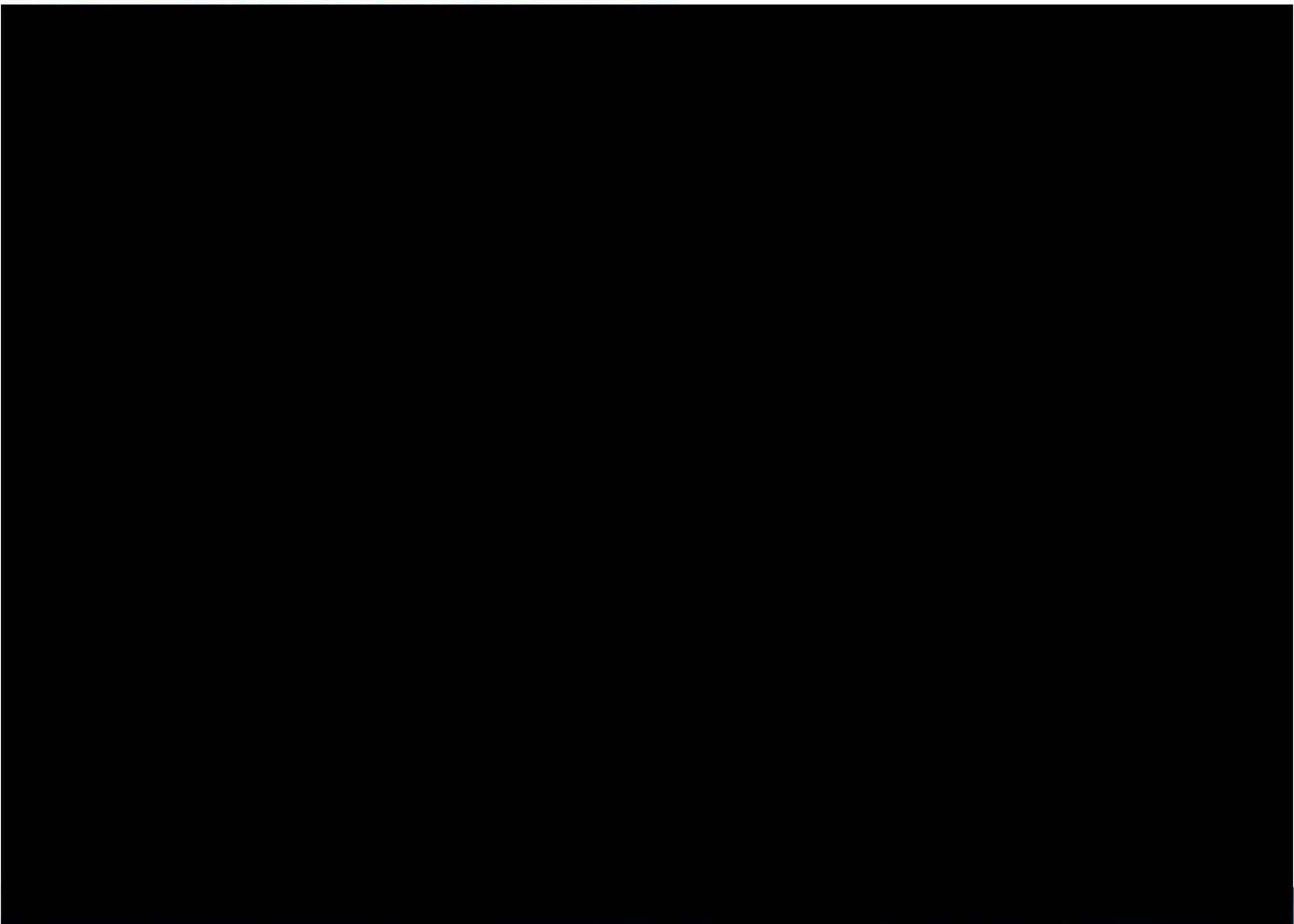
Q8-14 - Layout move delivery  
plan first sensor 1st cm  
sensor\_REDACTED

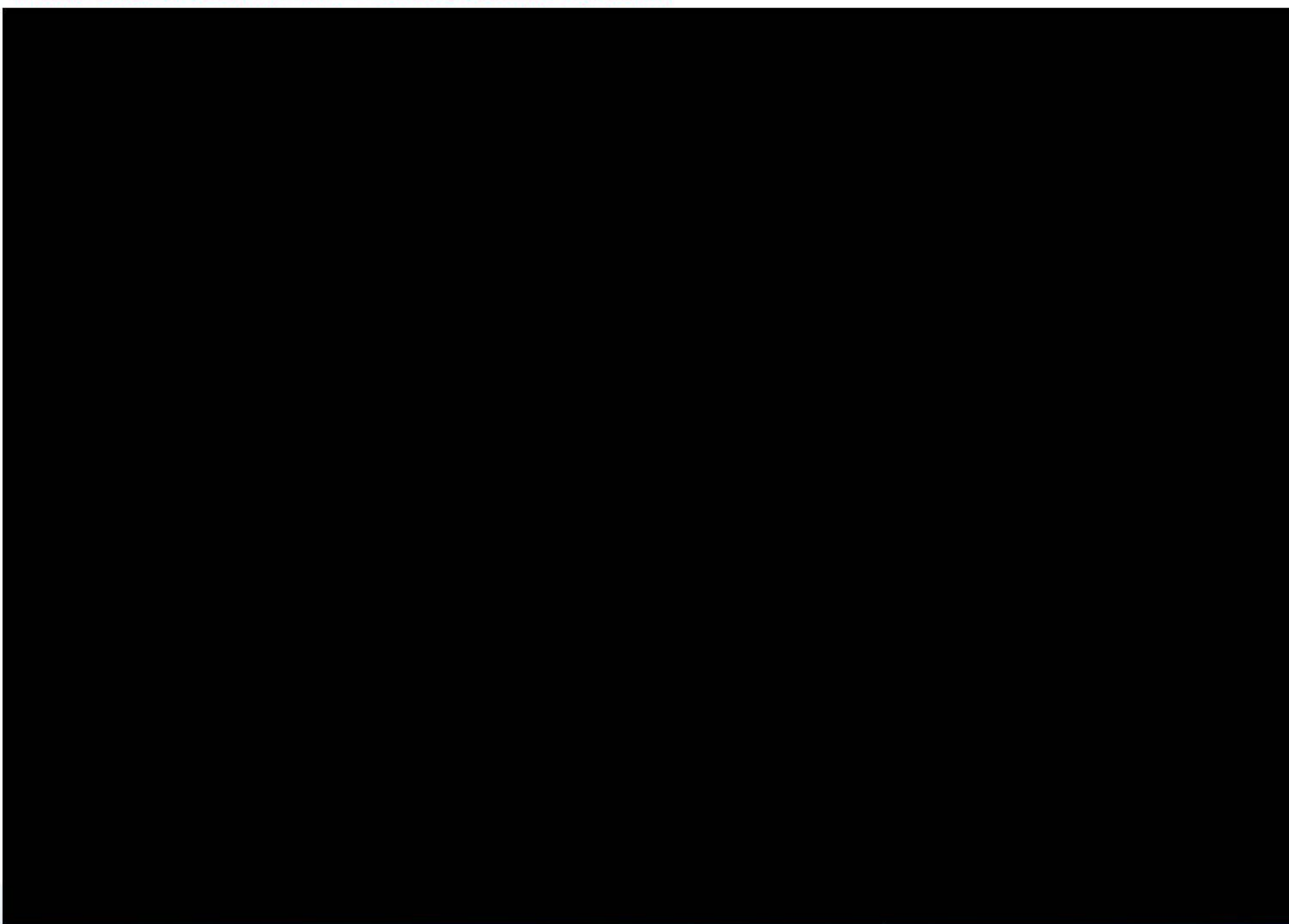


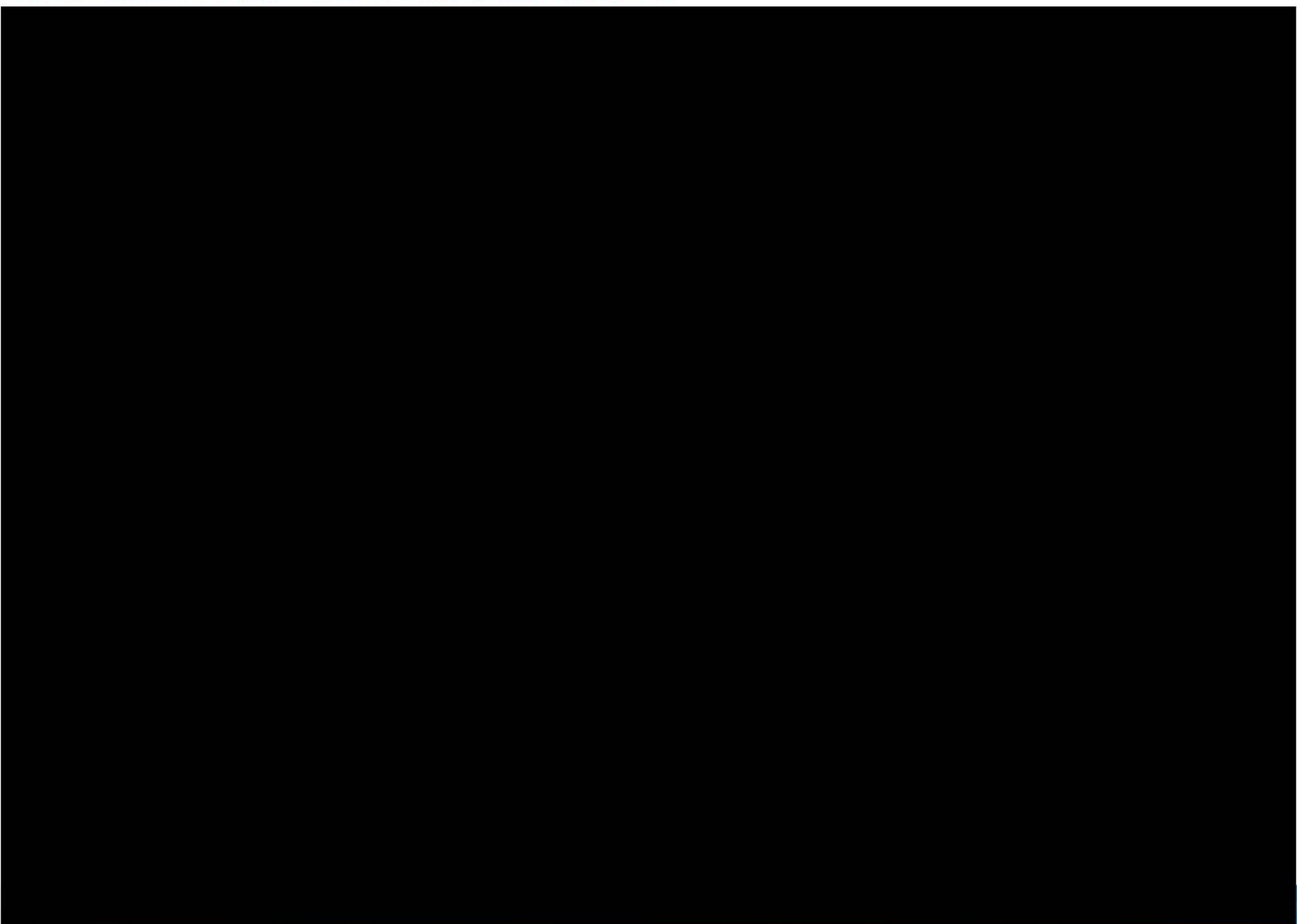


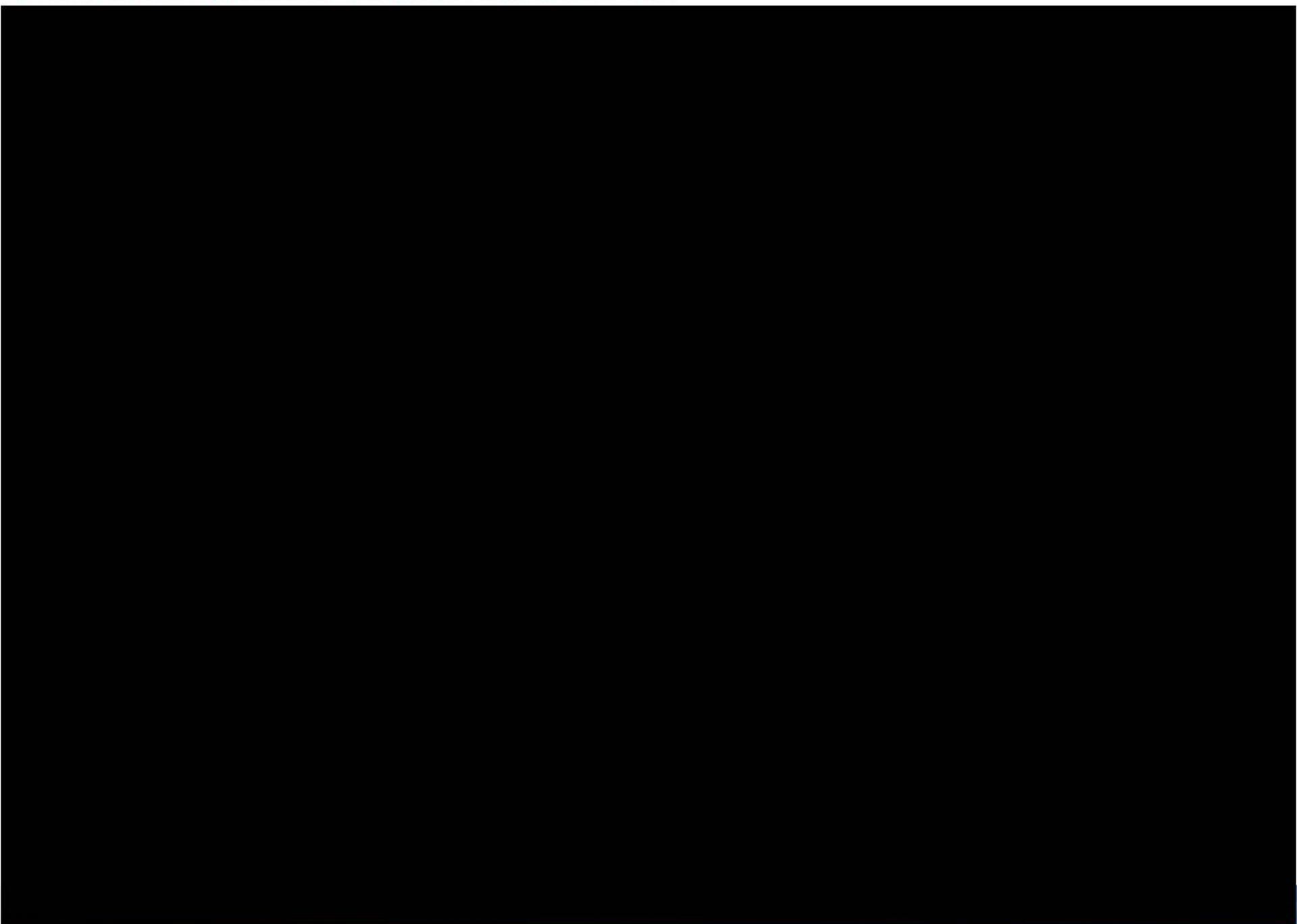












PE14-033

HONDA

1/23/2015

Q8

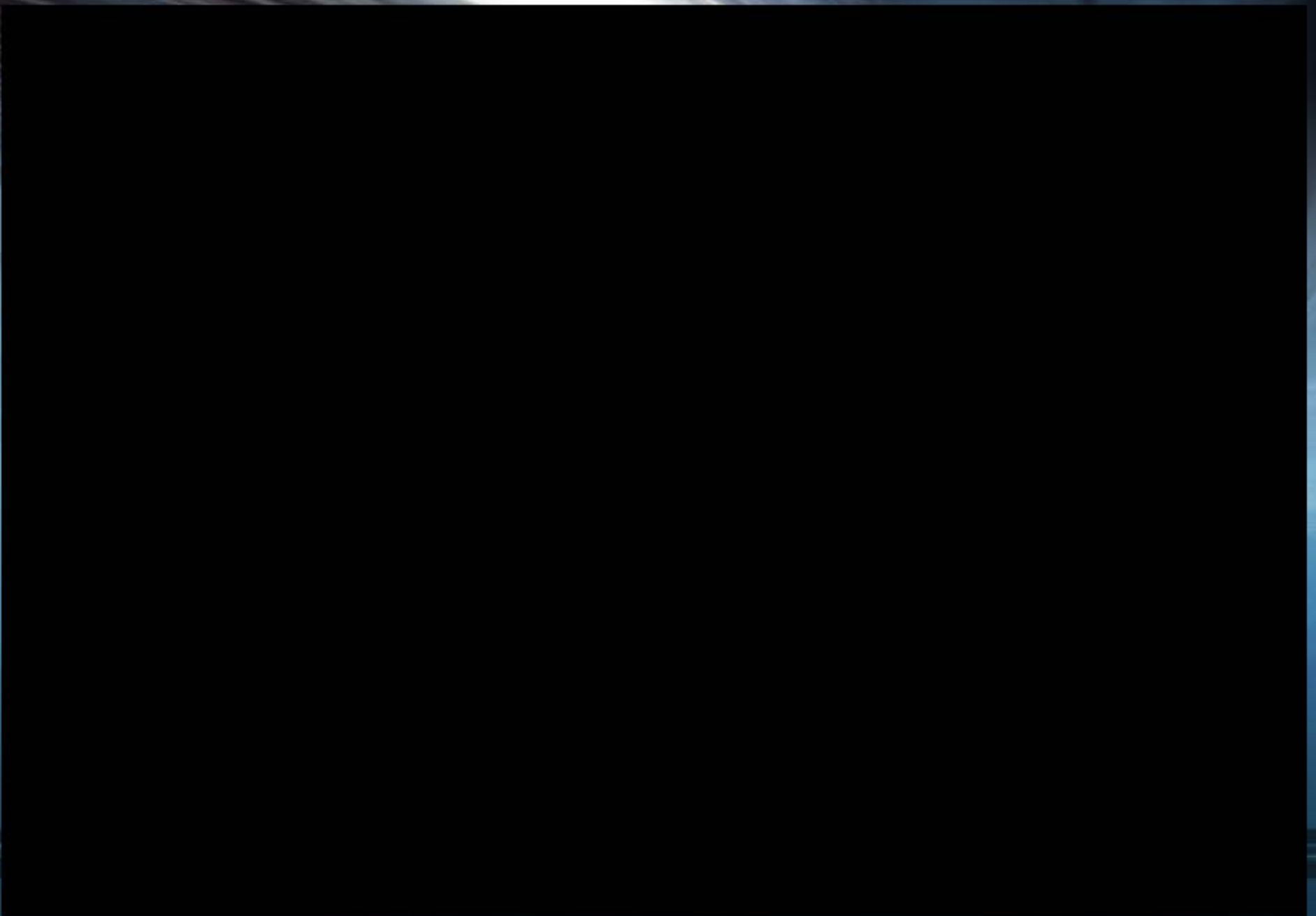
Loose bond wire

Q8-10 - Showa Quality Issues

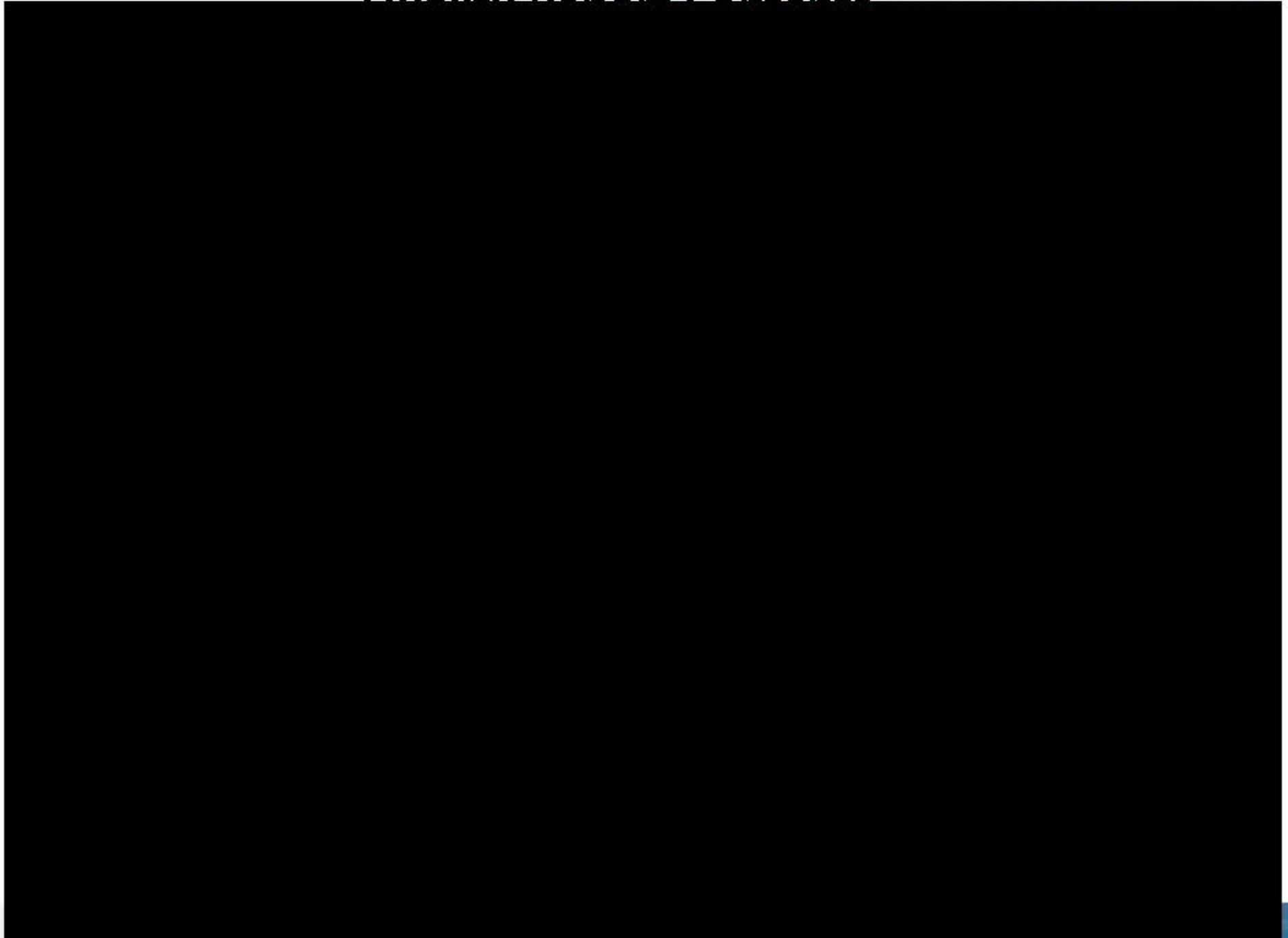
Report Loose Bond

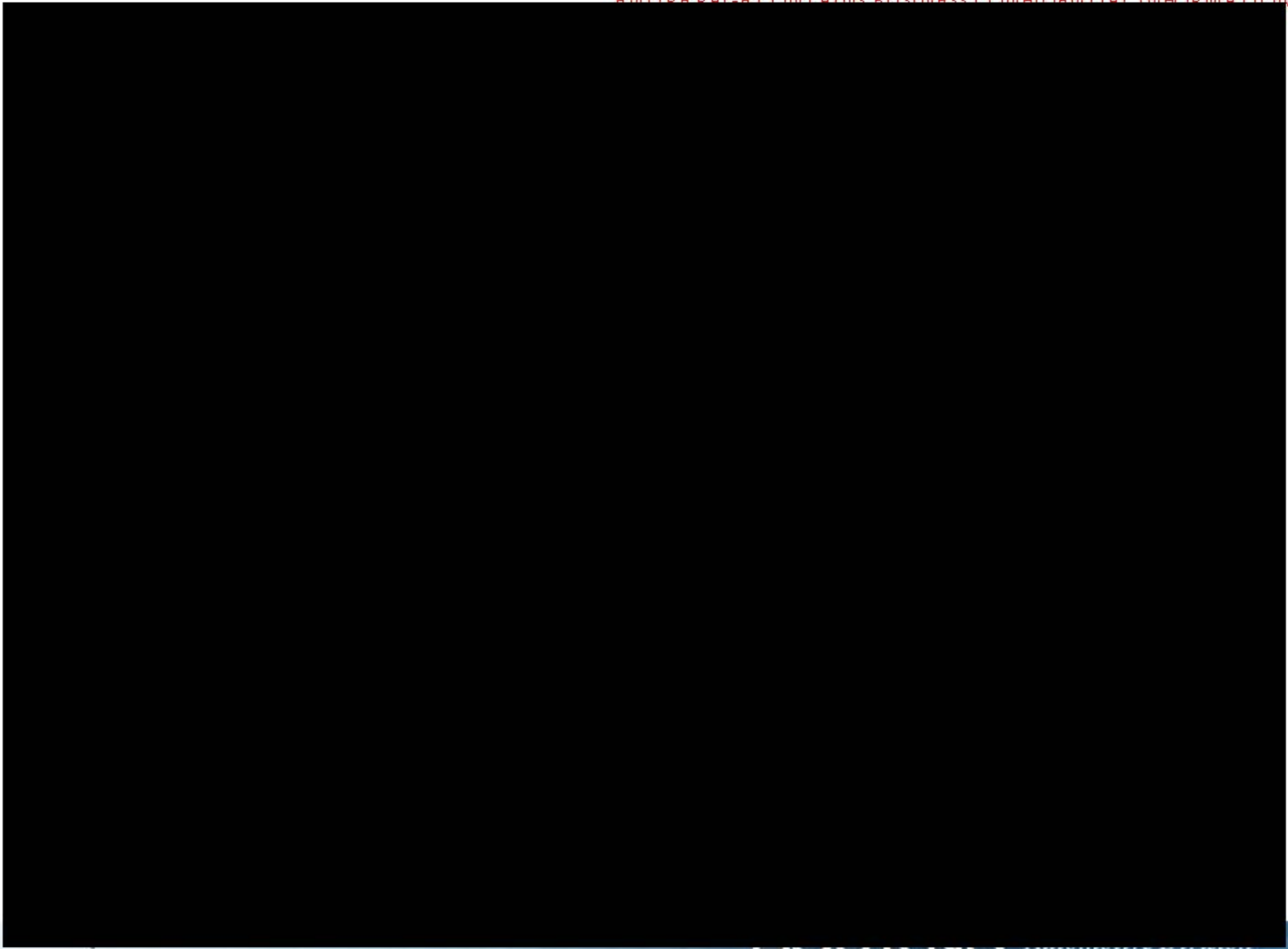
Wire\_REDACTED

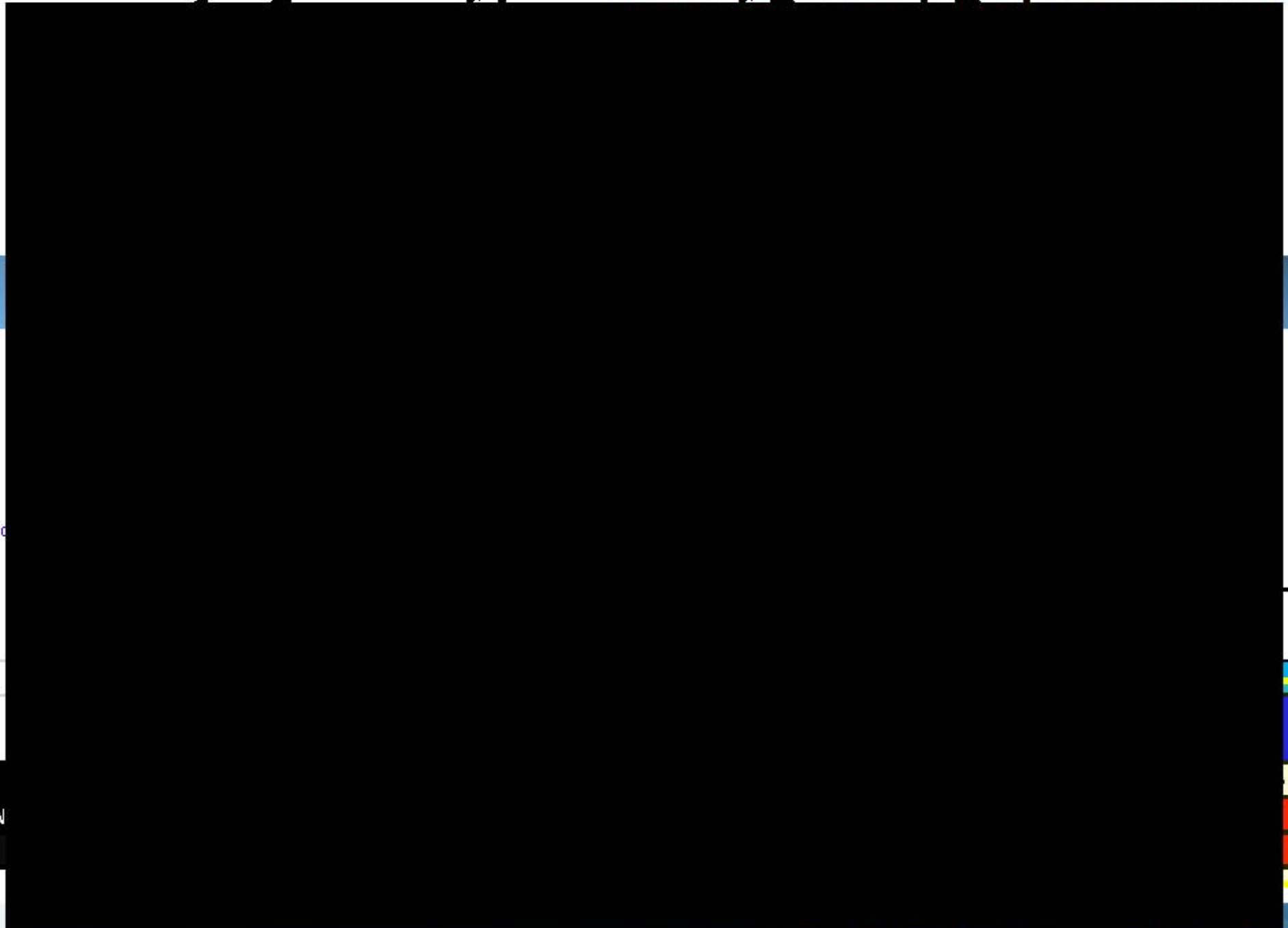




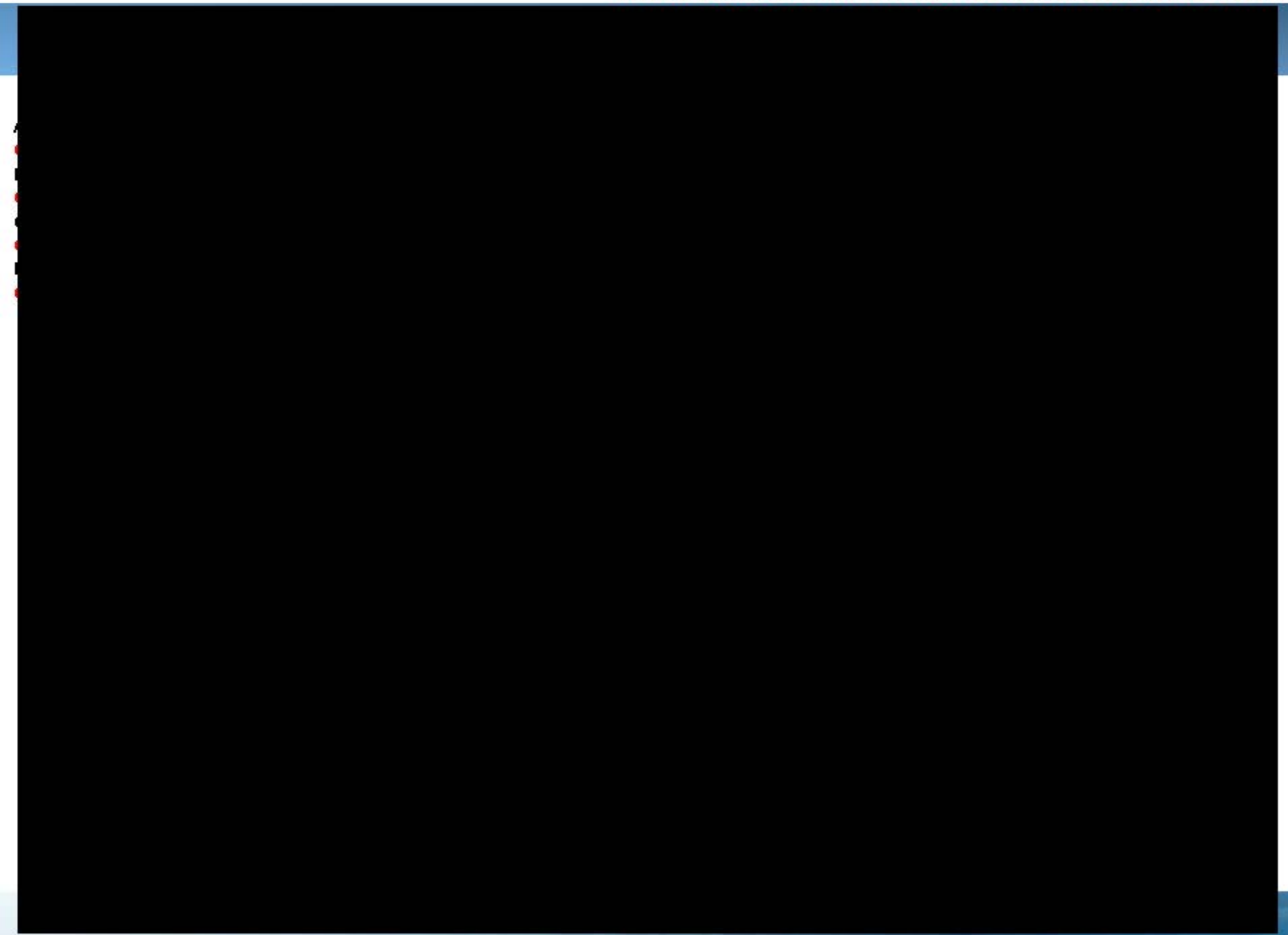
# Quality Report Contents

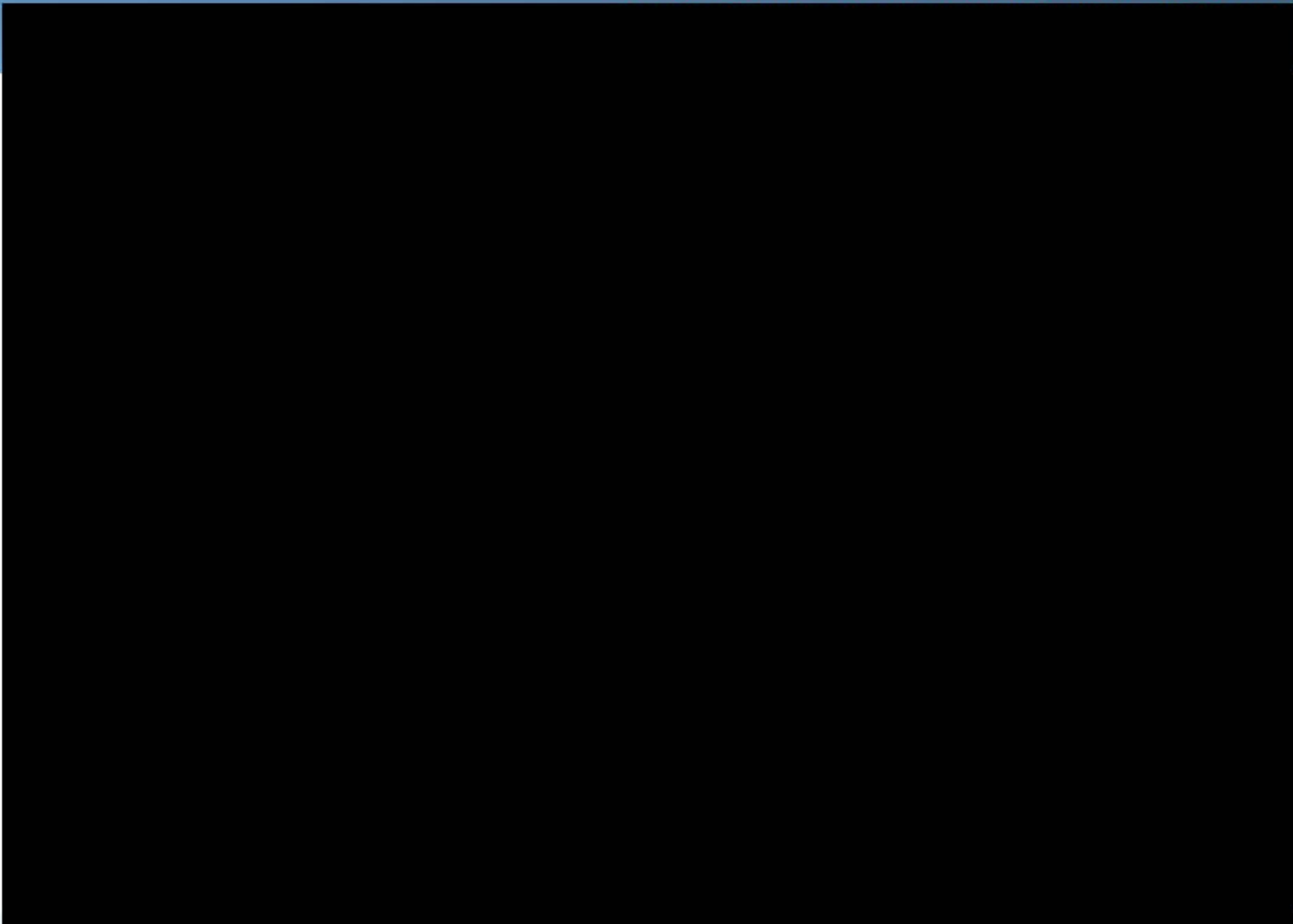






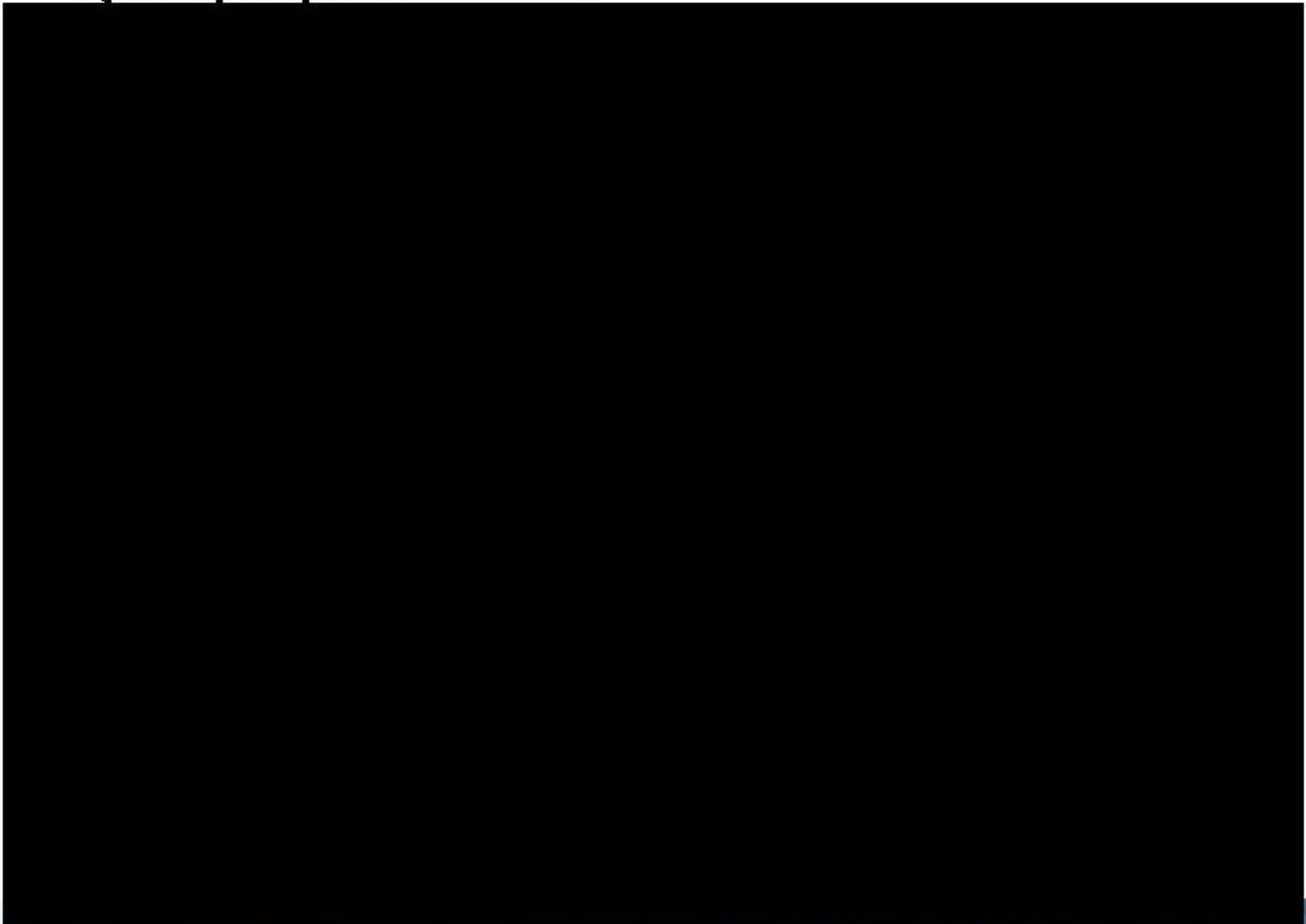
N



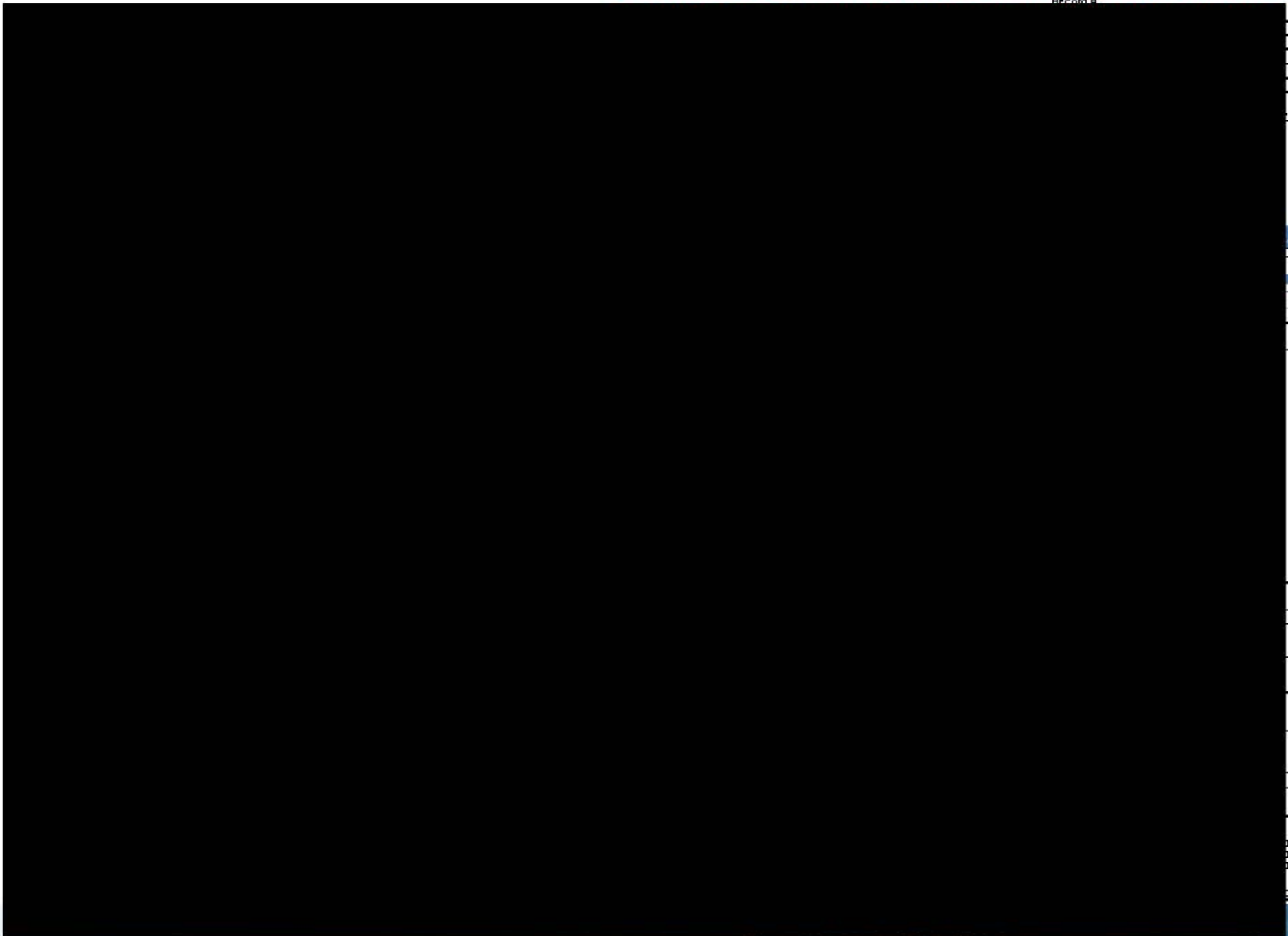


# Quality Report Contents

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



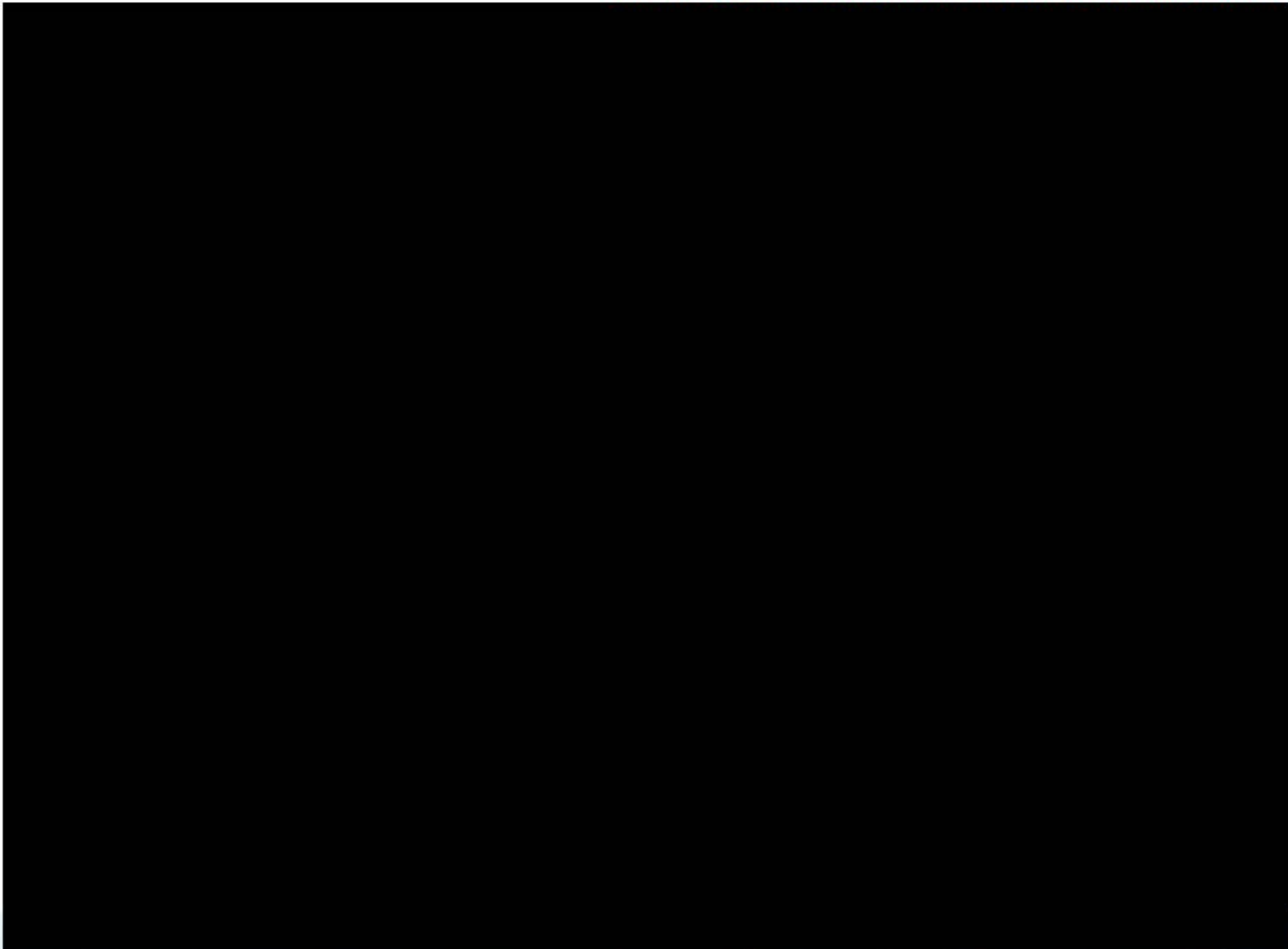
Record # Case #20

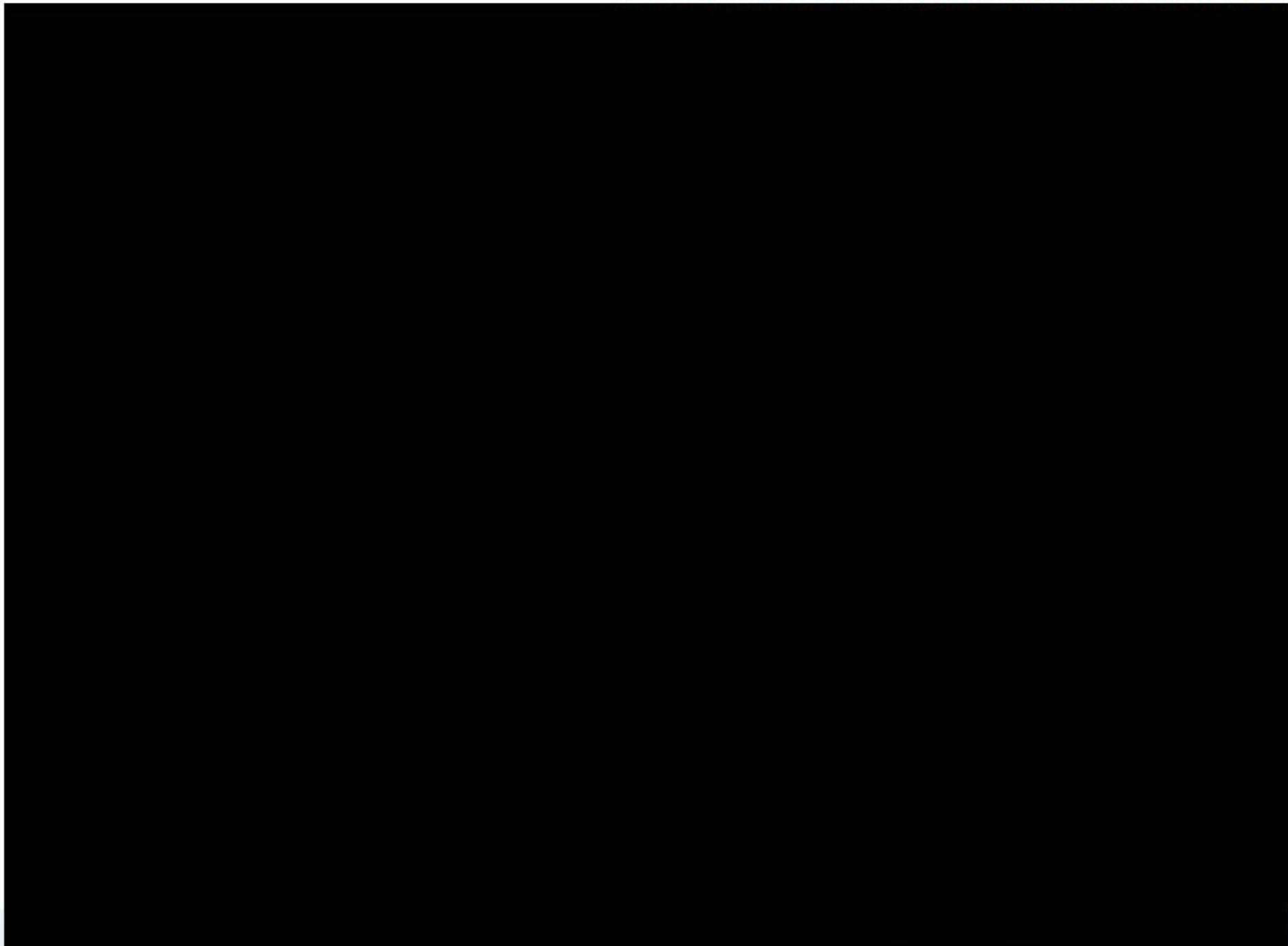


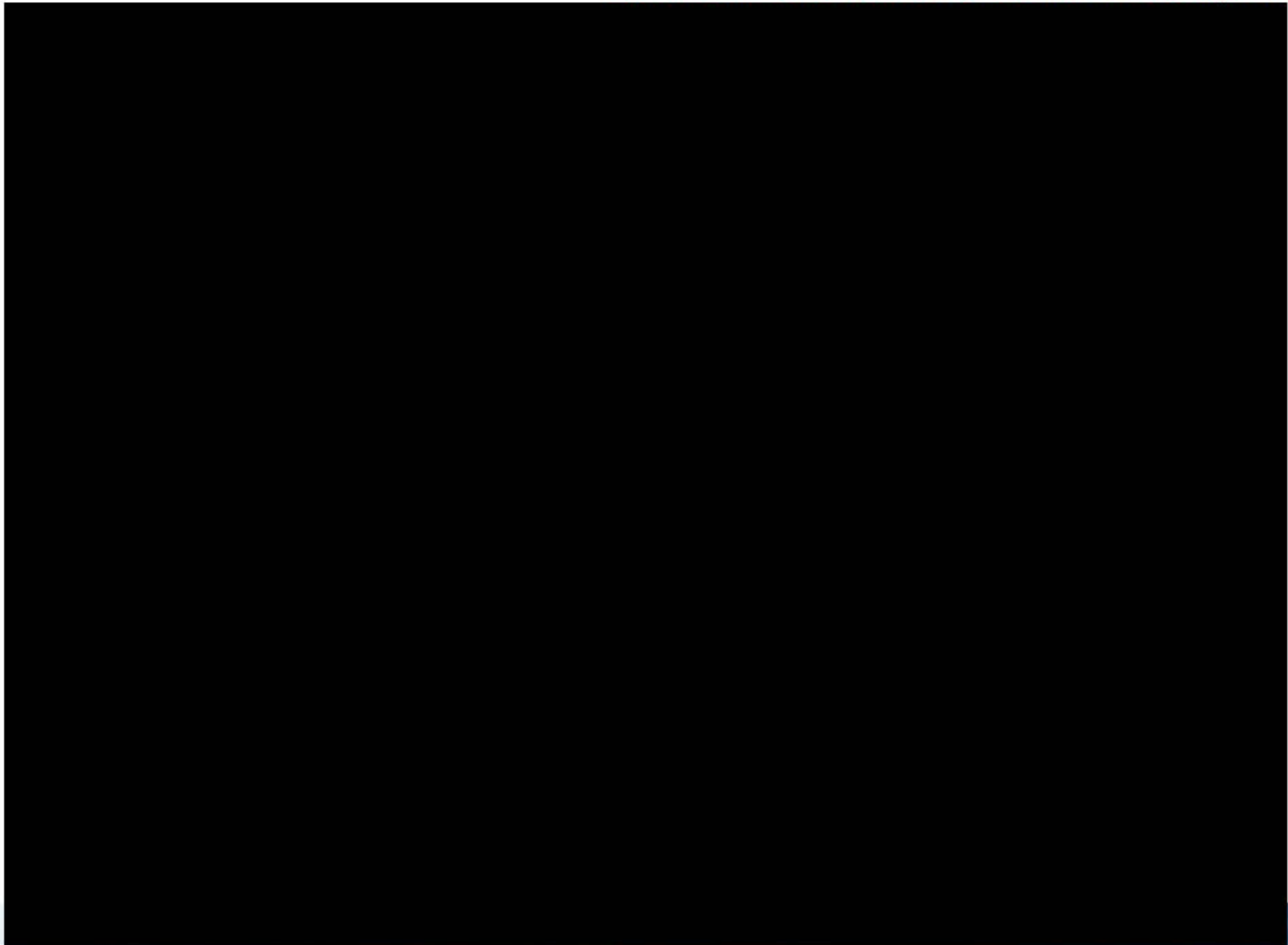
014  
014  
014

013

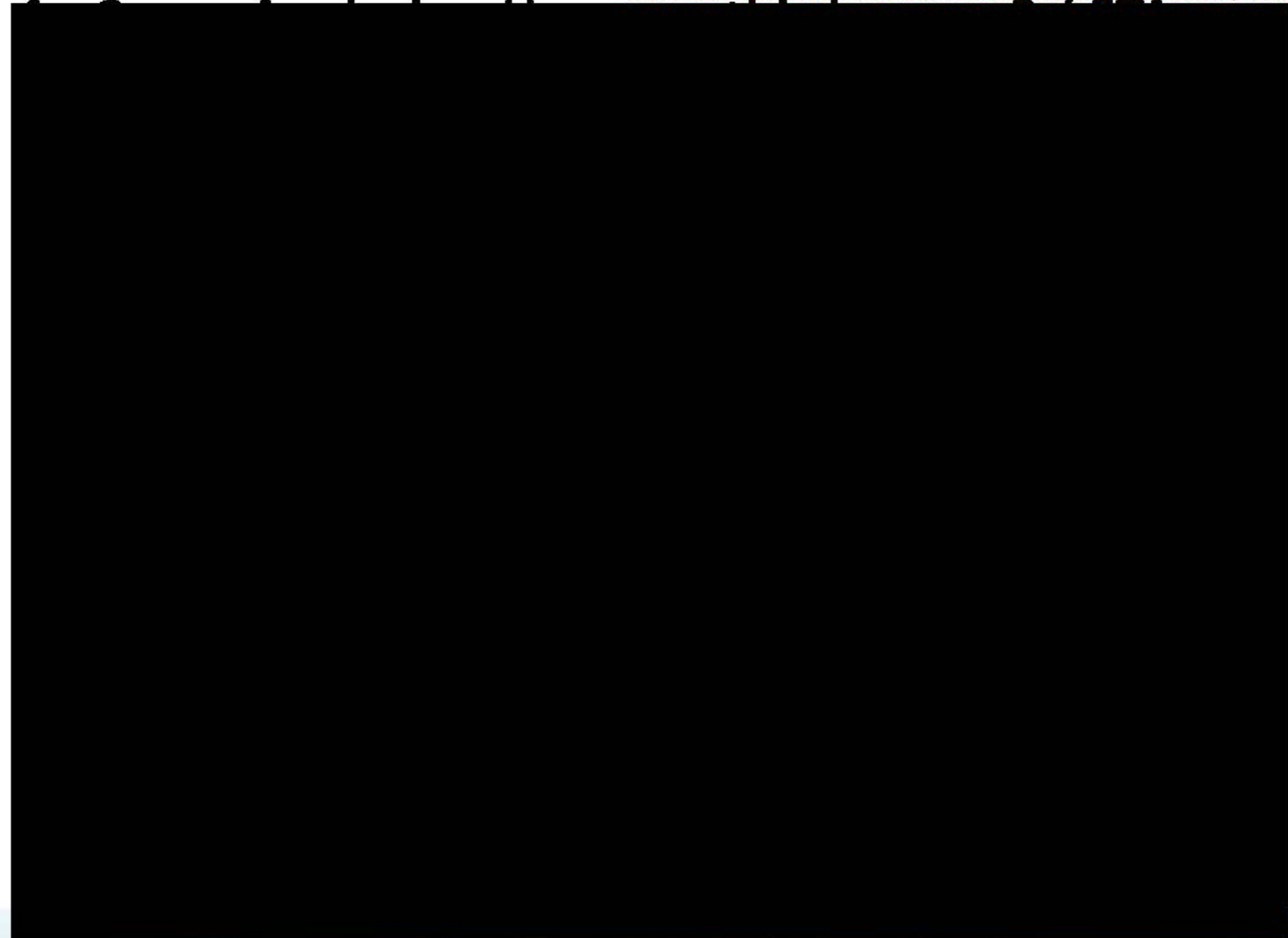


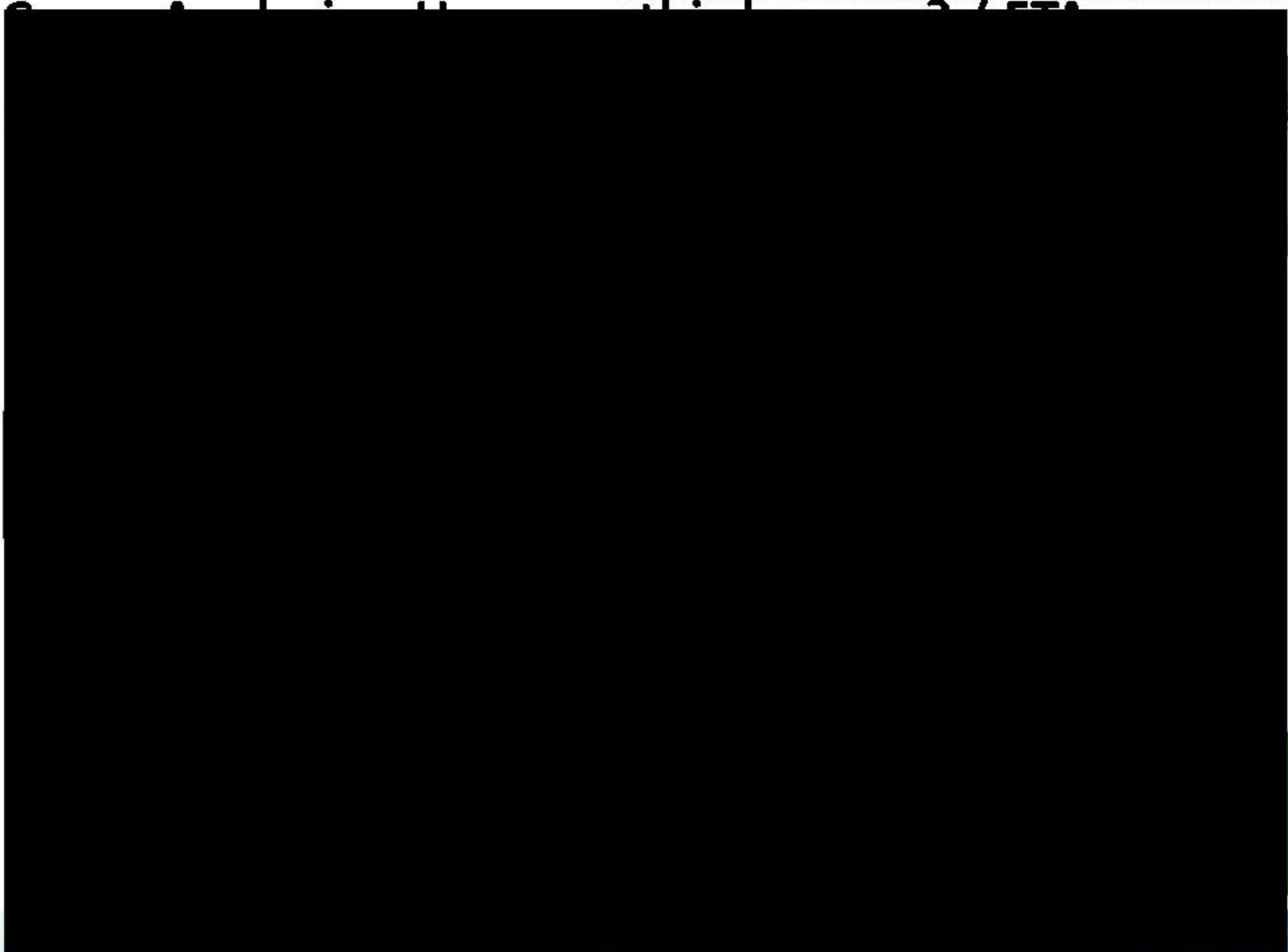


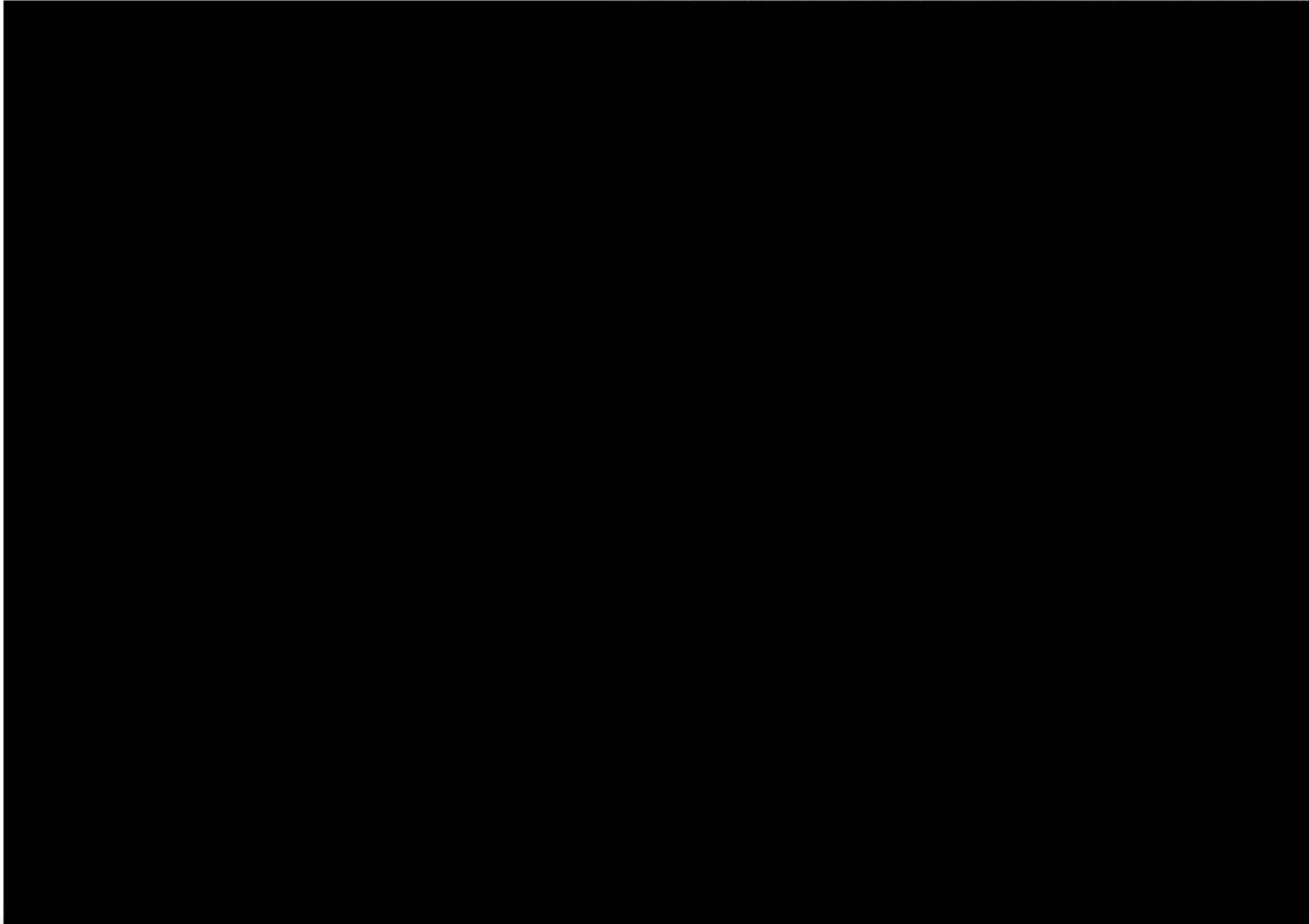


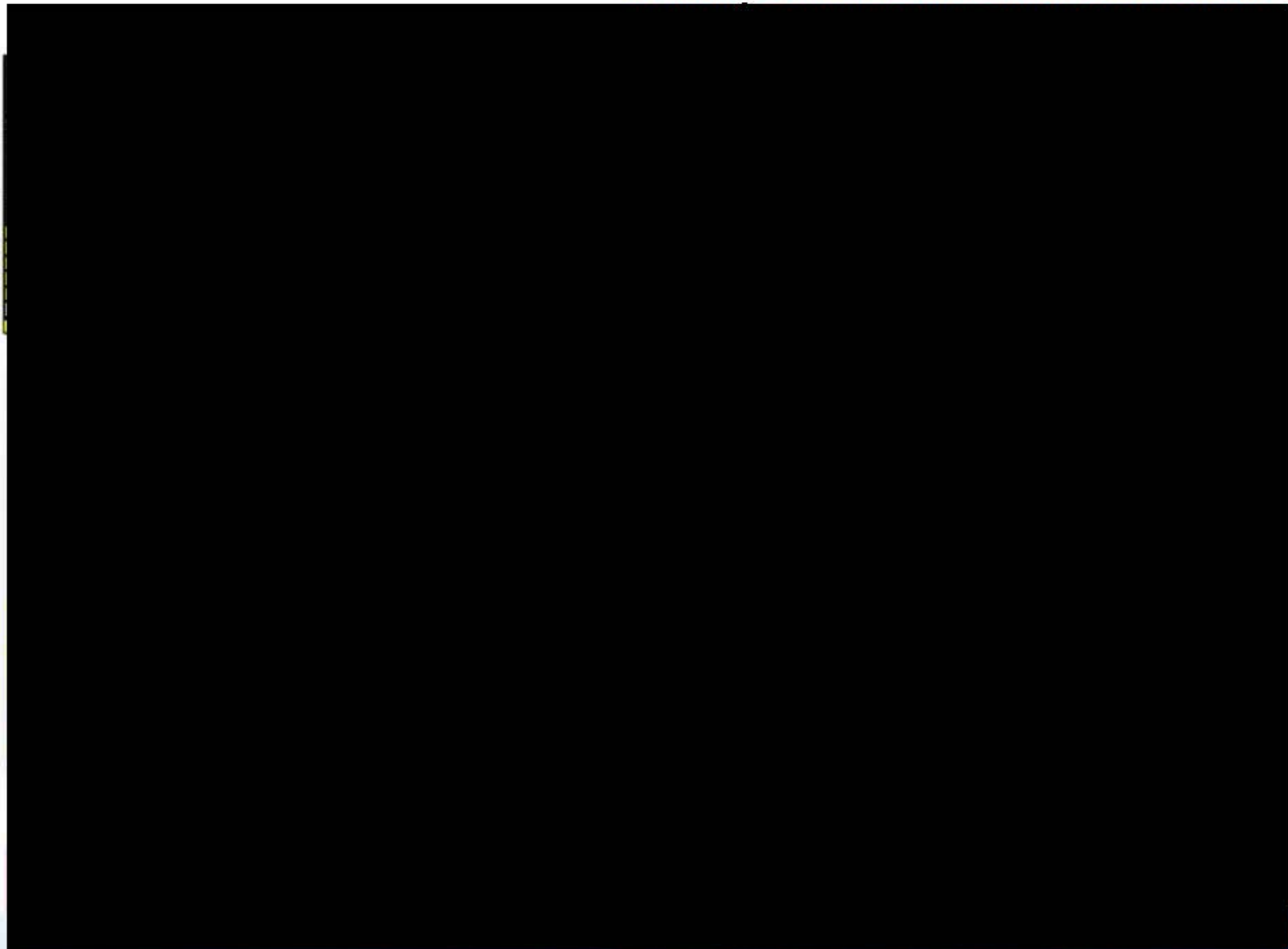




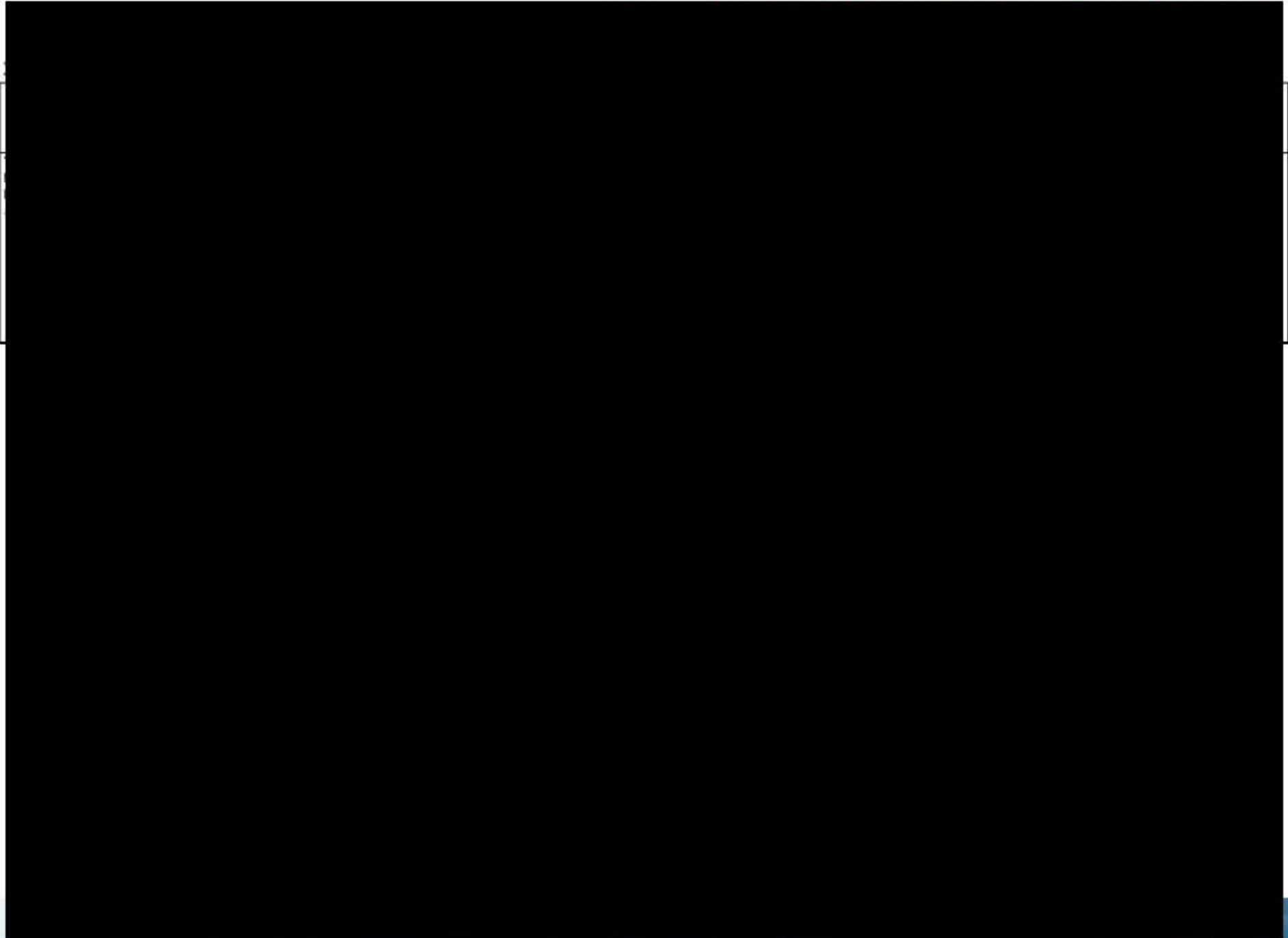












2  
V  
F  
C  
a

1

2

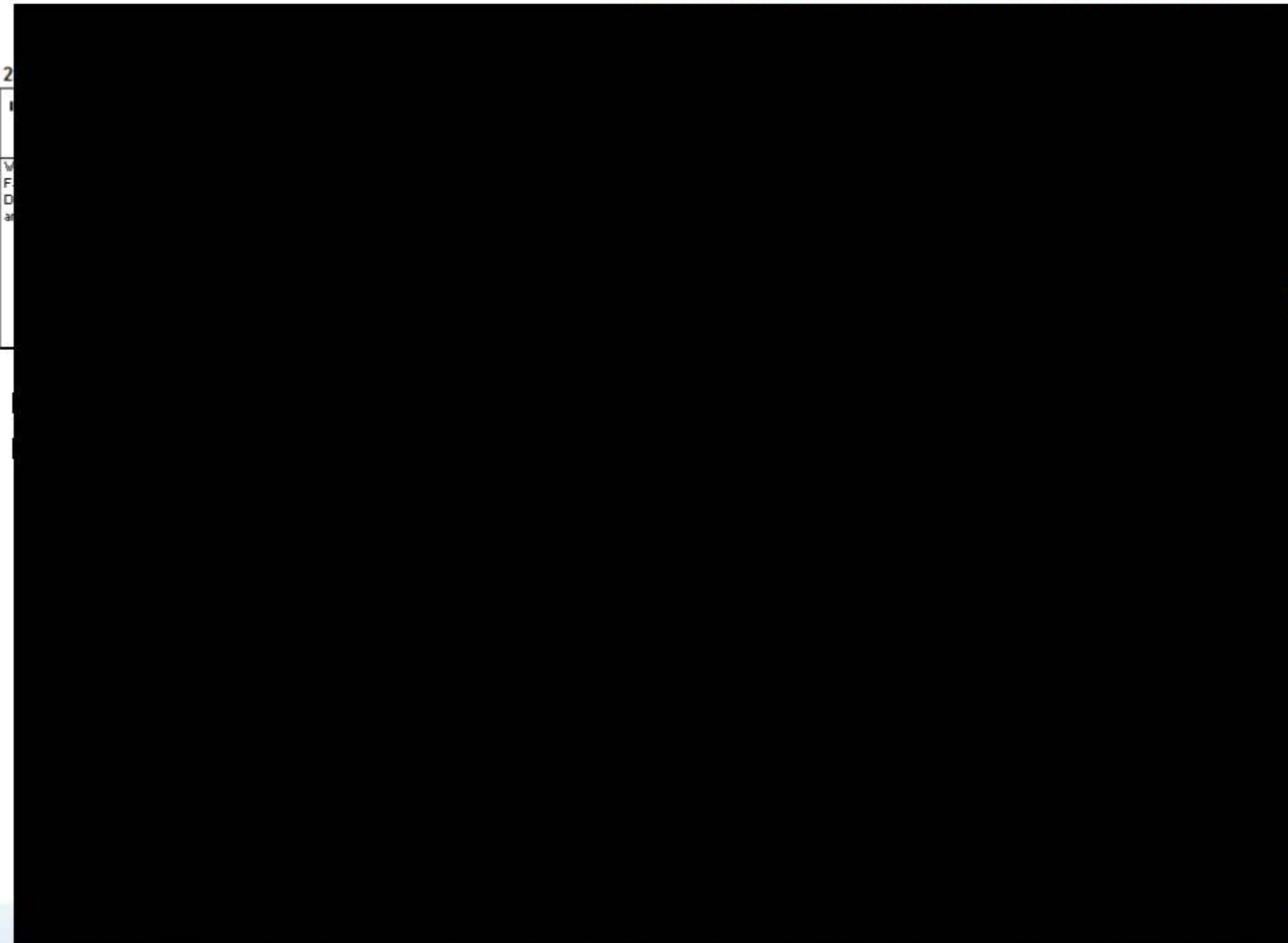
V

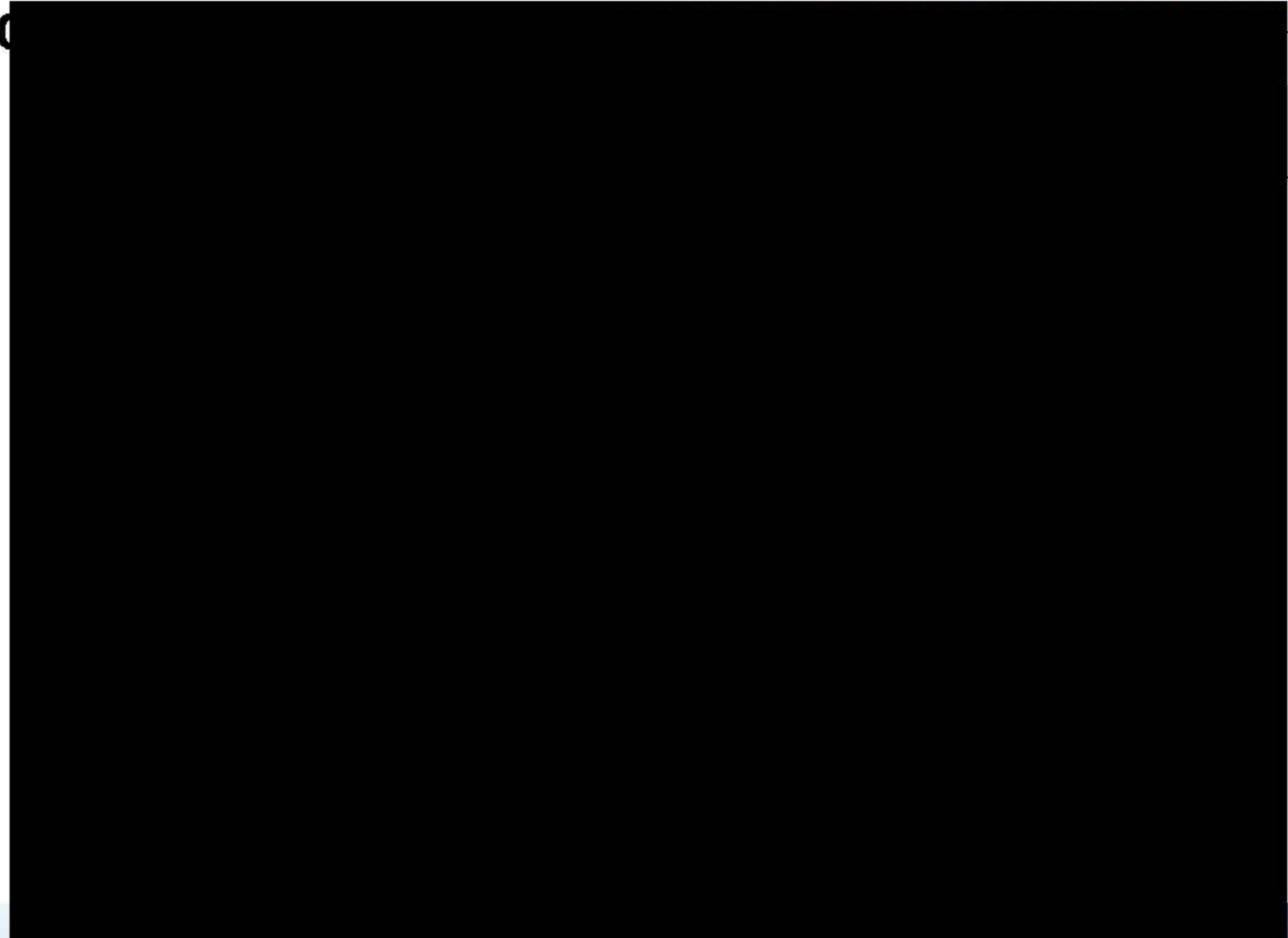
V

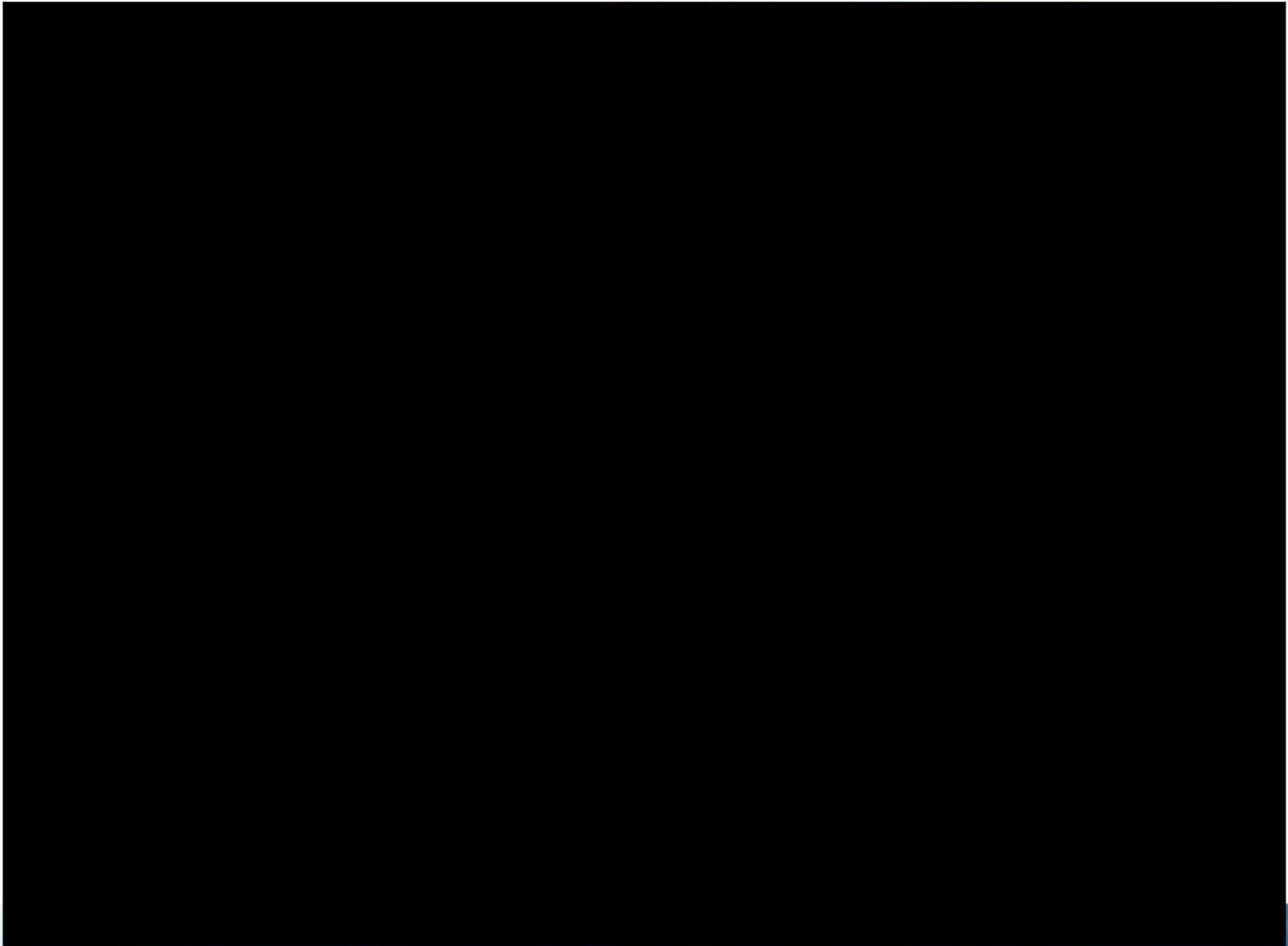
F

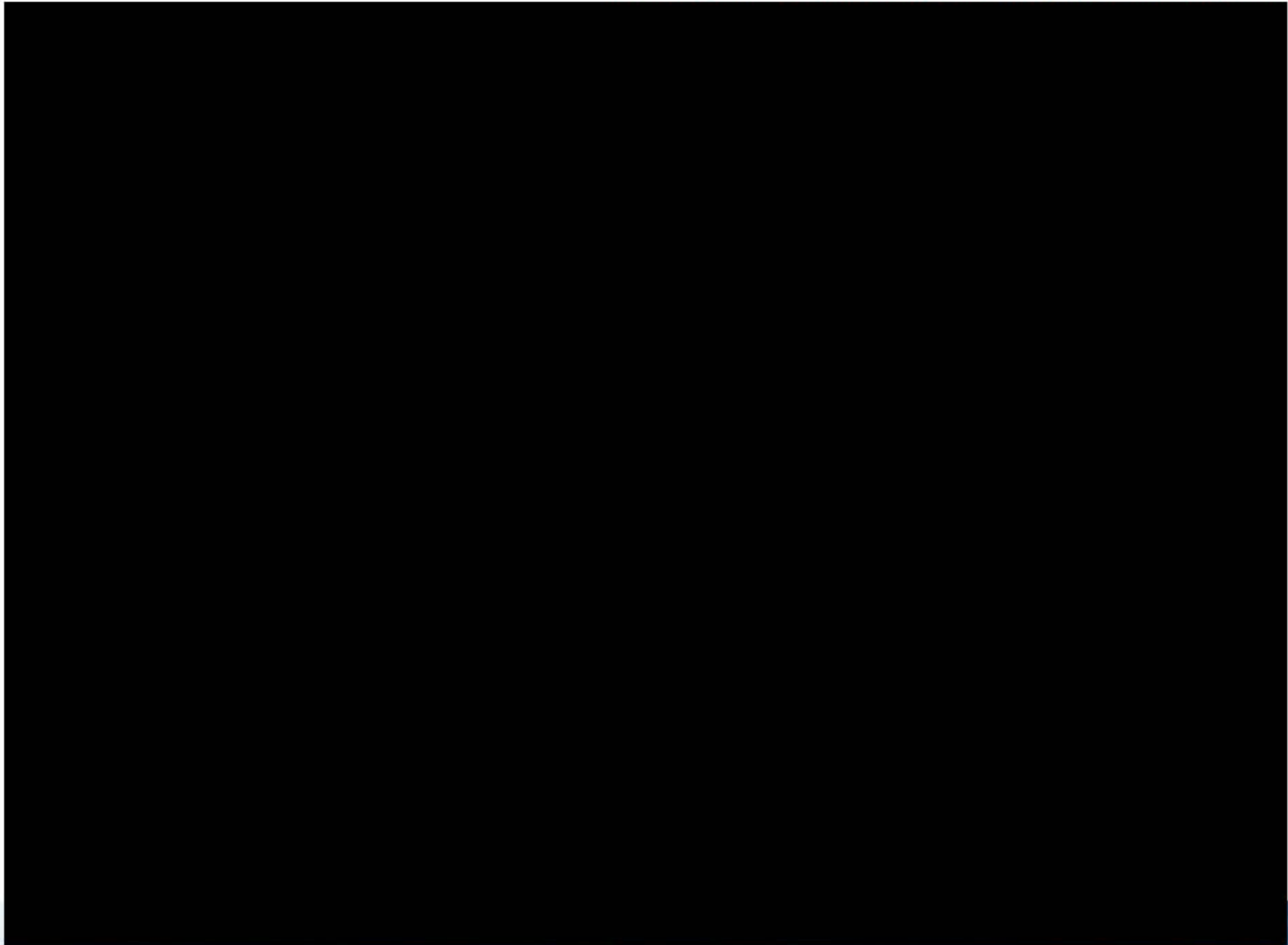
D

an

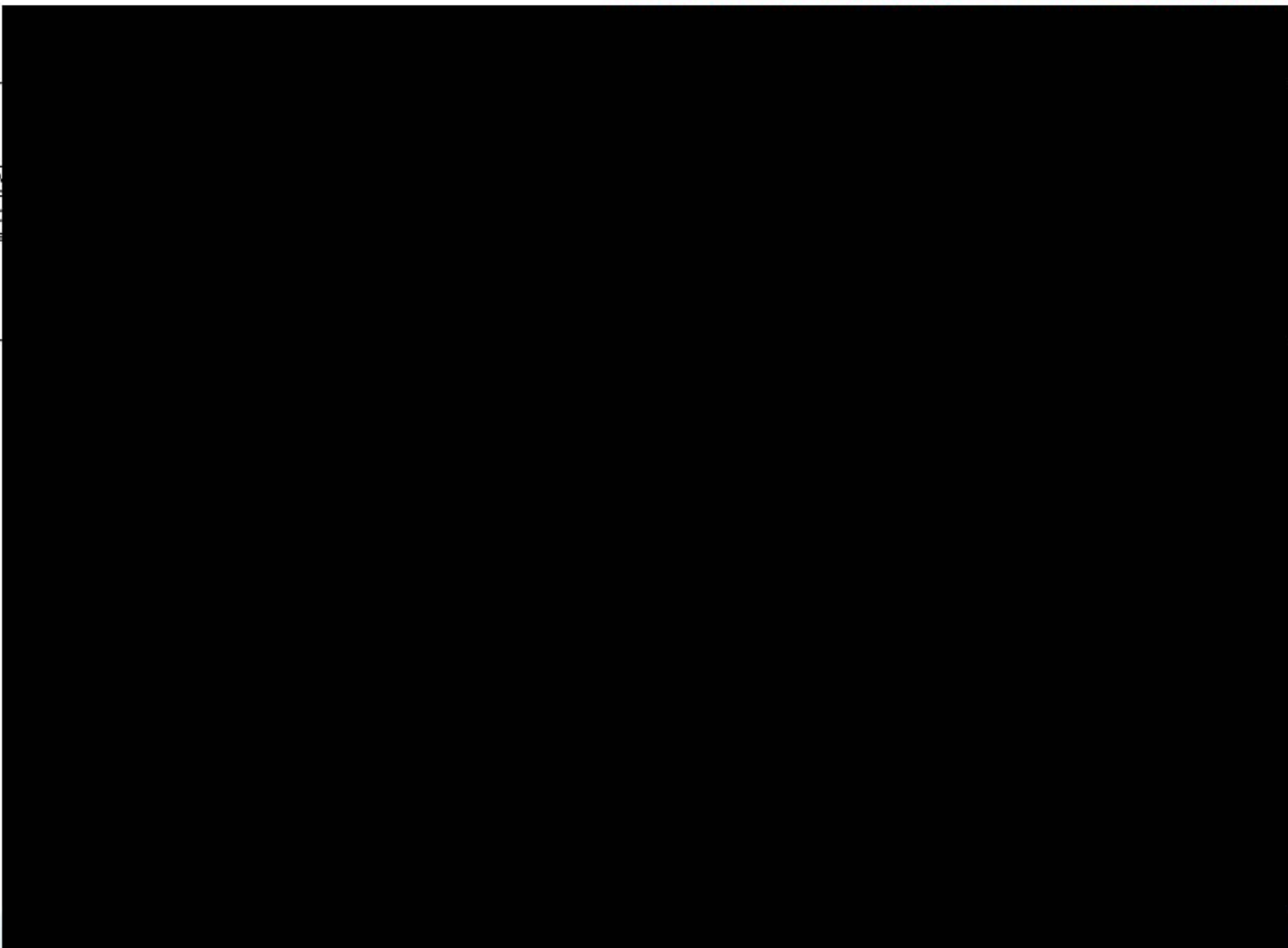


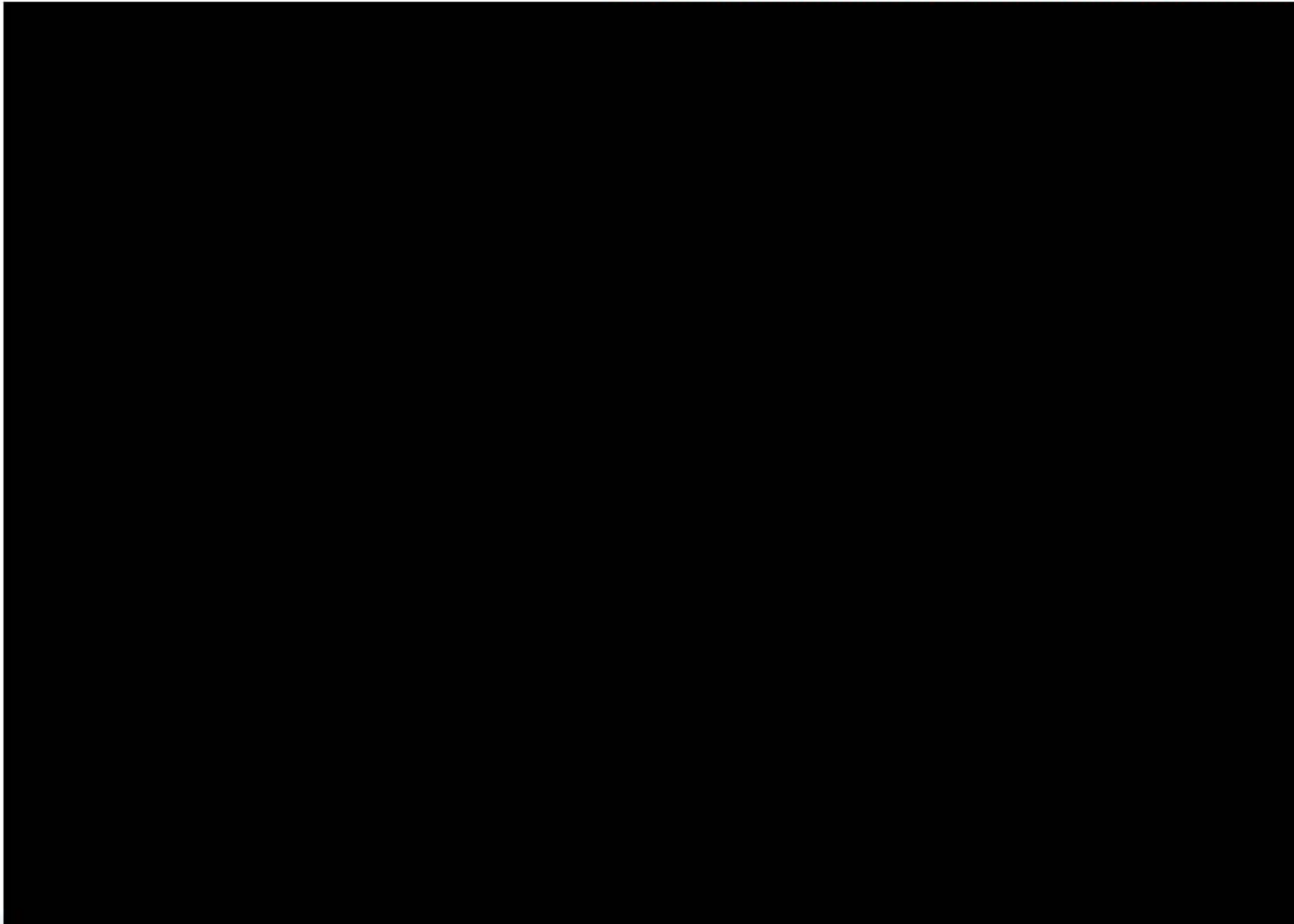




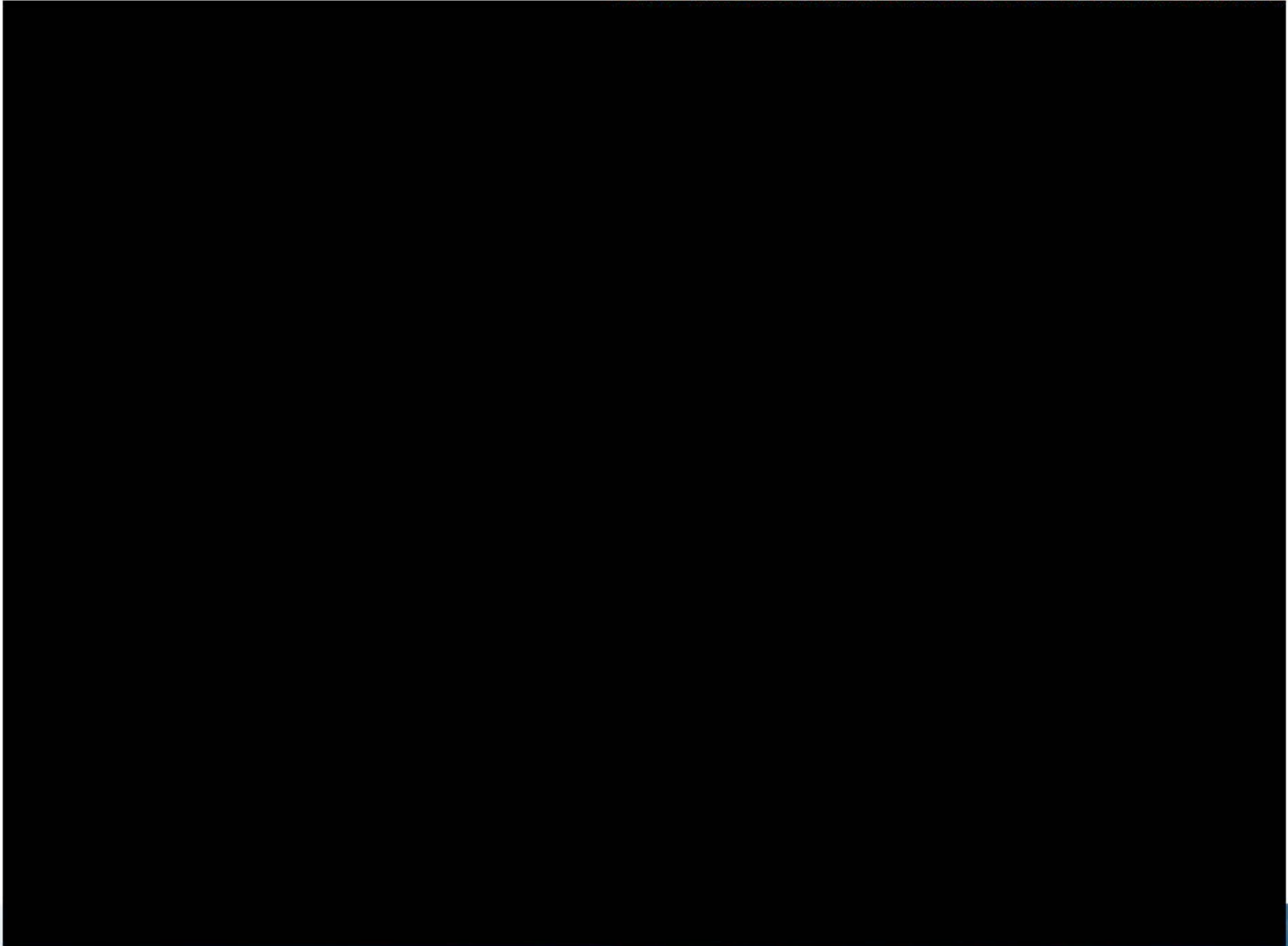


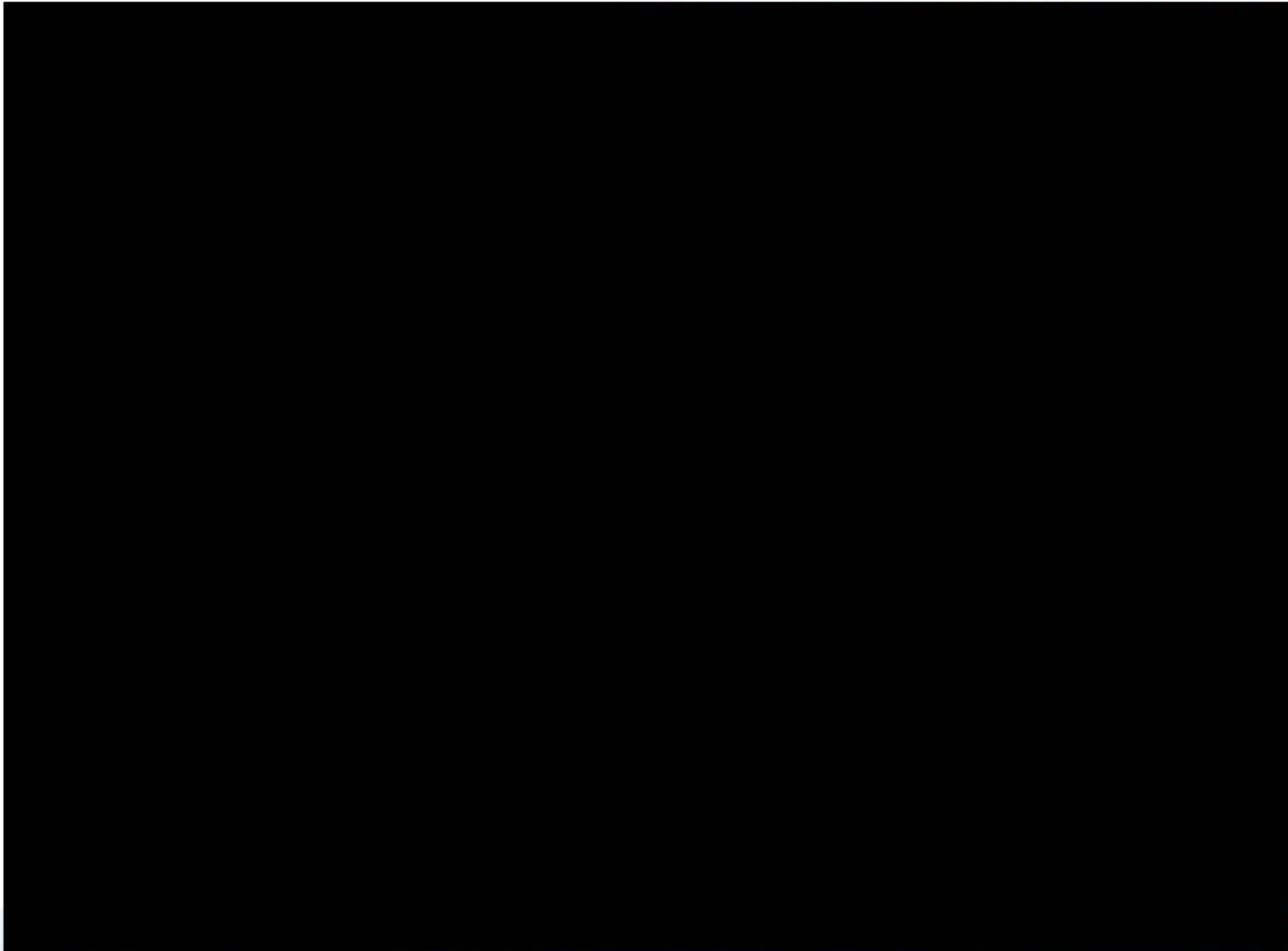
V  
F  
C  
a

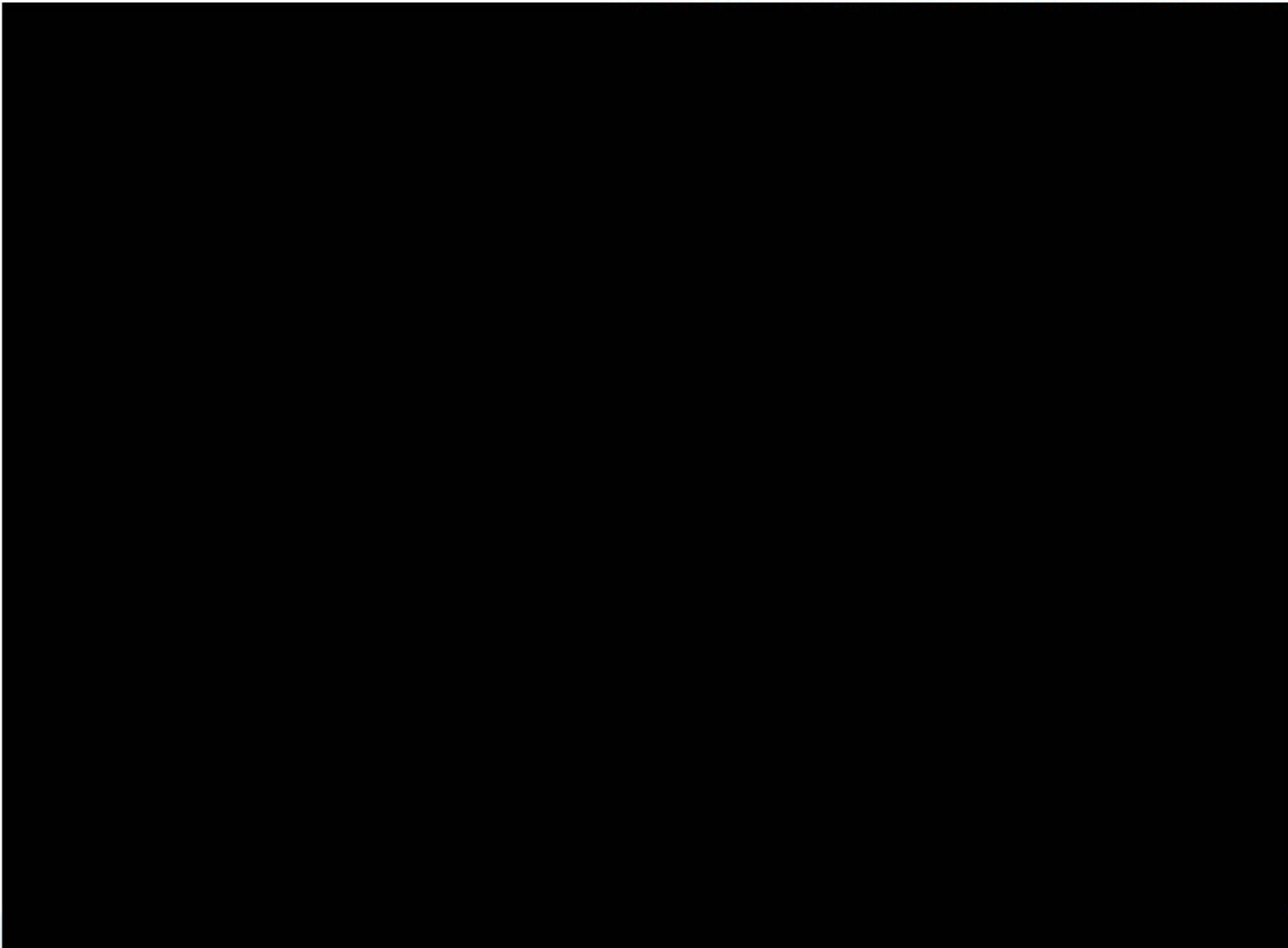








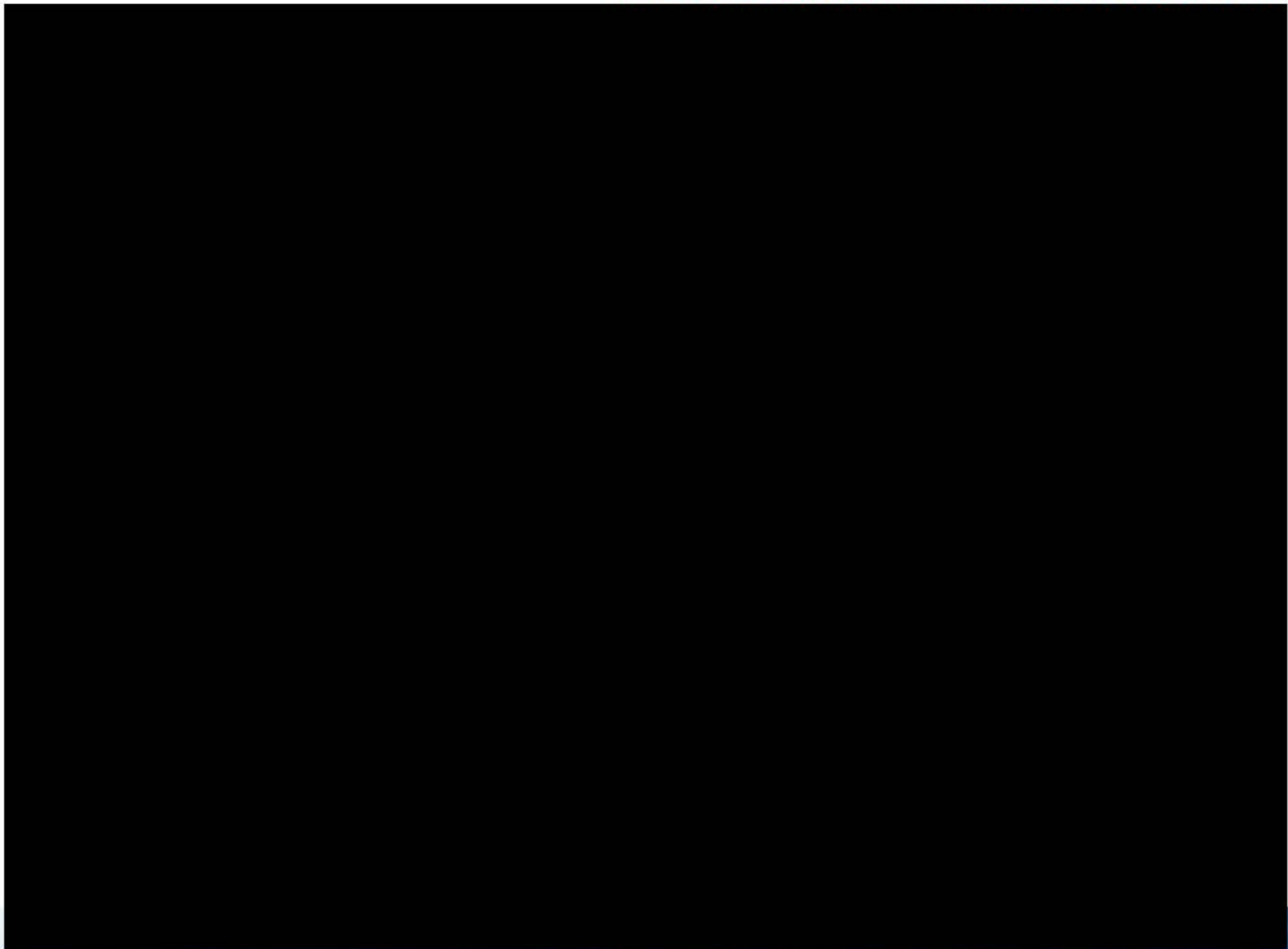




# Quality Report Contents

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

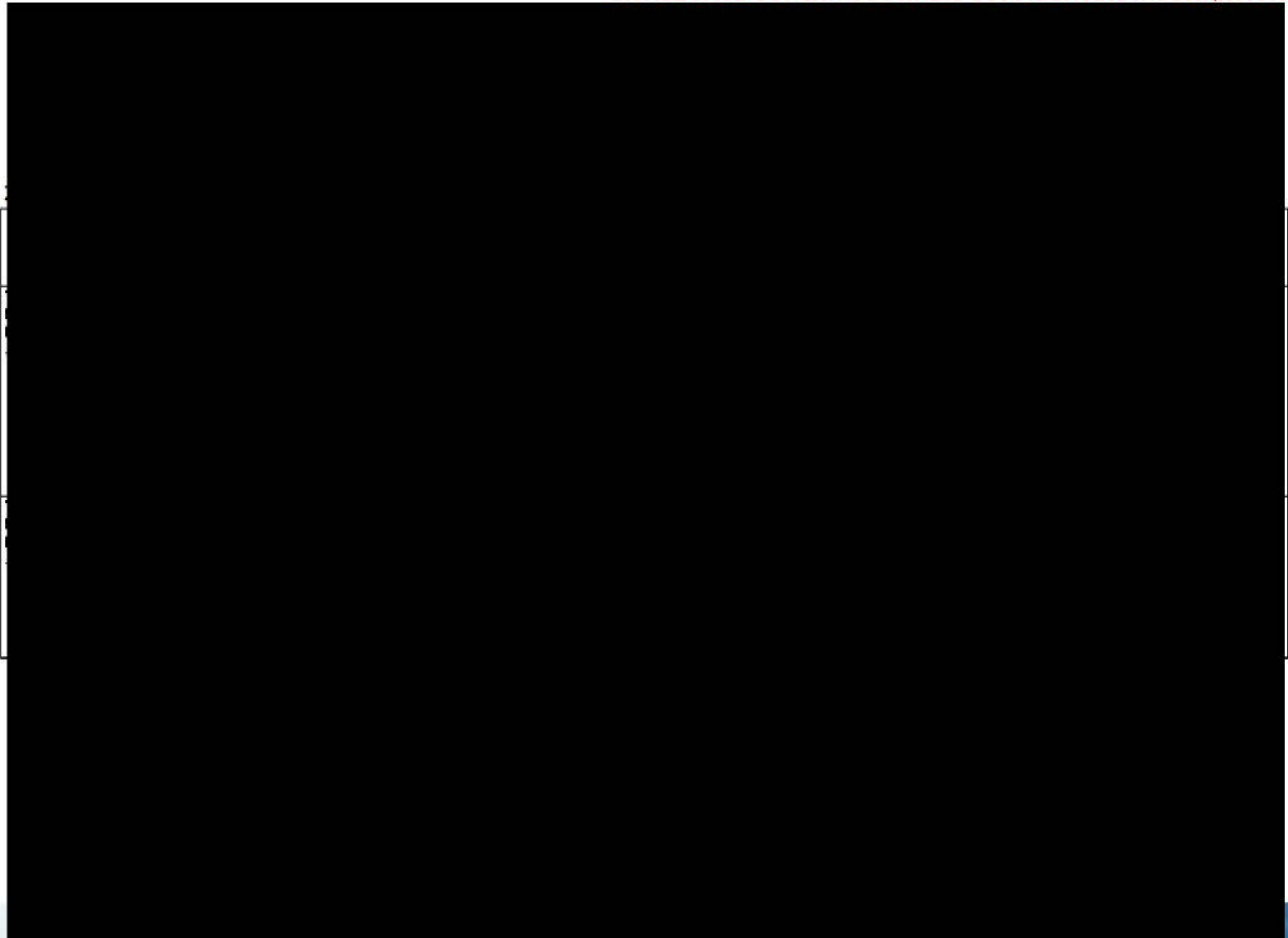




# Quality Report Contents

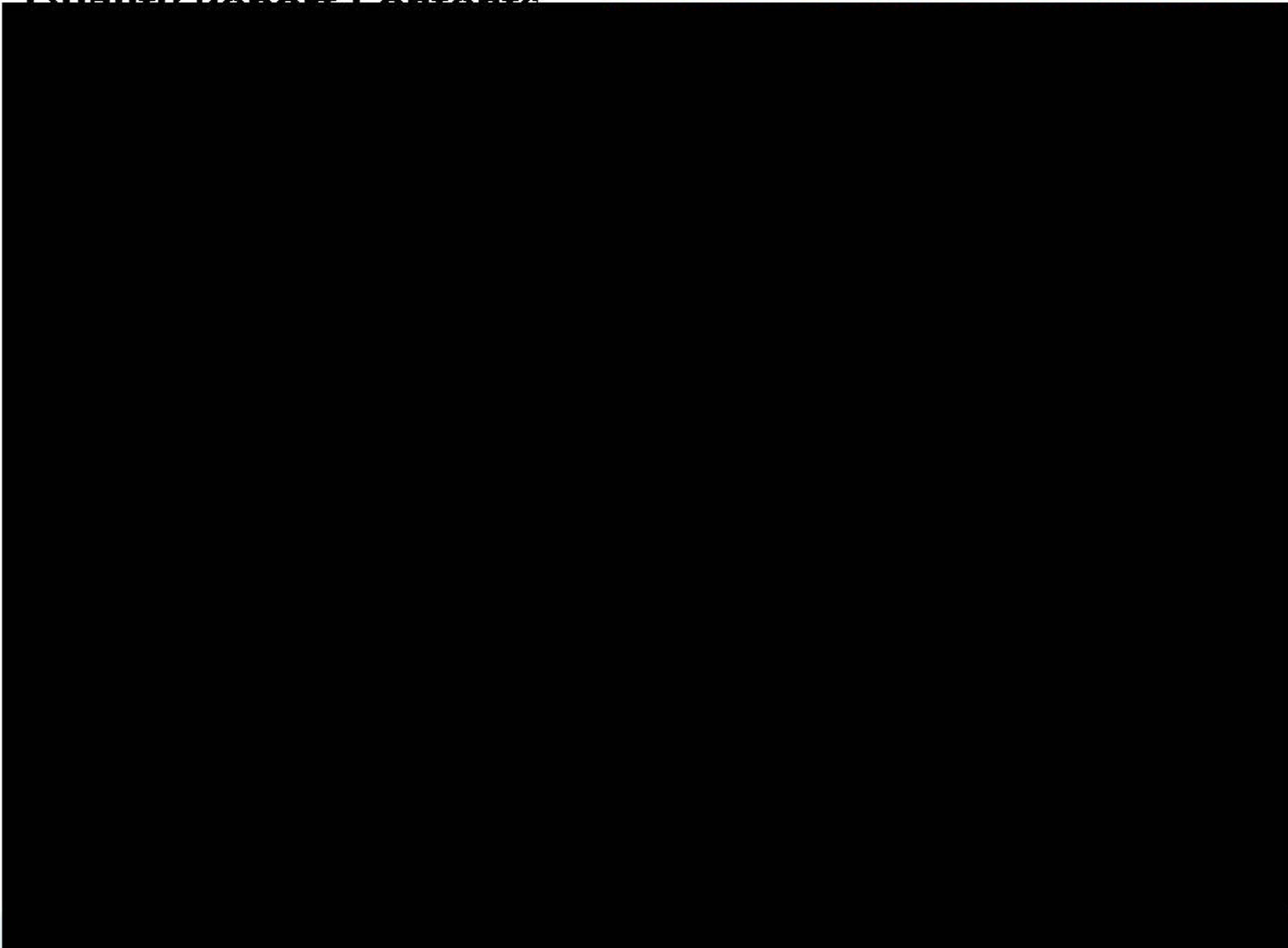
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION





# Quality Report Contents

ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION





(b)  
W  
iss  
AS  
F  
n  
c  
lr  
b  
ir  
\  
lr  
s  
\  
(  
e  
h  
e

2  
2  
3  
3  
3



(b)

W  
Re  
me  
on

(b)

(v)

inc

to

im

(bit

W

Inc

sh

Vis

Cr

eve

Inv

equ

8

8

(b)

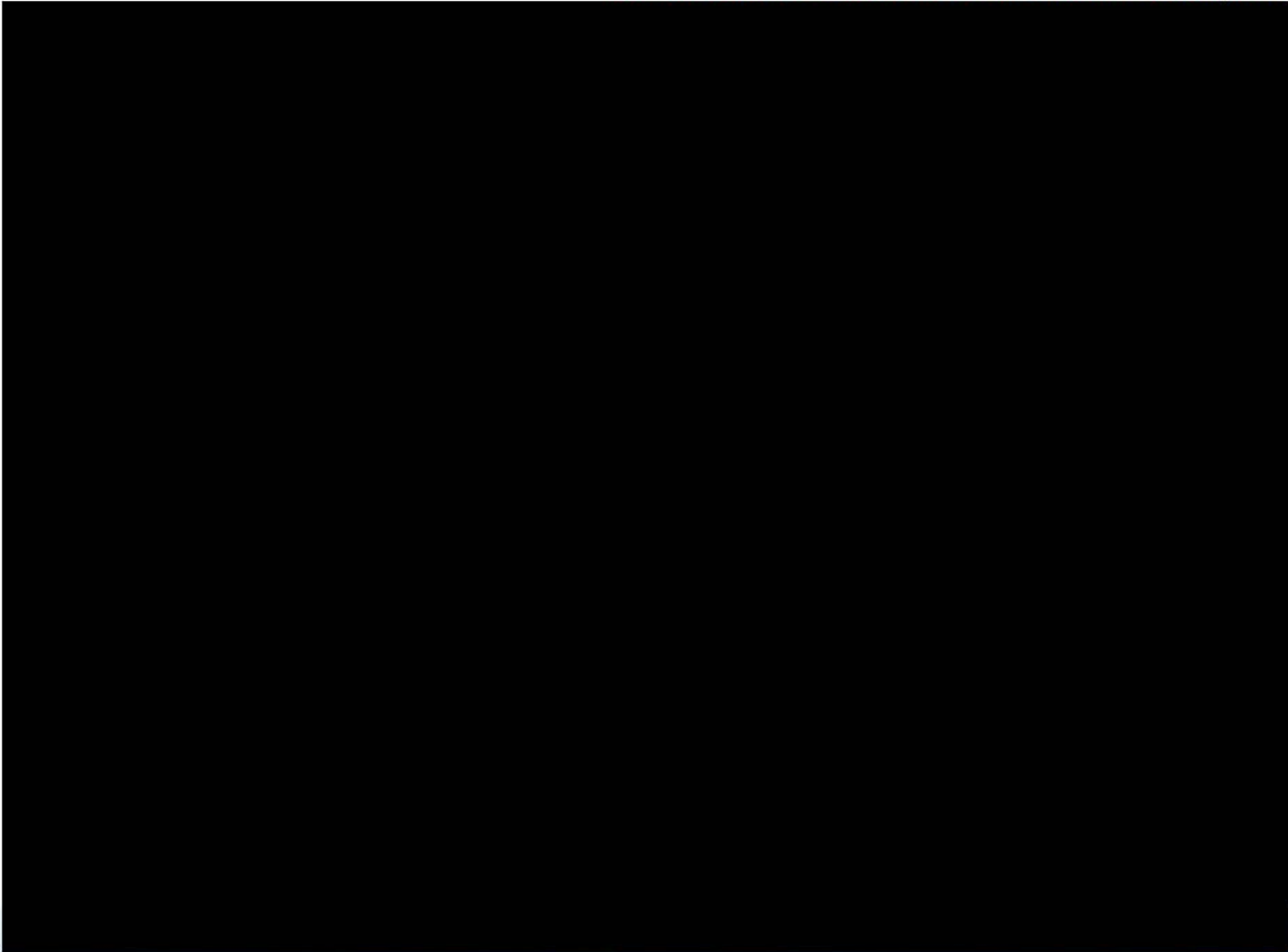
W

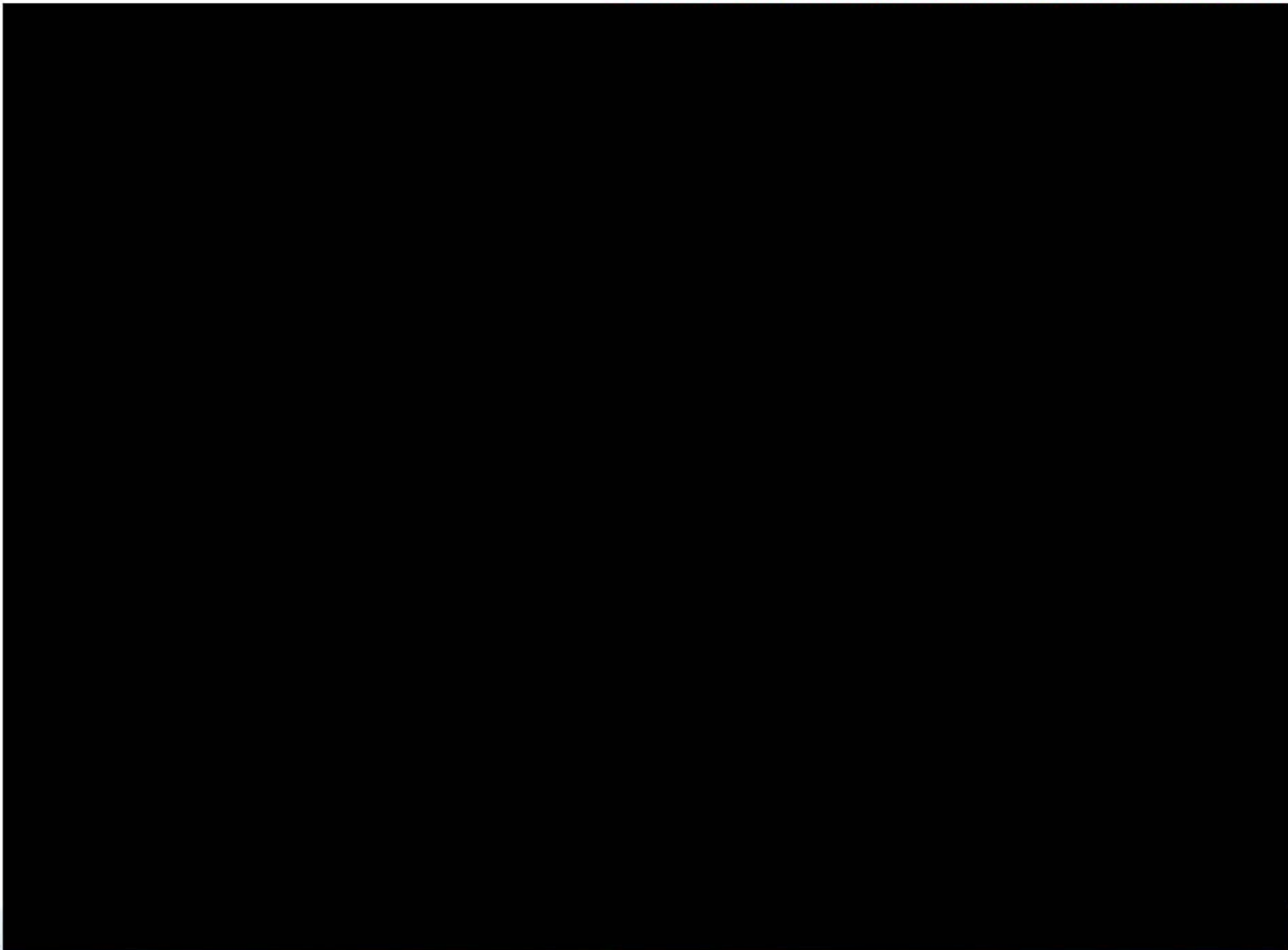
Cr

ev

Inv

eq





PE14-033

HONDA

1/23/2015

Q8

Loose bond wire

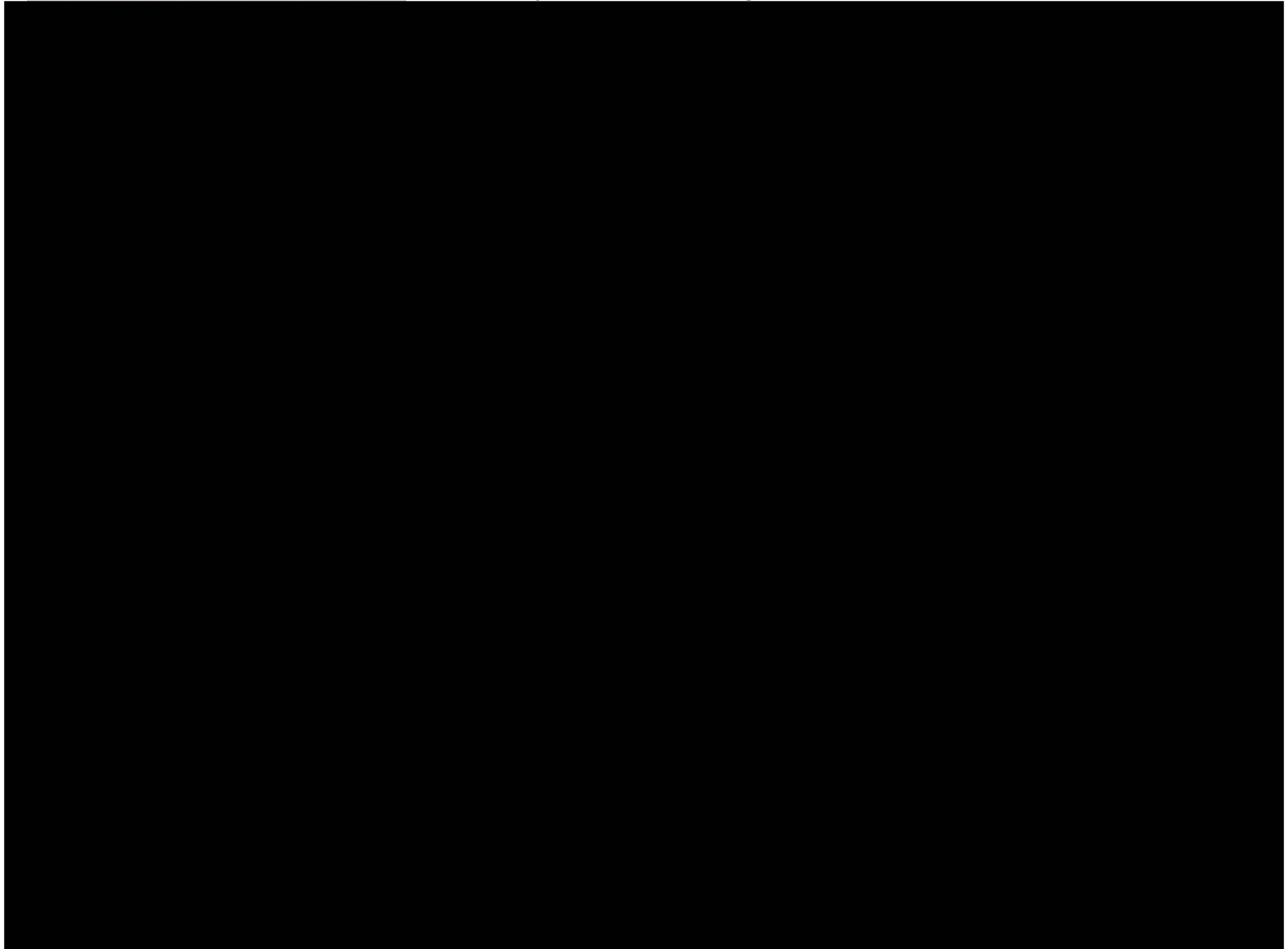
Q8-9 -

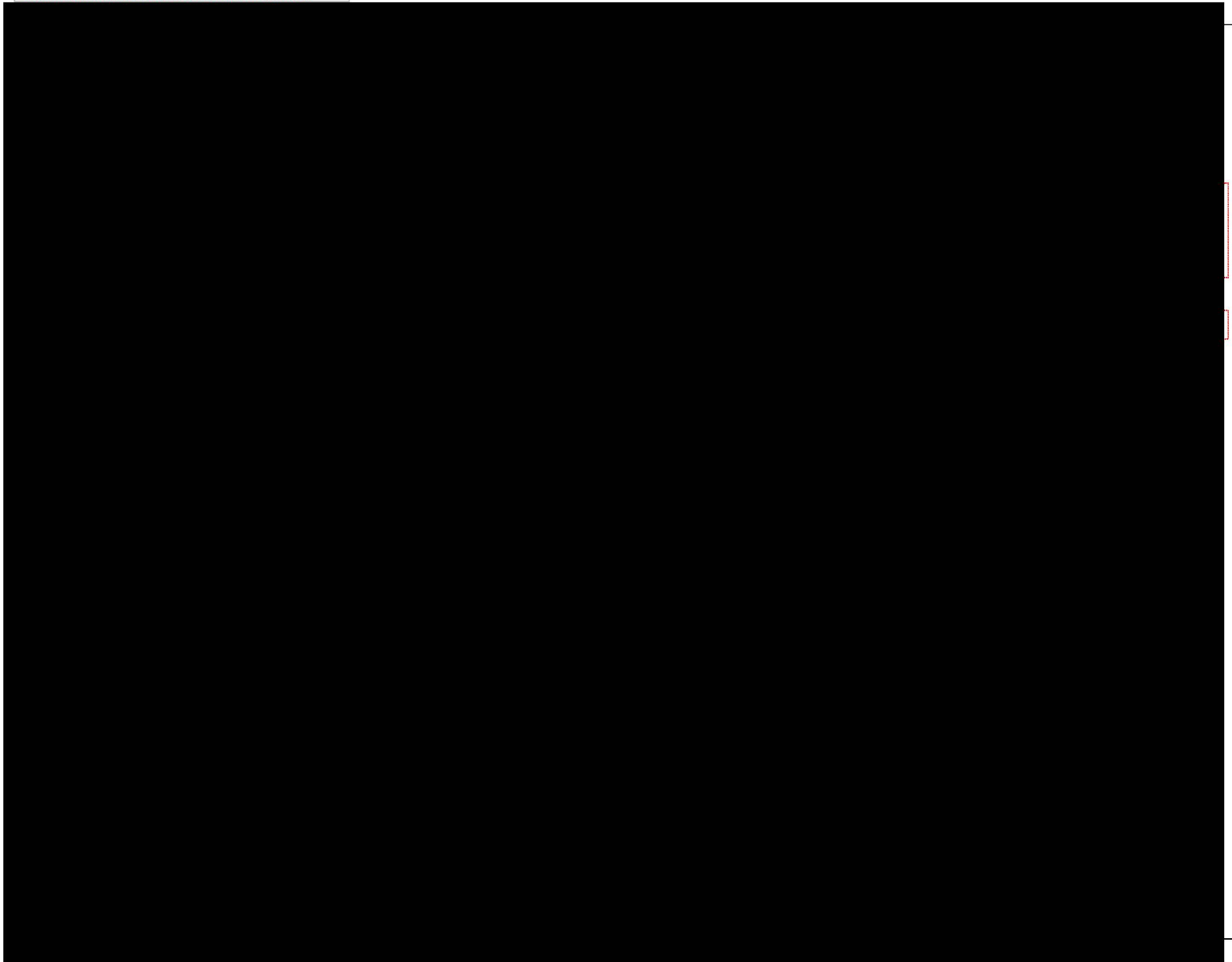
5P\_Bourns\_Loose\_Bond\_Wire

REDACTED



## 5 Principles for Problem Solving Sheet

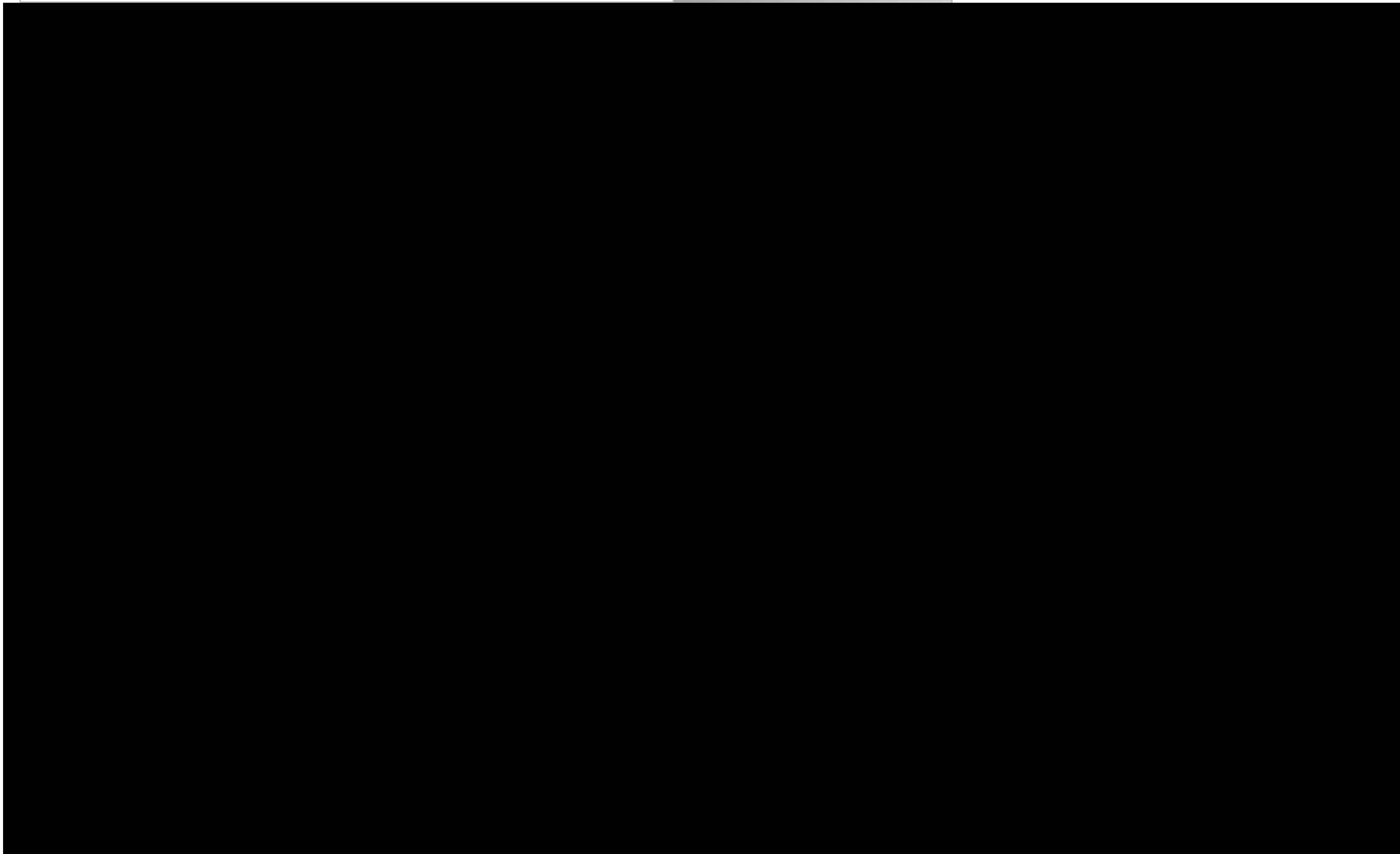




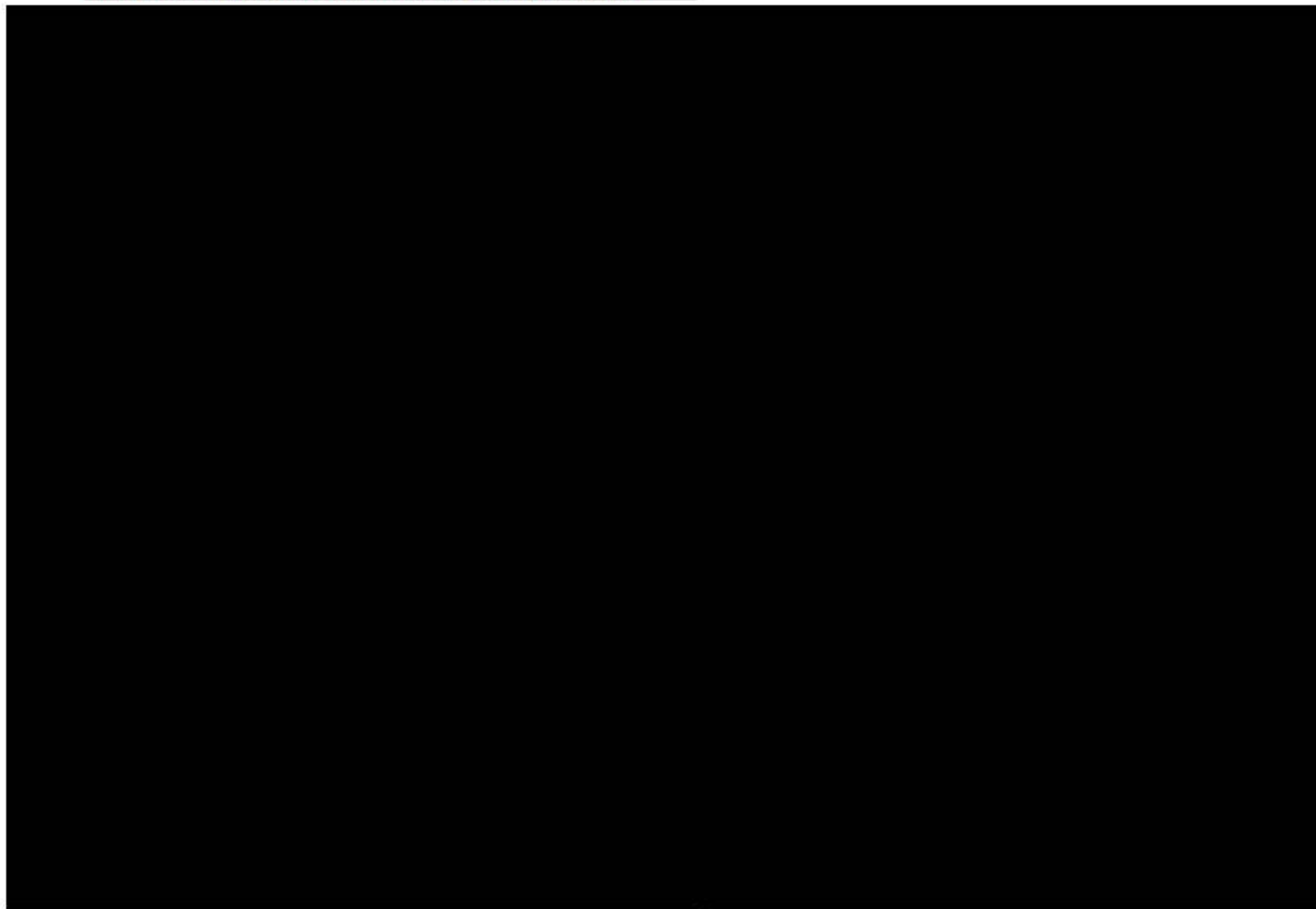
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

4

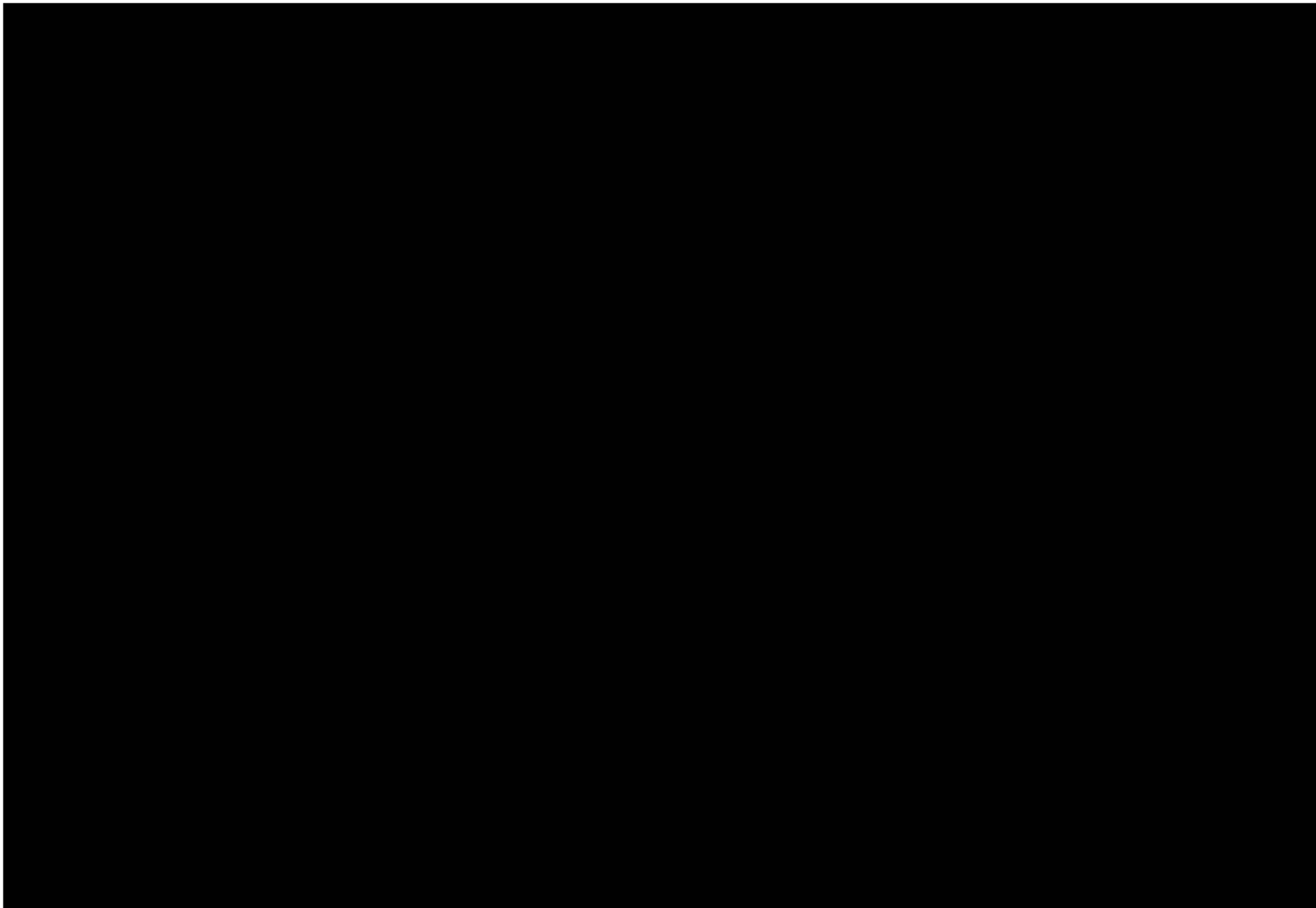
4



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



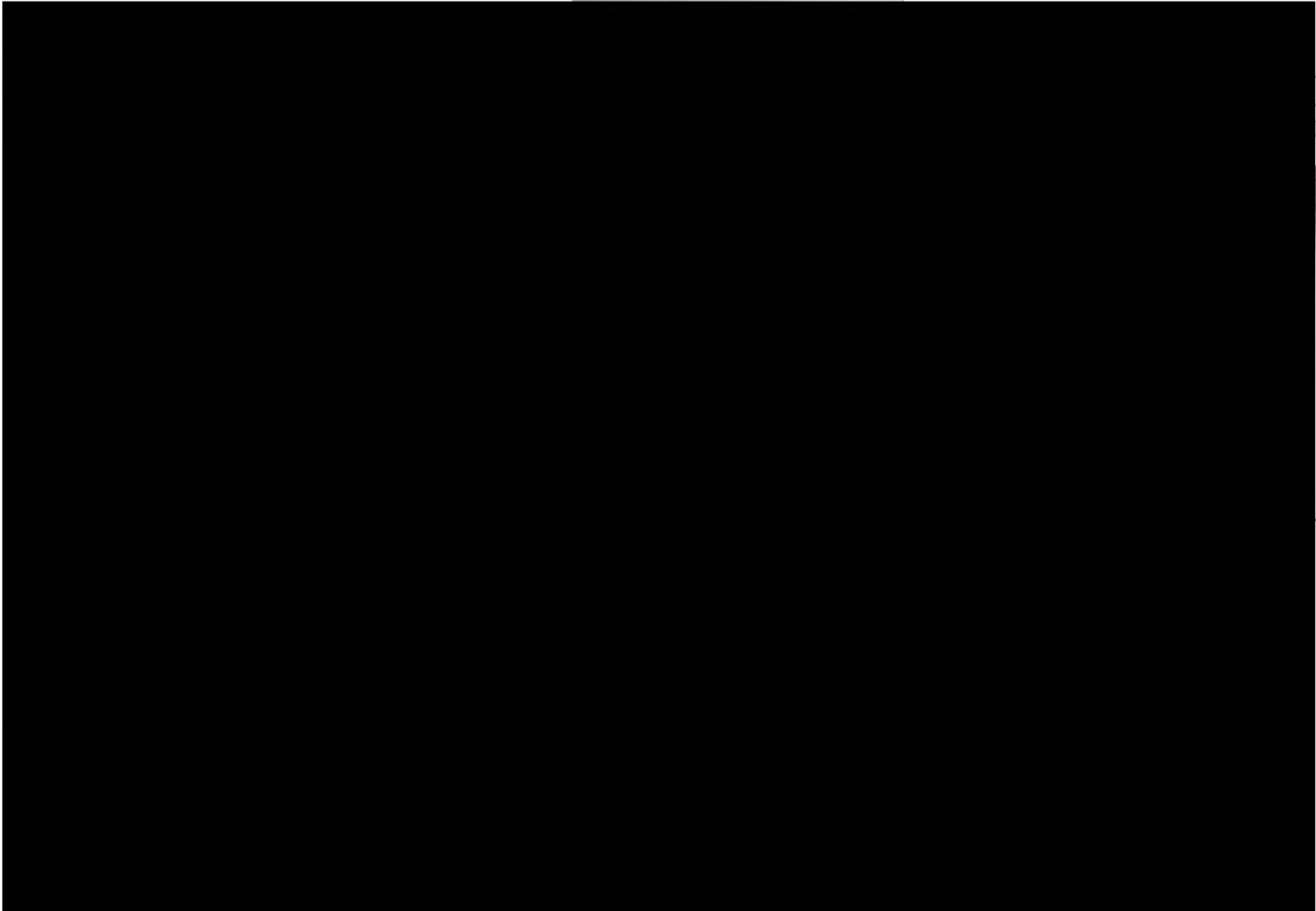
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



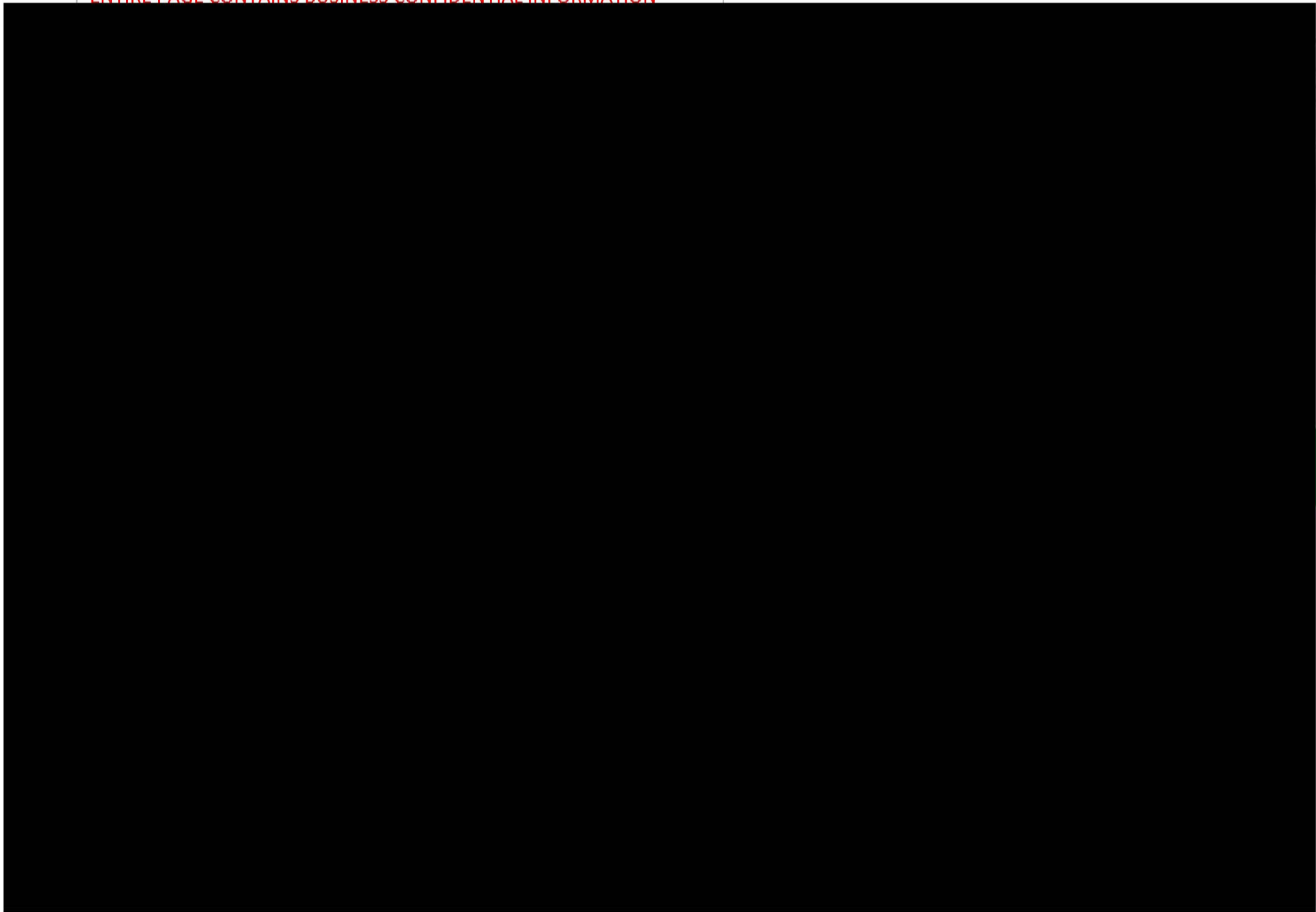
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION

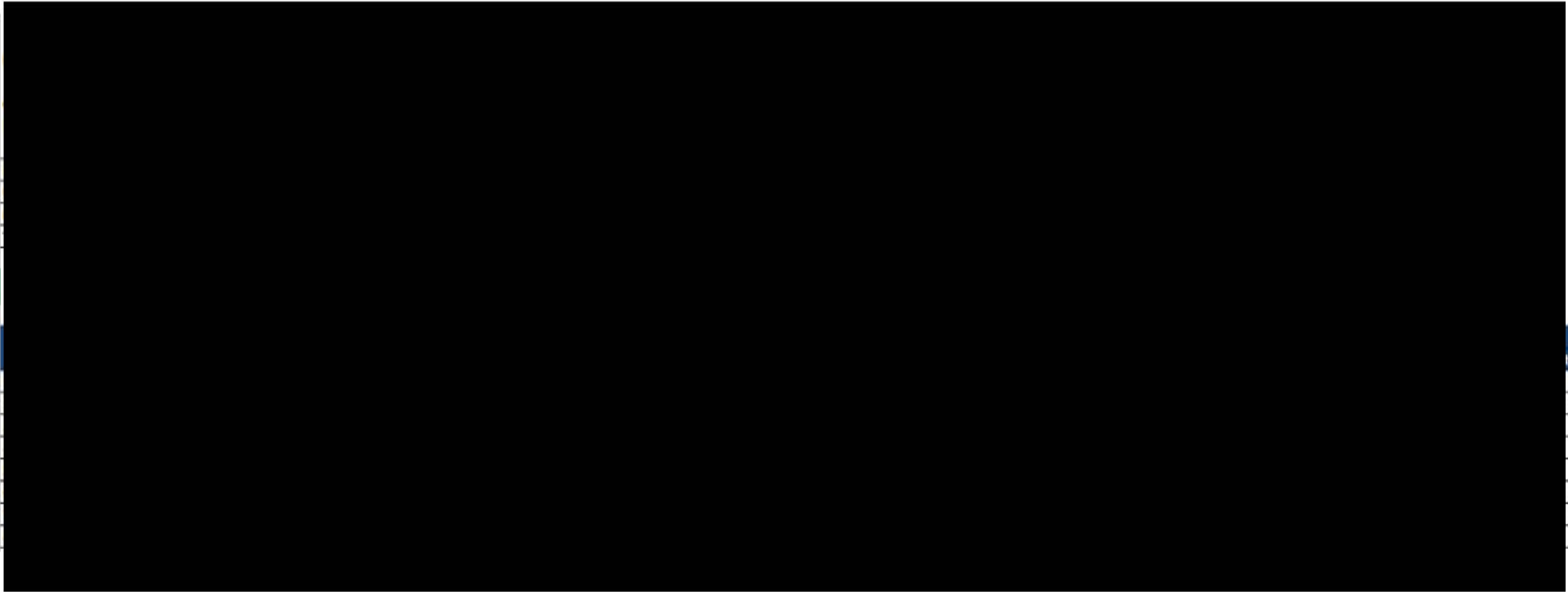


ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION





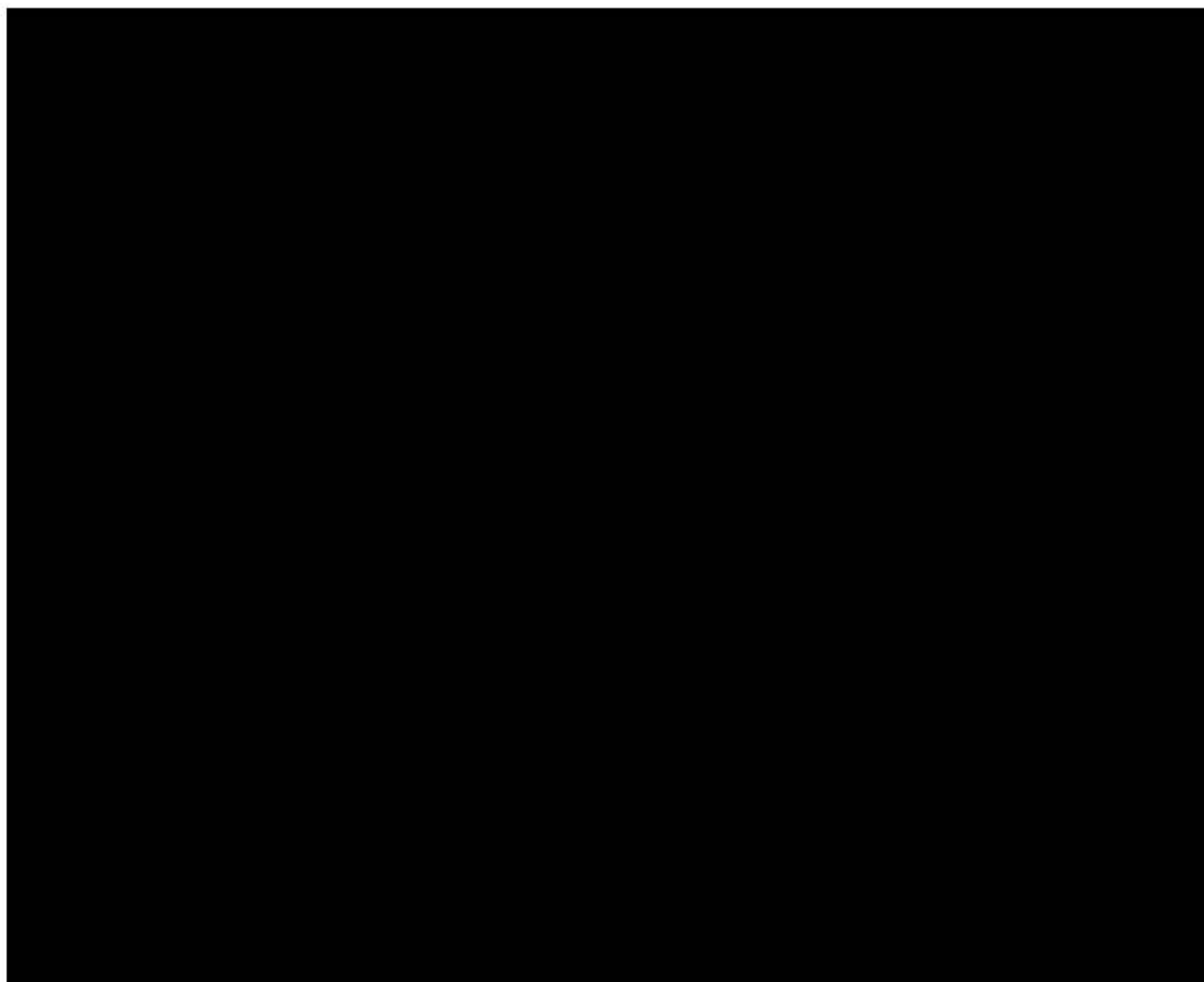
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



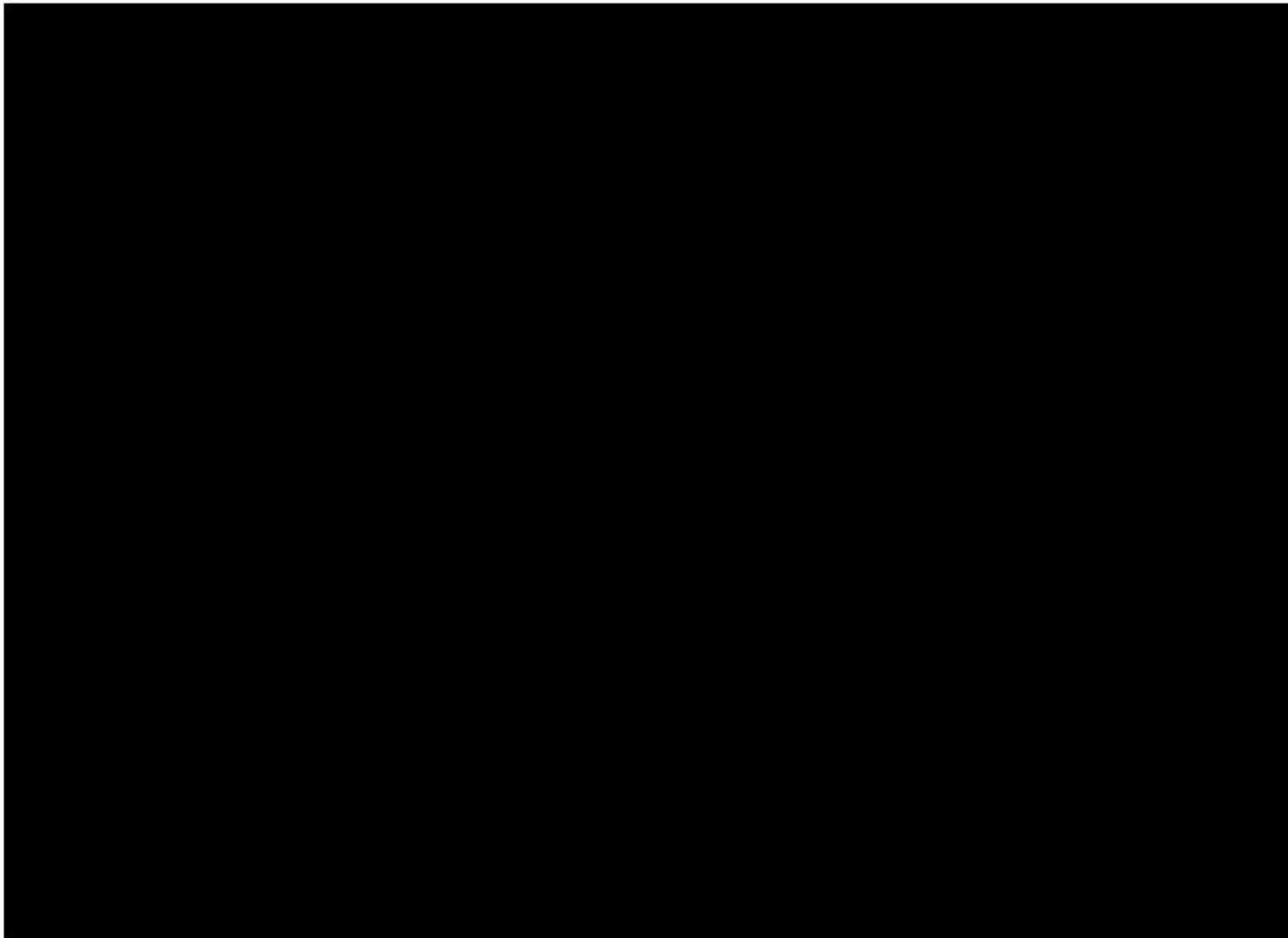
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



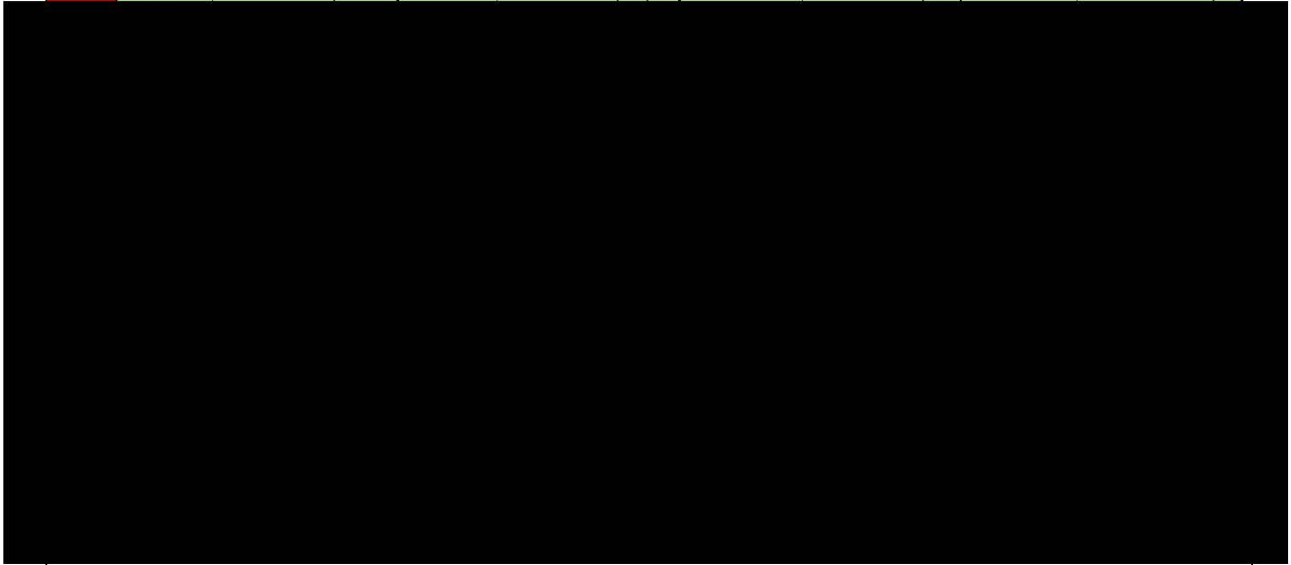
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



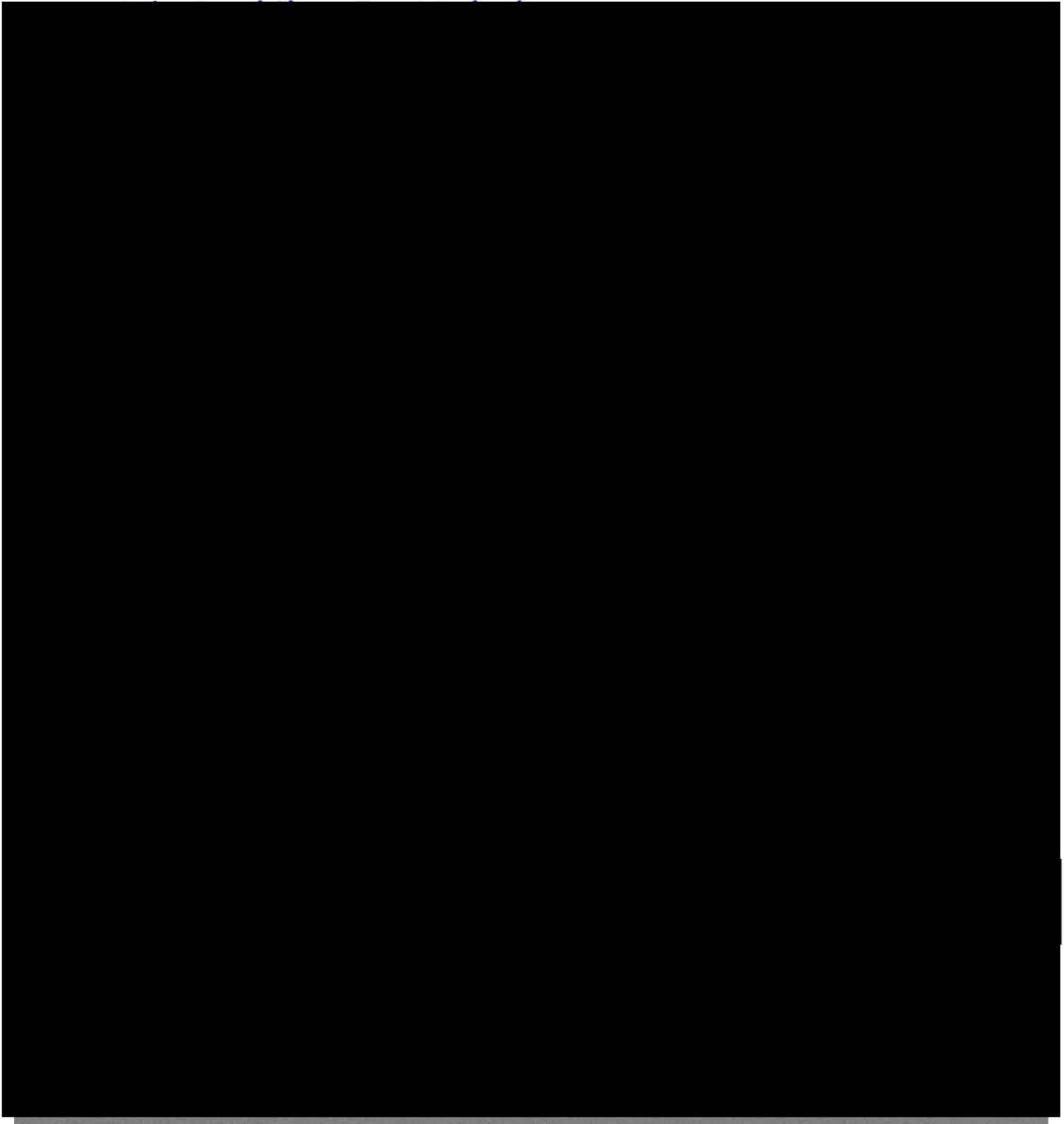
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



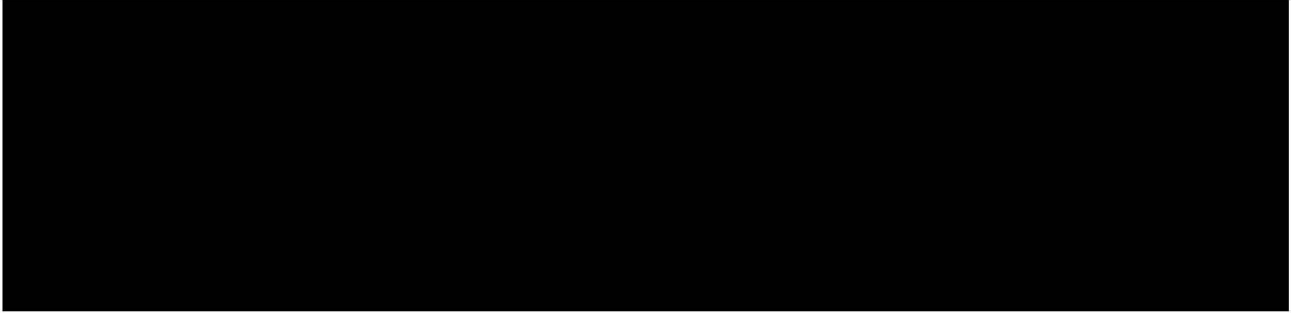
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



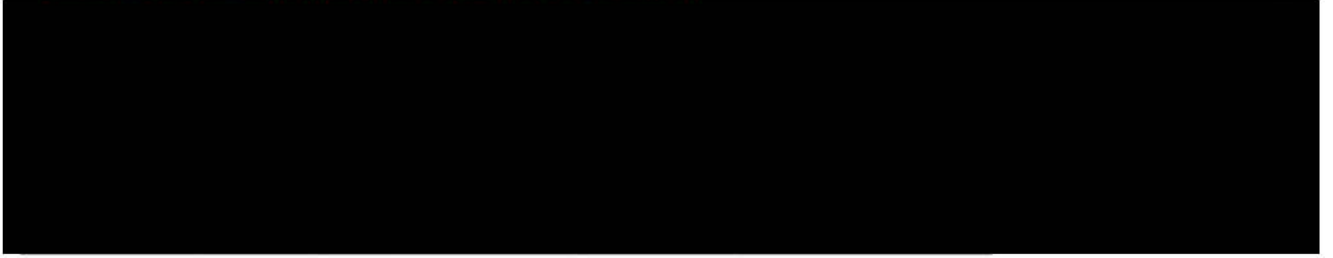
ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION



ENTIRE PAGE CONTAINS BUSINESS CONFIDENTIAL INFORMATION





PE14-033

HONDA

1/23/2015

Q8

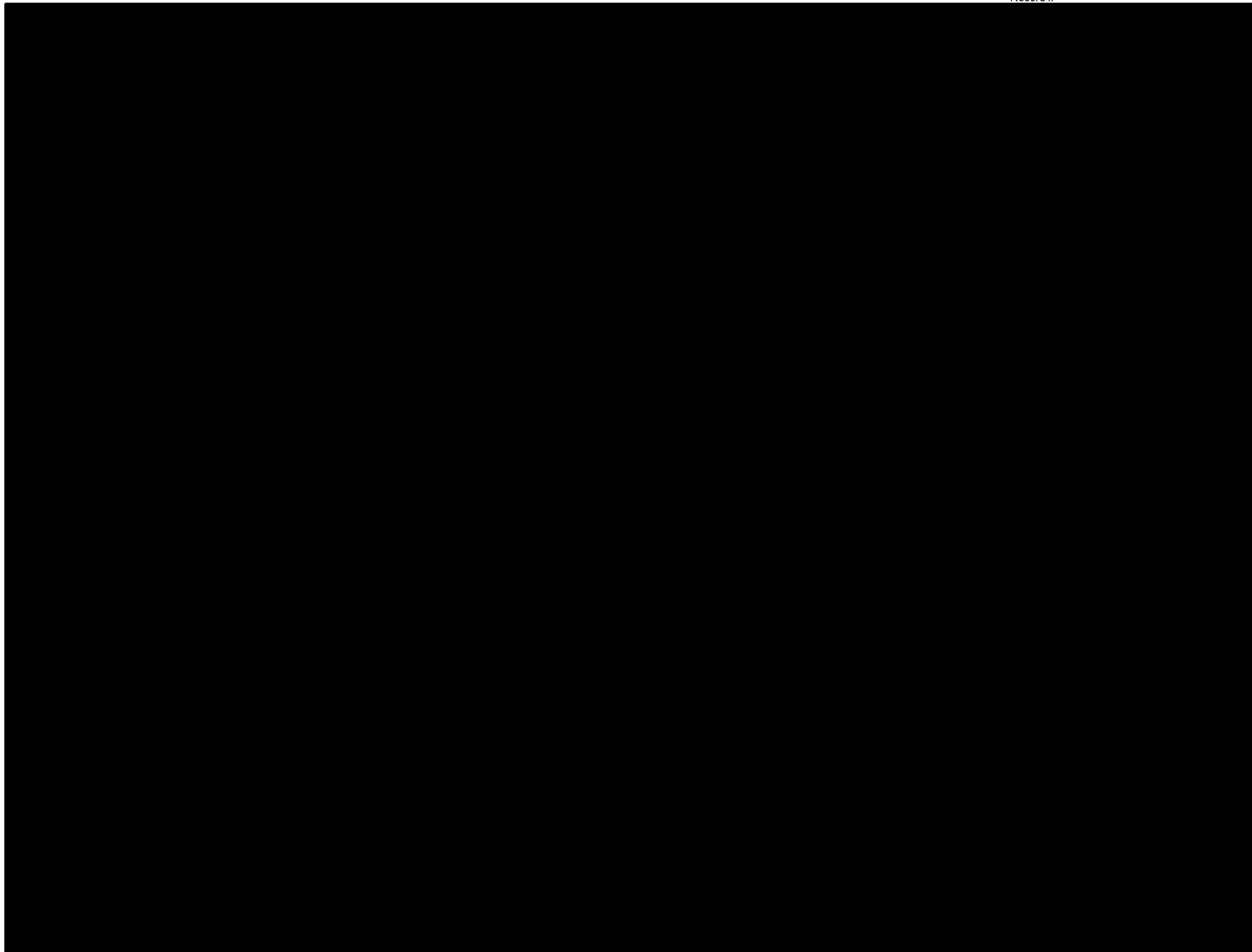
MR analysis

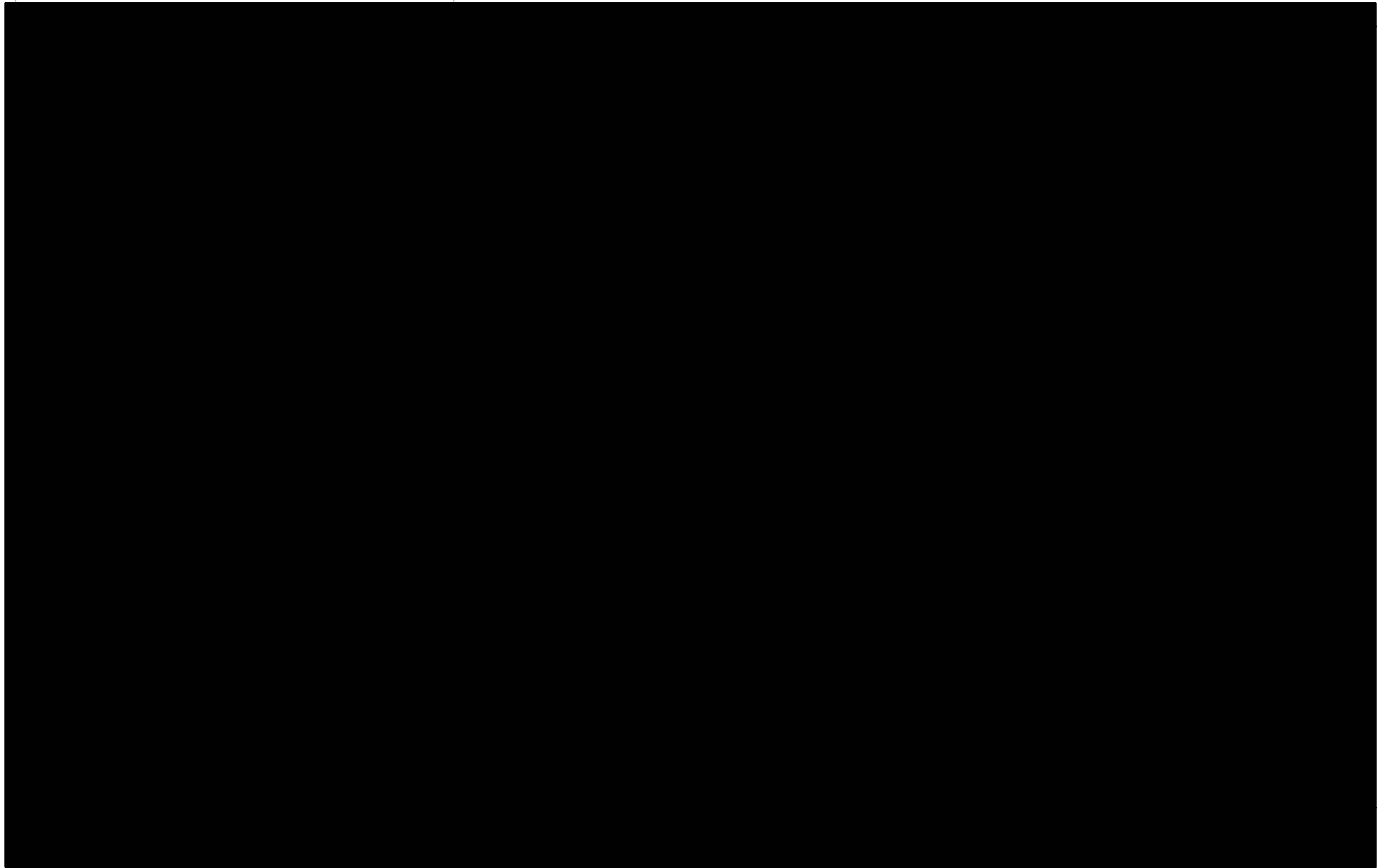
Q8-11 -

5P\_Bourns\_MR\_Torque\_Senso  
r\_REDACTED

## 5 Principles for Problem Solving Sheet

Record #





PE14-033

HONDA

1/23/2015

Q8

MR analysis

Q8-12 - Showa Quality Issues

Report\_Template for MR

Issue\_20130617\_REDACTED













































































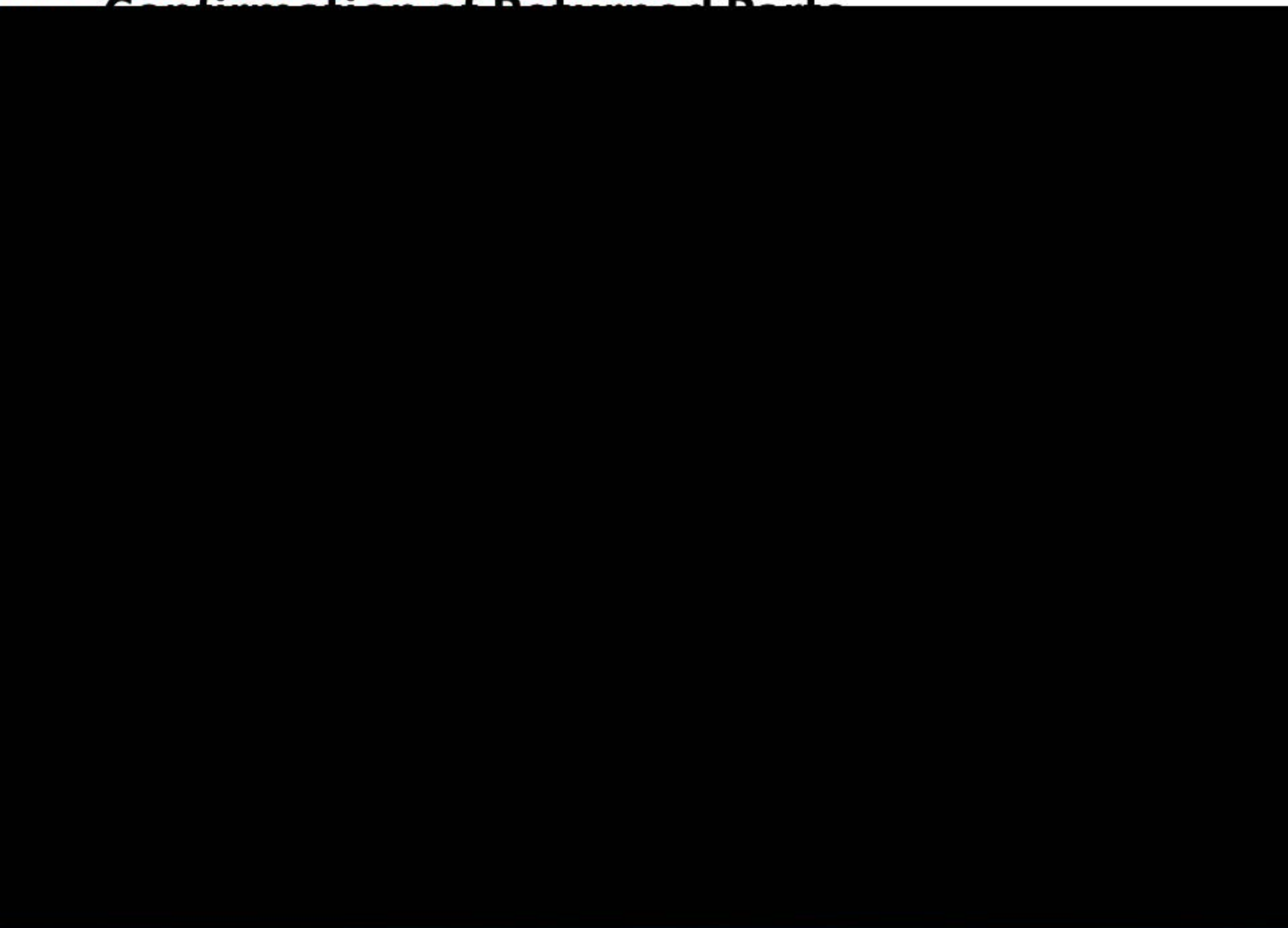








# Confidentiality of Personnel Data





















# Cause Analysis - How can this happen? / ETA













# Cause Analysis - How can this happen? / ETA

























