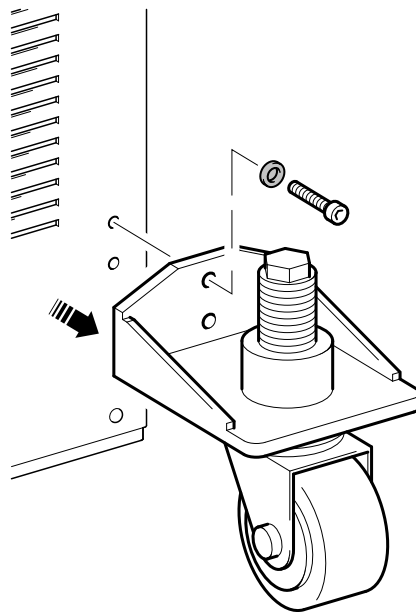

S1000D 4.1 Test Publication

WebCGM 2.1 Test Suite

FO Processor: Antenna House

TEST41-X1234-00002-01

Issue No. 001, 2024-07-31



Publisher:



Docuneering Ltd

For Docuneering testing and demonstration purposes only.

Produced by Docuneering Ltd.

Intentionally left blank.

WebCGM 2.1 Test Suite

WebCGM21

Table of contents

	Page
WebCGM21	1
References	2
Description	2
1 WebCGM21	2
1.1 aciDefaultFont	3
1.2 aciEdgeAttr	4
1.3 aciFontNormalization	6
1.4 aciForceSubstitution	7
1.5 aciGenericFonts	8
1.6 aciLineAttr	9
1.7 aciLineEdgeTypeDef	11
1.8 aciMapListOrder	13
1.9 aciMitreLimit	14
1.10 aciRestrictedTextType	15
1.11 aciSimpleFontSubstitution	16
1.12 alphaEscape	18
1.13 getObjectExtent	20
1.14 getObjectExtentTransformed	22
1.15 lineAnimation	24
1.16 lineOffset	26
1.17 rotateAnimation	28
1.18 rotateAPS	29
1.19 scaleAPS	32
1.20 setGetBGColor	35
1.21 setGetEdgeVisibility	37
1.22 setGetFillOffset2	39
1.23 setGetFillStyles2.0	41
1.24 setGetHatchIndex	43
1.25 setGetInteriorStyle	45
1.26 setGetLineStyles2.0	47
1.27 setGetPatternIndex	49
1.28 setGetStrokeOffset	51
1.29 setGetStrokeType	52
1.30 setGetTextStyles	54
1.31 setRedraw001	56
1.32 setRedraw002	58
1.33 setView001	60
1.34 setView002	62
1.35 spXCF	64
1.36 style	66
1.37 subString	68
1.38 transCellColor	70
1.39 transformAnimation	71
1.40 transformAPS	72
1.41 translateAnimation	75

Table of contents (Continued)

	Page
1.42 translateAPS	76
1.43 zCompress	79

References

Table 1 References

Data module / Technical publication	Title
None	

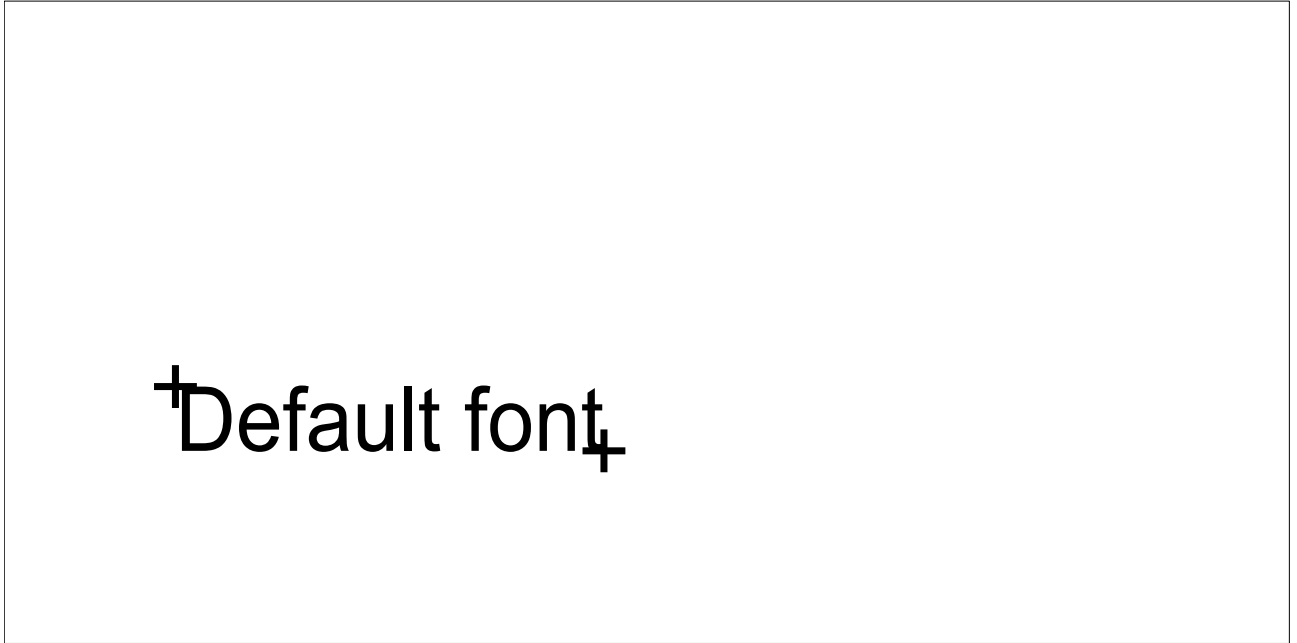
Description

1 WebCGM21

Every CGM illustration in this Data Module is immediately followed by a PNG illustration. The CGM illustration will be rendered in the PDF file while the PNG illustration provides a rasterized representation of what the CGM illustration should look like.

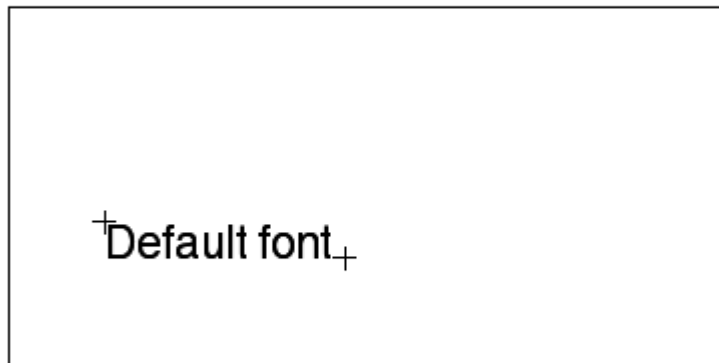
WebCGM21 TEST illustrations follow:

1.1 aciDefaultFont



aciDefaultFont-CGM

Fig 1, Sheet 1 of 2 aciDefaultFont



aciDefaultFont-PNG

Fig 1, Sheet 2 of 2 aciDefaultFont

Produced by Docuneering Ltd.

1.2 aciEdgeAttr



Edge Join = default



Edge Join = round

aciEdgeAttr-CGM

Fig 2, Sheet 1 of 2 aciEdgeAttr



Edge Join = default

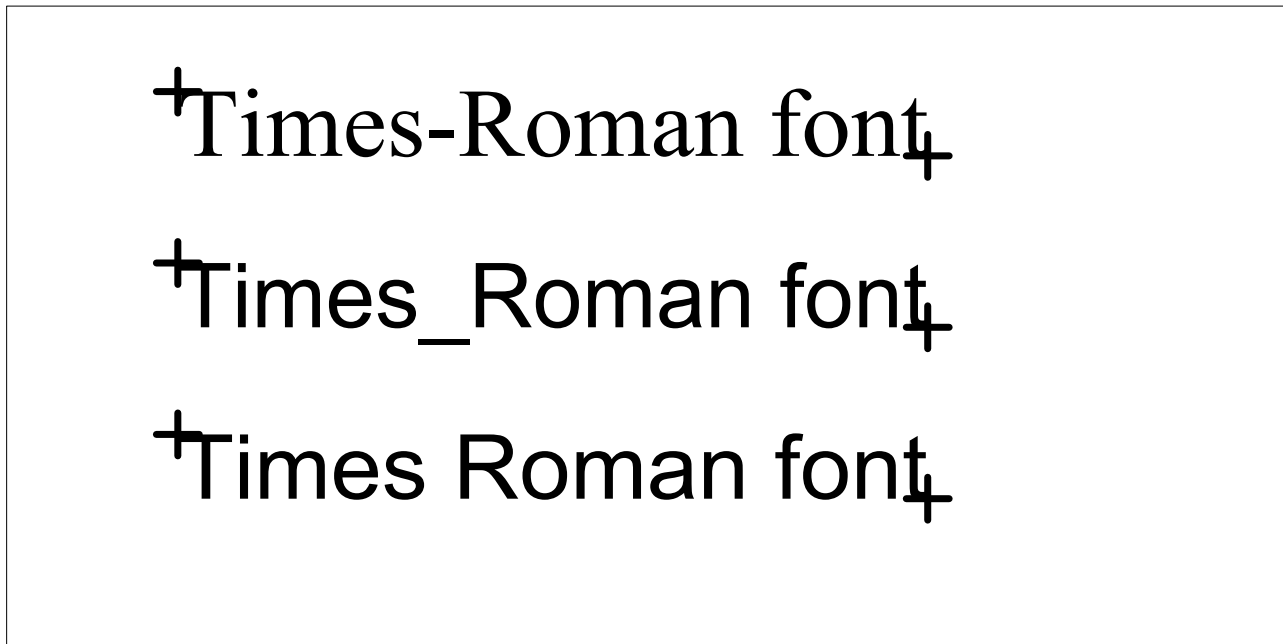


Edge Join = round

aciEdgeAttr-PNG

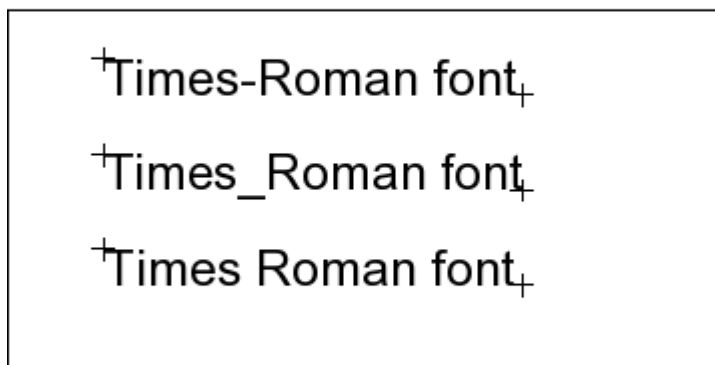
Fig 2, Sheet 2 of 2 aciEdgeAttr

1.3 aciFontNormalization



aciFontNormalization-CGM

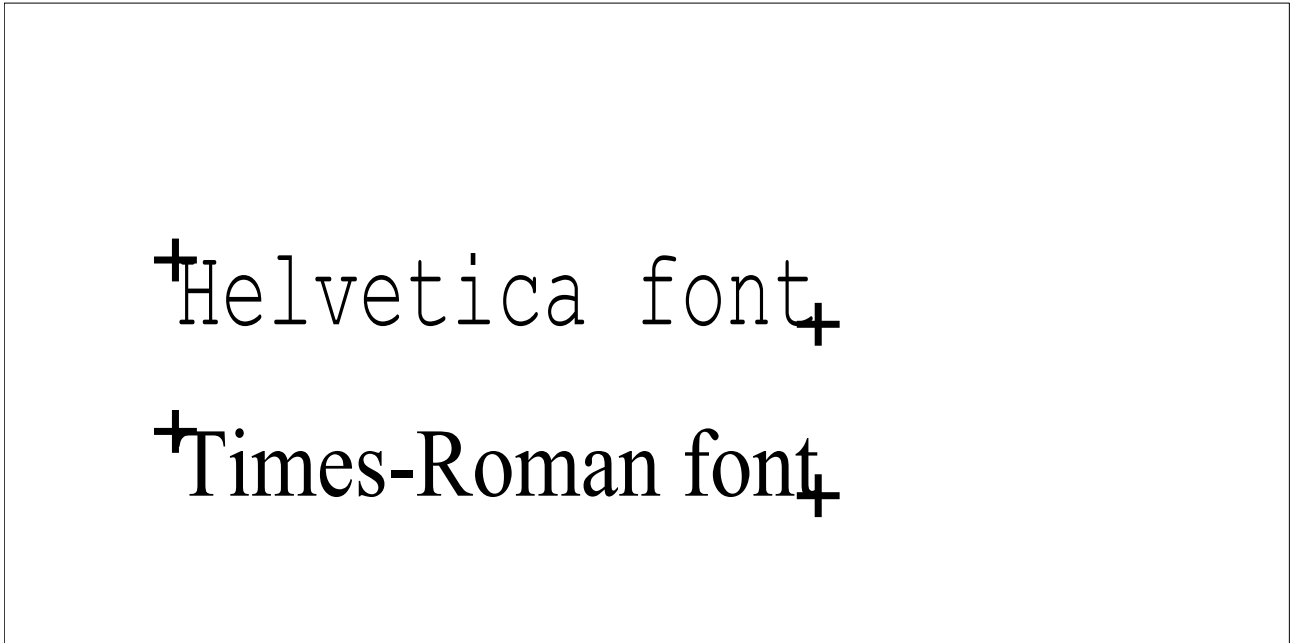
Fig 3, Sheet 1 of 2 aciFontNormalization



aciFontNormalization-PNG

Fig 3, Sheet 2 of 2 aciFontNormalization

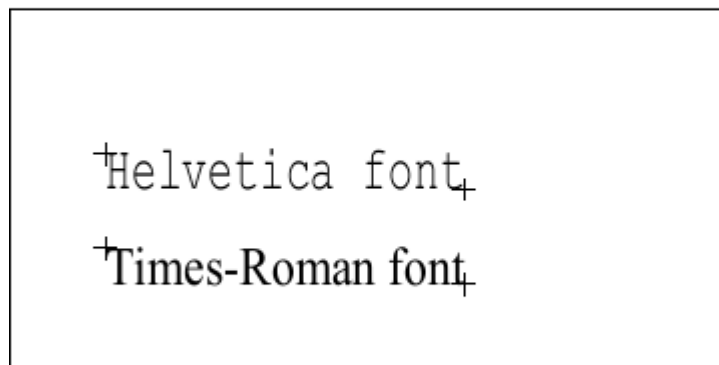
1.4 aciForceSubstitution



aciForceSubstitution-CGM

Fig 4, Sheet 1 of 2 aciForceSubstitution

=

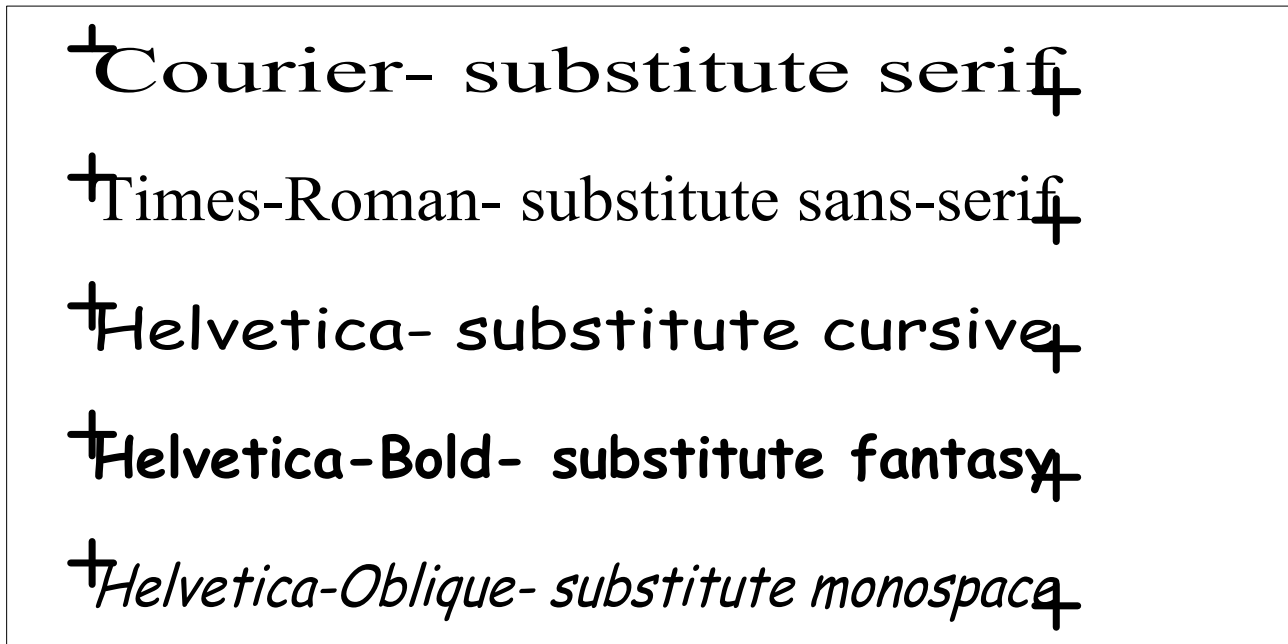


aciForceSubstitution-PNG

Fig 4, Sheet 2 of 2 aciForceSubstitution

Produced by Docuneering Ltd.

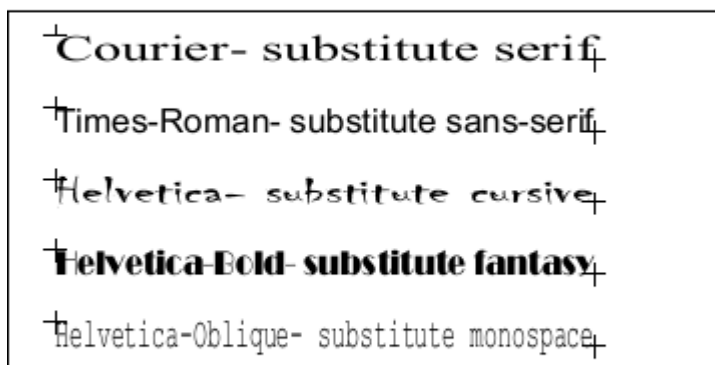
1.5 aciGenericFonts



aciGenericFonts-CGM

Fig 5, Sheet 1 of 2 aciGenericFonts

-



aciGenericFonts-PNG

Fig 5, Sheet 2 of 2 aciGenericFonts

1.6 aciLineAttr



Line Cap and Line Join = default



Line Cap = butt, Line Join = round

aciLineAttr-CGM

Fig 6, Sheet 1 of 2 aciLineAttr



Line Cap and Line Join = default

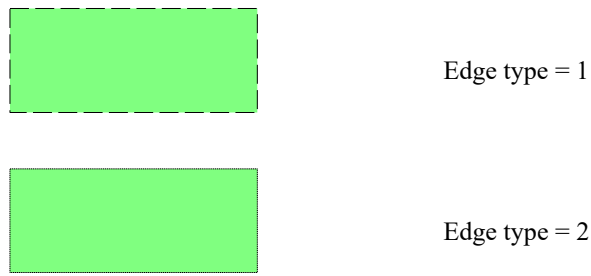
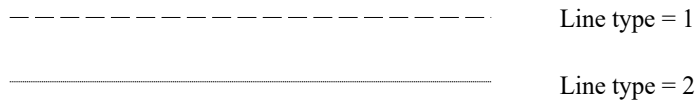


Line Cap = butt, Line Join = round

aciLineAttr-PNG

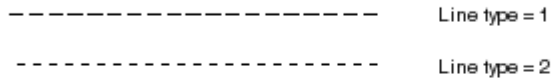
Fig 6, Sheet 2 of 2 aciLineAttr

1.7 aciLineEdgeTypeDef



aciLineEdgeTypeDef-CGM

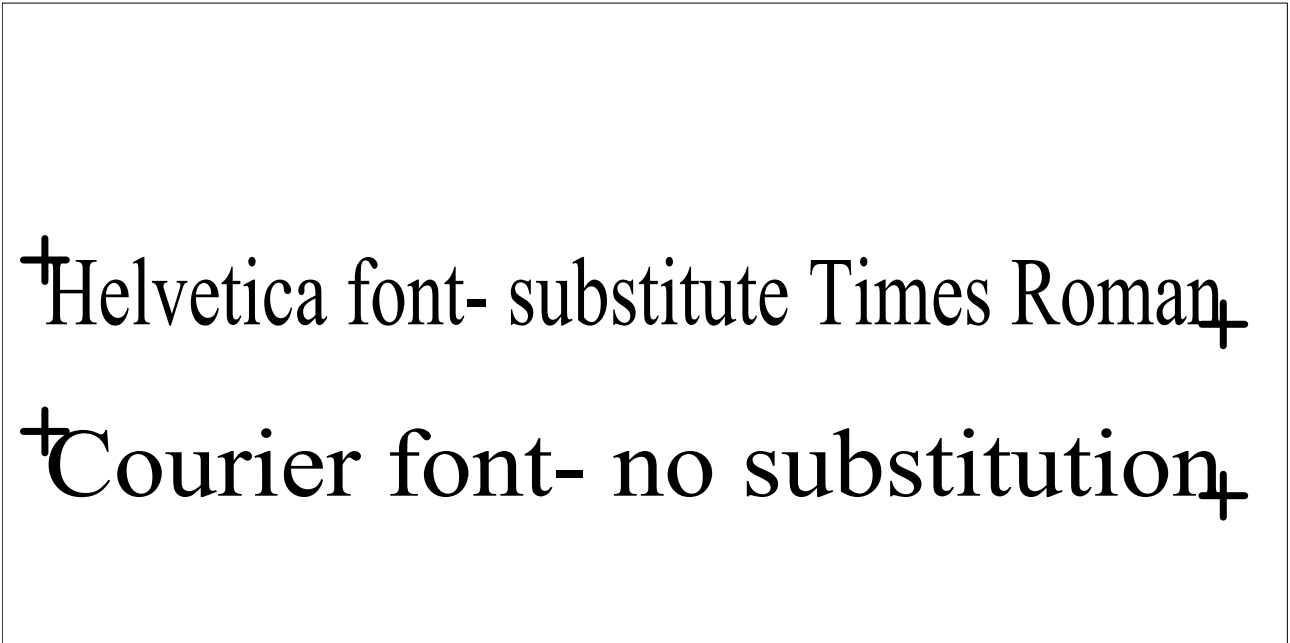
Fig 7, Sheet 1 of 2 aciLineEdgeTypeDef



aciLineEdgeTypeDef-PNG

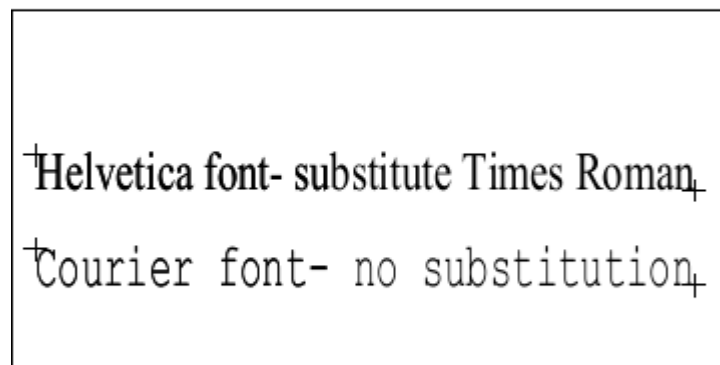
Fig 7, Sheet 2 of 2 aciLineEdgeTypeDef

1.8 aciMapListOrder



aciMapListOrder-CGM

Fig 8, Sheet 1 of 2 aciMapListOrder

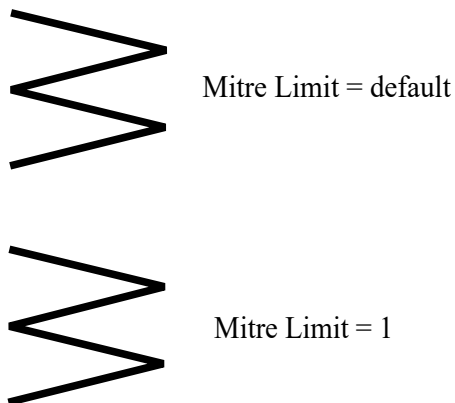


aciMapListOrder-PNG

Fig 8, Sheet 2 of 2 aciMapListOrder

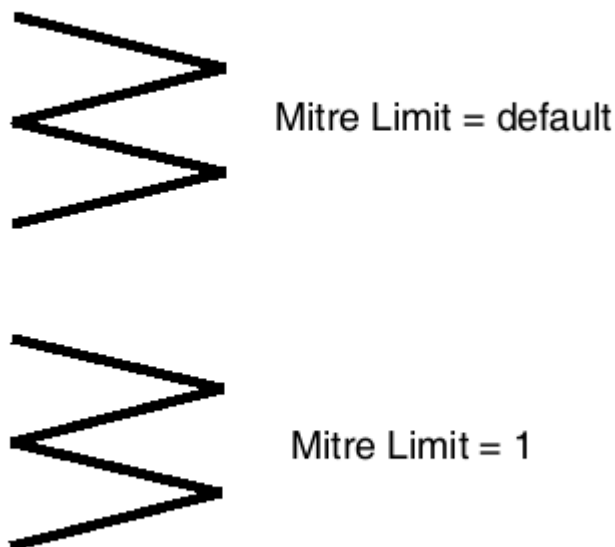
Produced by Docuneering Ltd.

1.9 aciMitreLimit



aciMitreLimit-CGM

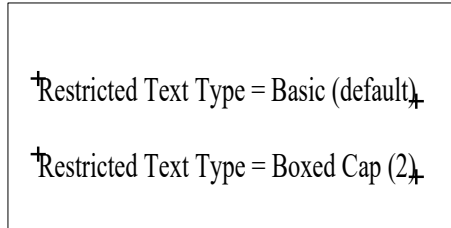
Fig 9, Sheet 1 of 2 aciMitreLimit



aciMitreLimit-PNG

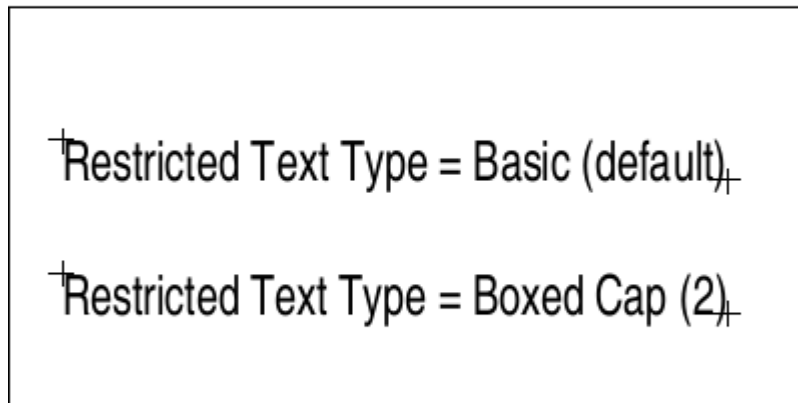
Fig 9, Sheet 2 of 2 aciMitreLimit

1.10 aciRestrictedTextType



aciRestrictedTextType-CGM

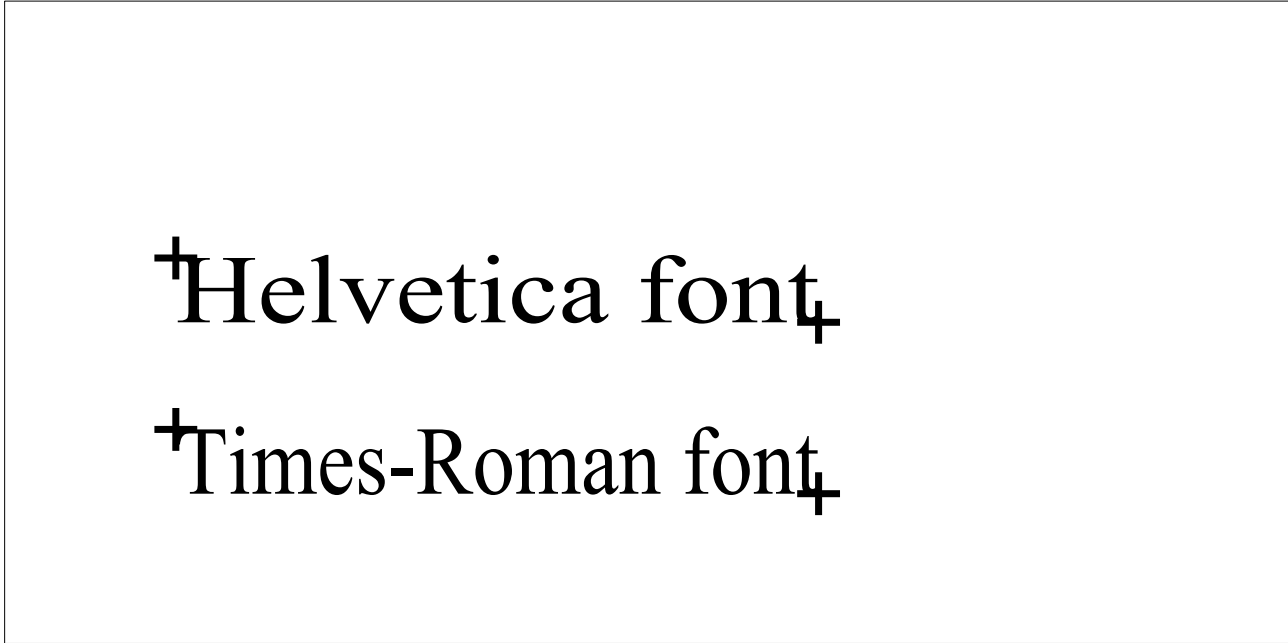
Fig 10, Sheet 1 of 2 aciRestrictedTextType



aciRestrictedTextType-PNG

Fig 10, Sheet 2 of 2 aciRestrictedTextType

1.11 aciSimpleFontSubstitution



aciSimpleFontSubstitution-CGM

Fig 11, Sheet 1 of 2 aciSimpleFontSubstitution

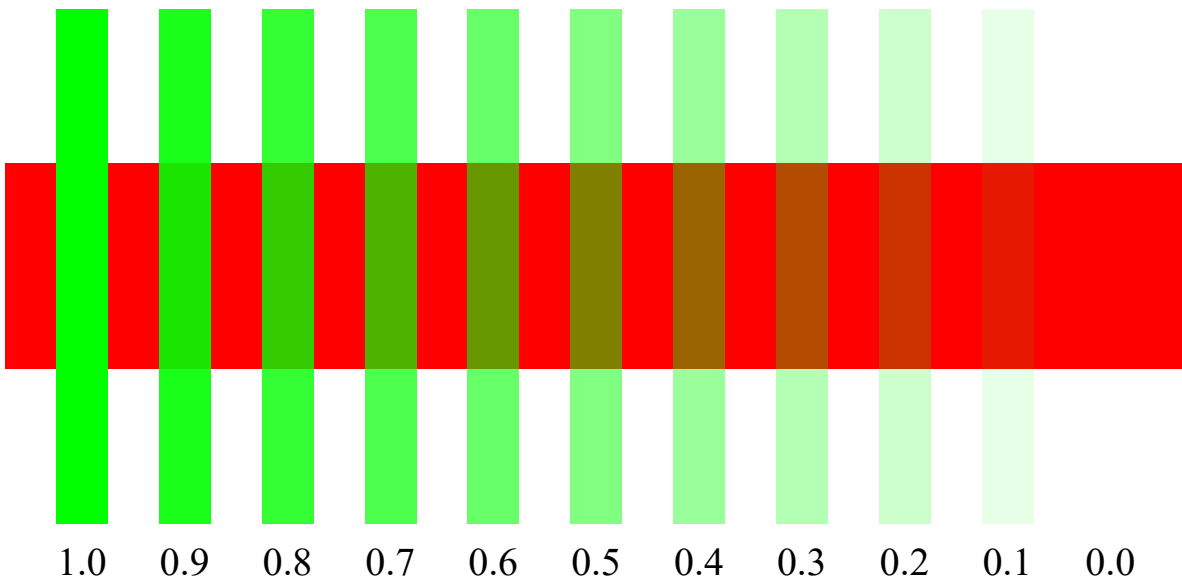


aciSimpleFontSubstitution-PNG

Fig 11, Sheet 2 of 2 aciSimpleFontSubstitution

1.12 alphaEscape

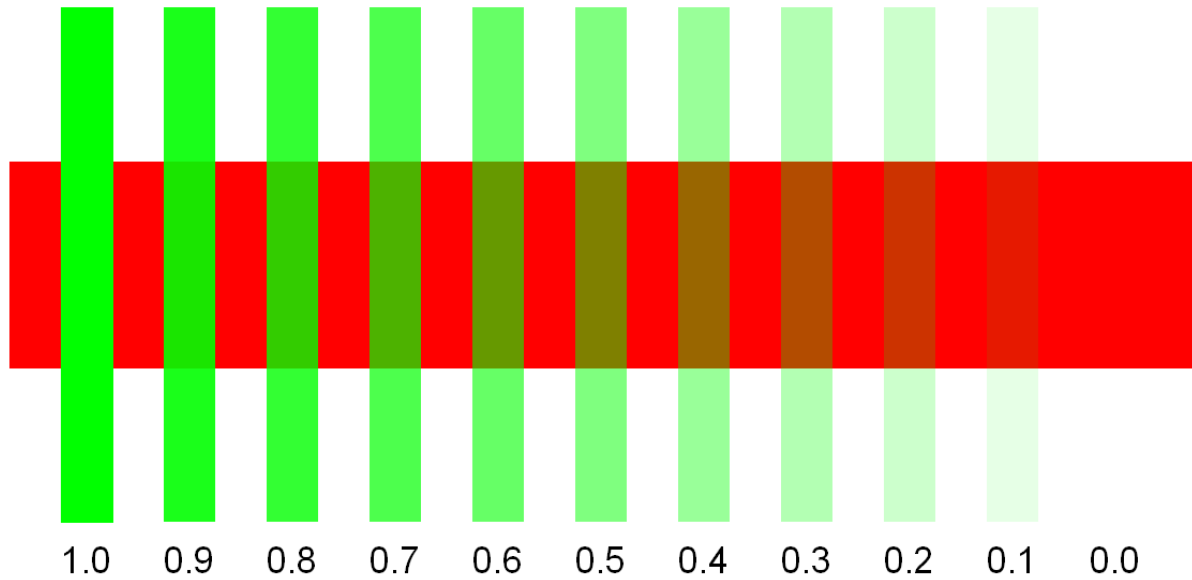
Alpha Blending



alphaEscape-CGM

Fig 12, Sheet 1 of 2 alphaEscape

Alpha Blending

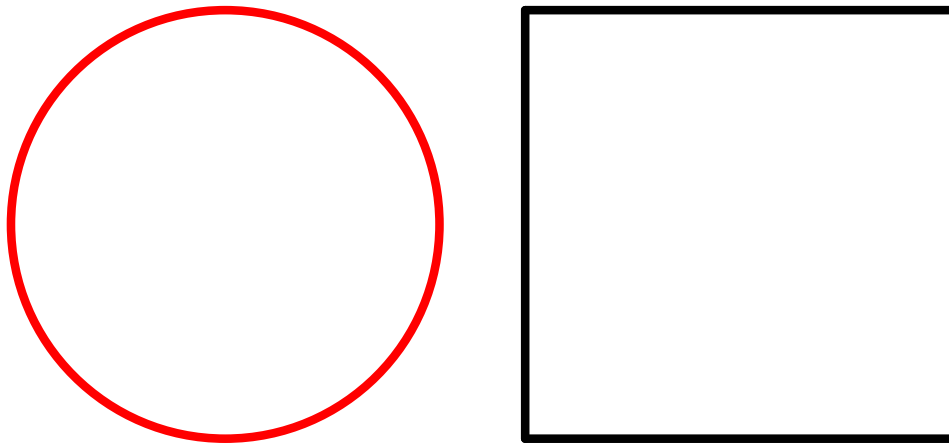


alphaEscape-PNG

Fig 12, Sheet 2 of 2 alphaEscape

Produced by Docuneering Ltd.

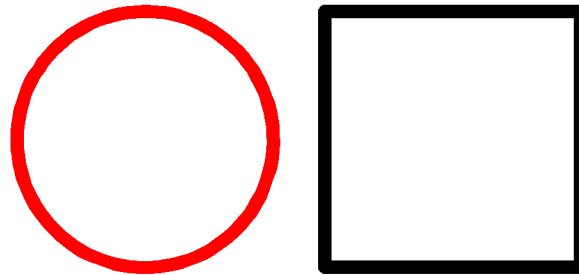
1.13 getObjectExtent



Text String

getObjectExtent-CGM

Fig 13, Sheet 1 of 2 getObjectExtent

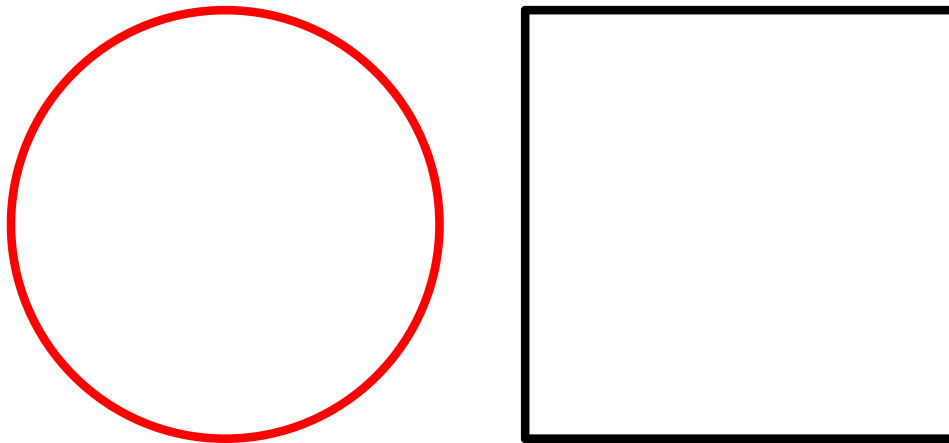


Text String

Fig 13, Sheet 2 of 2 getObjectExtent

getObjectExtent-PNG

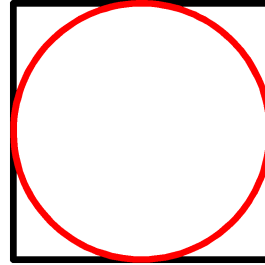
1.14 getObjectExtentTransformed



Text String

getObjectExtentTransformed-CGM

Fig 14, Sheet 1 of 2 getObjectExtentTransformed



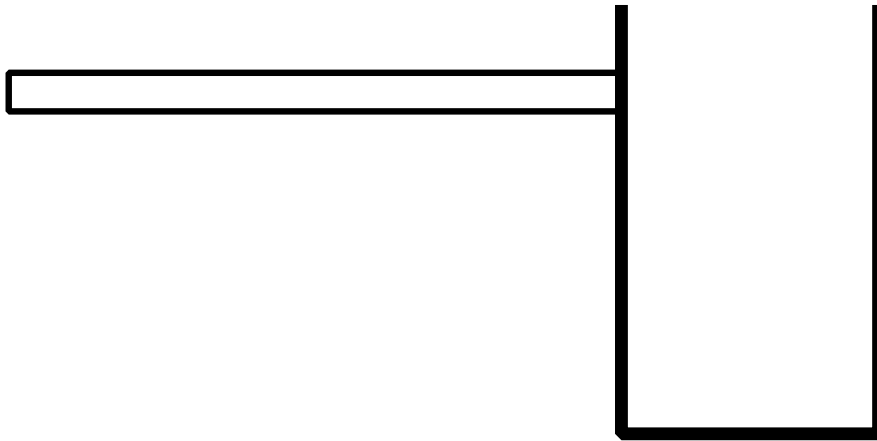
Text String

getObjectExtentTransformed-PNG

Fig 14, Sheet 2 of 2 getObjectExtentTransformed

1.15 lineAnimation

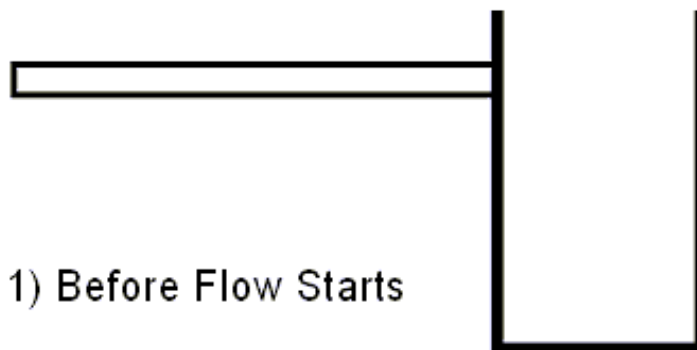
START



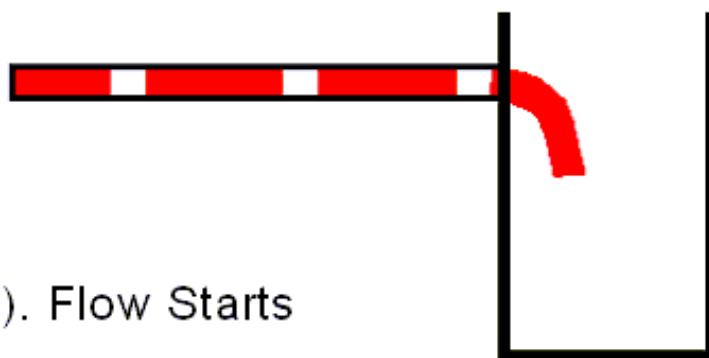
lineAnimation-CGM

Fig 15, Sheet 1 of 2 lineAnimation

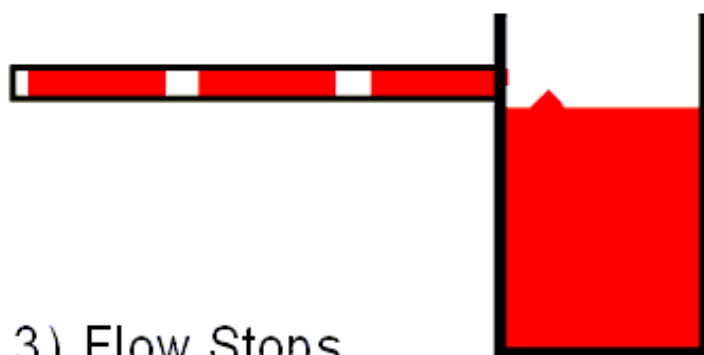
START



START



START

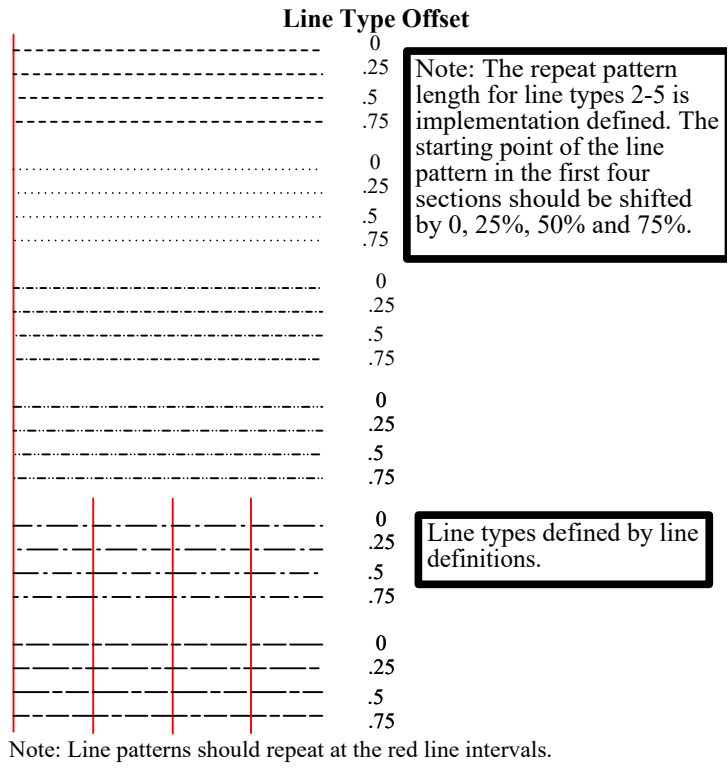


lineAnimation-PNG

Fig 15, Sheet 2 of 2 lineAnimation

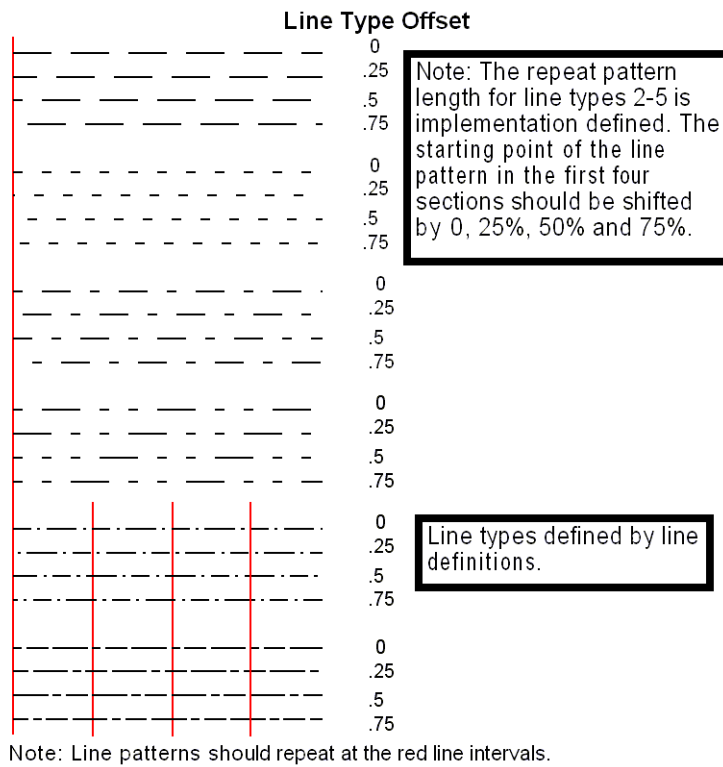
Produced by Docuneering Ltd.

1.16 lineOffset



lineOffset-CGM

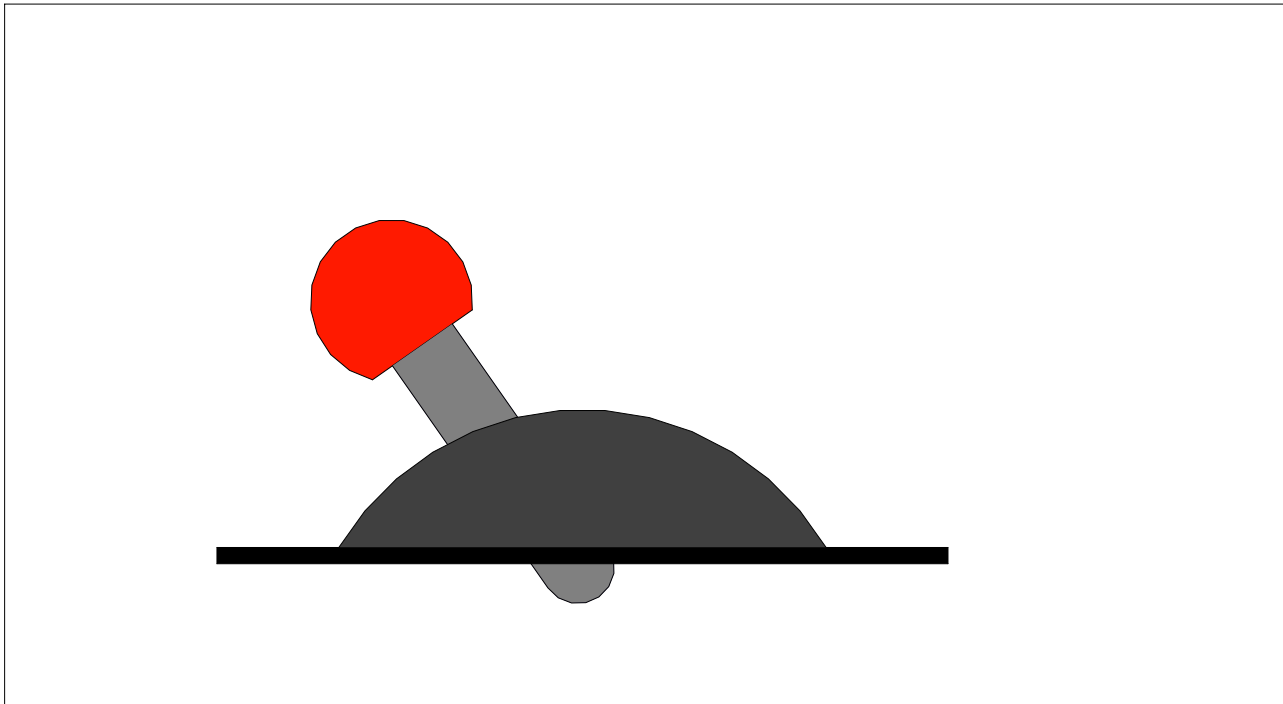
Fig 16, Sheet 1 of 2 lineOffset



lineOffset-PNG

Fig 16, Sheet 2 of 2 lineOffset

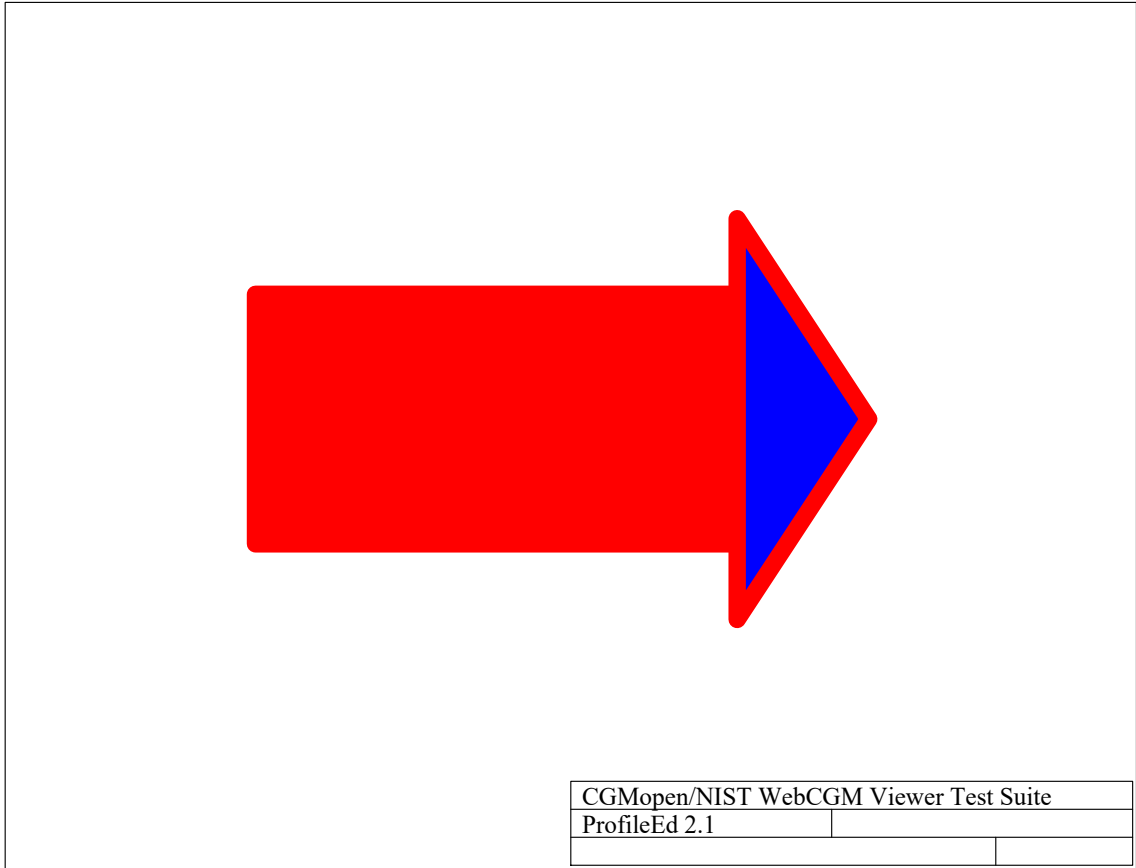
1.17 rotateAnimation



rotateAnimation-CGM

Fig 17 rotateAnimation

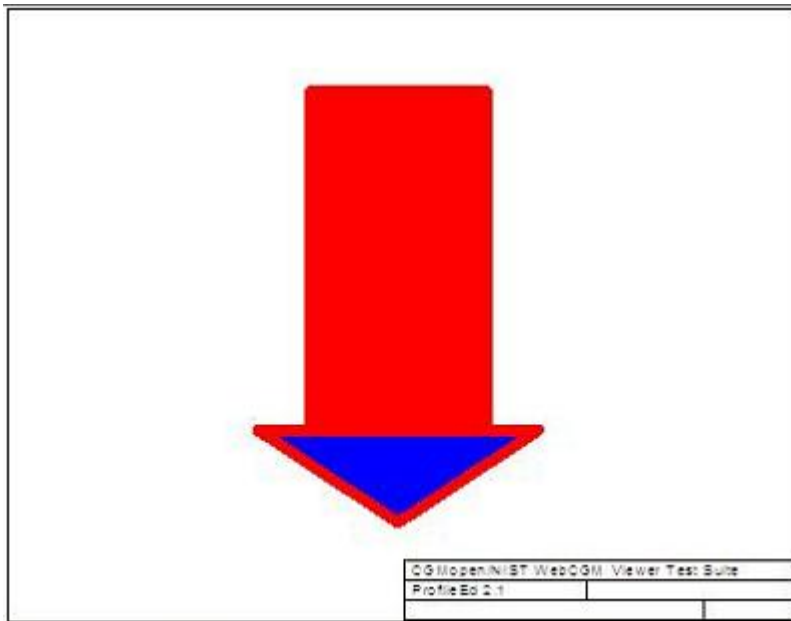
1.18 rotateAPS



rotateAPS-CGM

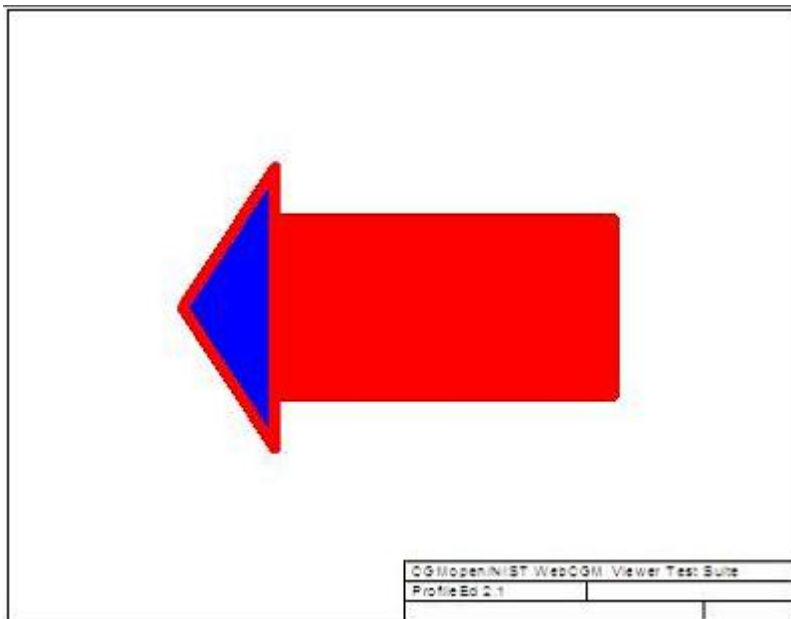
Fig 18, Sheet 1 of 4 rotateAPS

Produced by Docuneering Ltd.



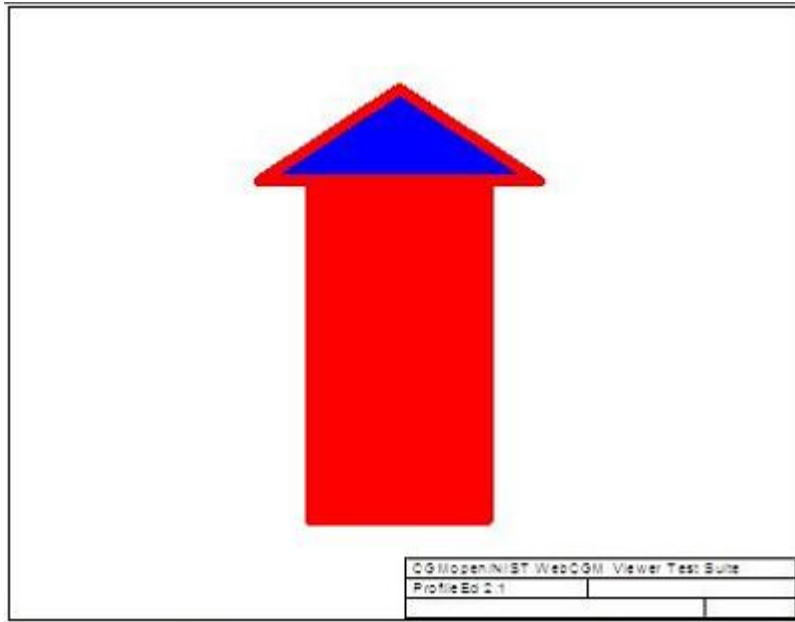
rotateAPS_Down-JPG

Fig 18, Sheet 2 of 4 rotateAPS



rotateAPS_Left-JPG

Fig 18, Sheet 3 of 4 rotateAPS

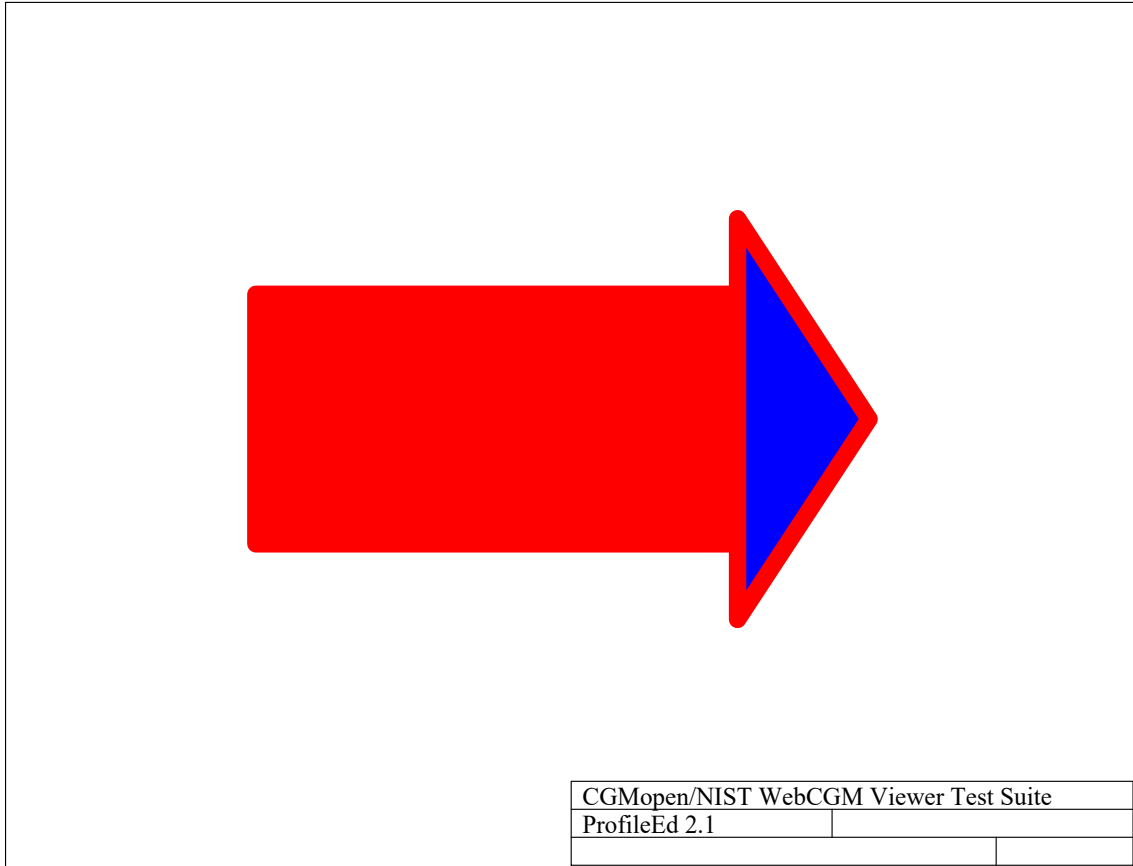


rotateAPS_Up-JPG

Fig 18, Sheet 4 of 4 rotateAPS

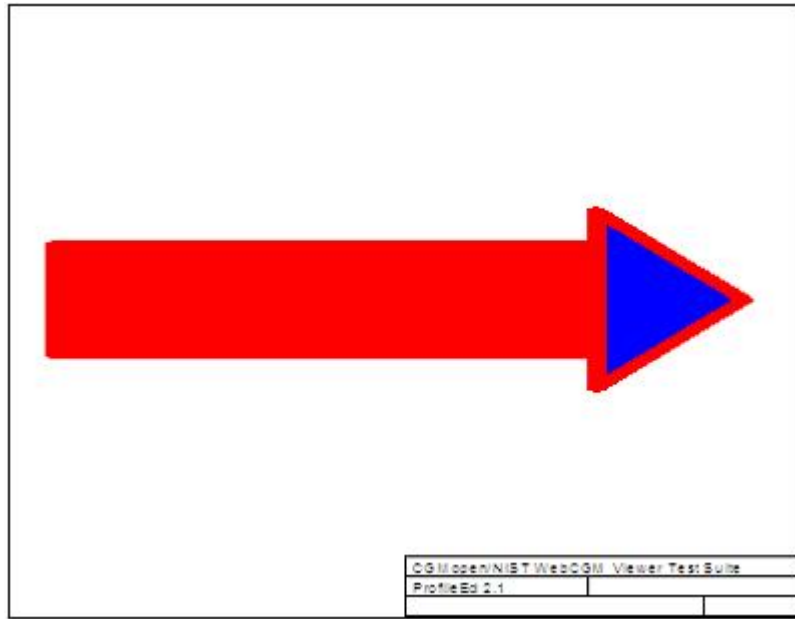
Produced by Docuneering Ltd.

1.19 scaleAPS



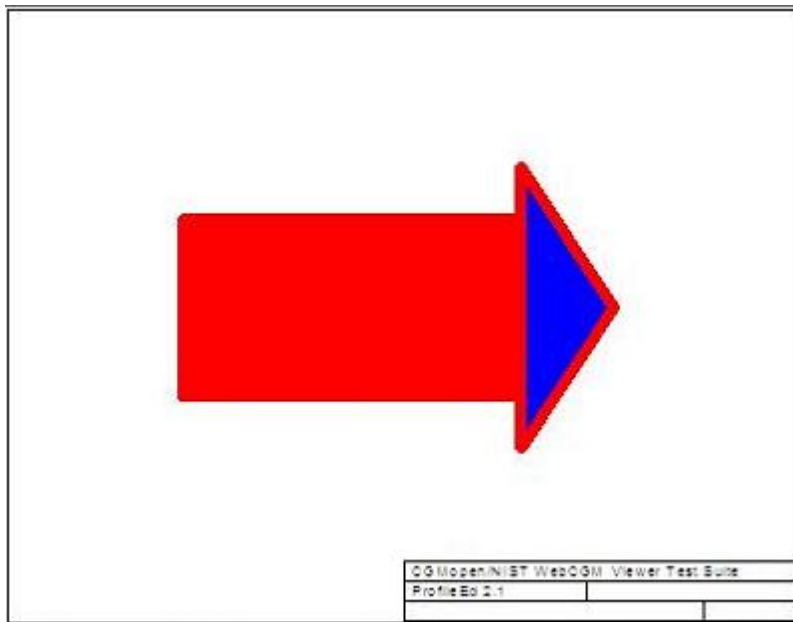
scaleAPS-CGM

Fig 19, Sheet 1 of 4 scaleAPS



scaleAPS_Long-JPG

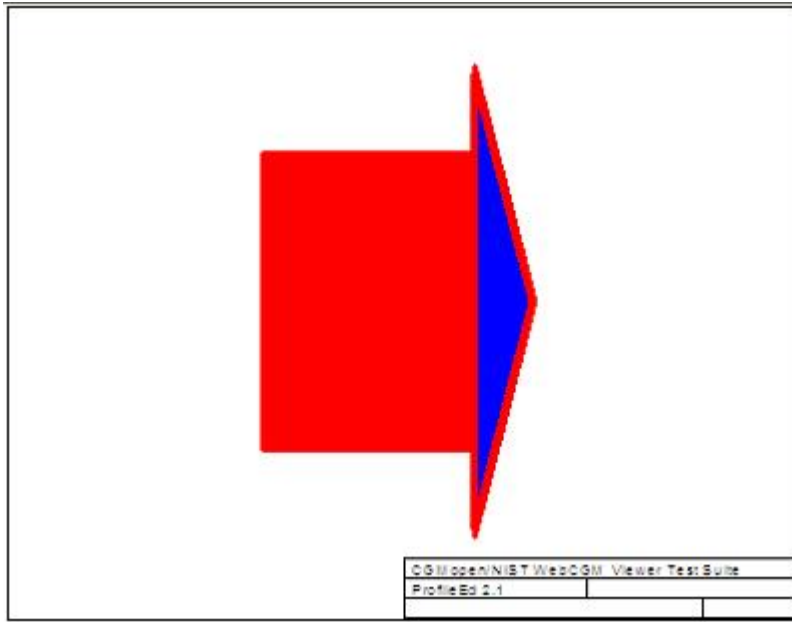
Fig 19, Sheet 2 of 4 scaleAPS



scaleAPS_Orig-JPG

Fig 19, Sheet 3 of 4 scaleAPS

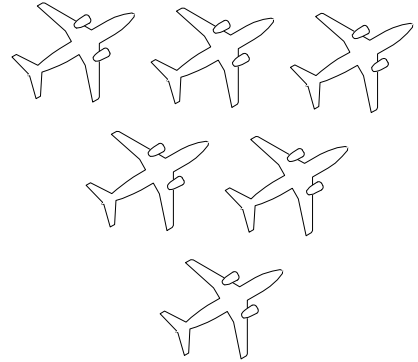
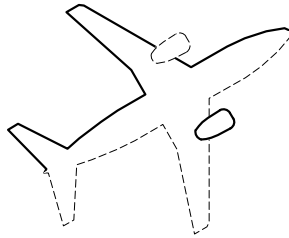
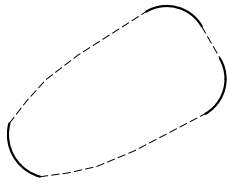
Produced by Docuneering Ltd.



scaleAPS_Short-JPG

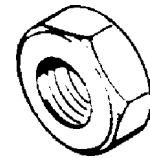
Fig 19, Sheet 4 of 4 scaleAPS

1.20 setGetBGColor



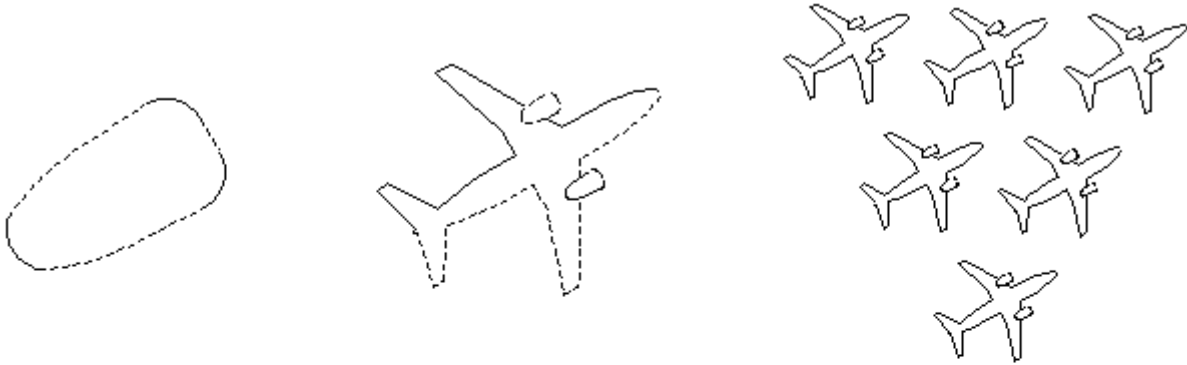
First line wraps after this "word"
and ends with a hard return here.

This is the second line which
completes the text object.



setGetBGColor-CGM

Fig 20, Sheet 1 of 2 setGetBGColor



First line wraps after this "word"
and ends with a hard return here.

This is the second line which
completes the text object.



setGetBGColor-PNG

Fig 20, Sheet 2 of 2 setGetBGColor

1.21 setGetEdgeVisibility



setGetEdgeVisibility-CGM

Fig 21, Sheet 1 of 2 setGetEdgeVisibility

Produced by Docuneering Ltd.

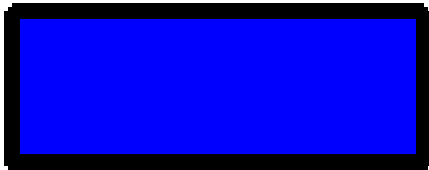
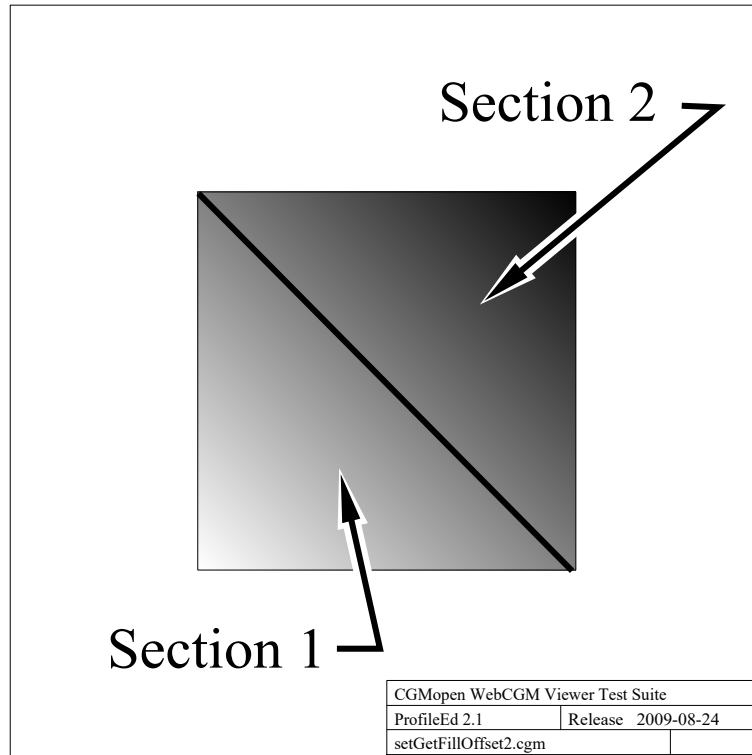


Fig 21, Sheet 2 of 2 setGetEdgeVisibility

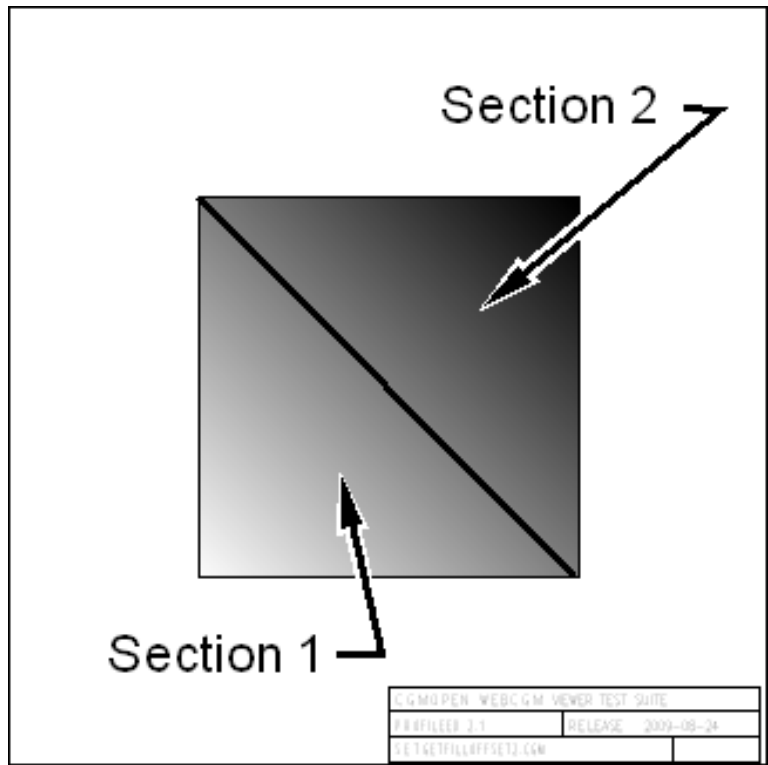
setGetEdgeVisibility-PNG

1.22 setGetFillOffset2



setGetFillOffset2-CGM

Fig 22, Sheet 1 of 2 setGetFillOffset2



setGetFillOffset2-PNG

Fig 22, Sheet 2 of 2 setGetFillOffset2

1.23 setGetFillStyles2.0



setGetFillStyles2.0-CGM

Fig 23, Sheet 1 of 2 setGetFillStyles2.0

Produced by Docuneering Ltd.

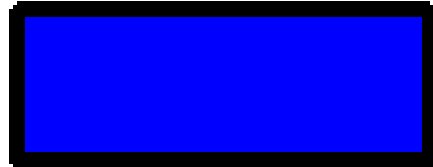
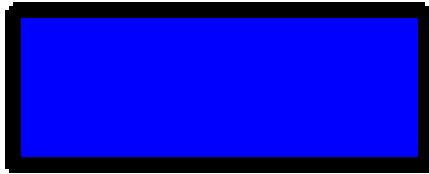
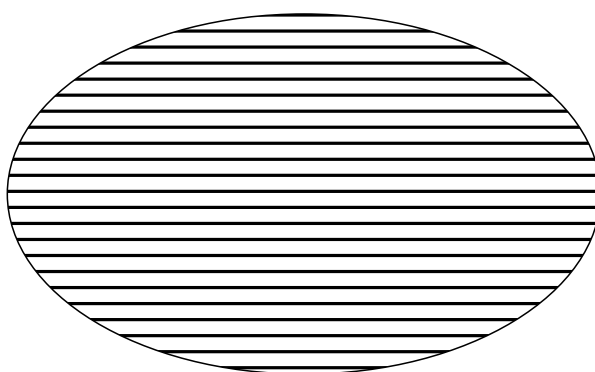
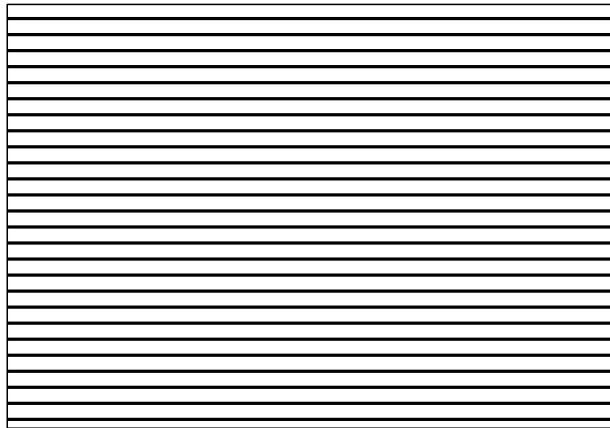


Fig 23, Sheet 2 of 2 setGetFillStyles2.0

setGetFillStyles2.0-PNG

1.24 setGetHatchIndex



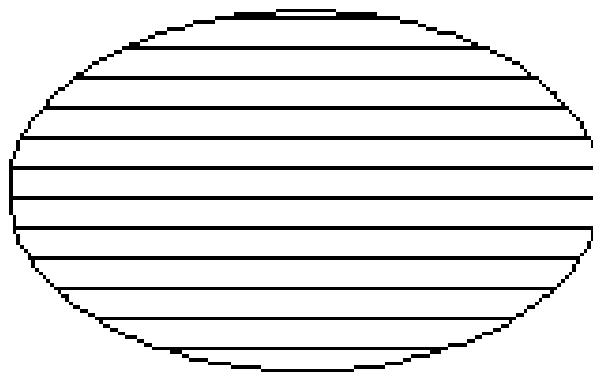
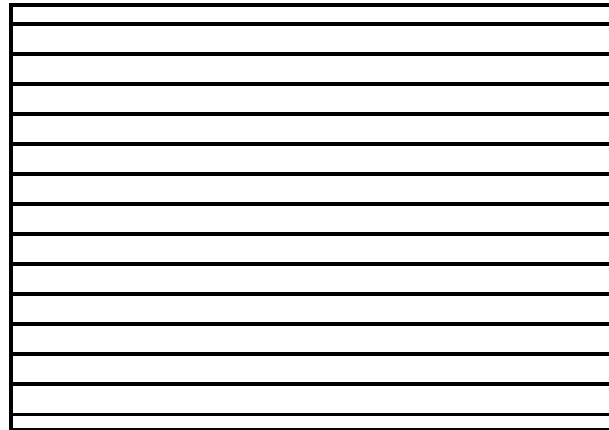
Produced by Docuneering Ltd.

setGetHatchIndex-CGM

Fig 24, Sheet 1 of 2 setGetHatchIndex

Applicable to: All

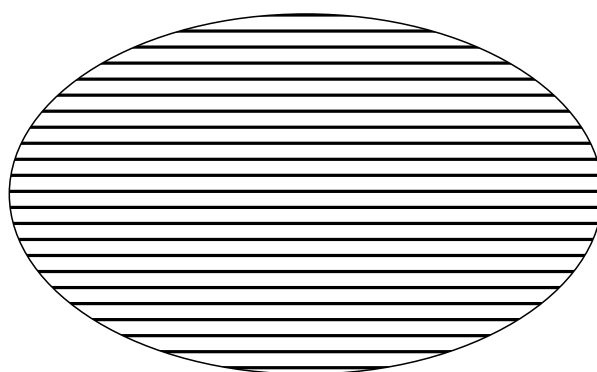
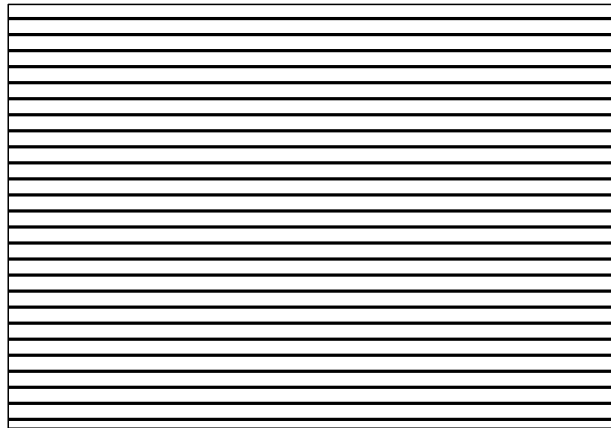
TEST41-A-00-00-00-04A-040A-A



setGetHatchIndex-PNG

Fig 24, Sheet 2 of 2 setGetHatchIndex

1.25 setGetInteriorStyle



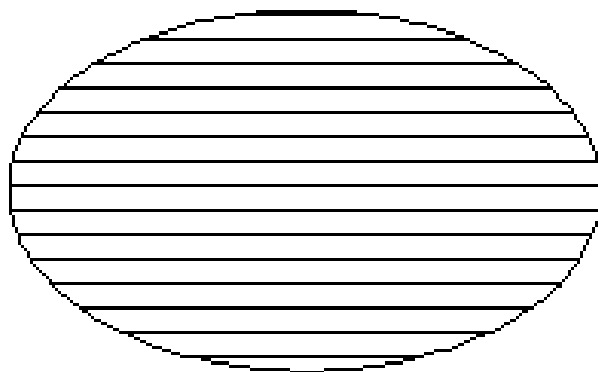
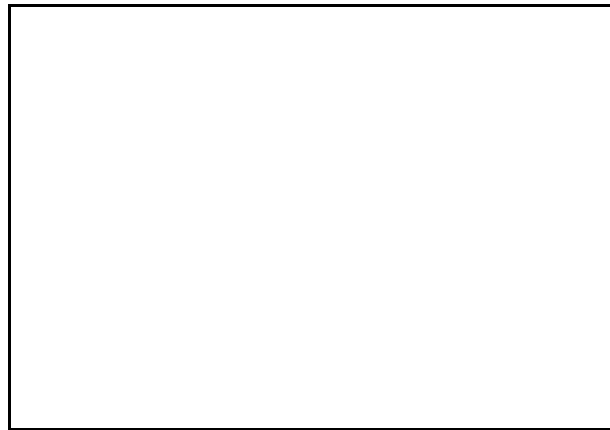
Produced by Docuneering Ltd.

setGetInteriorStyle-CGM

Fig 25, Sheet 1 of 2 setGetInteriorStyle

Applicable to: All

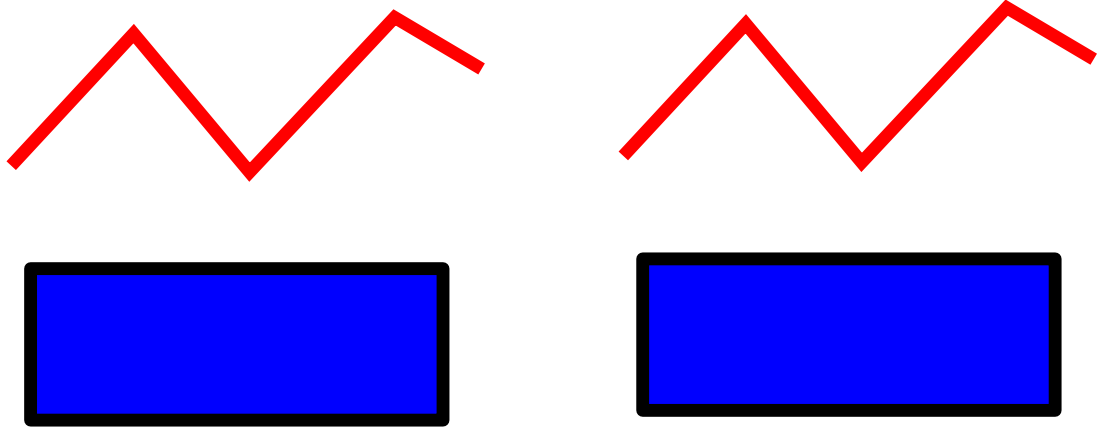
TEST41-A-00-00-00-04A-040A-A



setGetInteriorStyle-PNG

Fig 25, Sheet 2 of 2 setGetInteriorStyle

1.26 setGetLineStyle2.0



setGetLineStyle2.0-CGM

Fig 26, Sheet 1 of 2 setGetLineStyle2.0

Produced by Docuneering Ltd.

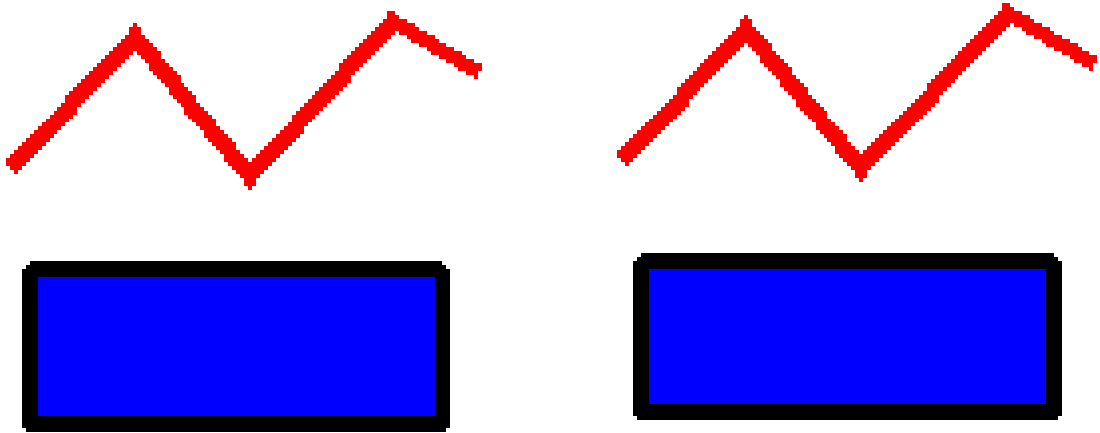
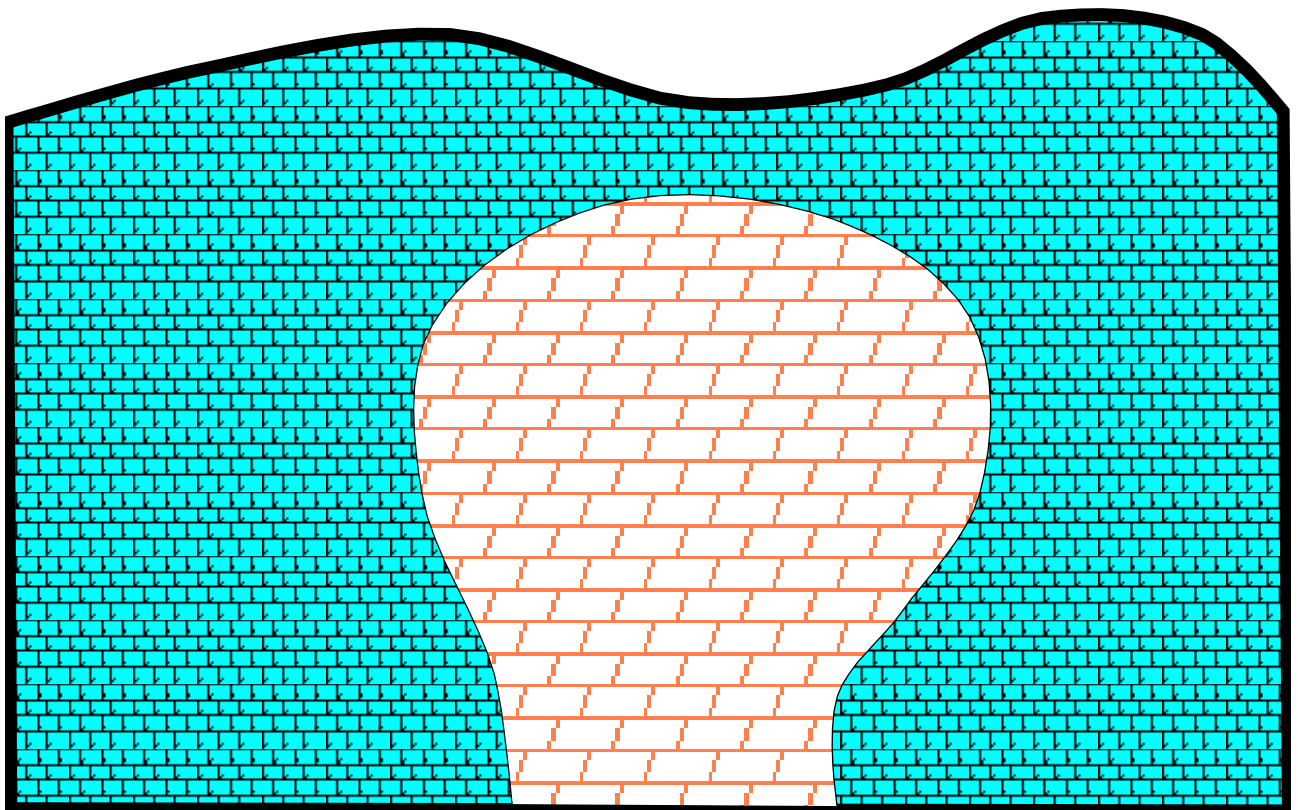


Fig 26, Sheet 2 of 2 setGetLineStyle2.0

setGetLineStyle2.0-PNG

1.27 setGetPatternIndex

Pattern Index Test



setGetPatternIndex-CGM

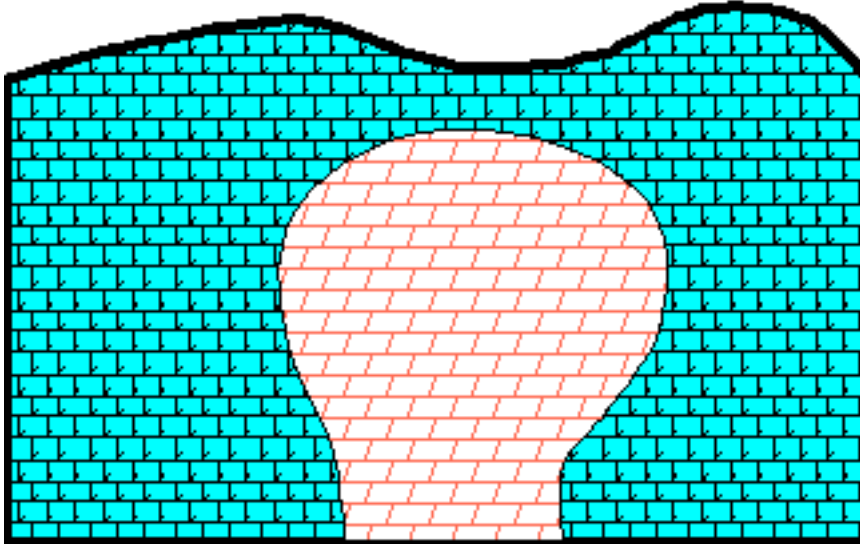
Fig 27, Sheet 1 of 2 setGetPatternIndex

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-04A-040A-A

Pattern Index Test

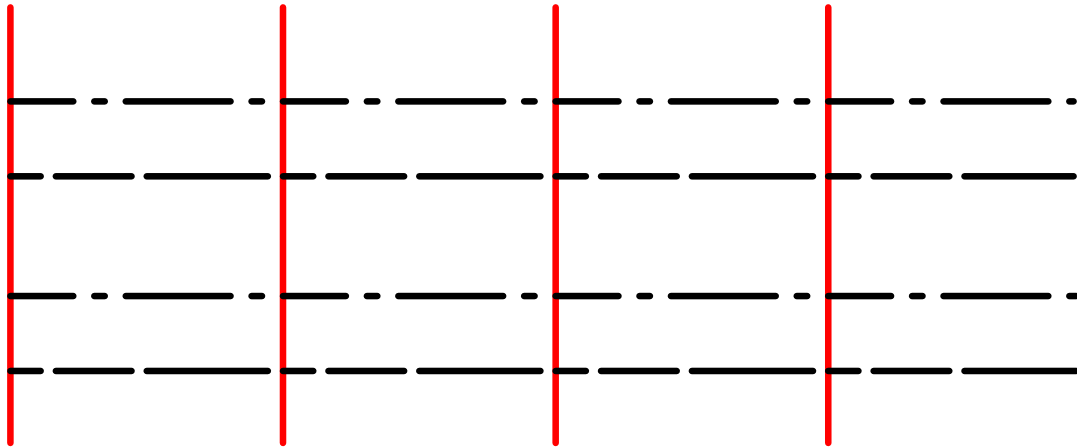


setGetPatternIndex-PNG

Fig 27, Sheet 2 of 2 setGetPatternIndex

1.28 setGetStrokeOffset

Line Type Offset

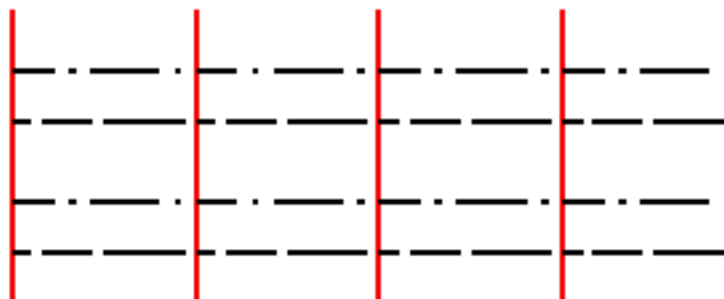


Note: Line patterns should repeat at the red line intervals.

setGetStrokeOffset-CGM

Fig 28, Sheet 1 of 2 setGetStrokeOffset

Line Type Offset



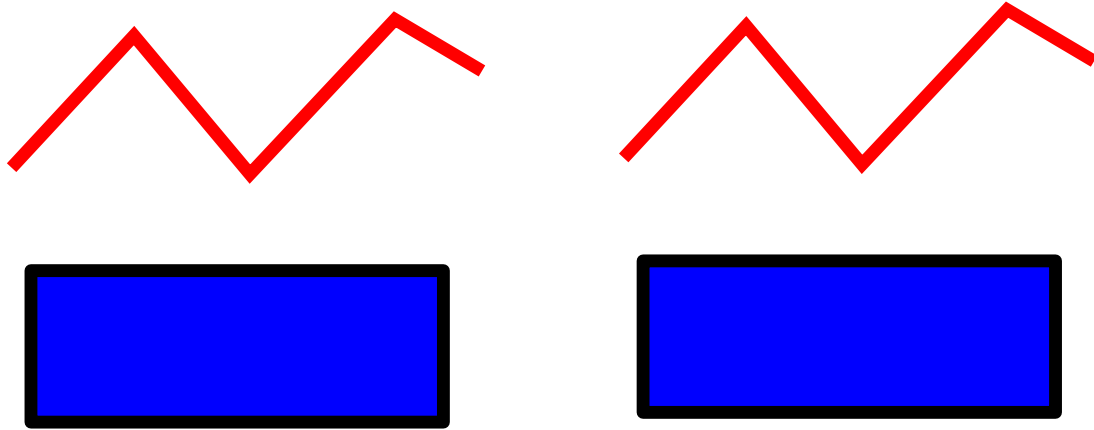
Note: Line patterns should repeat at the red line intervals.

setGetStrokeOffset-PNG

Fig 28, Sheet 2 of 2 setGetStrokeOffset

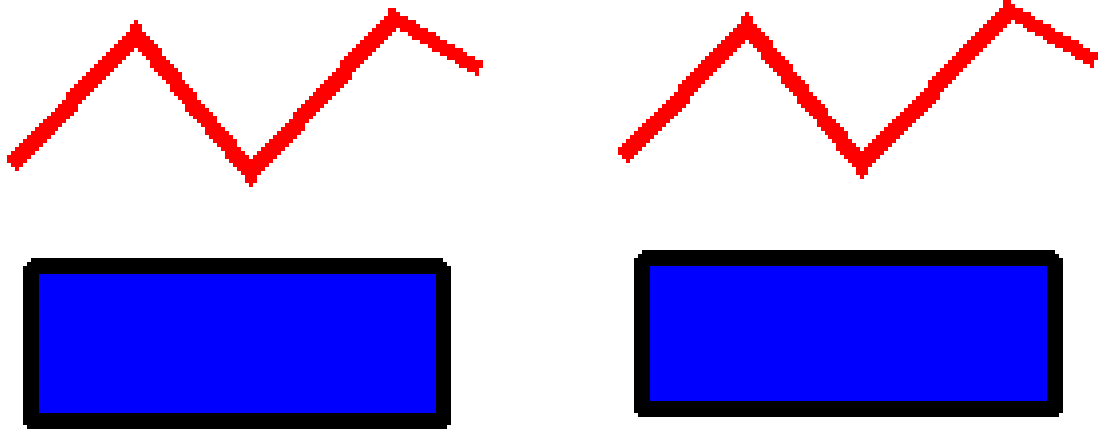
Produced by Docuneering Ltd.

1.29 setGetStrokeType



setGetStrokeType-CGM

Fig 29, Sheet 1 of 2 setGetStrokeType

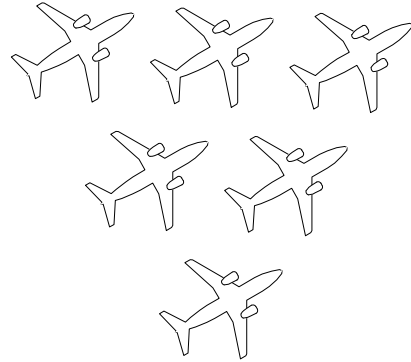
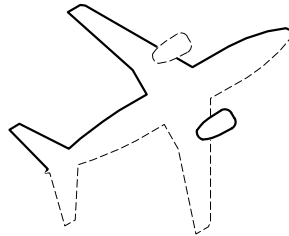
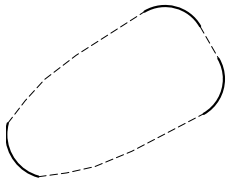


setGetStrokeType-PNG

Fig 29, Sheet 2 of 2 setGetStrokeType

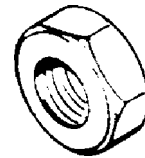
Produced by Docuneering Ltd.

1.30 setGetTextStyles



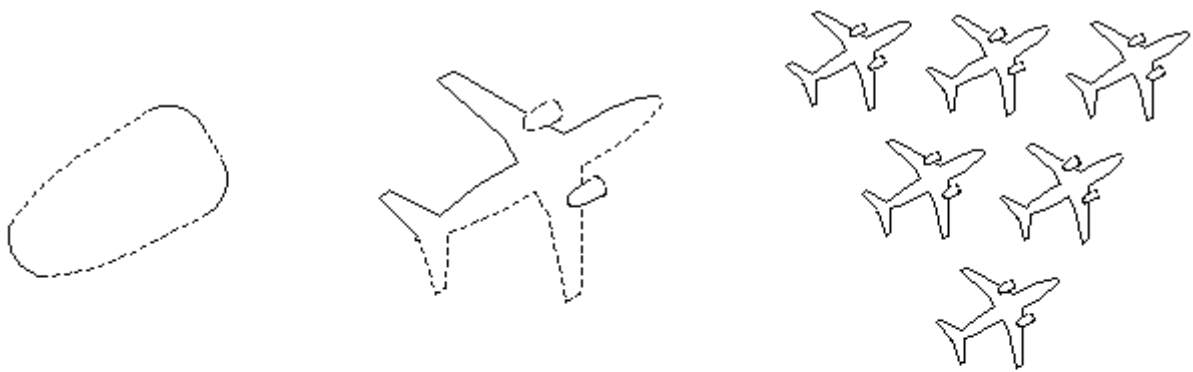
First line wraps after this "word"
and ends with a hard return here.

This is the second line which
completes the text object.



setGetTextStyles-CGM

Fig 30, Sheet 1 of 2 setGetTextStyles



First line wraps after this "word"
and ends with a hard return here.

This is the second line which
completes the text object.



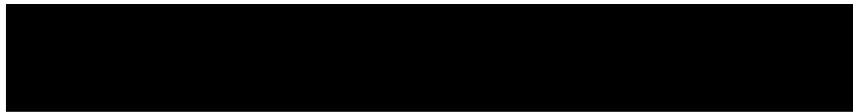
setGetTextStyles-PNG

Fig 30, Sheet 2 of 2 setGetTextStyles

1.31 setRedraw001

WebCGMMetafile::setRedraw()

setRedraw("enableAll")



setRedraw("disableAll")



setRedraw001-CGM

Fig 31, Sheet 1 of 2 setRedraw001



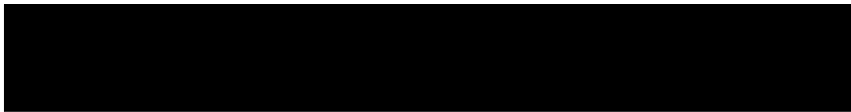
setRedraw001-PNG

Fig 31, Sheet 2 of 2 setRedraw001

1.32 setRedraw002

WebCGMMetafile::setRedraw()

setRedraw("enableAll")

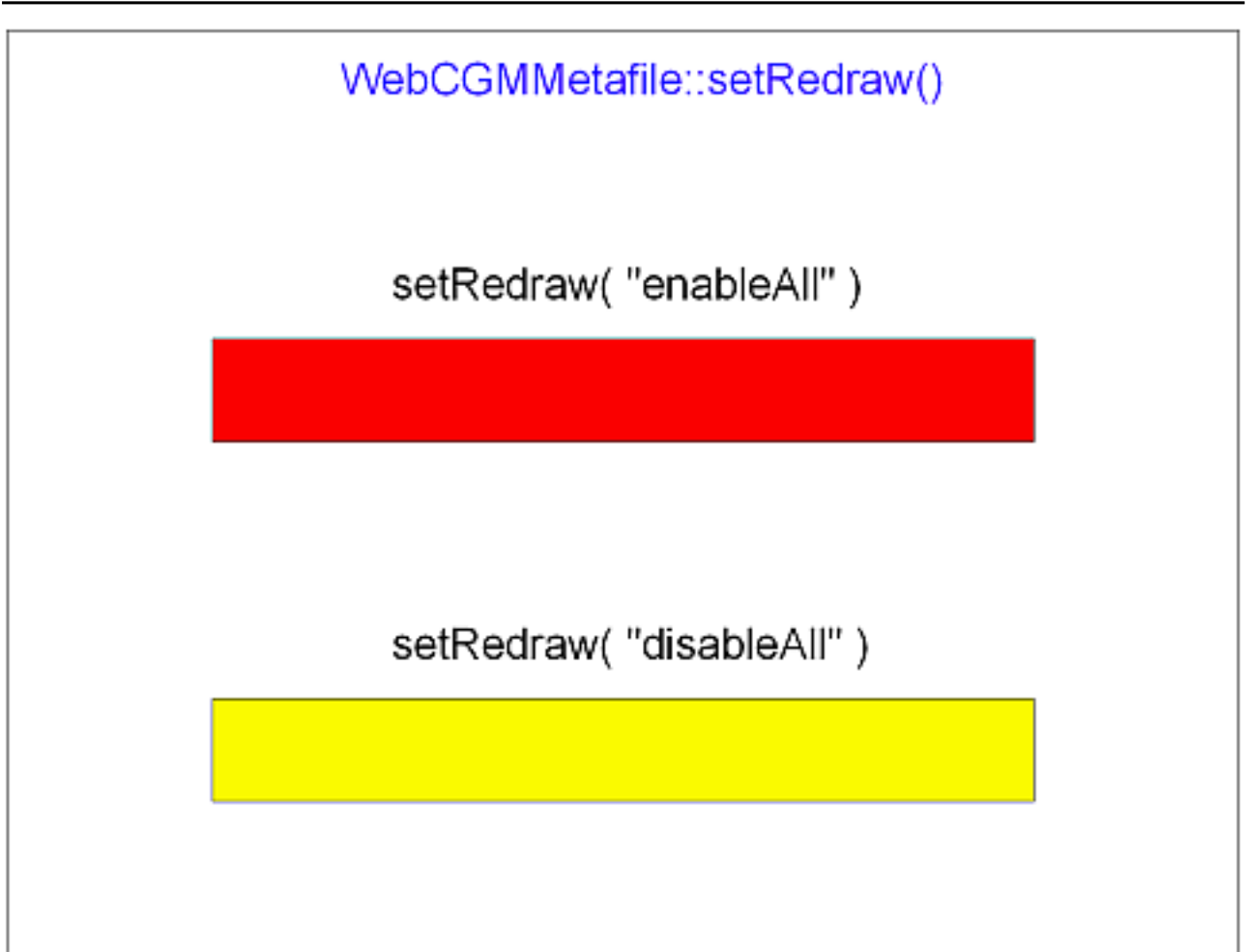


setRedraw("disableAll")



setRedraw002-CGM

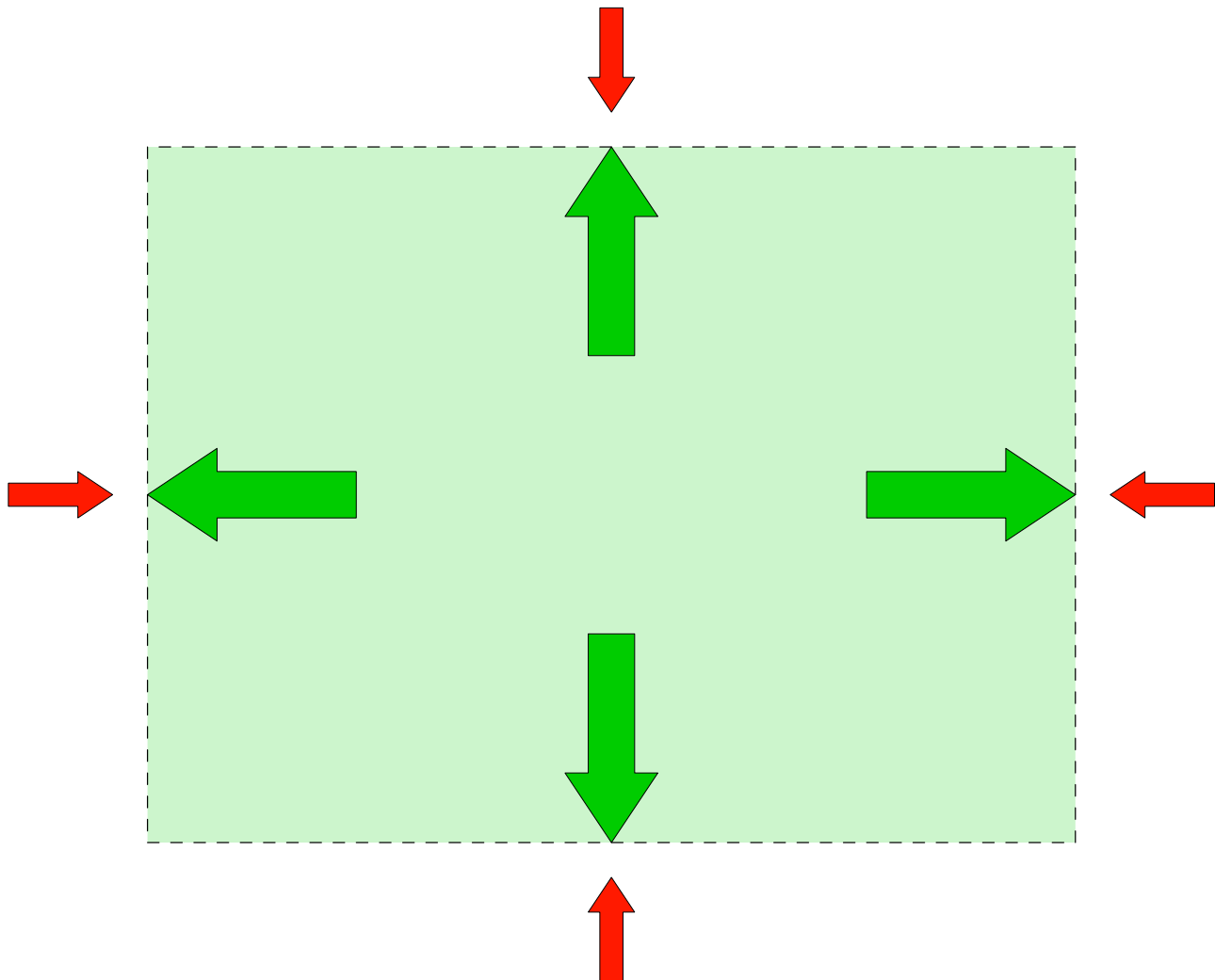
Fig 32, Sheet 1 of 2 setRedraw002



setRedraw002-PNG

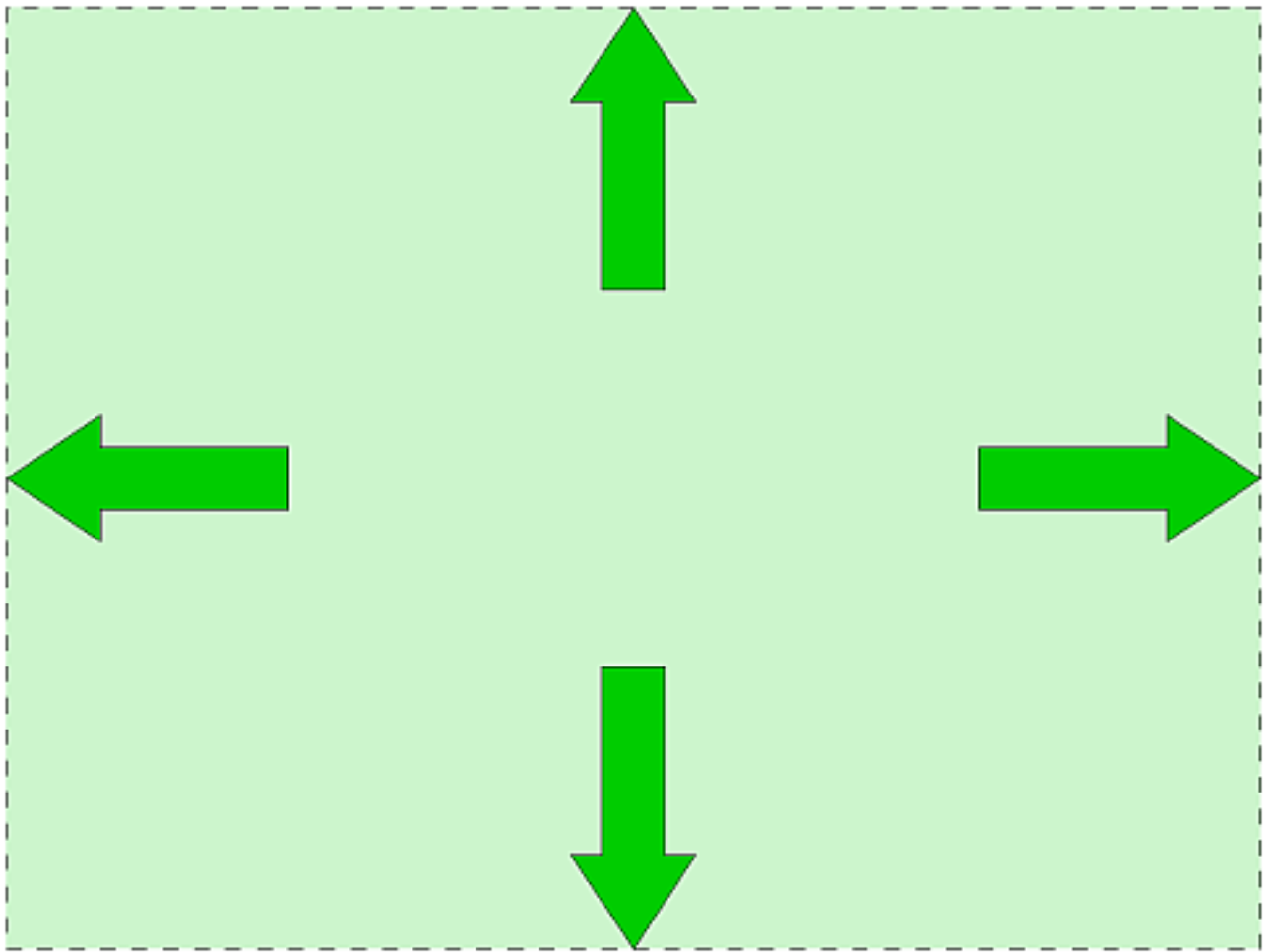
Fig 32, Sheet 2 of 2 setRedraw002

1.33 setView001



setView001-CGM

Fig 33, Sheet 1 of 2 setView001

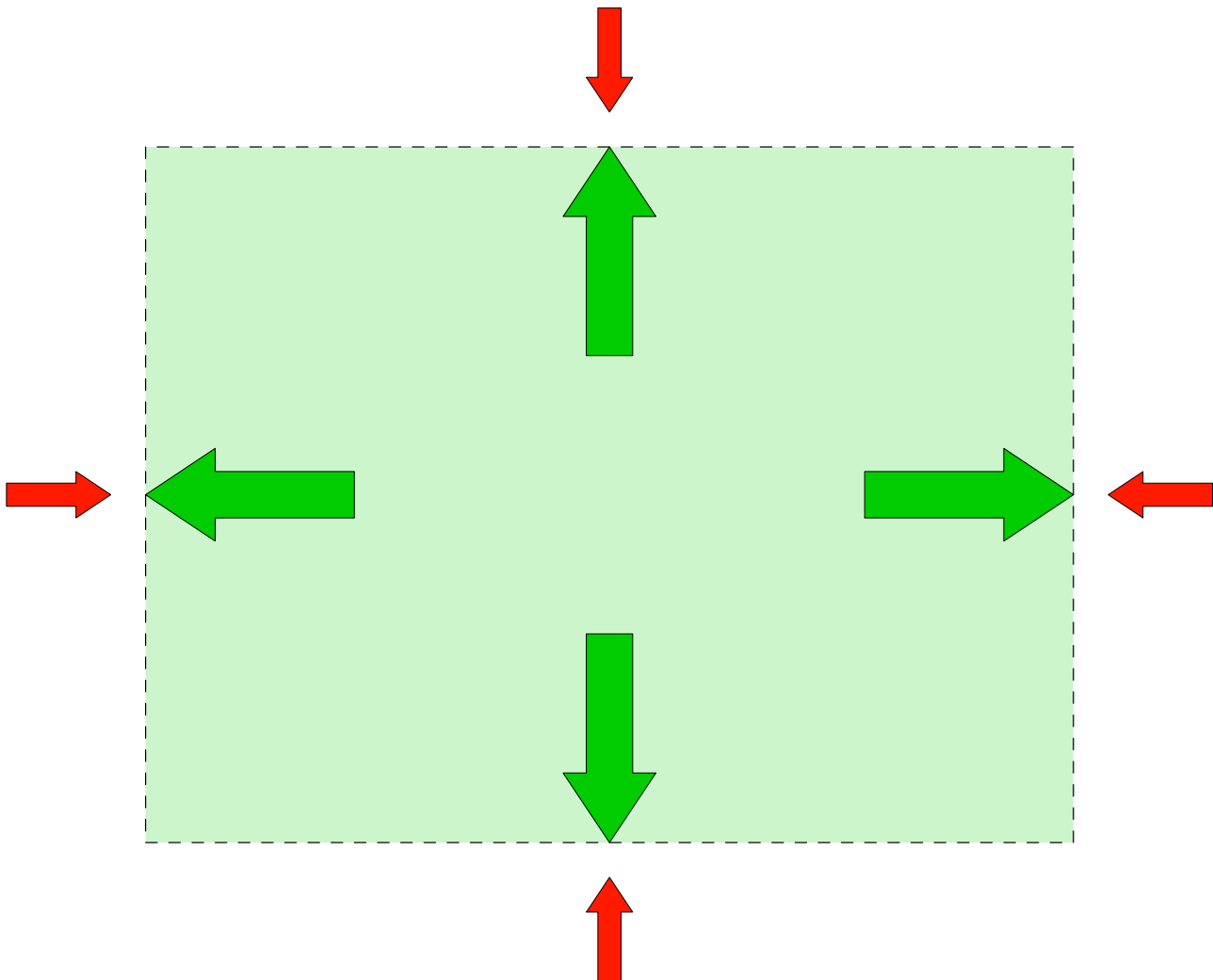


setView001-PNG

Fig 33, Sheet 2 of 2 setView001

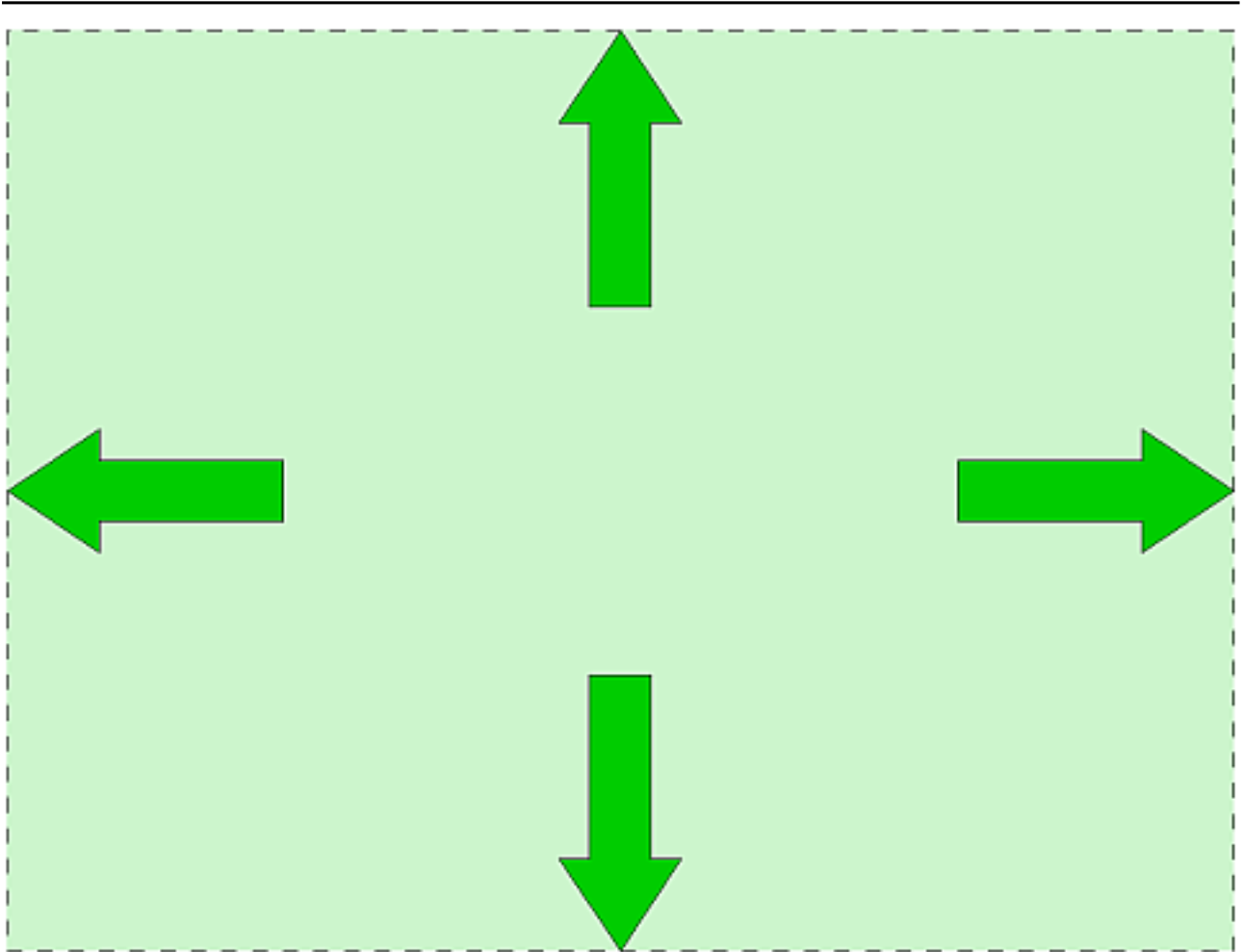
Produced by Docuneering Ltd.

1.34 setView002



setView002-CGM

Fig 34, Sheet 1 of 2 setView002



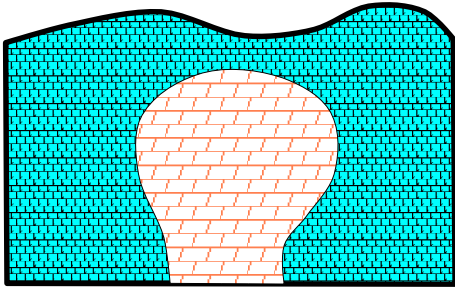
setView002-PNG

Fig 34, Sheet 2 of 2 setView002

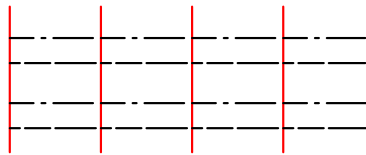
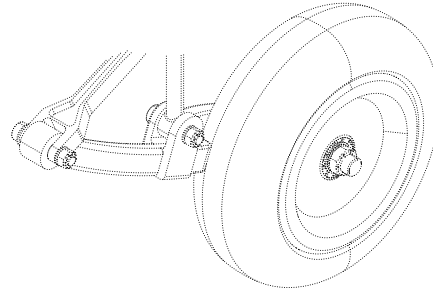
Produced by Docuneering Ltd.

1.35 spXCF

Pattern Index



Stroke Type



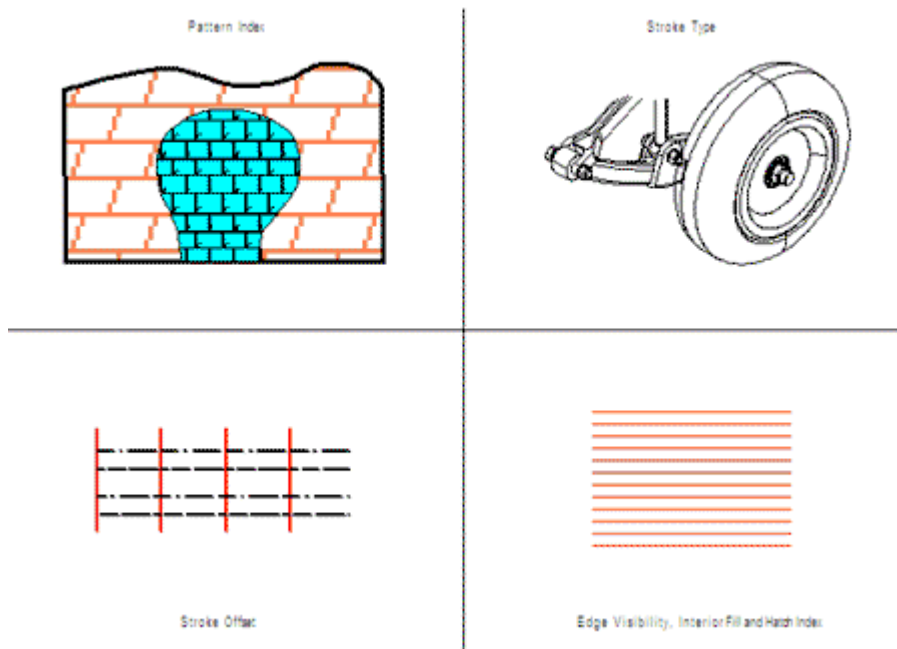
Stroke Offset



Edge Visibility, Interior Fill and Hatch Index

spXCF-CGM

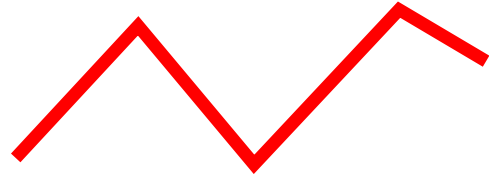
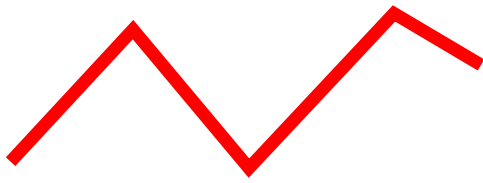
Fig 35, Sheet 1 of 2 spXCF



spXCF-PNG

Fig 35, Sheet 2 of 2 spXCF

1.36 style



Text String

Text String



style-CGM

Fig 36, Sheet 1 of 2 style



Text String

Text String



style-PNG

Fig 36, Sheet 2 of 2 style

1.37 subString

link first first first

middle link middle

last last last link

subString-CGM

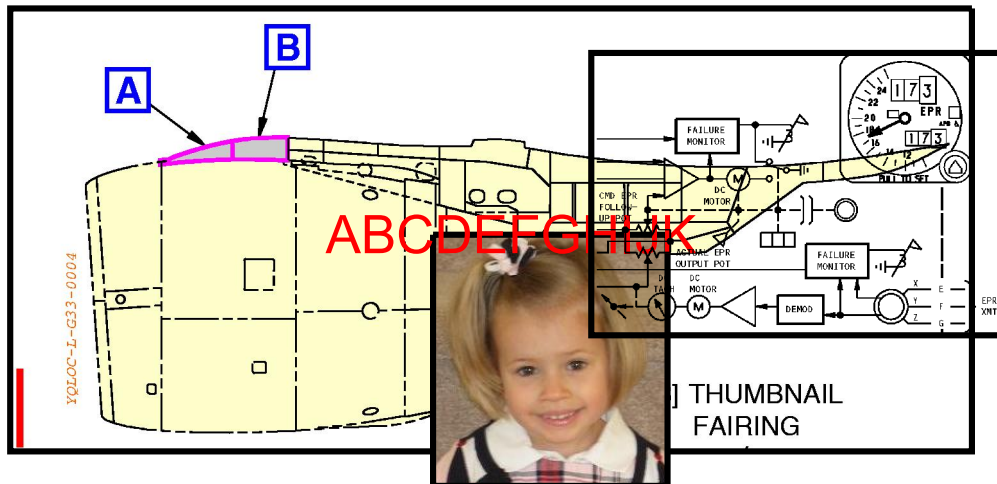
Fig 37, Sheet 1 of 2 subString

link first first first
middle link middle
last last last link

subString-PNG

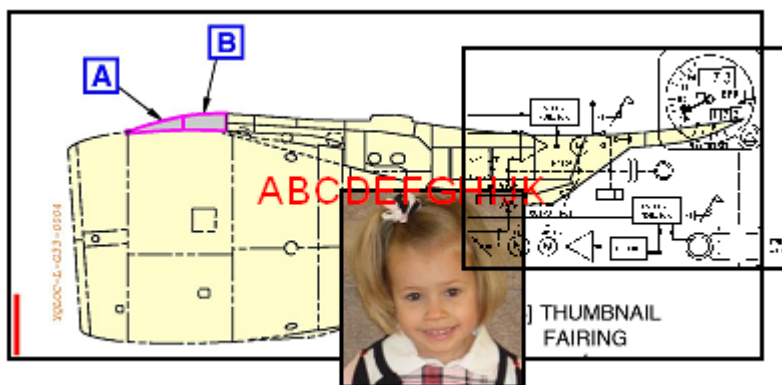
Fig 37, Sheet 2 of 2 subString

1.38 transCellColor



transCellColor-CGM

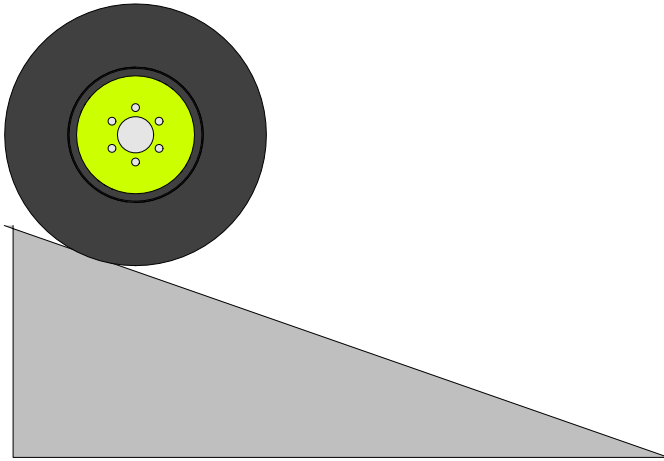
Fig 38, Sheet 1 of 2 transCellColor



transCellColor-PNG

Fig 38, Sheet 2 of 2 transCellColor

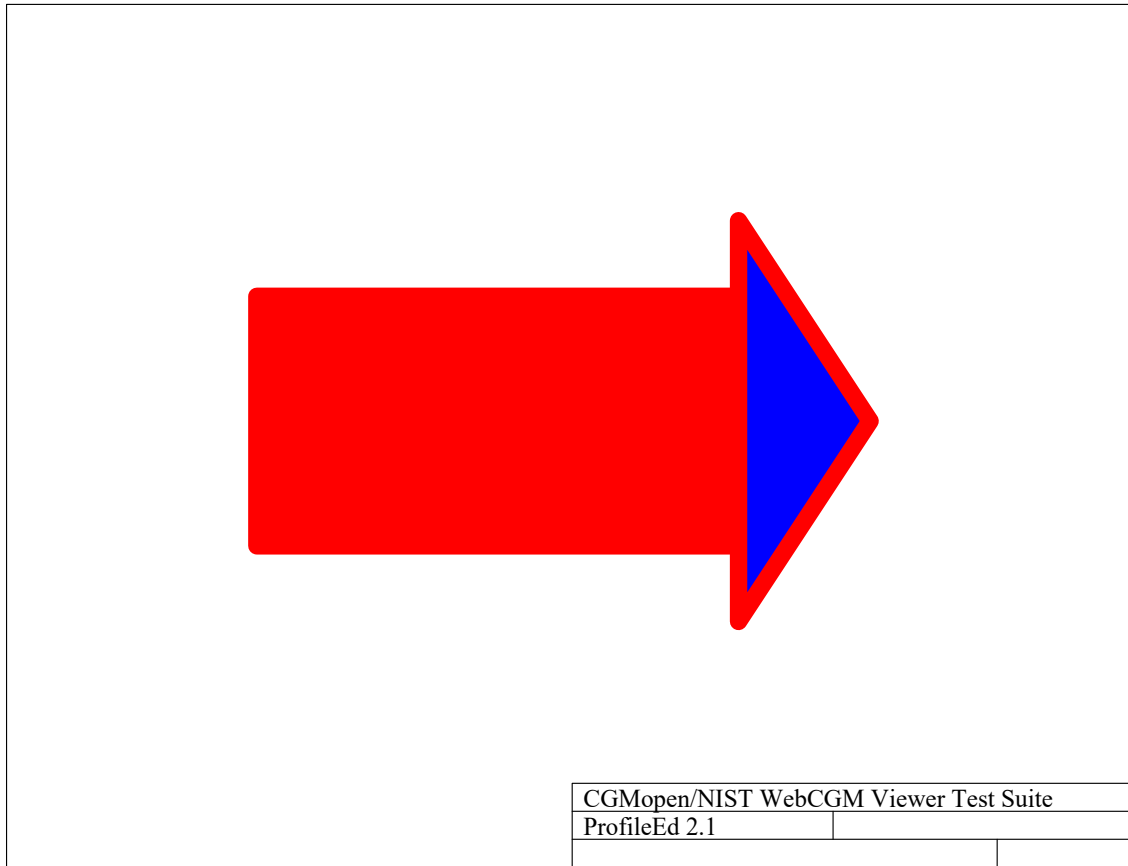
1.39 transformAnimation



transformAnimation-CGM

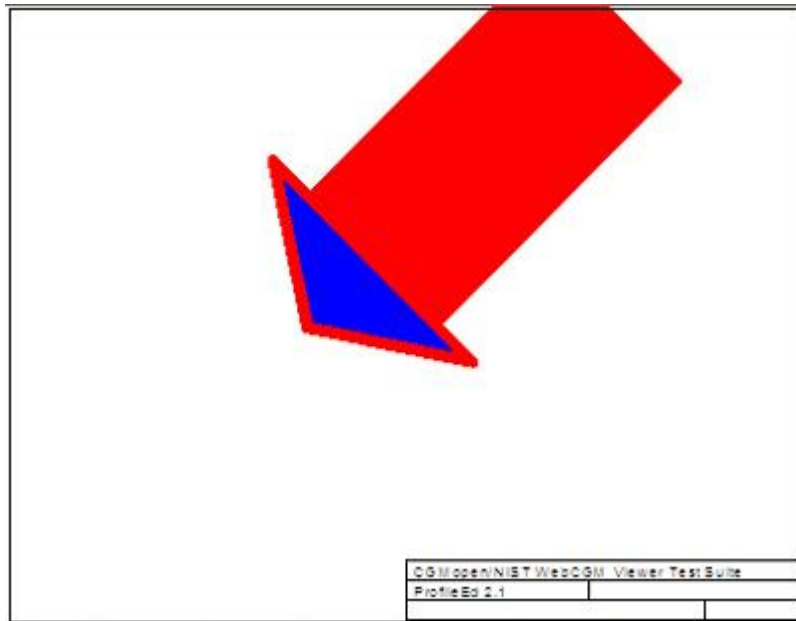
Fig 39 transformAnimation

1.40 transformAPS



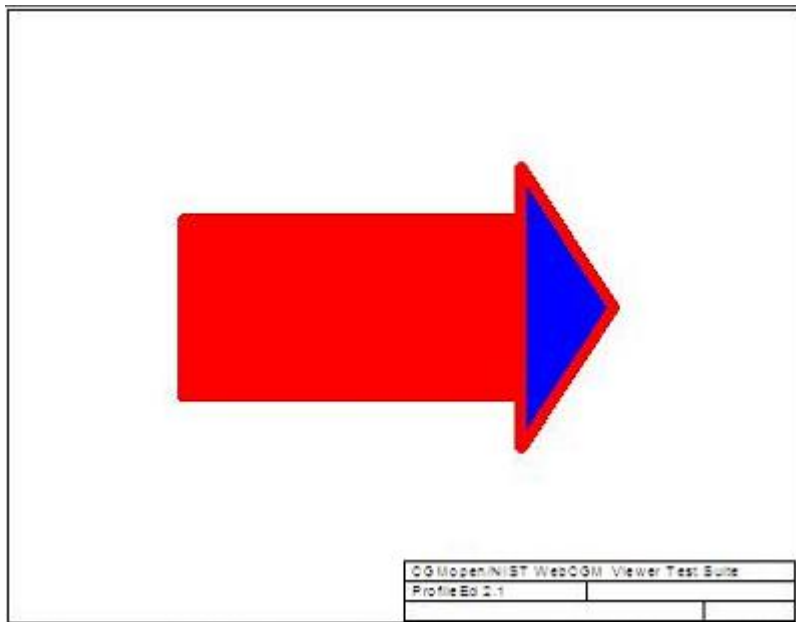
transformAPS-CGM

Fig 40, Sheet 1 of 4 transformAPS



transformAPS_DownLeft-JPG

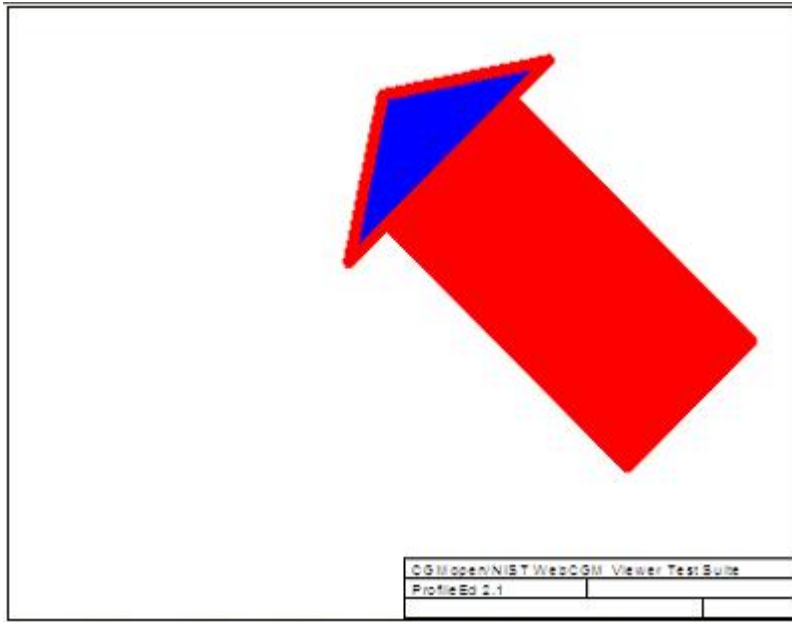
Fig 40, Sheet 2 of 4 transformAPS



transformAPS_Orig-JPG

Fig 40, Sheet 3 of 4 transformAPS

Produced by Docuneering Ltd.



transformAPS_UpRight-JPG

Fig 40, Sheet 4 of 4 transformAPS

1.41 translateAnimation

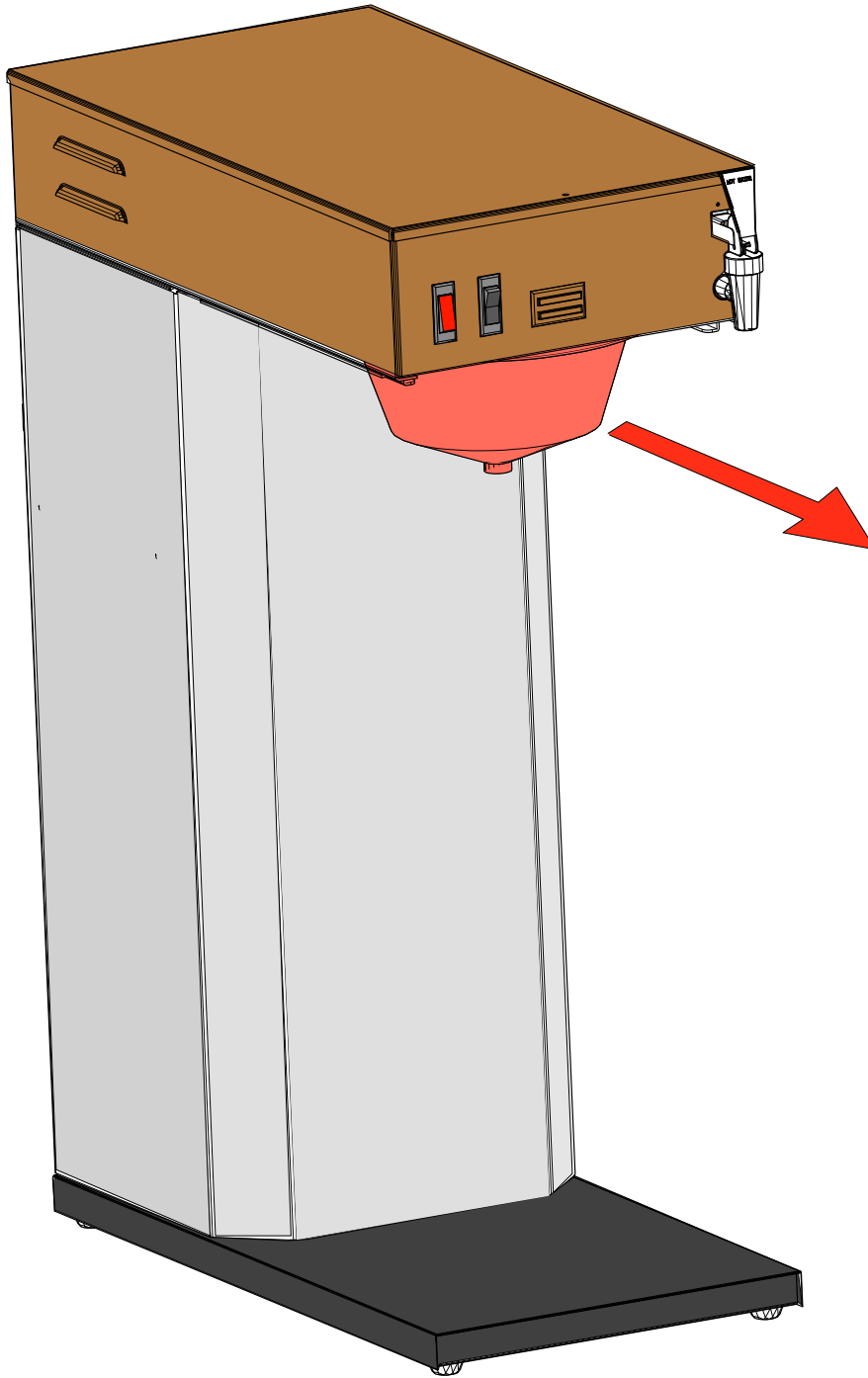


Fig 41 translateAnimation

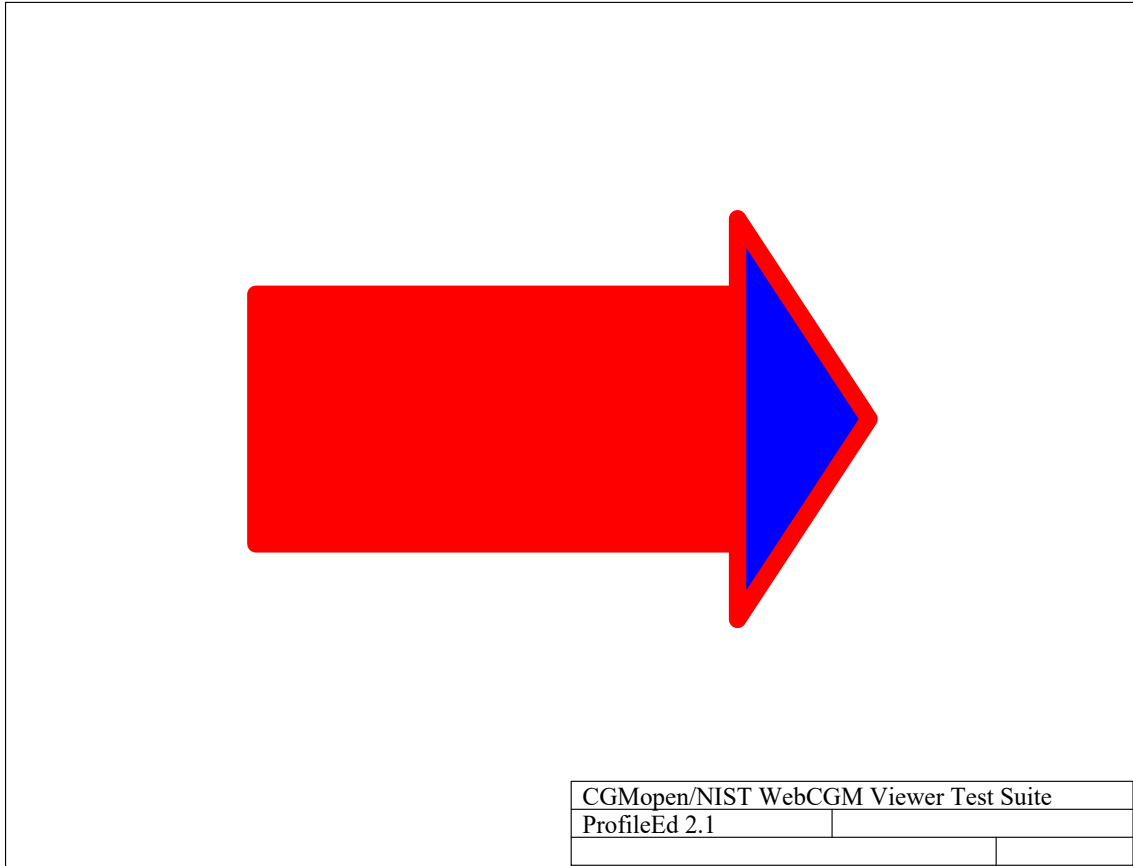
translateAnimation-CGM

Produced by Docuneering Ltd.

Applicable to: All

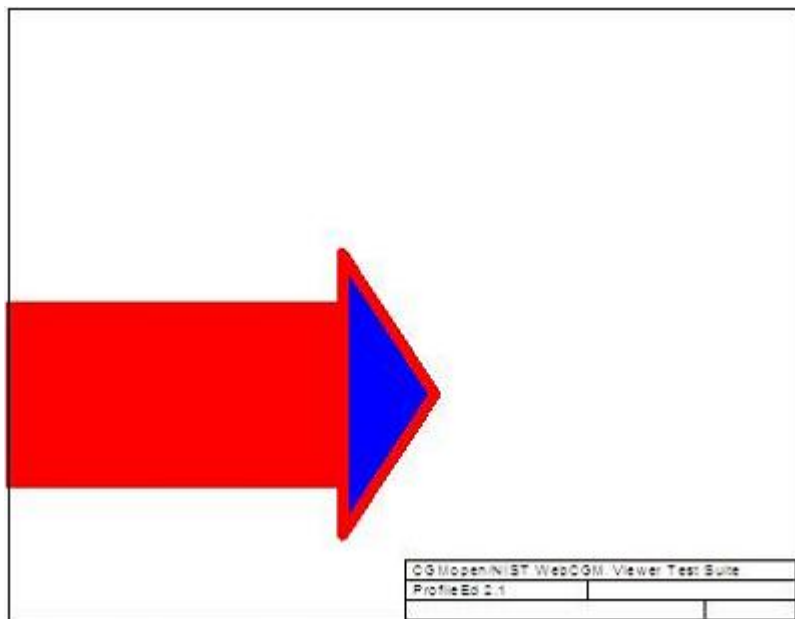
TEST41-A-00-00-00-04A-040A-A

1.42 translateAPS



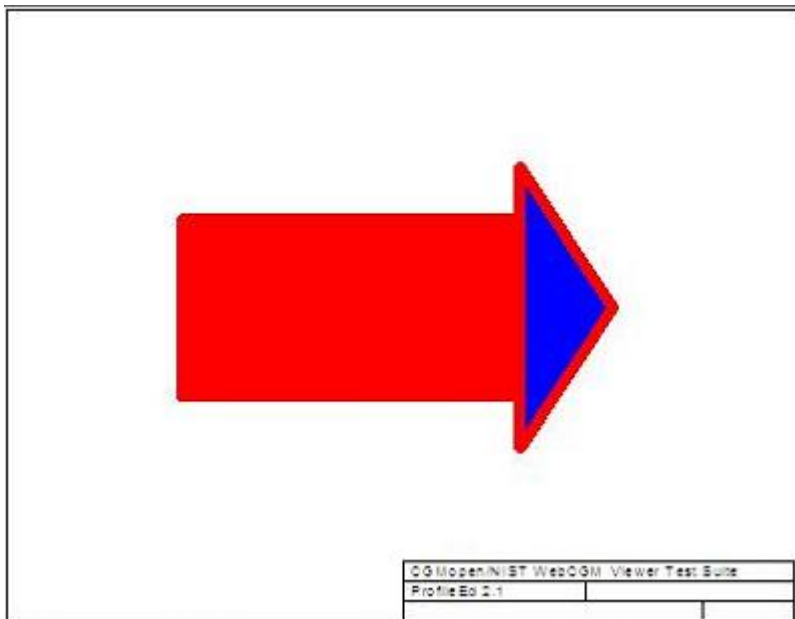
translateAPS-CGM

Fig 42, Sheet 1 of 4 translateAPS



translateAPS_DownLeft-JPG

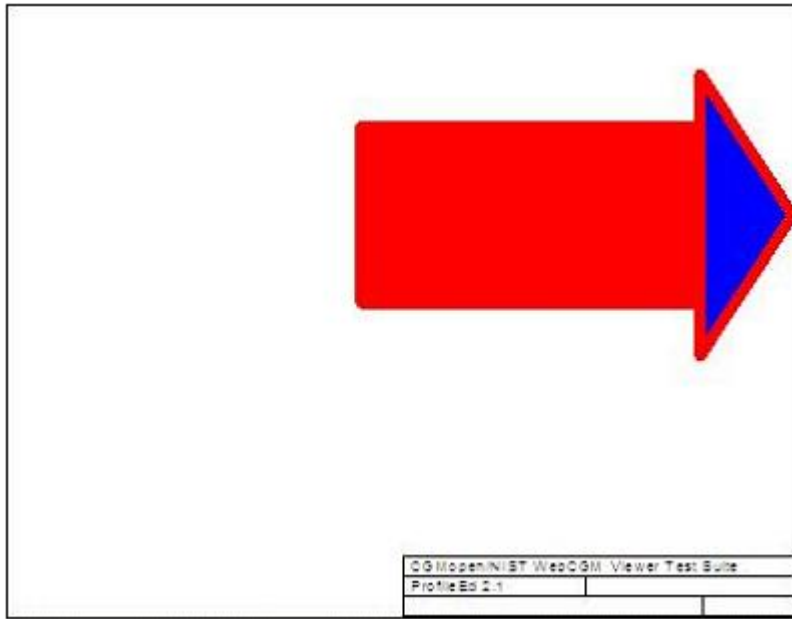
Fig 42, Sheet 2 of 4 translateAPS



translateAPS_Orig-JPG

Fig 42, Sheet 3 of 4 translateAPS

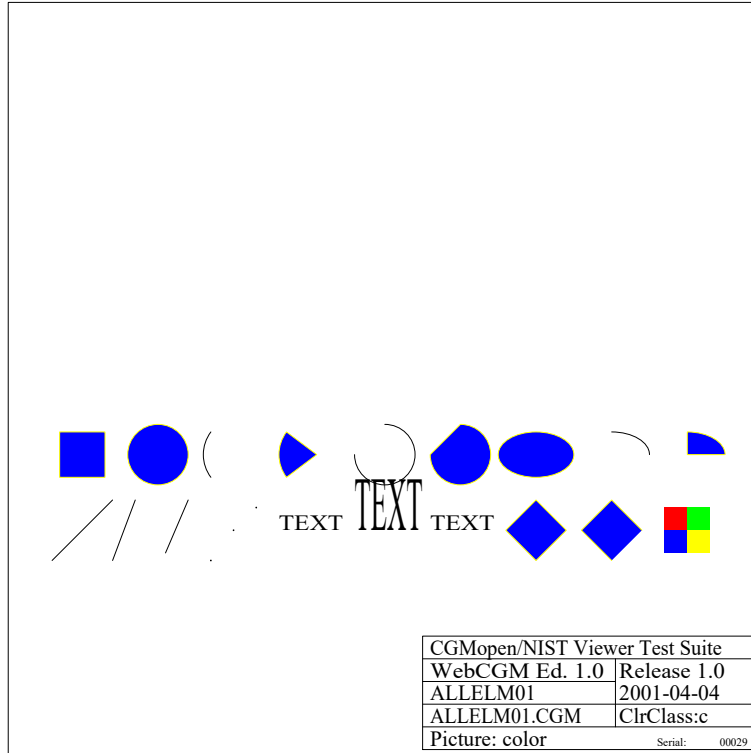
Produced by Docuneering Ltd.



translateAPS_UpRight-JPG

Fig 42, Sheet 4 of 4 translateAPS

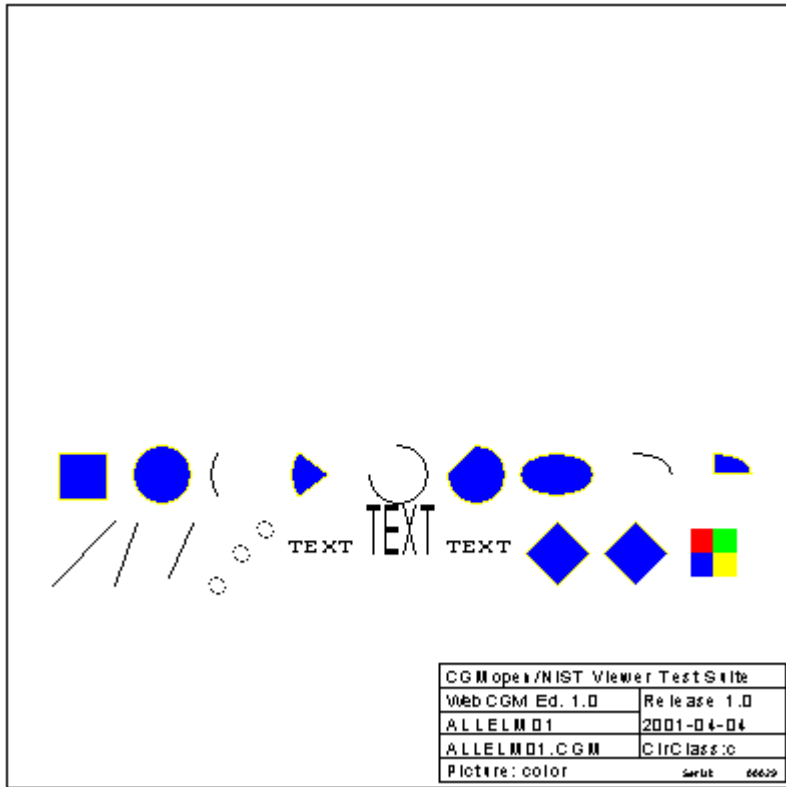
1.43 zCompress



zCompress-CGM

Fig 43, Sheet 1 of 2 zCompress

Produced by Docuneering Ltd.



zCompress-PNG

Fig 43, Sheet 2 of 2 zCompress

WebCGM 2.1 Test Suite

WebCGM20

Table of contents

	Page
WebCGM20	1
References	2
Description	2
1 WebCGM20	2
1.1 AppAttContent	3
1.2 AppStructure-interactivity	5
1.3 AppStructure-layerdesc	6
1.4 AppStructure-layername	7
1.5 AppStructure-linkuri	8
1.6 AppStructure-name	9
1.7 AppStructure-region	10
1.8 AppStructure-screentip	11
1.9 AppStructure-viewcontext	13
1.10 AppStructure-visibility	14
1.11 AppStructure-visibility2	15
1.12 CGM_Metafile	17
1.13 gr-interactivity	19
1.14 interpolated-interior-01	20
1.15 interpolated-interior-02	22
1.16 Node-aps	24
1.17 Node-attr	25
1.18 NodeList	26
1.19 Node-metadata	28
1.20 Node-ns	29
1.21 Node-pict	30
1.22 Node-text	33
1.23 NUBS01	34
1.24 NUBS02	35
1.25 NURBS01	37
1.26 NURBS02	39
1.27 object_behaviors	41
1.28 Picture-highlight	43
1.29 region_clip	45
1.30 StyleProperties-aps	47
1.31 StyleProperties-picture	49
1.32 StyleProperty-inherit	51
1.33 Text-On-Path-cases	53
1.34 transp01	55
1.35 utf8-chinese-v10	57
1.36 utf8-chinese-v20	59
1.37 utf16-chinese-v10	61
1.38 utf16-chinese-v20	63
1.39 utf16-japanese-v10	65
1.40 utf16-sf-apsid-01	66
1.41 utf16-sf-name-01	67

Table of contents (Continued)

	Page
1.42 WebCGM_Event	68
1.43 xcf-styles	69

References

Table 1 References

Data module / Technical publication	Title
None	

Description

1 WebCGM20

WebCGM20 TEST illustrations follow:

1.1 AppAttContent

There once was a man from Nantucket,
Who kept all of his cash in a bucket,
But his daughter, named Nan,
Ran away with a man,
And as for the bucket, Nantucket.

AppAttContent-CGM

Fig 1, Sheet 1 of 2 AppAttContent

Produced by Docuneering Ltd.

Applicable to: All

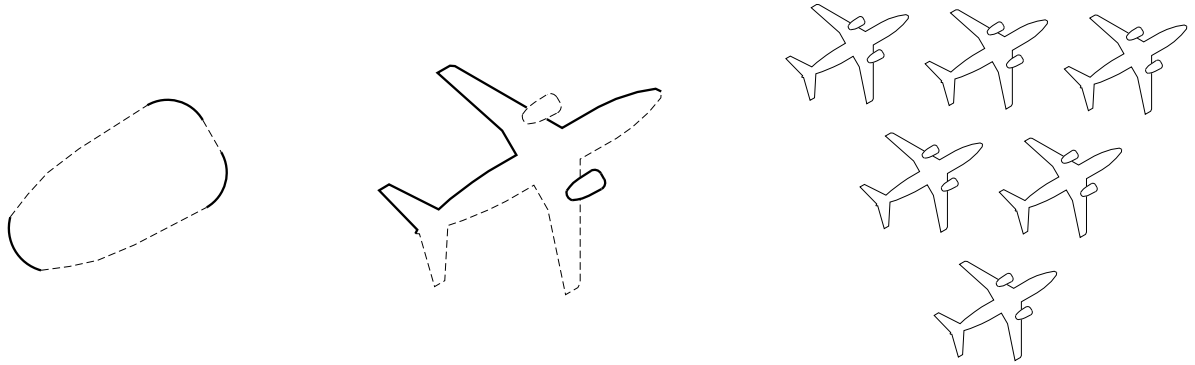
TEST41-A-00-00-00-03A-040A-A

There once was a man from Nantucket,
Who kept all of his cash in a bucket,
But his daughter, named Nan,
Ran away with a man,
And as for the bucket, Nantucket.

AppAttContent-PNG

Fig 1, Sheet 2 of 2 AppAttContent

1.2 AppStructure-interactivity



AppStructure-interactivity-CGM

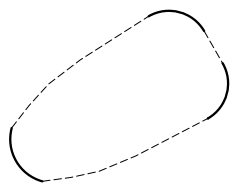
Fig 2, Sheet 1 of 2 AppStructure-interactivity



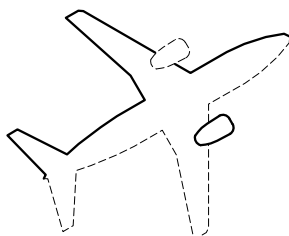
AppStructure-interactivity-PNG

Fig 2, Sheet 2 of 2 AppStructure-interactivity

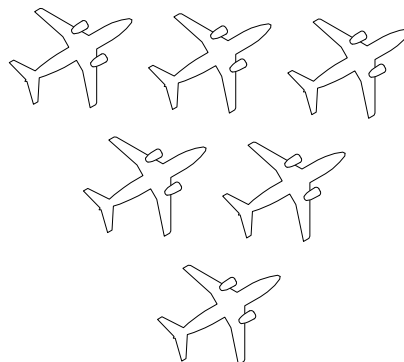
1.3 AppStructure-layerdesc



layerdesc=Single Plane Engine



layerdesc=Single Plane



layerdesc=6 Planes

AppStructure-layerdesc-CGM

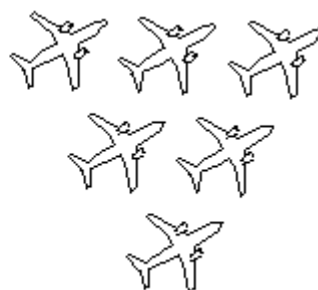
Fig 3, Sheet 1 of 2 AppStructure-layerdesc



layerdesc=Single Plane Engine



layerdesc=Single Plane



layerdesc=6 Planes

AppStructure-layerdesc-PNG

Fig 3, Sheet 2 of 2 AppStructure-layerdesc

1.4 AppStructure-layername

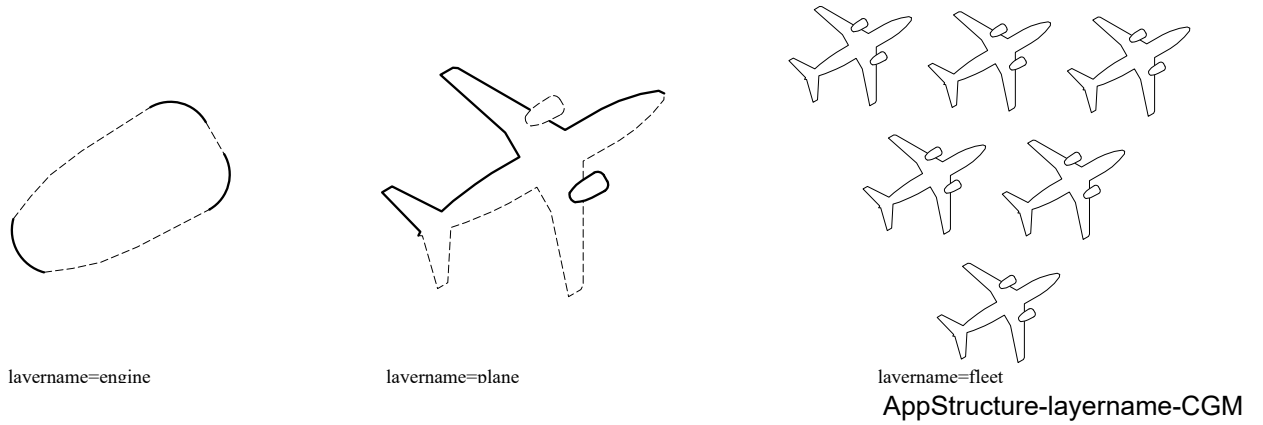


Fig 4, Sheet 1 of 2 AppStructure-layername

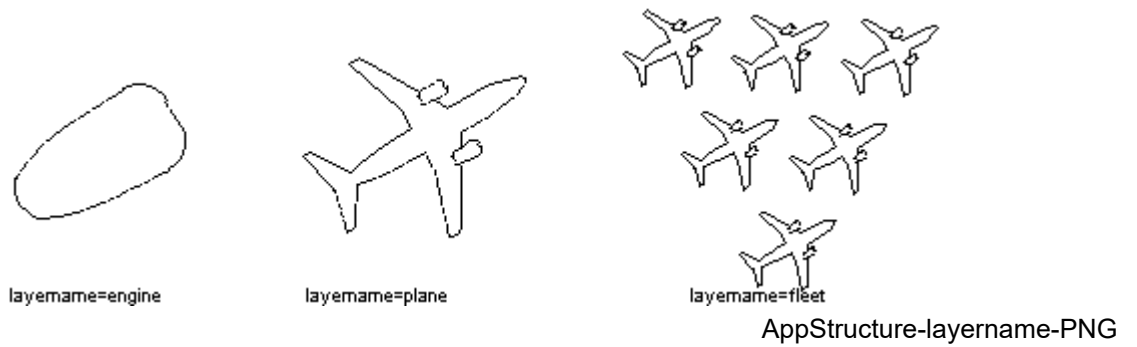


Fig 4, Sheet 2 of 2 AppStructure-layername

1.5 AppStructure-linkuri

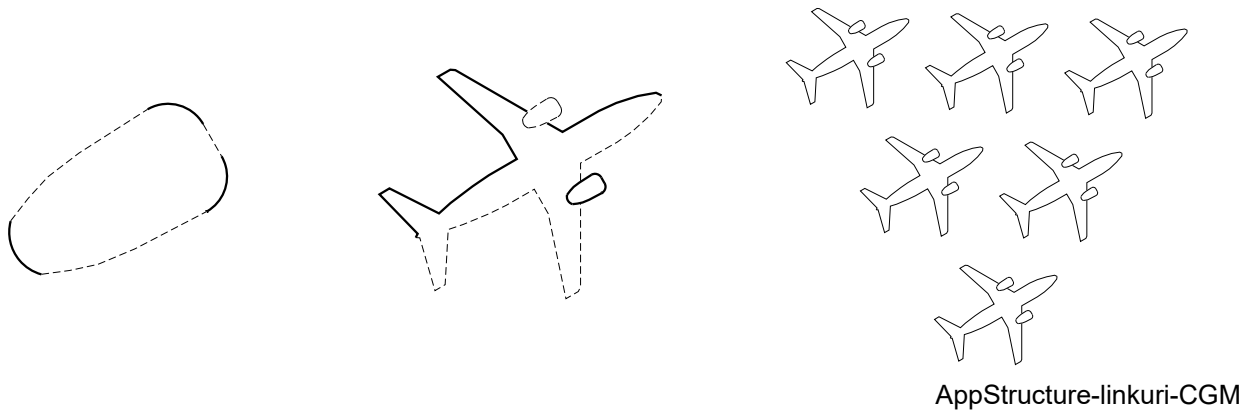


Fig 5, Sheet 1 of 2 AppStructure-linkuri



Fig 5, Sheet 2 of 2 AppStructure-linkuri

1.6 AppStructure-name

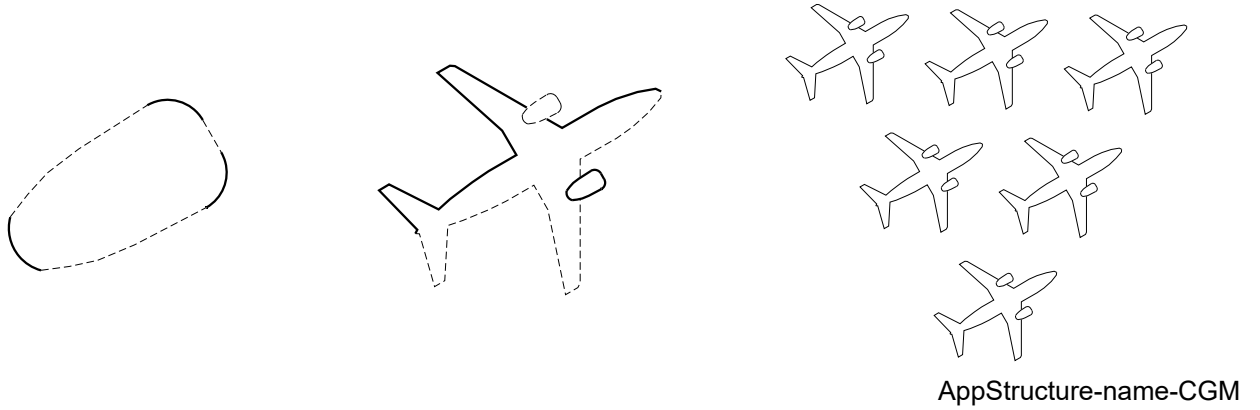
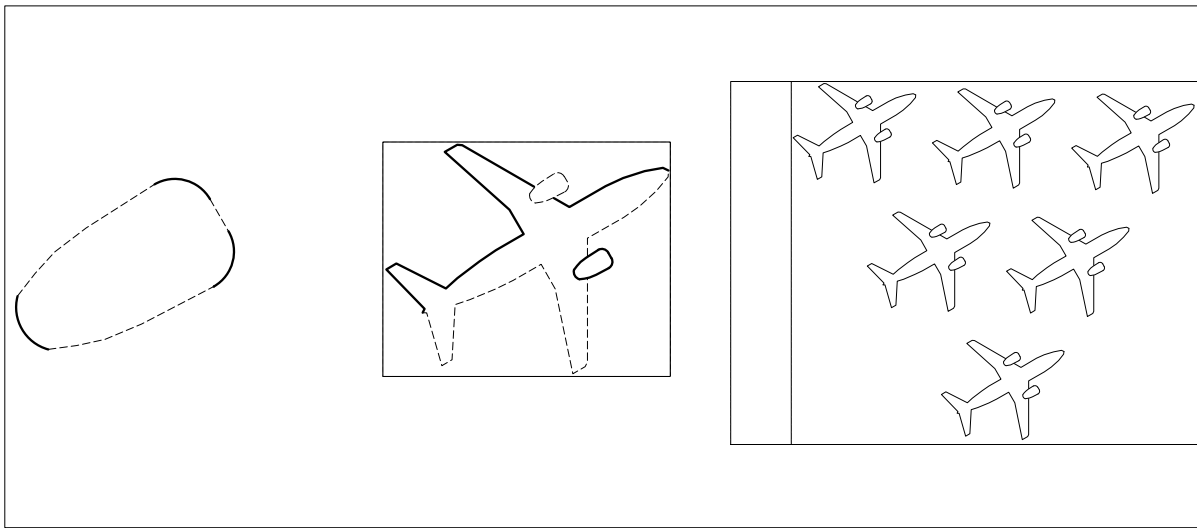


Fig 6, Sheet 1 of 2 AppStructure-name



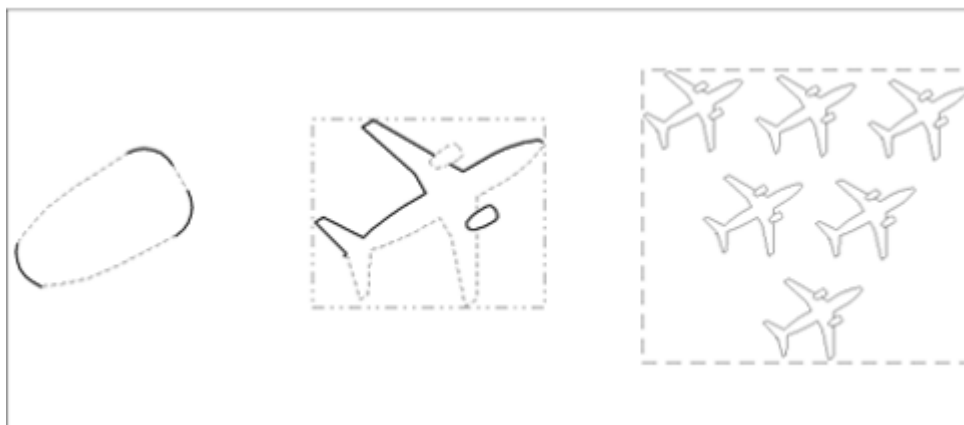
Fig 6, Sheet 2 of 2 AppStructure-name

1.7 AppStructure-region



AppStructure-region-CGM

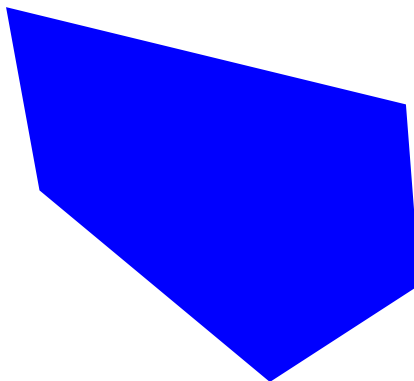
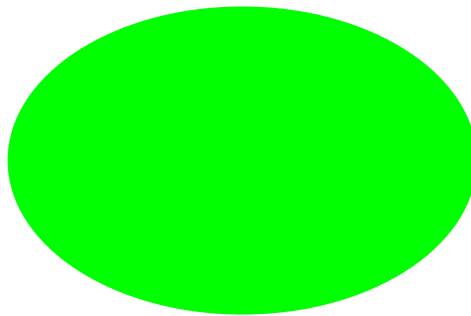
Fig 7, Sheet 1 of 2 AppStructure-region



AppStructure-region-PNG

Fig 7, Sheet 2 of 2 AppStructure-region

1.8 AppStructure-screentip



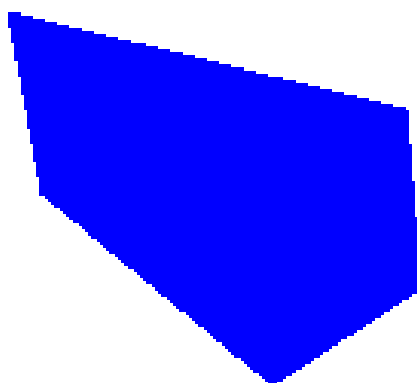
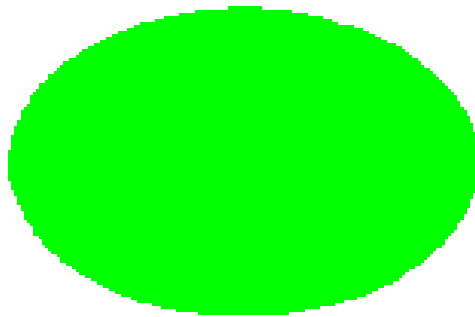
Produced by Docuneering Ltd.

AppStructure-screentip-CGM

Fig 8, Sheet 1 of 2 AppStructure-screentip

Applicable to: All

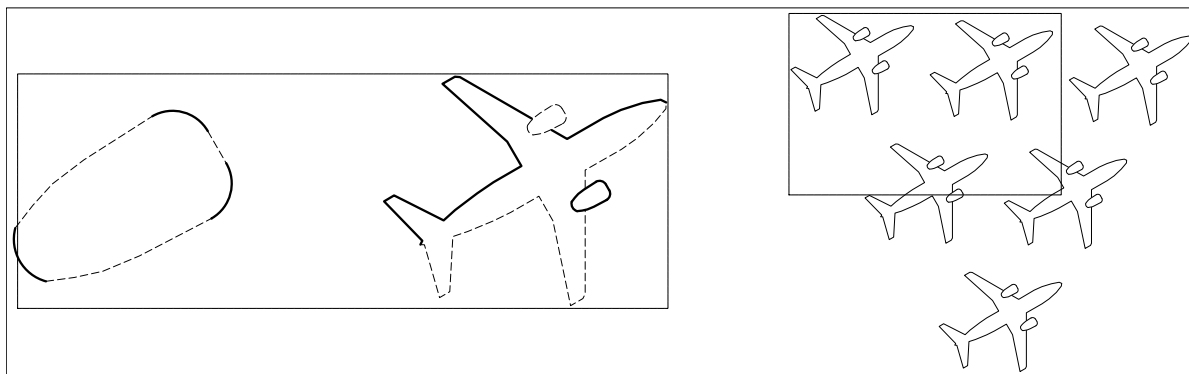
TEST41-A-00-00-00-03A-040A-A



AppStructure-screentip-PNG

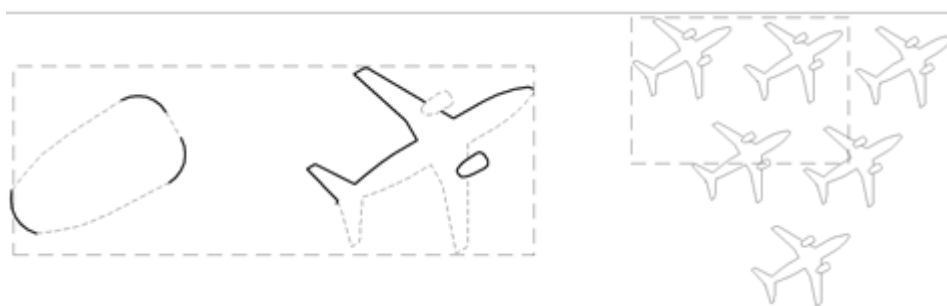
Fig 8, Sheet 2 of 2 AppStructure-screentip

1.9 AppStructure-viewcontext



AppStructure-viewcontext-CGM

Fig 9, Sheet 1 of 2 AppStructure-viewcontext



AppStructure-viewcontext-PNG

Fig 9, Sheet 2 of 2 AppStructure-viewcontext

Produced by Docuneering Ltd.

1.10 AppStructure-visibility



AppStructure-visibility-CGM

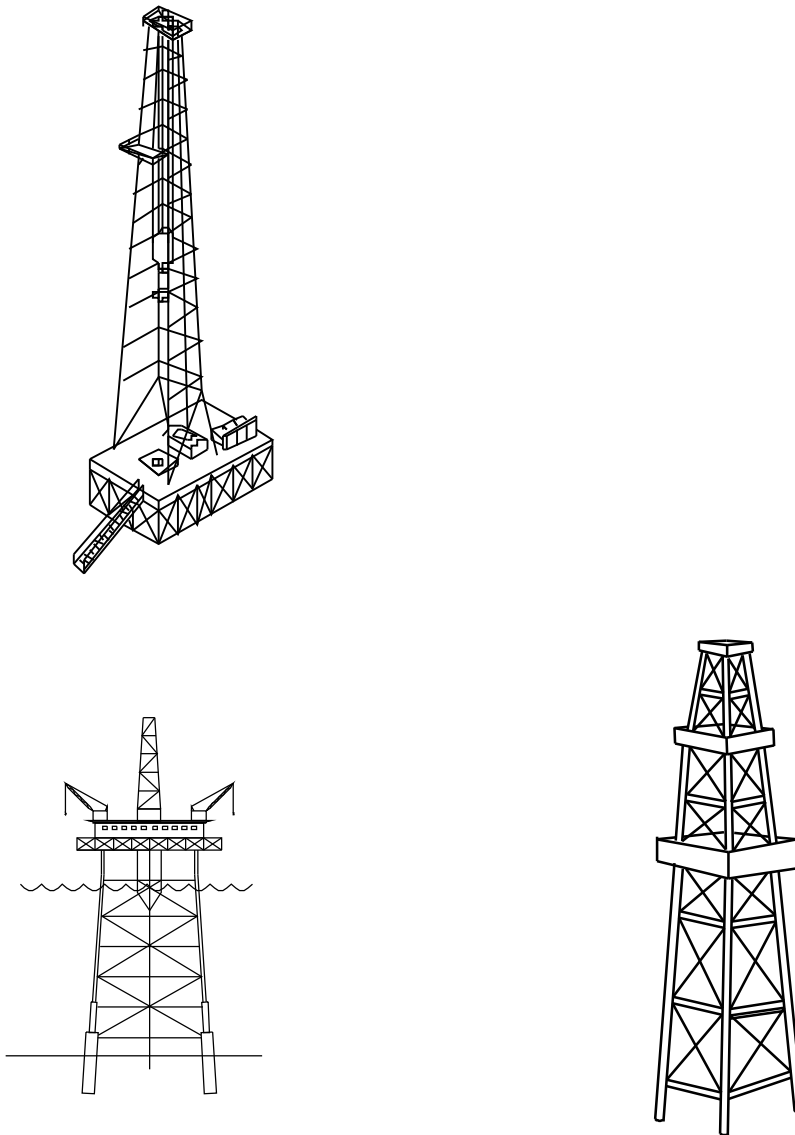
Fig 10, Sheet 1 of 2 AppStructure-visibility



AppStructure-visibility-PNG

Fig 10, Sheet 2 of 2 AppStructure-visibility

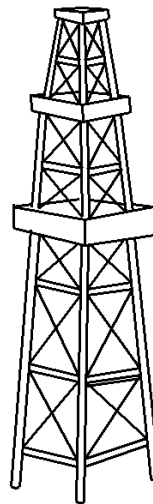
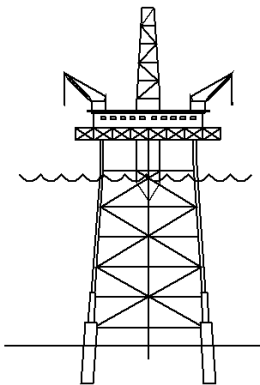
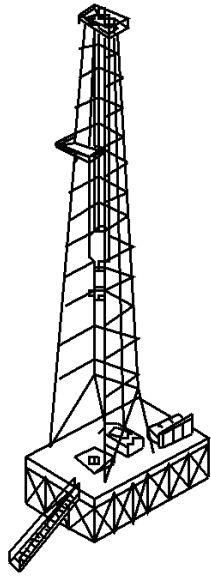
1.11 AppStructure-visibility2



AppStructure-visibility2-CGM

Fig 11, Sheet 1 of 2 AppStructure-visibility2

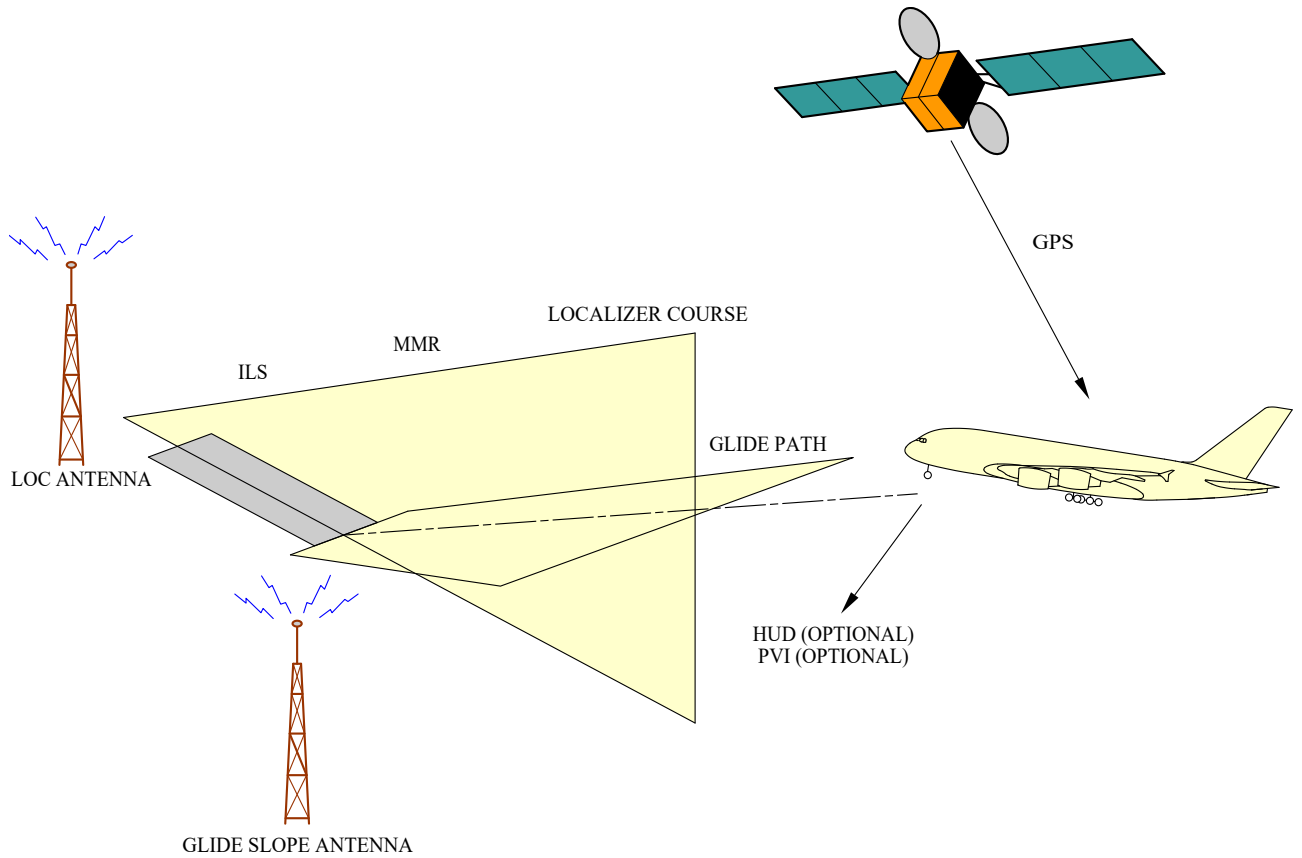
Produced by Docuneering Ltd.



AppStructure-visibility2-PNG

Fig 11, Sheet 2 of 2 AppStructure-visibility2

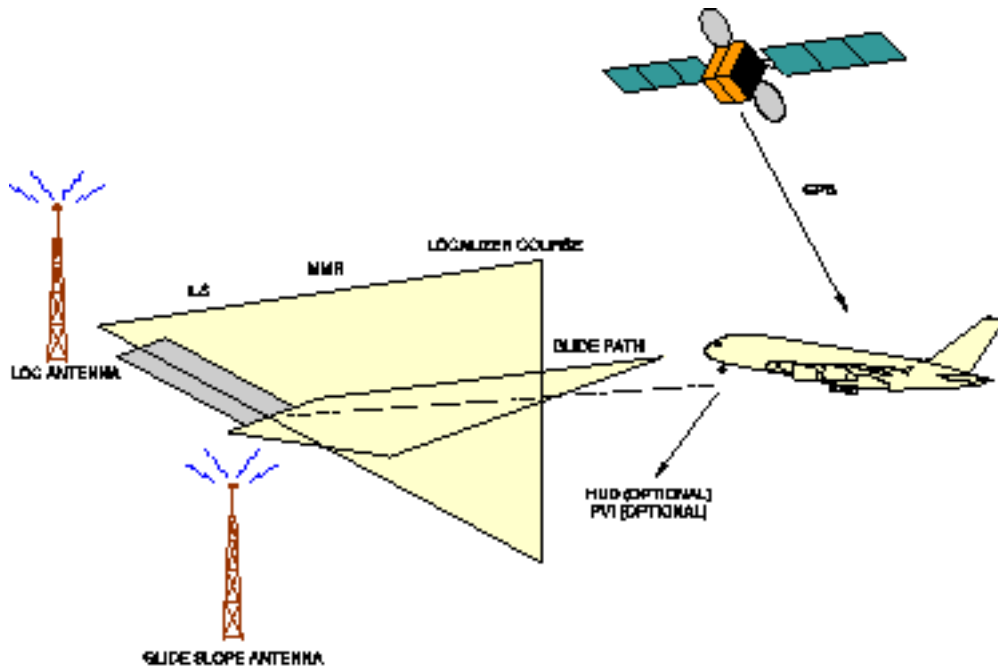
1.12 CGM_Metatile



CGM_Metatile-CGM

Fig 12, Sheet 1 of 2 CGM_Metatile

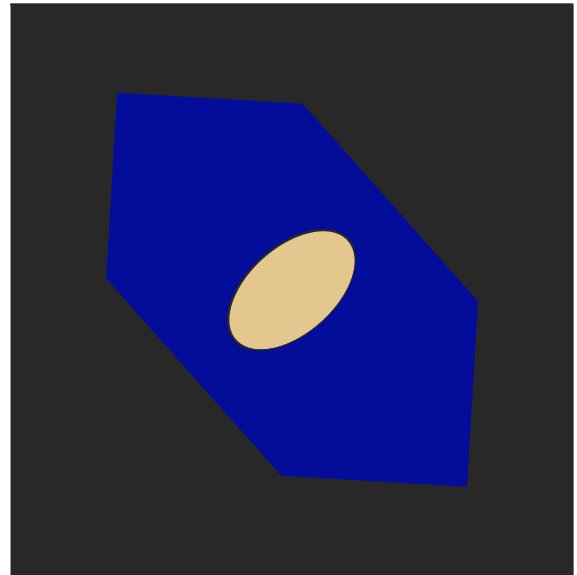
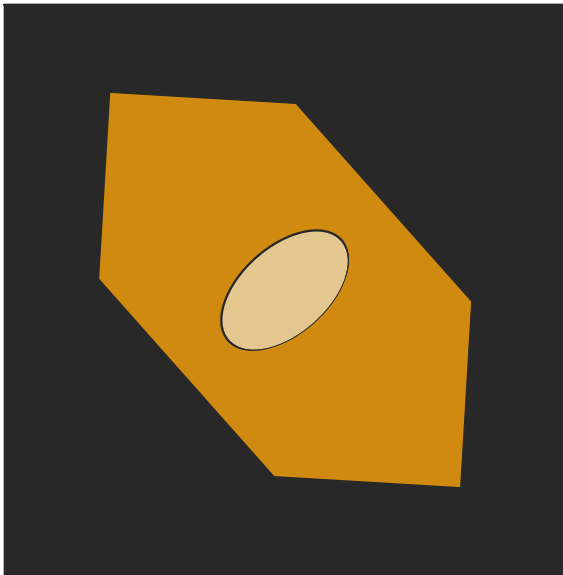
Produced by Docuneering Ltd.



CGM_Metatile-PNG

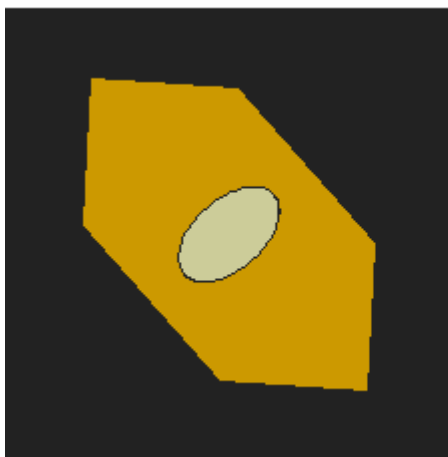
Fig 12, Sheet 2 of 2 CGM_Metatile

1.13 gr-interactivity



gr-interactivity-CGM

Fig 13, Sheet 1 of 2 gr-interactivity

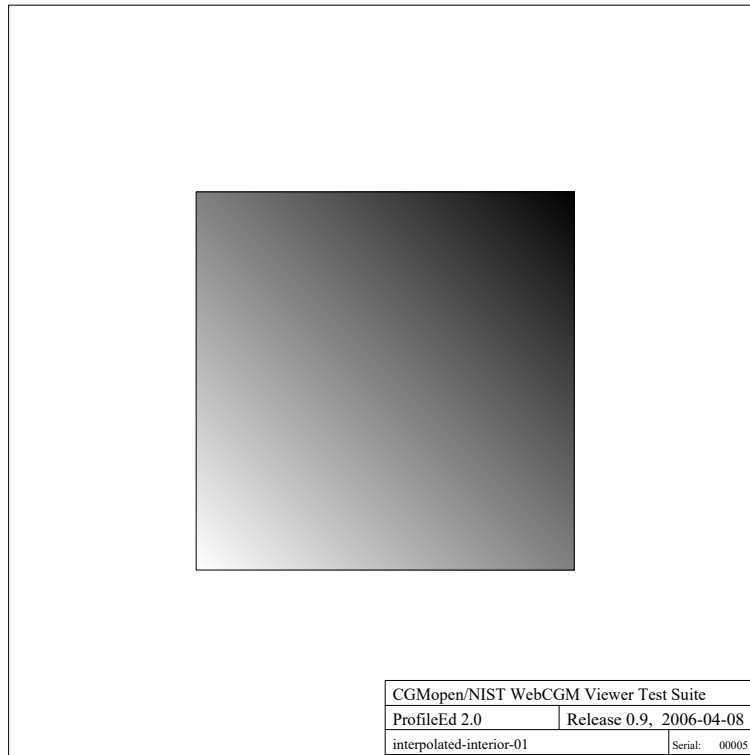


gr-interactivity-PNG

Fig 13, Sheet 2 of 2 gr-interactivity

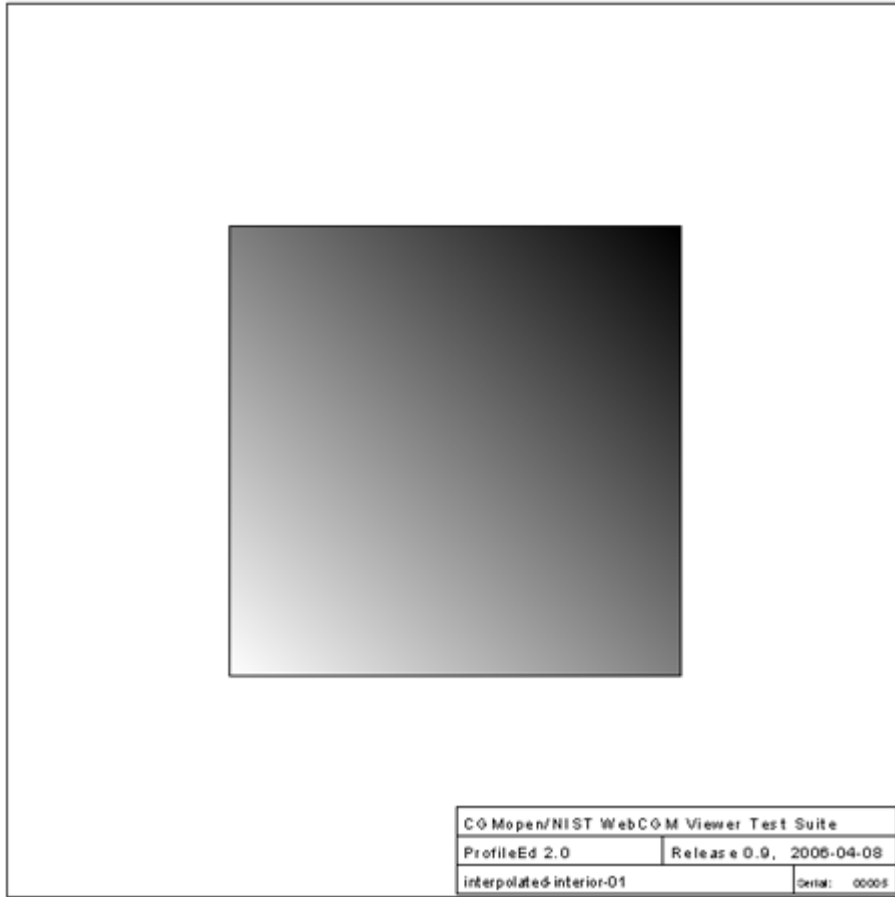
Produced by Docuneering Ltd.

1.14 interpolated-interior-01



interpolated-interior-01-CGM

Fig 14, Sheet 1 of 2 interpolated-interior-01

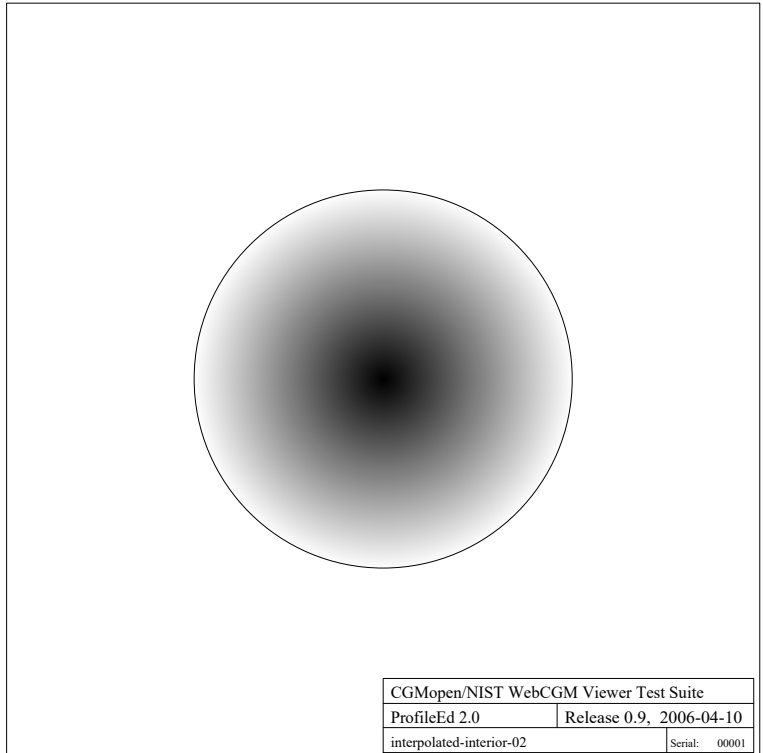


interpolated-interior-01-PNG

Fig 14, Sheet 2 of 2 interpolated-interior-01

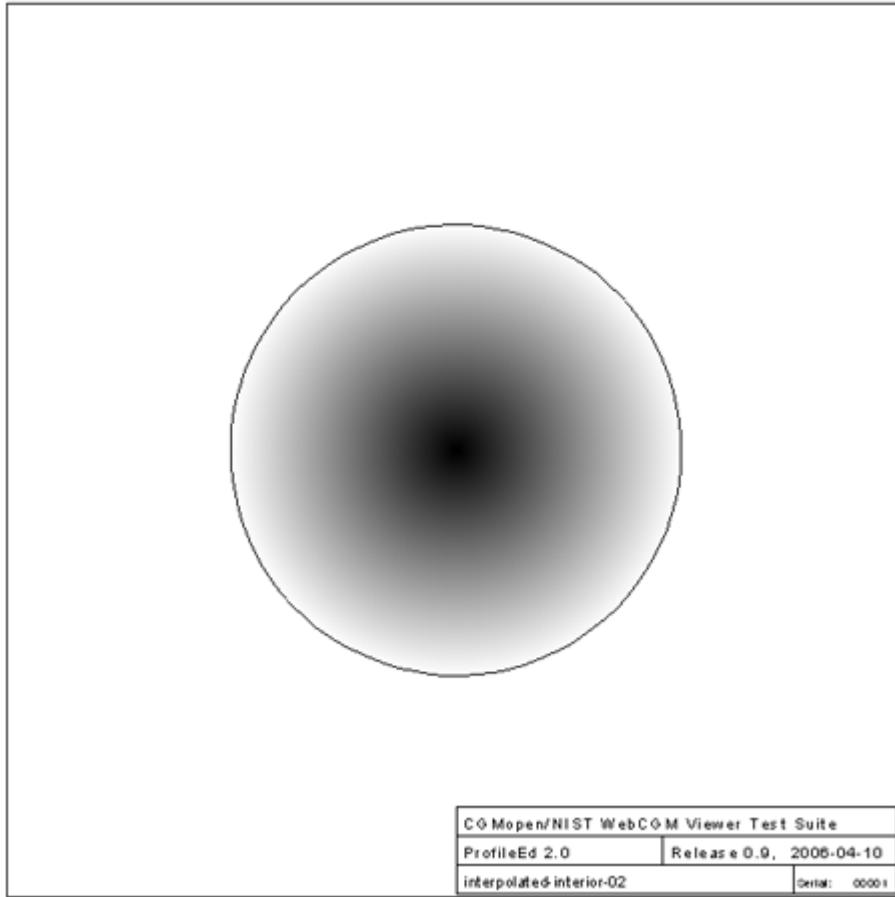
Produced by Docuneering Ltd.

1.15 interpolated-interior-02



interpolated-interior-02-CGM

Fig 15, Sheet 1 of 2 interpolated-interior-02

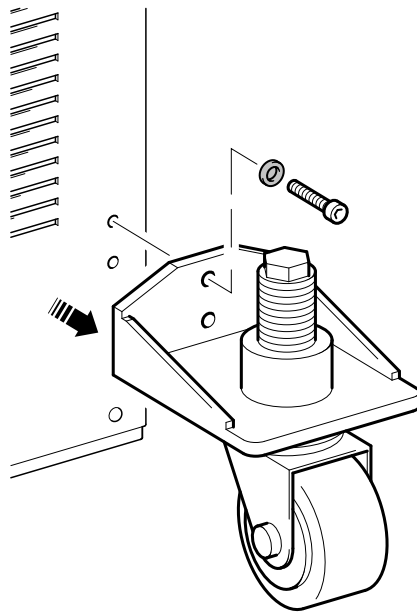


interpolated-interior-02-PNG

Fig 15, Sheet 2 of 2 interpolated-interior-02

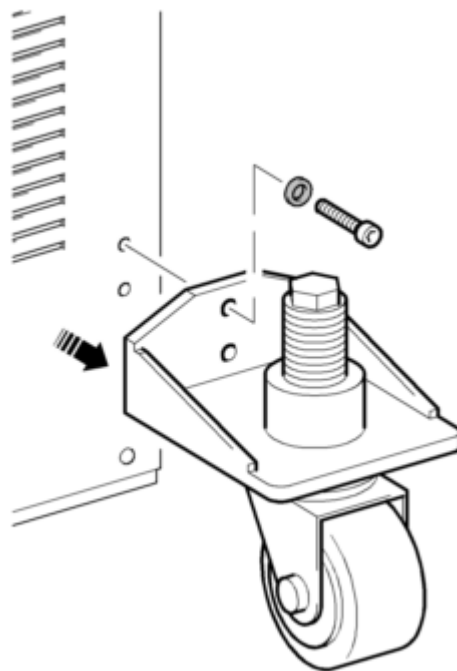
Produced by Docuneering Ltd.

1.16 Node-aps



Node-aps-CGM

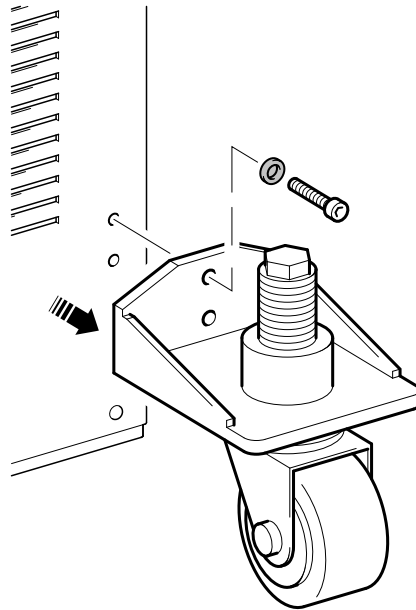
Fig 16, Sheet 1 of 2 Node-aps



Node-aps-PNG

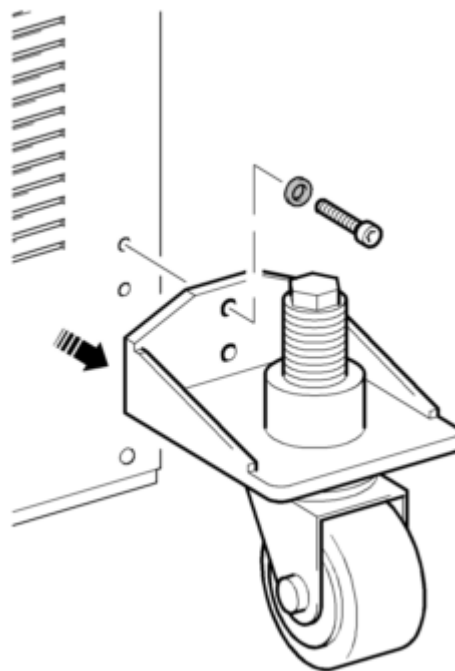
Fig 16, Sheet 2 of 2 Node-aps

1.17 Node-attr



Node-attr-CGM

Fig 17, Sheet 1 of 2 Node-attr

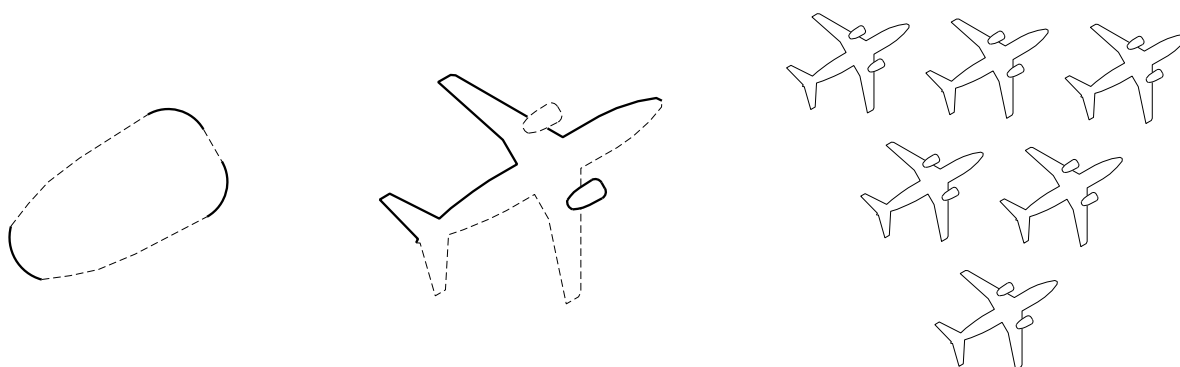


Node-attr-PNG

Fig 17, Sheet 2 of 2 Node-attr

Produced by Docuneering Ltd.

1.18 NodeList

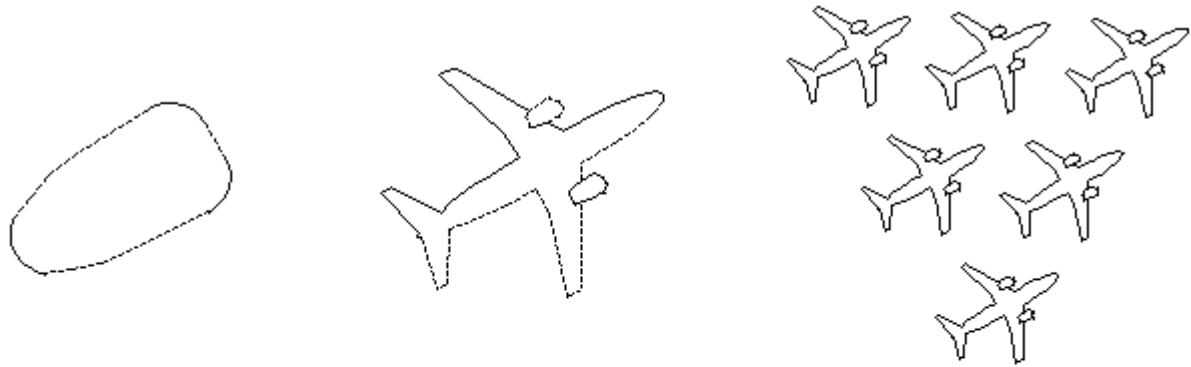


First line wraps after this "word" and ends with a hard return here.

This is the second line which completes the text object.

NodeList-CGM

Fig 18, Sheet 1 of 2 NodeList



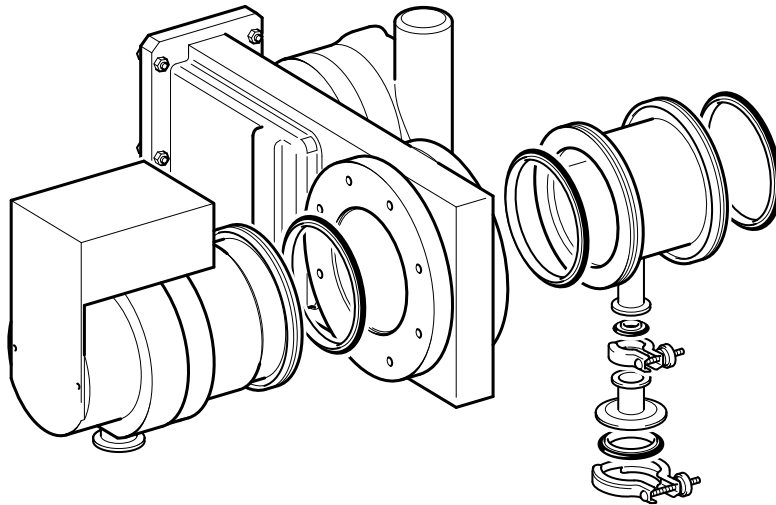
**First line wraps after this "word"
and ends with a hard return here.**

**This is the second line which
completes the text object.**

NodeList-PNG

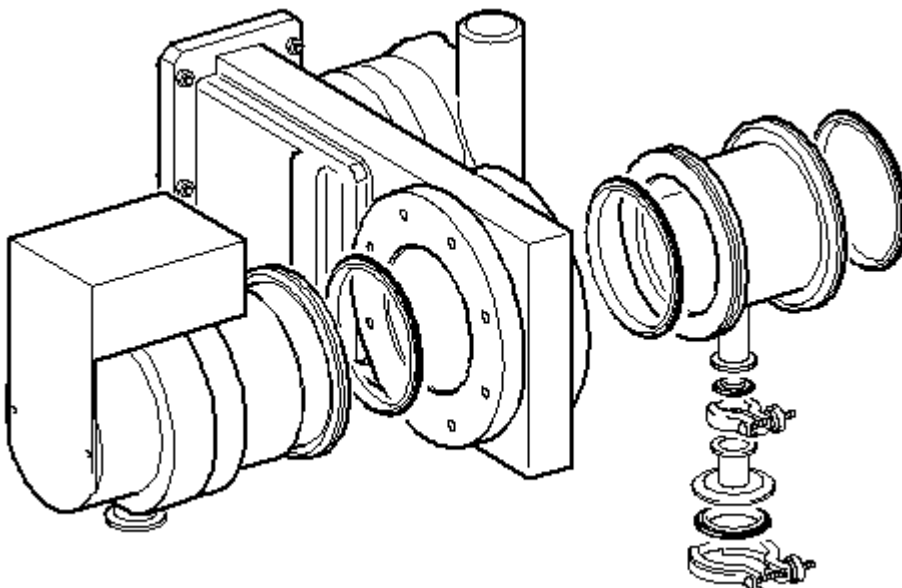
Fig 18, Sheet 2 of 2 NodeList

1.19 Node-metadata



Node-metadata-CGM

Fig 19, Sheet 1 of 2 Node-metadata



Node-metadata-PNG

Fig 19, Sheet 2 of 2 Node-metadata

1.20 Node-ns

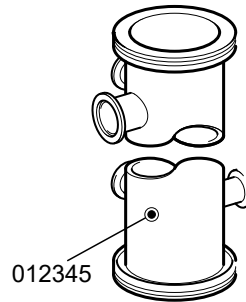


Fig 20, Sheet 1 of 2 Node-ns

Node-ns-CGM

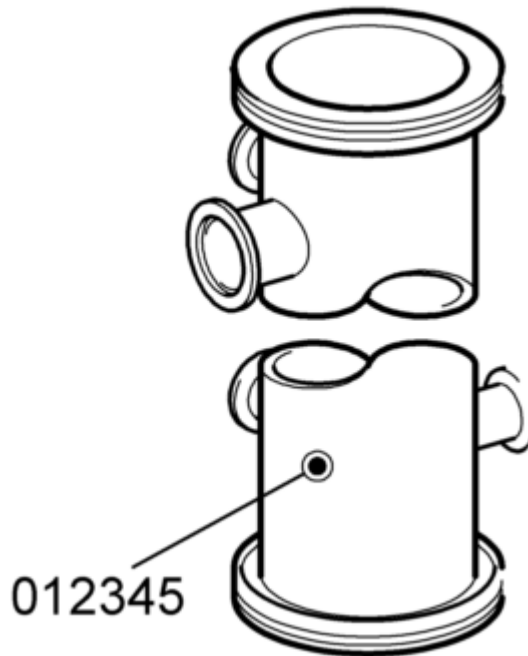
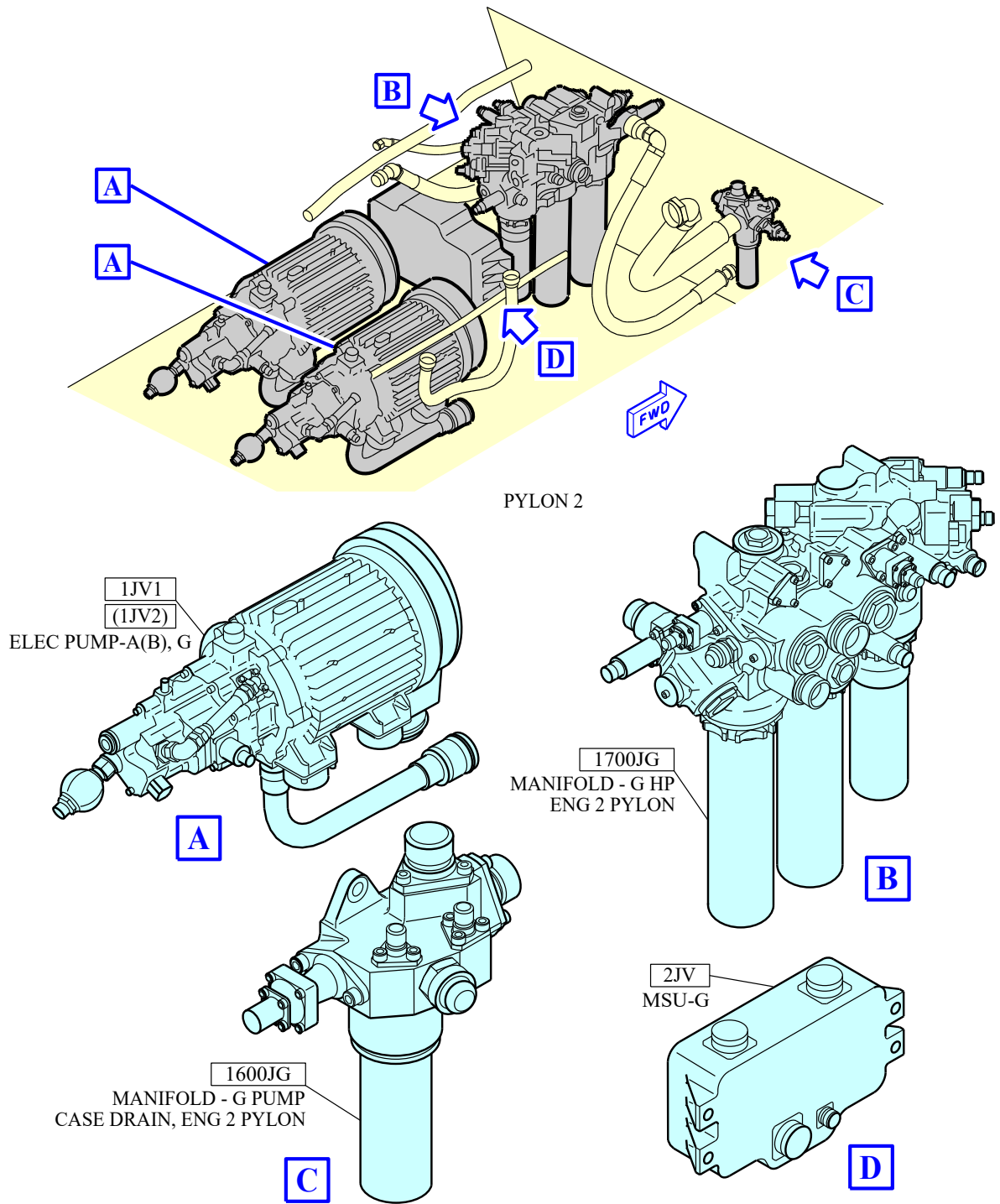


Fig 20, Sheet 2 of 2 Node-ns

Node-ns-PNG

1.21 Node-pict



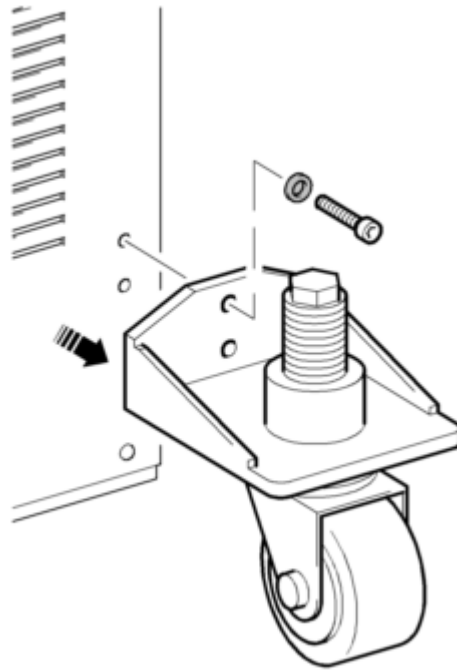
Produced by Docuneering Ltd.

Node-pict-CGM

Fig 21, Sheet 1 of 2 Node-pict

Applicable to: All

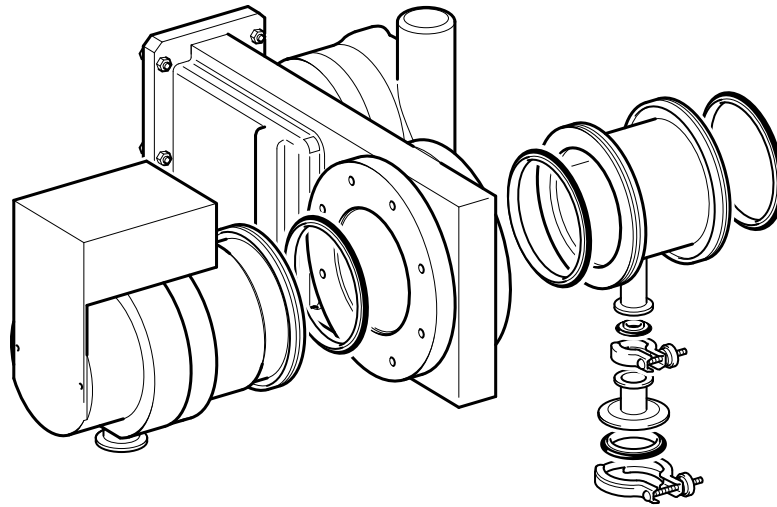
TEST41-A-00-00-00-03A-040A-A



Node-pict-PNG

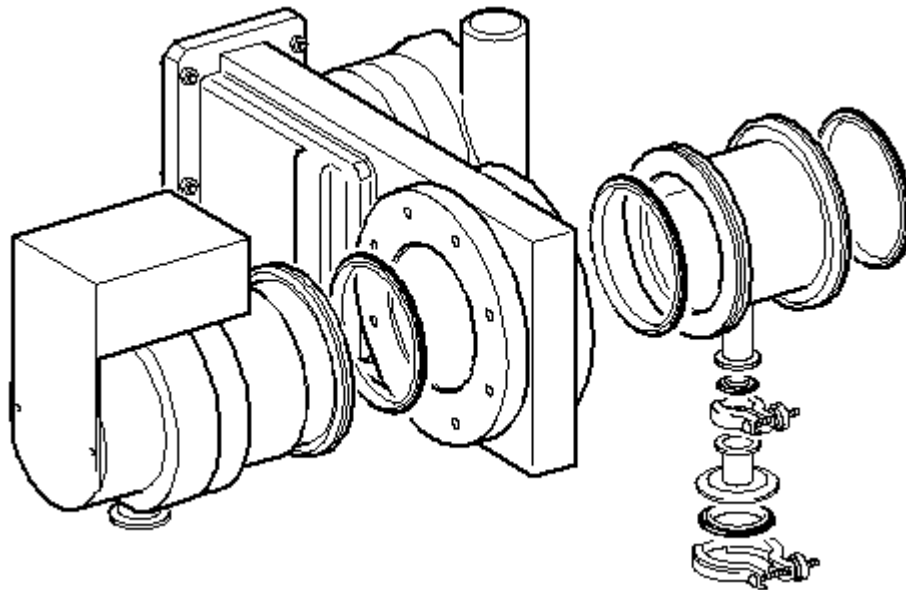
Fig 21, Sheet 2 of 2 Node-pict

1.22 Node-text



Node-text-CGM

Fig 22, Sheet 1 of 2 Node-text

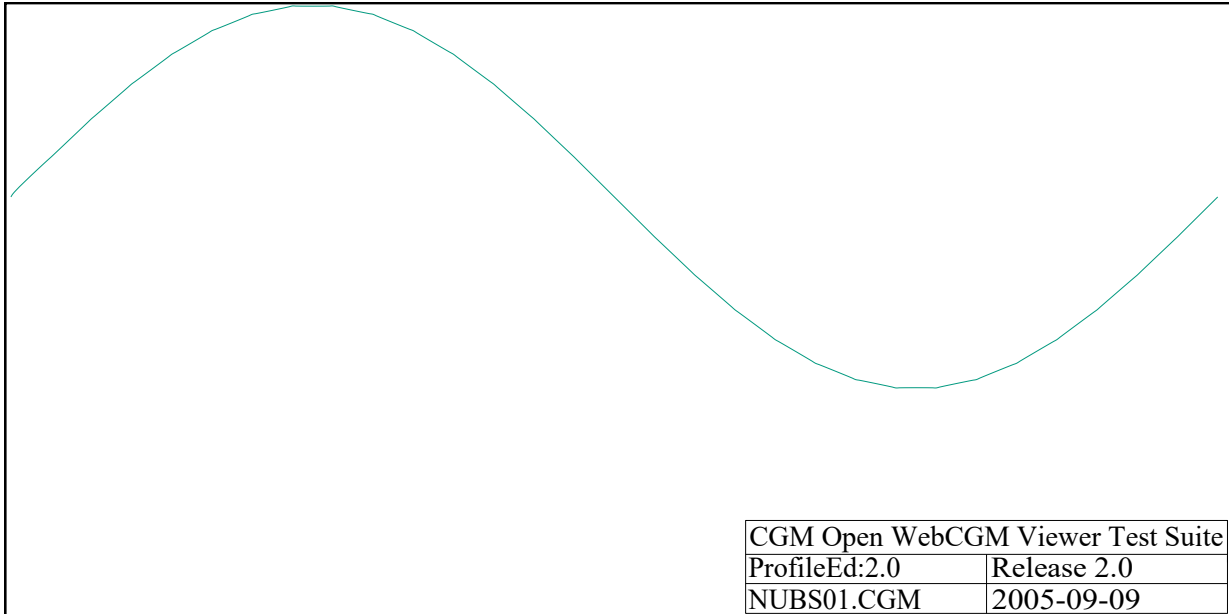


Node-text-PNG

Fig 22, Sheet 2 of 2 Node-text

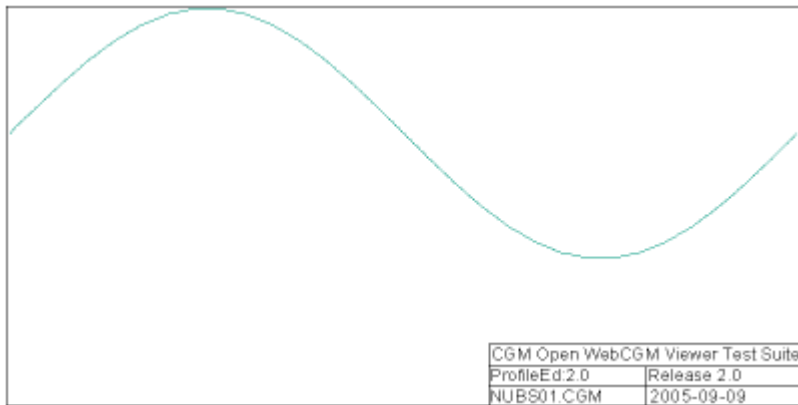
Produced by Docuneering Ltd.

1.23 NUBS01



NUBS01-CGM

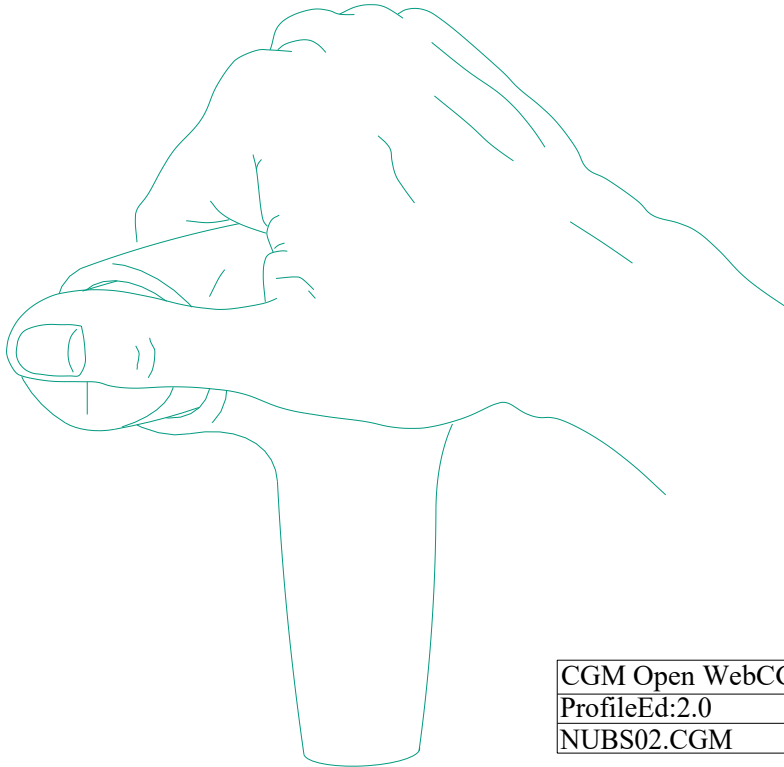
Fig 23, Sheet 1 of 2 NUBS01



NUBS01-PNG

Fig 23, Sheet 2 of 2 NUBS01

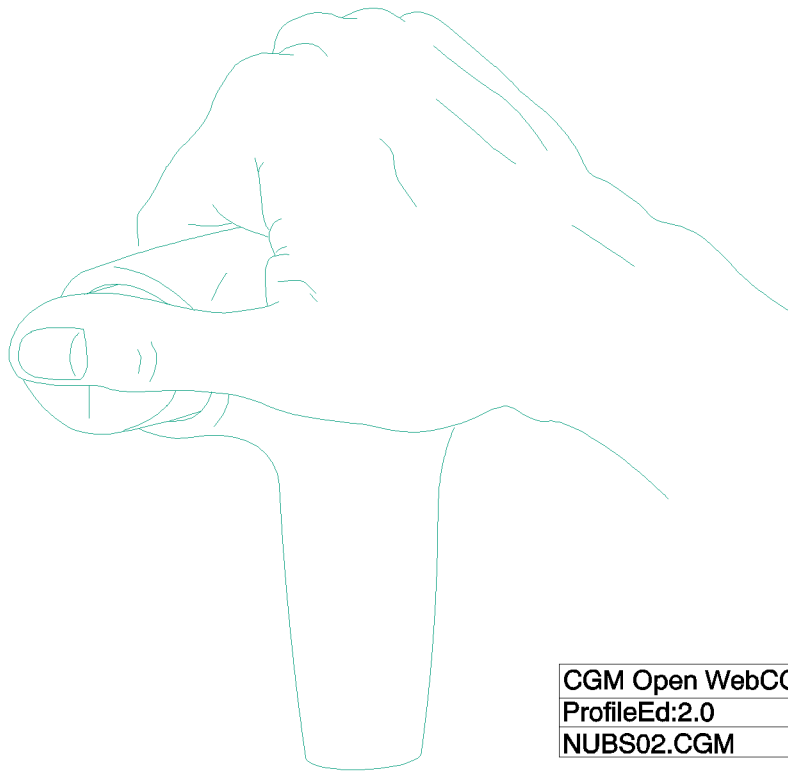
1.24 NUBS02



CGM Open WebCGM Viewer Test Suite	
ProfileEd:2.0	Release 2.0
NUBS02.CGM	2005-09-09

NUBS02-CGM

Fig 24, Sheet 1 of 2 NUBS02

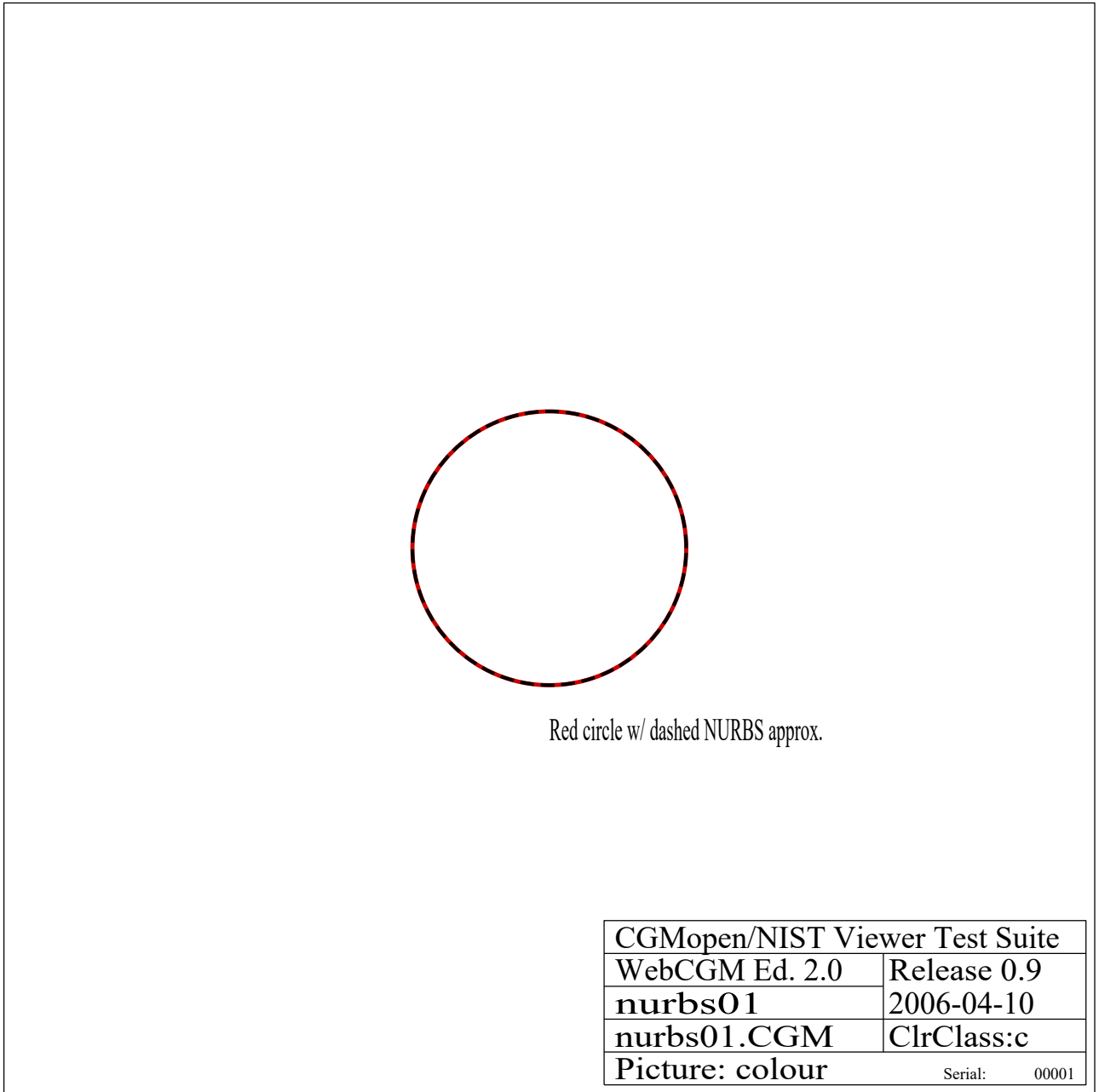


CGM Open WebCGM Viewer Test Suite	
ProfileEd:2.0	Release 2.0
NUBS02.CGM	2005-09-09

NUBS02-PNG

Fig 24, Sheet 2 of 2 NUBS02

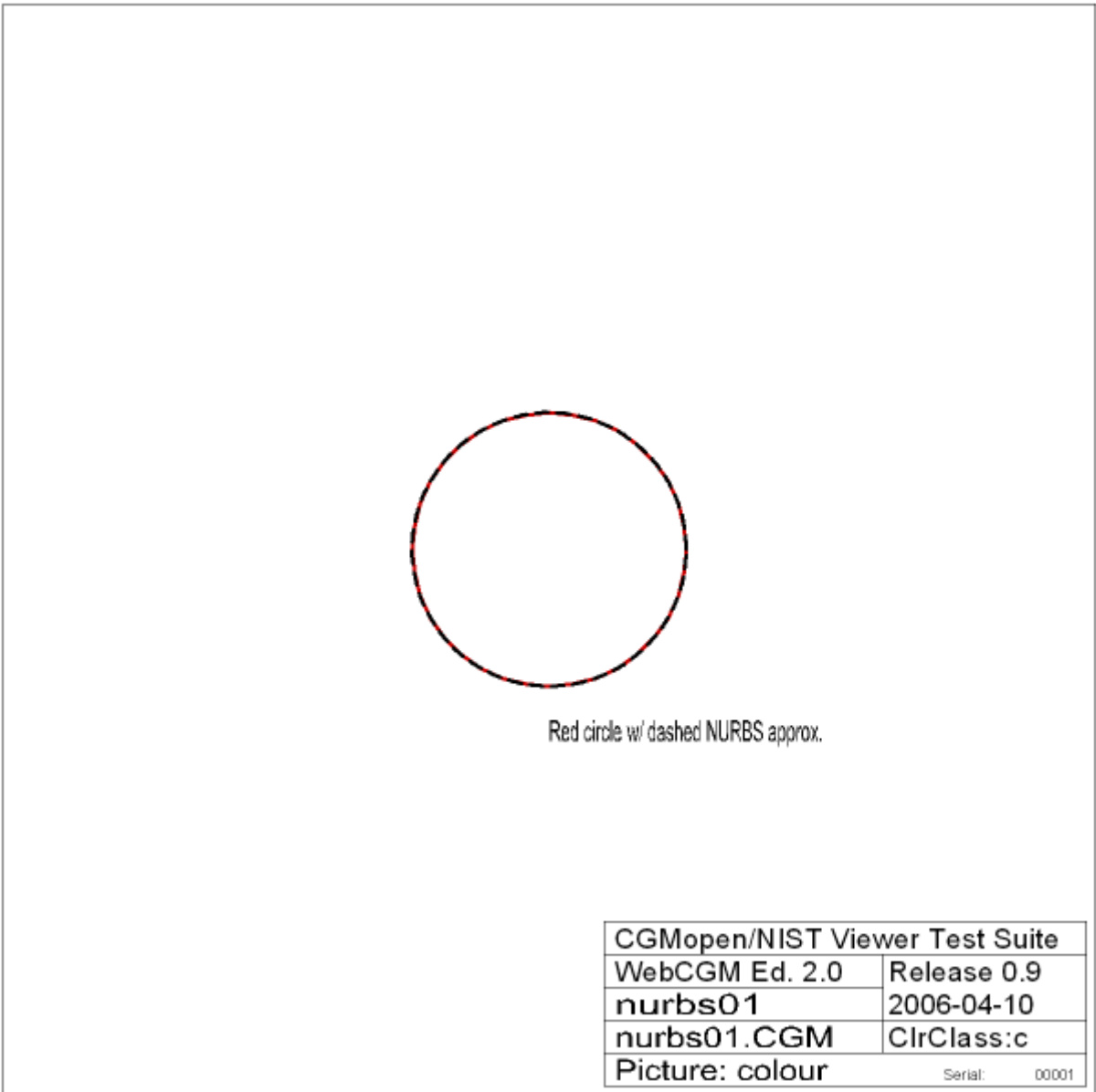
1.25 NURBS01



NURBS01-CGM

Fig 25, Sheet 1 of 2 NURBS01

Produced by Docuneering Ltd.



NURBS01-PNG

Fig 25, Sheet 2 of 2 NURBS01

1.26

NURBS02

Energy
Energy
Progress

NURBS02-CGM

Fig 26, Sheet 1 of 2 NURBS02

Produced by Docuneering Ltd.

Applicable to: All

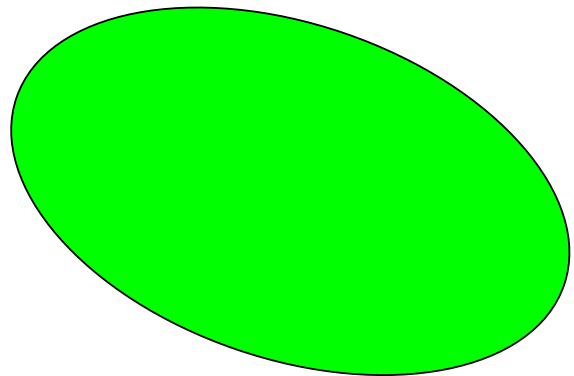
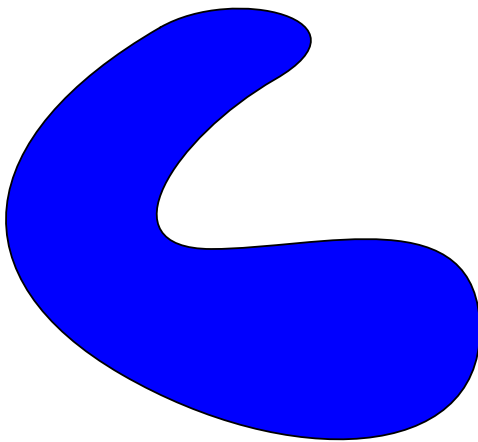
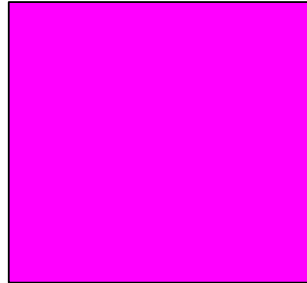
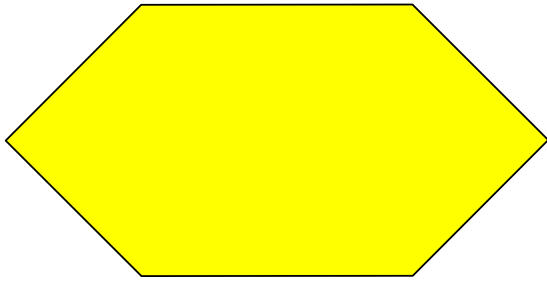
TEST41-A-00-00-00-03A-040A-A

Energy
Energy
Progress

NURBS02-PNG

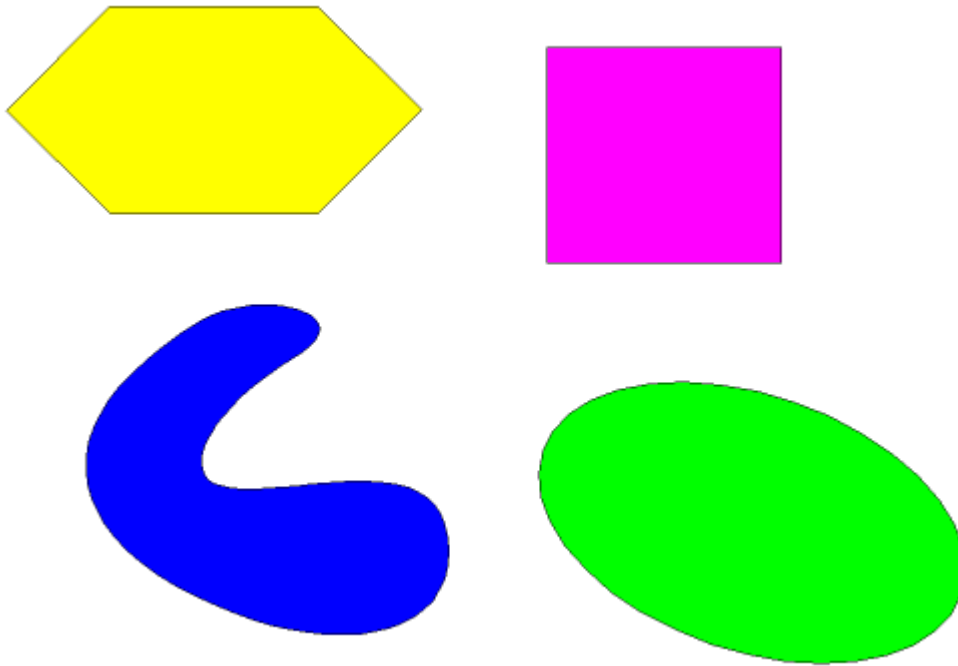
Fig 26, Sheet 2 of 2 NURBS02

1.27 object_behaviors



object_behaviors-CGM

Fig 27, Sheet 1 of 2 object_behaviors



object_behaviors-PNG

Fig 27, Sheet 2 of 2 object_behaviors

1.28 Picture-highlight

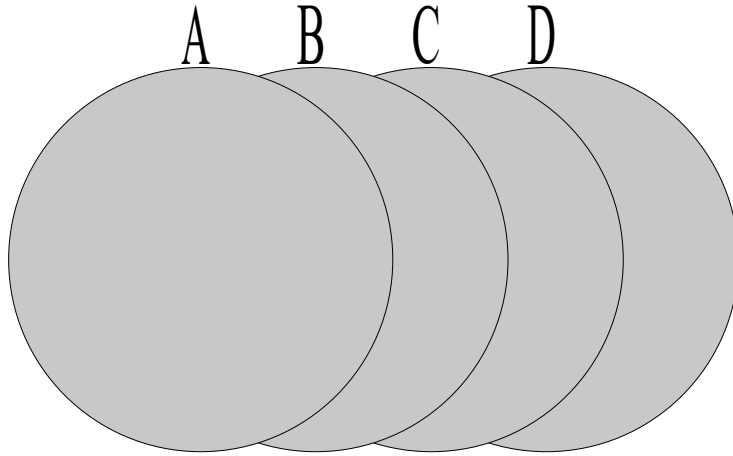


Fig 28, Sheet 1 of 2 Picture-highlight

Picture-highlight-CGM

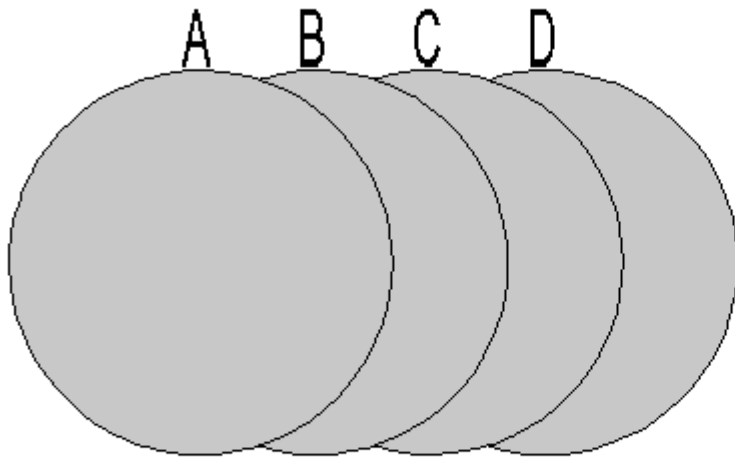
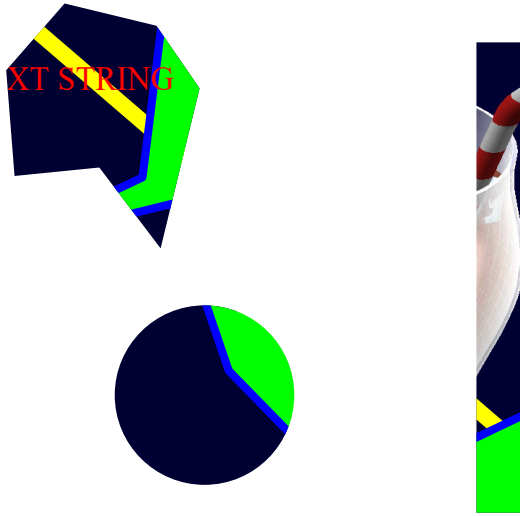


Fig 28, Sheet 2 of 2 Picture-highlight

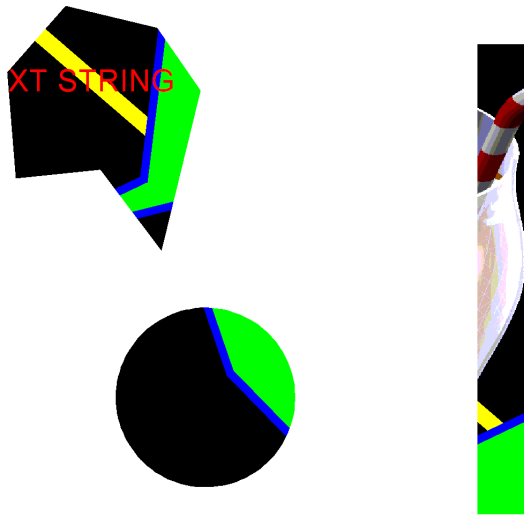
Picture-highlight-PNG

1.29 region_clip



region_clip-CGM

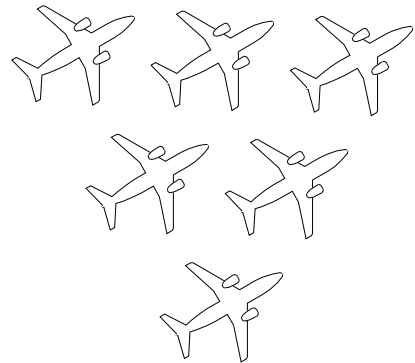
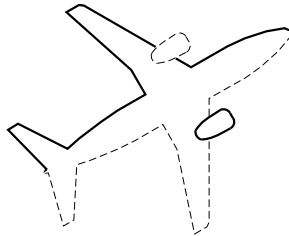
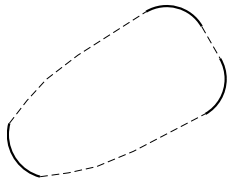
Fig 29, Sheet 1 of 2 region_clip



region_clip-PNG

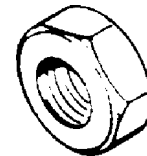
Fig 29, Sheet 2 of 2 region_clip

1.30 StyleProperties-aps



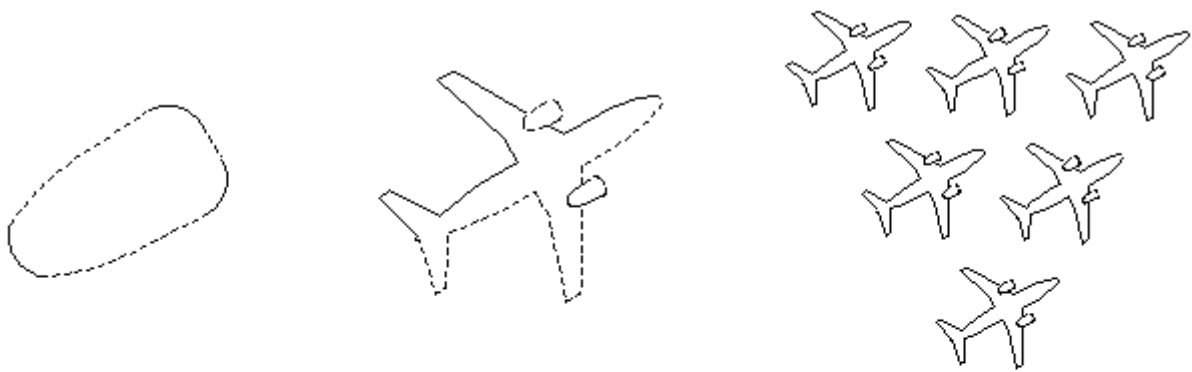
First line wraps after this "word"
and ends with a hard return here.

This is the second line which
completes the text object.



StyleProperties-aps-CGM

Fig 30, Sheet 1 of 2 StyleProperties-aps



First line wraps after this "word"
and ends with a hard return here.

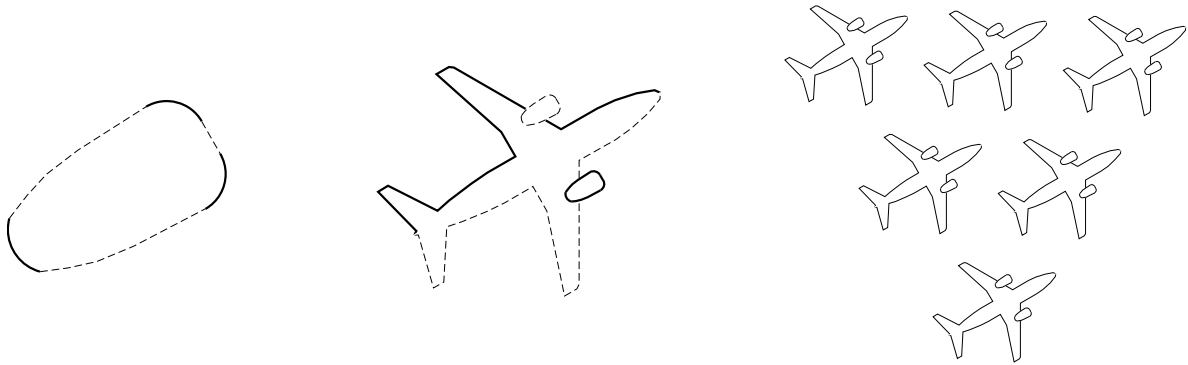
This is the second line which
completes the text object.



StyleProperties-aps-PNG

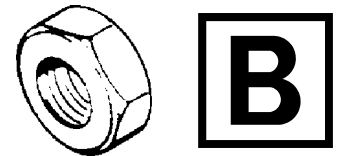
Fig 30, Sheet 2 of 2 StyleProperties-aps

1.31 StyleProperties-picture



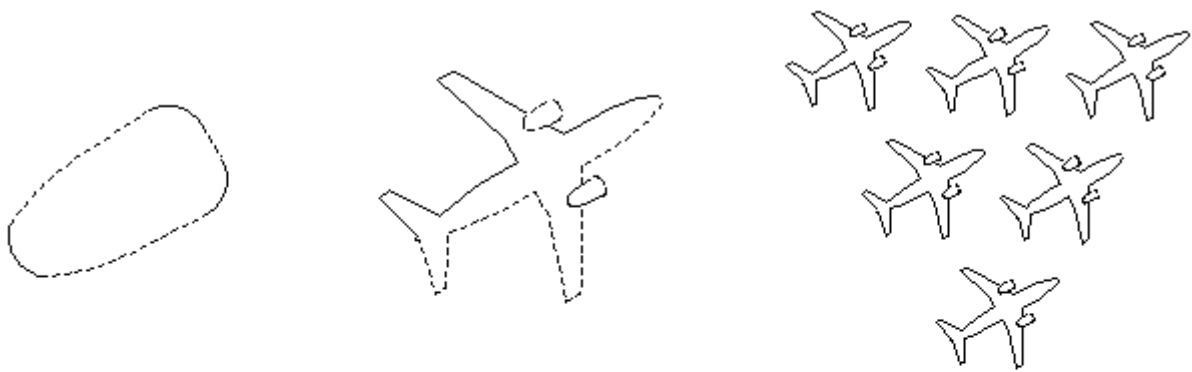
First line wraps after this "word"
and ends with a hard return here.

This is the second line which
completes the text object.



StyleProperties-picture-CGM

Fig 31, Sheet 1 of 2 StyleProperties-picture



First line wraps after this "word"
and ends with a hard return here.

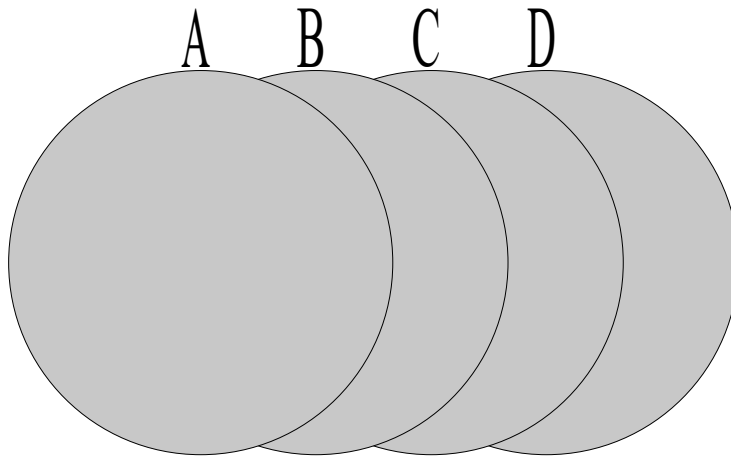
This is the second line which
completes the text object.



StyleProperties-picture-PNG

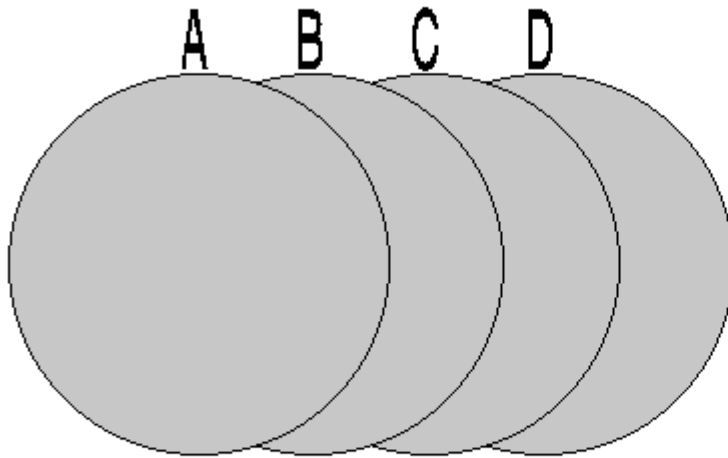
Fig 31, Sheet 2 of 2 StyleProperties-picture

1.32 StyleProperty-inherit



StyleProperty-inherit-CGM

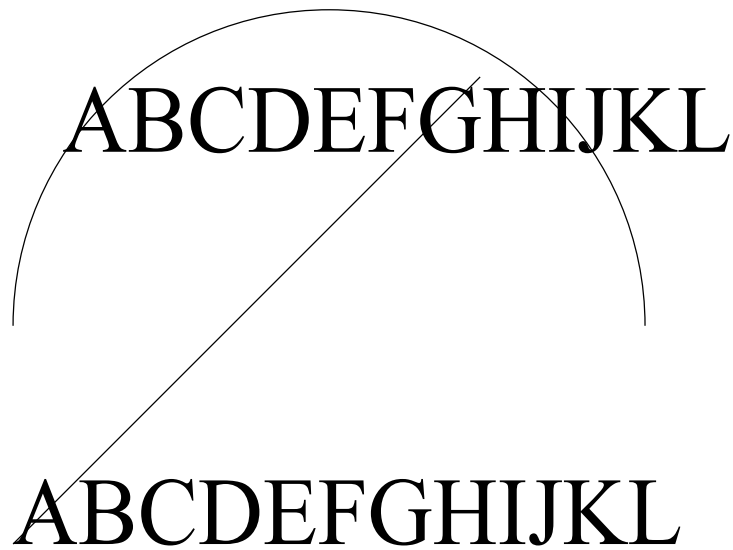
Fig 32, Sheet 1 of 2 StyleProperty-inherit



StyleProperty-inherit-PNG

Fig 32, Sheet 2 of 2 StyleProperty-inherit

1.33 Text-On-Path-cases



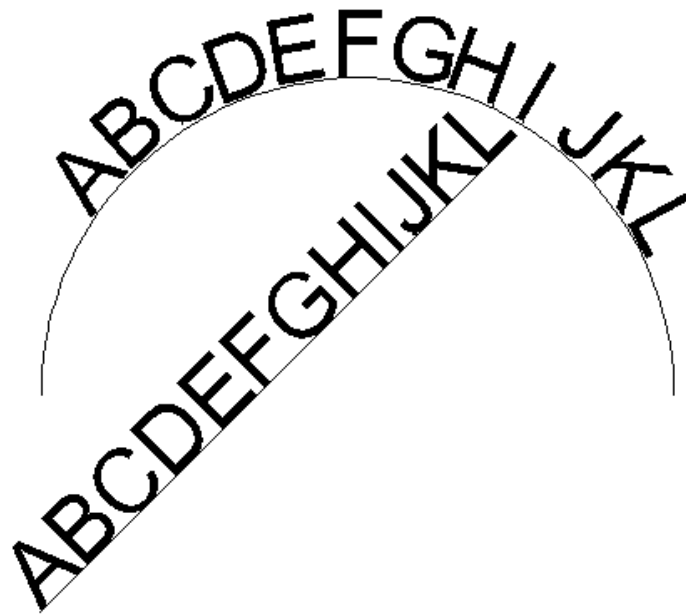
Produced by Docuneering Ltd.

Text-On-Path-cases-CGM

Fig 33, Sheet 1 of 2 Text-On-Path-cases

Applicable to: All

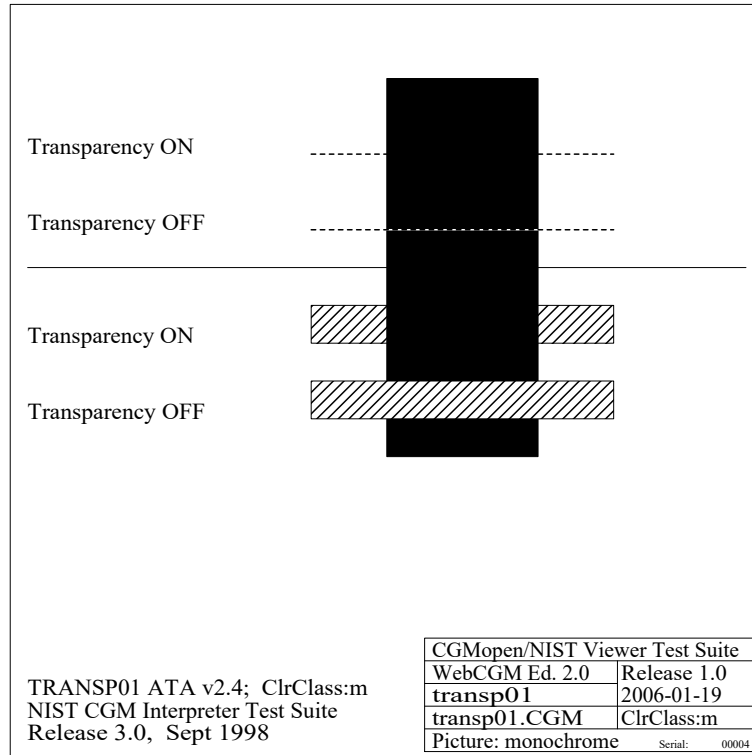
TEST41-A-00-00-00-03A-040A-A



Text-On-Path-cases-PNG

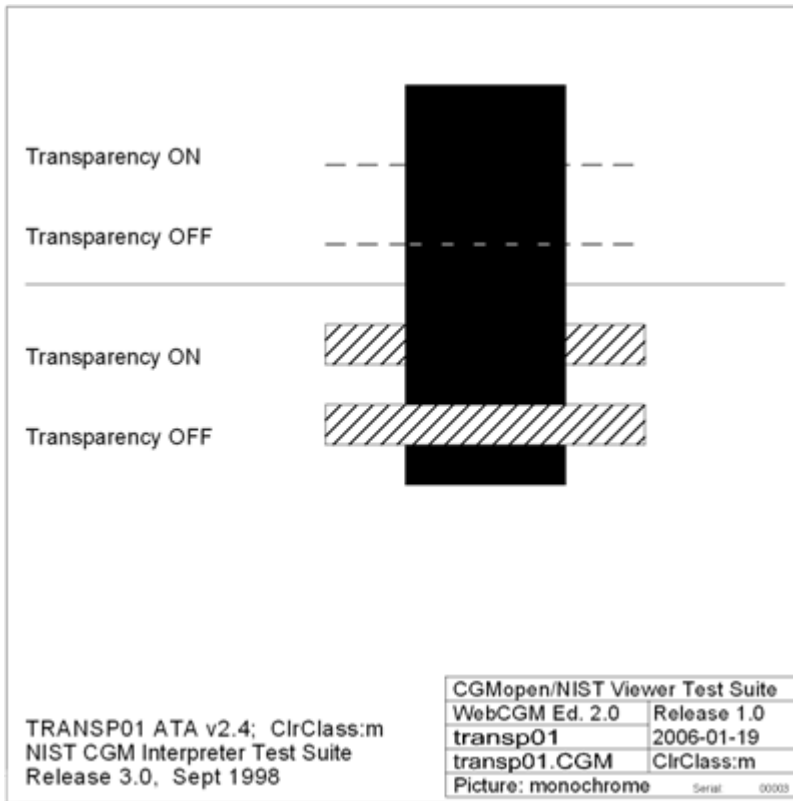
Fig 33, Sheet 2 of 2 Text-On-Path-cases

1.34 transp01



transp01-CGM

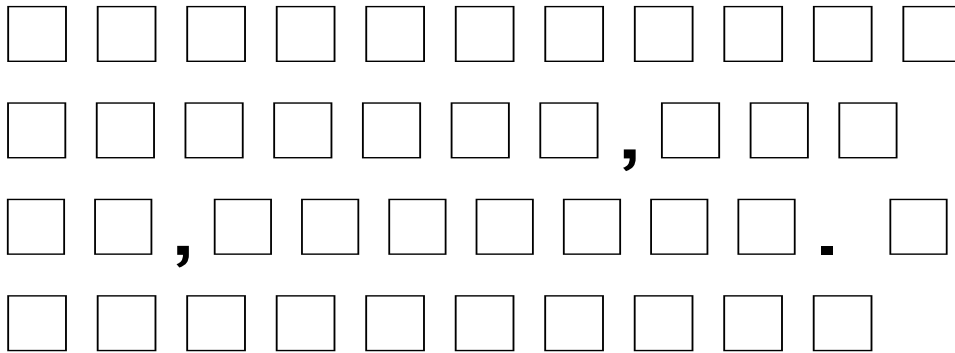
Fig 34, Sheet 1 of 2 transp01



transp01-PNG

Fig 34, Sheet 2 of 2 transp01

1.35 utf8-chinese-v10



utf8-chinese-v10-CGM

Fig 35, Sheet 1 of 2 utf8-chinese-v10

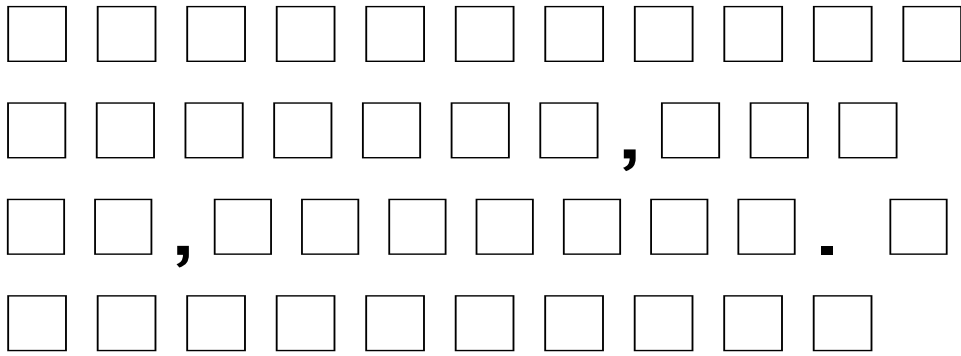
Produced by Docuneering Ltd.

这是用中文的仿宋体写的
在输入文字之后,你可以
放大,也可以缩小字体. 你
也可以旋转成任何角度

utf8-chinese-v10-PNG

Fig 35, Sheet 2 of 2 utf8-chinese-v10

1.36 utf8-chinese-v20



utf8-chinese-v20-CGM

Fig 36, Sheet 1 of 2 utf8-chinese-v20

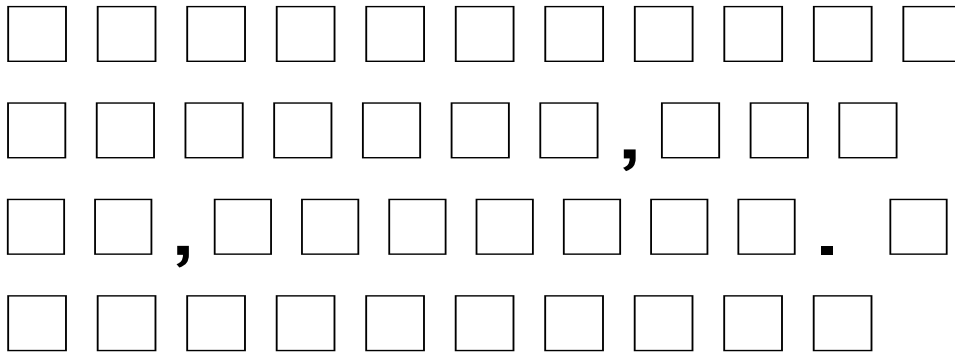
Produced by Docuneering Ltd.

这是用中文的仿宋体写的
在输入文字之后,你可以
放大,也可以缩小字体. 你
也可以旋转成任何角度

utf8-chinese-v20-PNG

Fig 36, Sheet 2 of 2 utf8-chinese-v20

1.37 utf16-chinese-v10



utf16-chinese-v10-CGM

Fig 37, Sheet 1 of 2 utf16-chinese-v10

Produced by Docuneering Ltd.

Applicable to: All

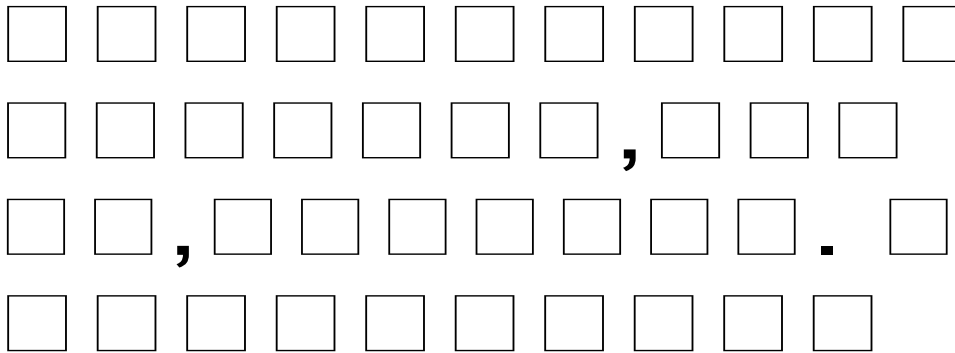
TEST41-A-00-00-00-03A-040A-A

这是用中文的仿宋体写的
在输入文字之后,你可以
放大,也可以缩小字体. 你
也可以旋转成任何角度

utf16-chinese-v10-PNG

Fig 37, Sheet 2 of 2 utf16-chinese-v10

1.38 utf16-chinese-v20



utf16-chinese-v20-CGM

Fig 38, Sheet 1 of 2 utf16-chinese-v20

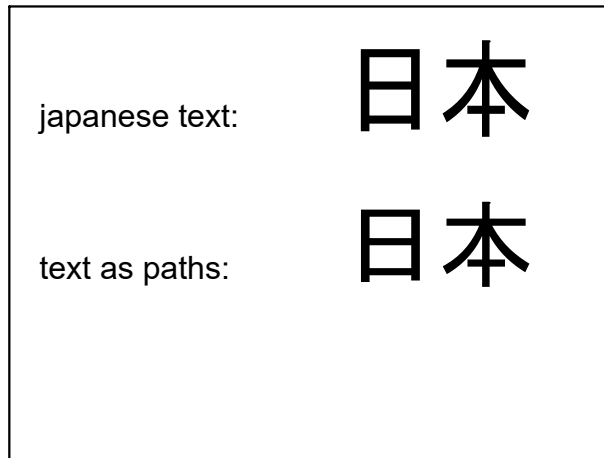
Produced by Docuneering Ltd.

这是用中文的仿宋体写的
在输入文字之后,你可以
放大,也可以缩小字体. 你
也可以旋转成任何角度

utf16-chinese-v20-PNG

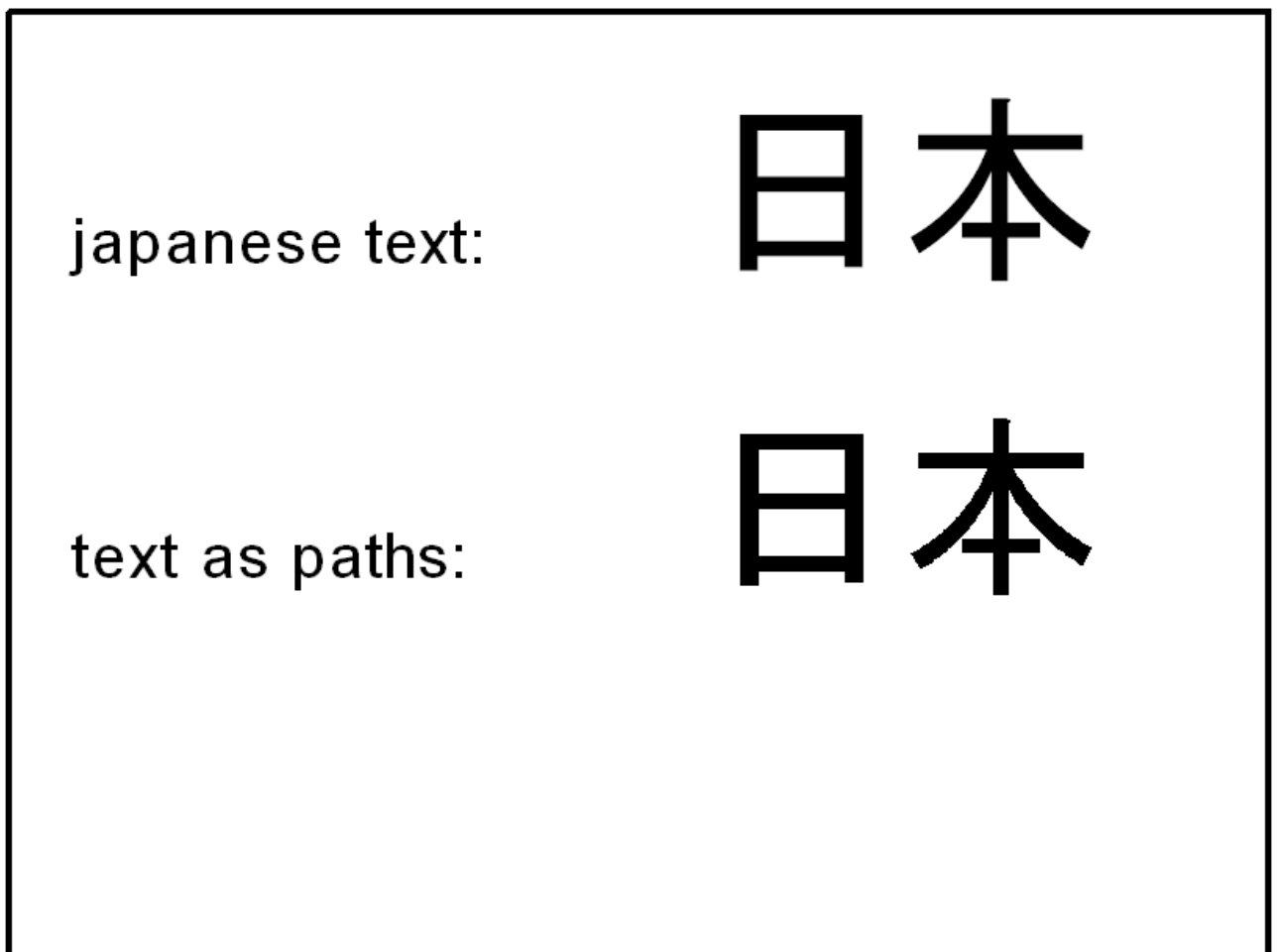
Fig 38, Sheet 2 of 2 utf16-chinese-v20

1.39 utf16-japanese-v10



utf16-japanese-v10-CGM

Fig 39, Sheet 1 of 2 utf16-japanese-v10



utf16-japanese-v10-PNG

Fig 39, Sheet 2 of 2 utf16-japanese-v10

Produced by Docuneering Ltd.

1.40 utf16-sf-apsid-01

Text: 123	456
Details of gobject: ID: 日本 name: none screentip: 日本	Details of gobject: ID: myObj1 name: none linkuri: #id(日本, zoom)

utf16-sf-apsid-01-CGM

Fig 40, Sheet 1 of 2 utf16-sf-apsid-01

123

utf16-sf-apsid-01-PNG

Fig 40, Sheet 2 of 2 utf16-sf-apsid-01

1.41 utf16-sf-name-01

<p>Text: 123</p> <p>Details of grobject: ID: 日本 name: 鯨 screentip: 日本</p>	<p>456</p> <p>Details of grobject: ID: myObj1 name: 鯨 linkuri: #name (鯨, zoom)</p>
---	--

utf16-sf-name-01-CGM

Fig 41, Sheet 1 of 2 utf16-sf-name-01

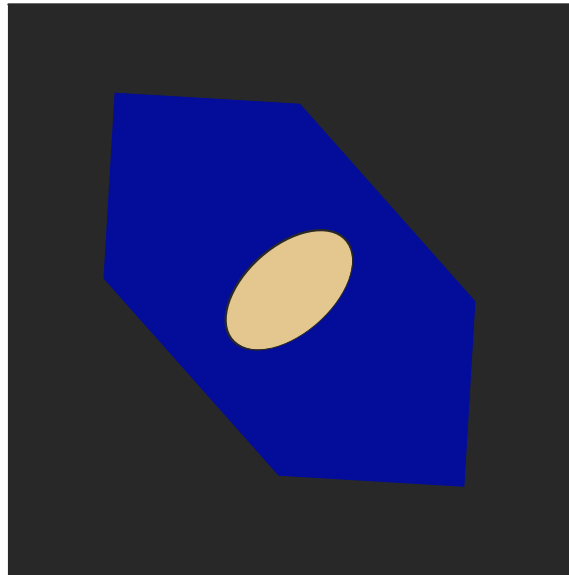
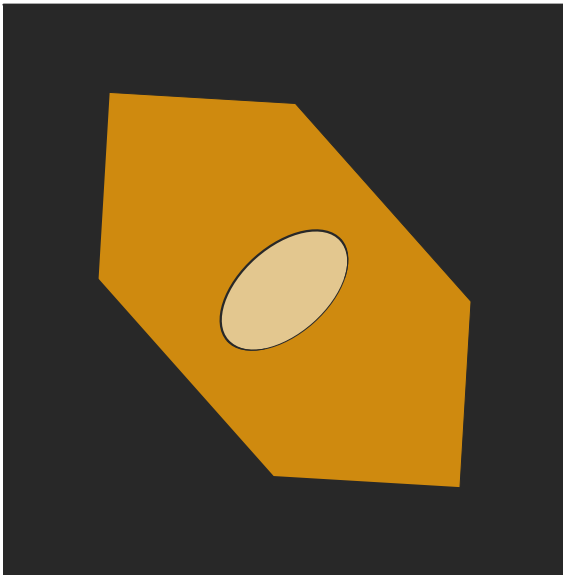
123 日本 鯨 — .	456 Details of g ID: name:
--	--

utf16-sf-name-01-PNG

Fig 41, Sheet 2 of 2 utf16-sf-name-01

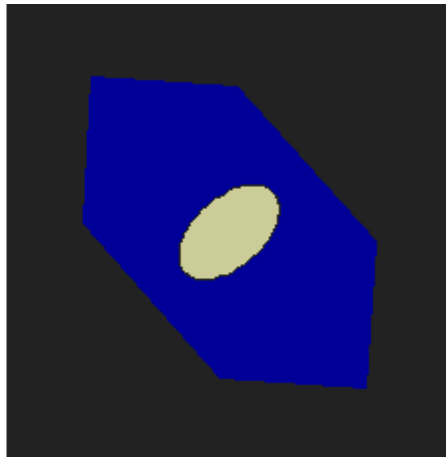
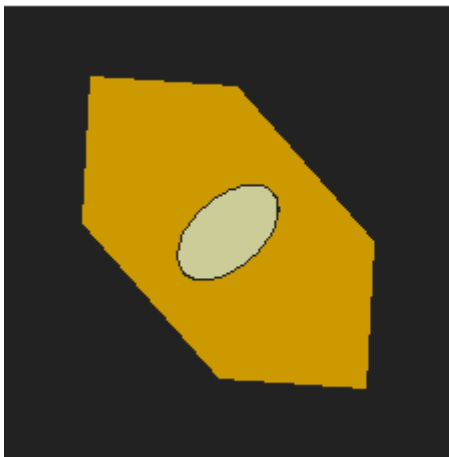
Produced by Docuneering Ltd.

1.42 WebCGM_Event



WebCGM_Event-CGM

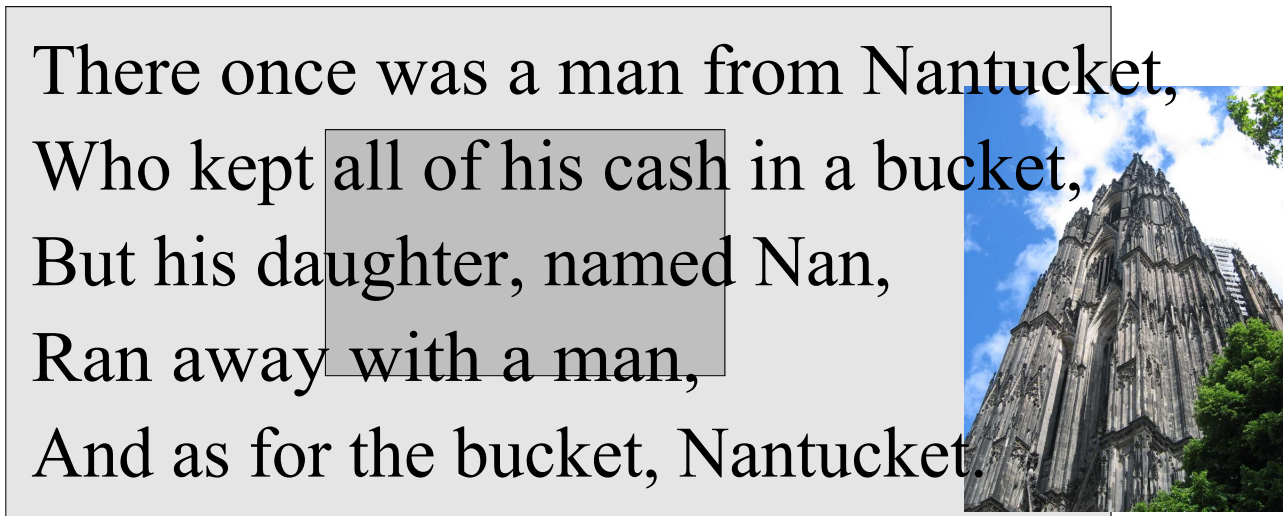
Fig 42, Sheet 1 of 2 WebCGM_Event



WebCGM_Event-PNG

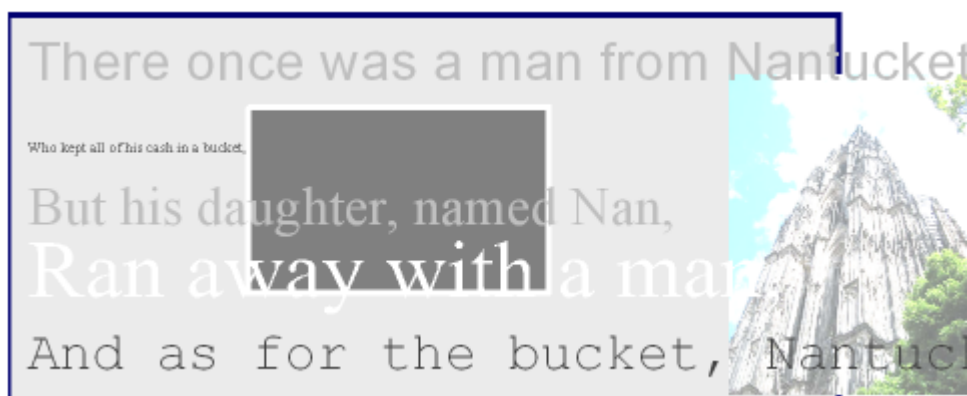
Fig 42, Sheet 2 of 2 WebCGM_Event

1.43 xcf-styles



xcf-styles-CGM

Fig 43, Sheet 1 of 2 xcf-styles



xcf-styles-PNG

Fig 43, Sheet 2 of 2 xcf-styles

Intentionally left blank.

WebCGM 2.1 Test Suite

WebCGM10 - CGM v4

Table of contents

		Page
	WebCGM10 - CGM v4	1
	References	1
	Description	1
1	WebCGM10 - CGM v4	1
1.1	behavior-objHighlight-BE-05	2
1.2	behavior-objHighlightAll-BE-06	3
1.3	behavior-objViewContext-BE-07	4
1.4	behavior-picBlankC2C-BE-01	5
1.5	behavior-picBlankC2H-BE-03	7
1.6	behavior-picReplaceC2C-BE-02	9
1.7	behavior-picTargetC2H-BE-04	11
1.8	fragment-fiveForms-BE-03	13
1.9	fragment-idC2H-BE-01	15
1.10	interact-pick-BE-01	18
1.11	interact-pickRegion-BE-02	19
1.12	interact-screenTip-BE-03	20
1.13	linking-anyURI-BE-07	21
1.14	linking-basicC2C-BE-03	24
1.15	linking-basicC2H-BE-02	26
1.16	linking-basicC2P-BE-04	28
1.17	linking-basicH2C-BE-01	30
1.18	linking-multiLink-BE-08	33
1.19	linking-selectId-BE-05	35
1.20	linking-selectName-BE-06	37
1.21	otherAPS-para-BE-01	39
1.22	otherAPS-para-BE-02	42

References

Table 1 References

Data module / Technical publication	Title
None	

Description

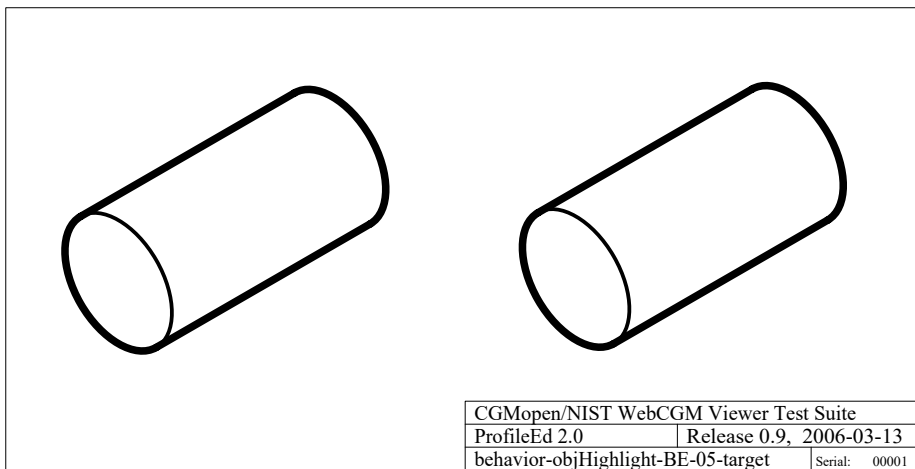
1 WebCGM10 - CGM v4

WebCGM10 - CGM v4 TEST illustrations follow:

Applicable to: All

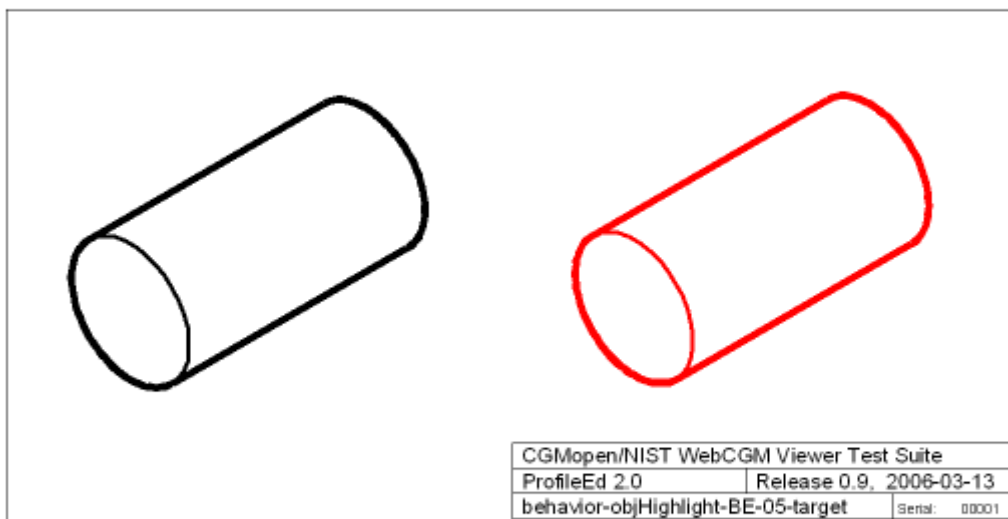
TEST41-A-00-00-00-02A-040A-A

1.1 behavior-objHighlight-BE-05



behavior-objHighlight-BE-05-target-CGM

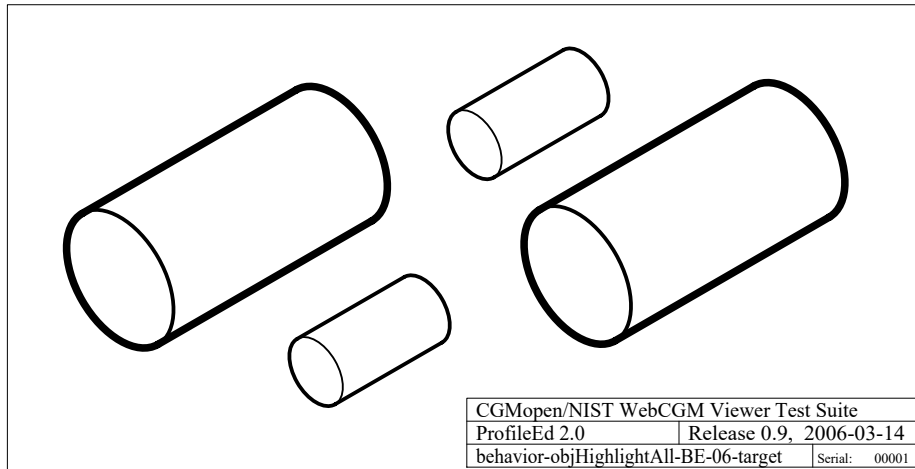
Fig 1, Sheet 1 of 2 behavior-objHighlight-BE-05



behavior-objHighlight-BE-05-PNG

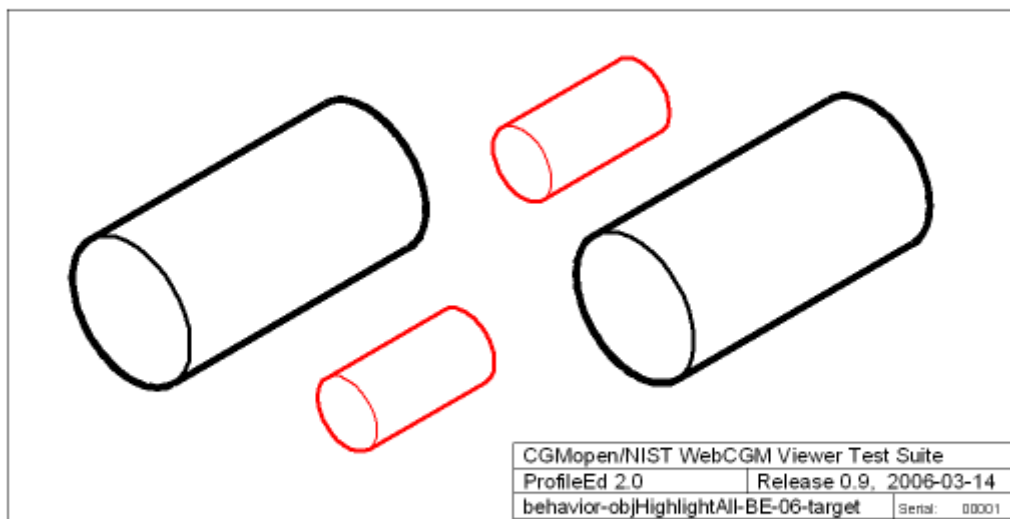
Fig 1, Sheet 2 of 2 behavior-objHighlight-BE-05

1.2 behavior-objHighlightAll-BE-06



behavior-objHighlightAll-BE-06-target-CGM

Fig 2, Sheet 1 of 2 behavior-objHighlightAll-BE-06

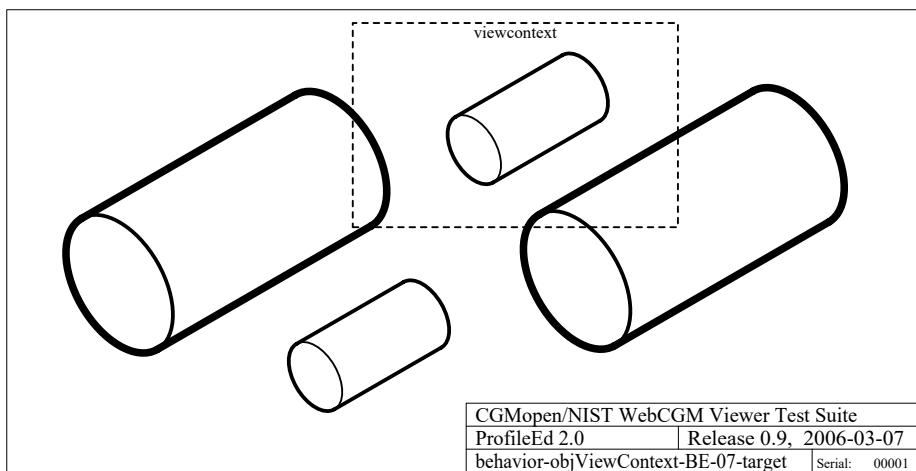


behavior-objHighlightAll-BE-06-PNG

Fig 2, Sheet 2 of 2 behavior-objHighlightAll-BE-06

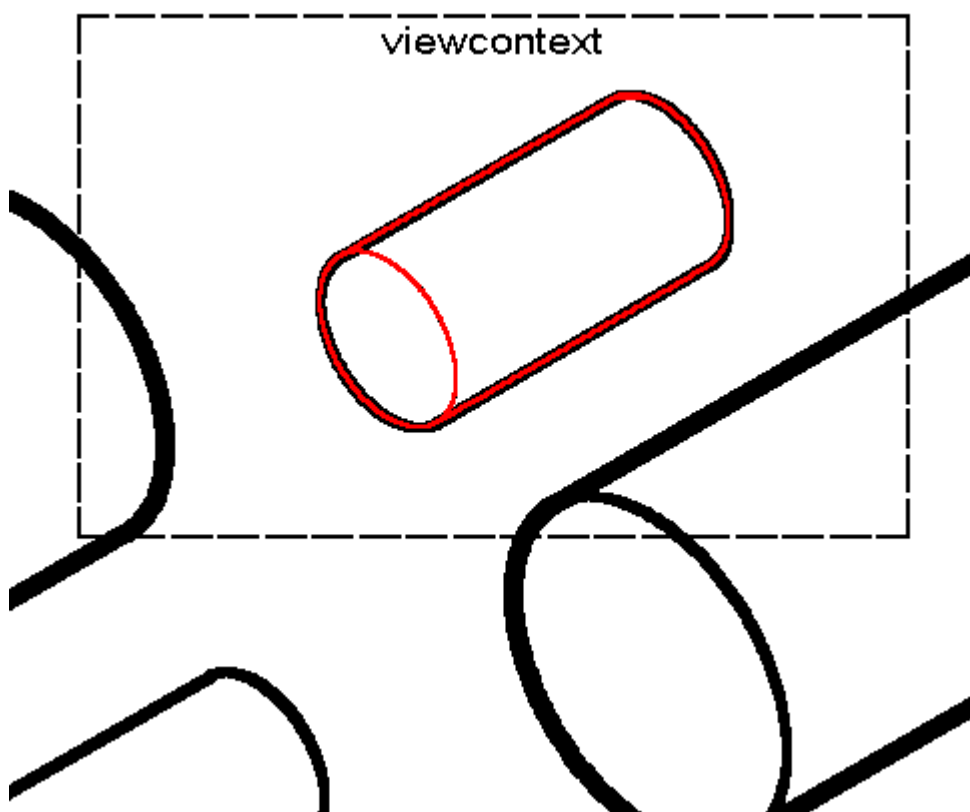
Produced by Docuneering Ltd.

1.3 behavior-objViewContext-BE-07



behavior-objViewContext-BE-07-target-CGM

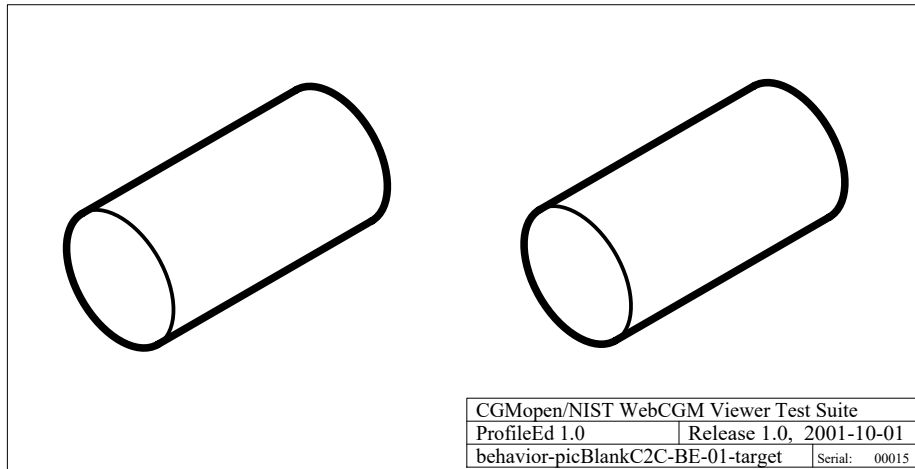
Fig 3, Sheet 1 of 2 behavior-objViewContext-BE-07



behavior-objViewContext-BE-07-PNG

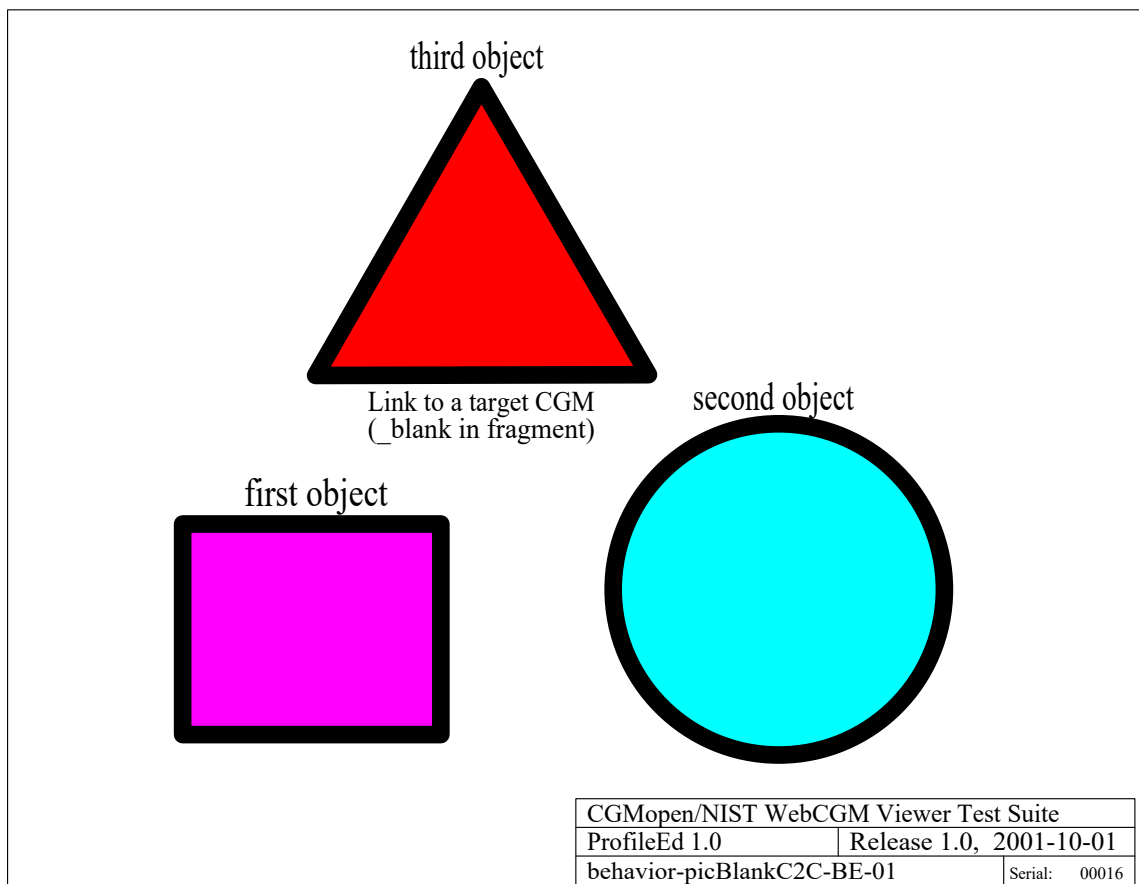
Fig 3, Sheet 2 of 2 behavior-objViewContext-BE-07

1.4 behavior-picBlankC2C-BE-01



behavior-picBlankC2C-BE-01-target-CGM

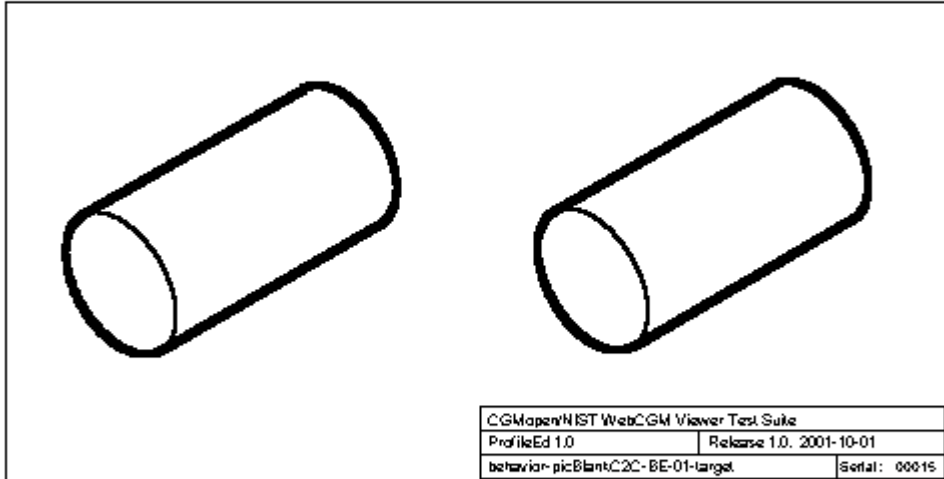
Fig 4, Sheet 1 of 3 behavior-picBlankC2C-BE-01



behavior-picBlankC2C-BE-01-CGM

Fig 4, Sheet 2 of 3 behavior-picBlankC2C-BE-01

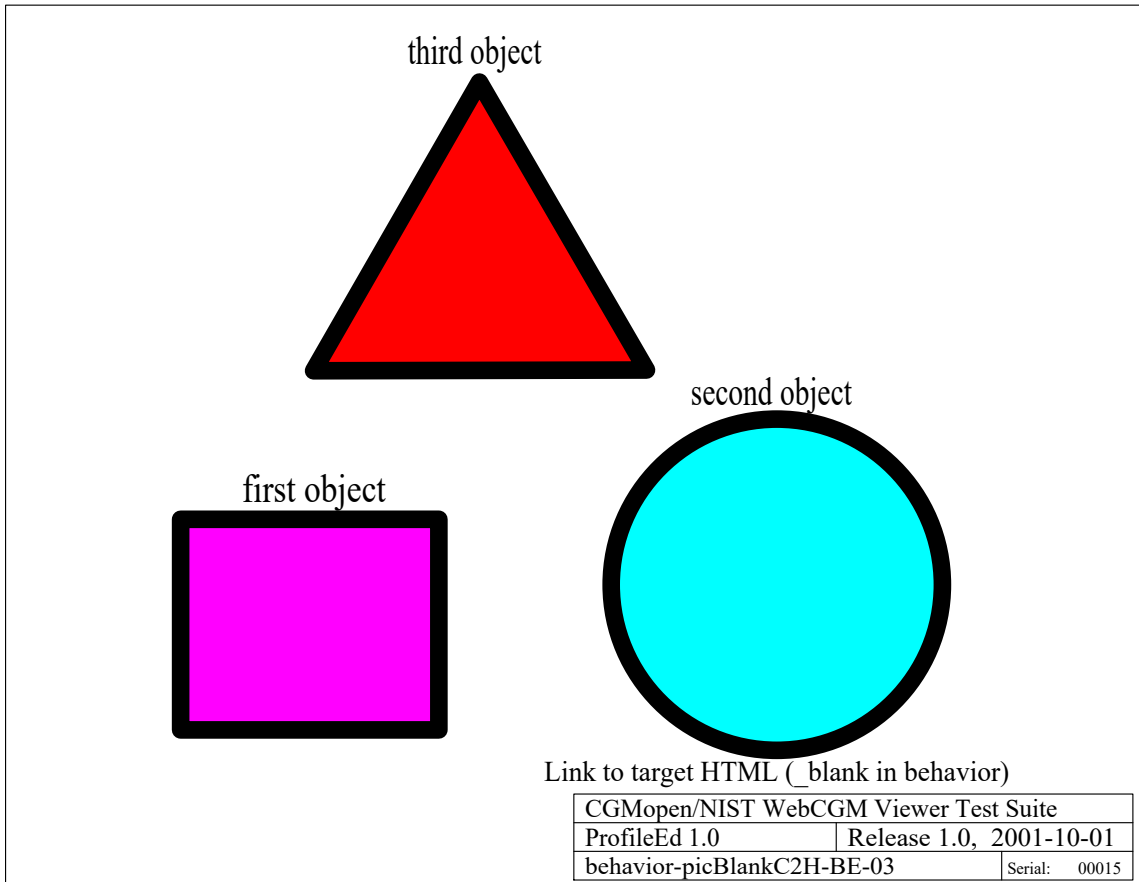
Produced by Docuneering Ltd.



behavior-picBlankC2C-BE-01-PNG

Fig 4, Sheet 3 of 3 behavior-picBlankC2C-BE-01

1.5 behavior-picBlankC2H-BE-03



behavior-picBlankC2H-BE-03-CGM

Fig 5, Sheet 1 of 2 behavior-picBlankC2H-BE-03

Produced by Docuneering Ltd.

3.1.2.2 Picture Behaviors

Picture behaviors describe to the viewer how to display the picture, which is the target of a hyperlink. Picture behaviors are based on the syntax and semantics of "Frame Target Names" defined in the HTML 4.0 Specification.

The reserved names listed below describe the various picture behaviors. All other Picture Behavior values shall be valid Frame Target Names as described in the HTML 4.0 specification. Frame Target Names must begin with an alphabetic character (a-zA-Z).

In what follows, the following conventions apply:

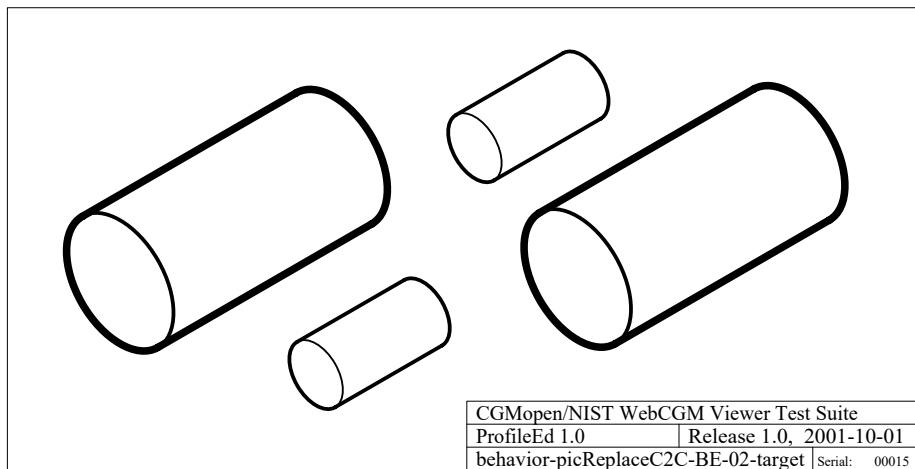
- "viewer" refers collectively to a browser and/or a CGM viewer (e.g., plugin). The logical result is described, not the method of achieving the result (which in general will require action by browser or viewer or both.)
- "content" refers to either source or destination or a link, and is either a picture (CGM) or a document (HTML), depending upon the formulation of the particular link.

The following Picture Behavior values, except for `_replace`, are defined per HTML 4.0:

behavior-picBlankC2H-BE-03-PNG

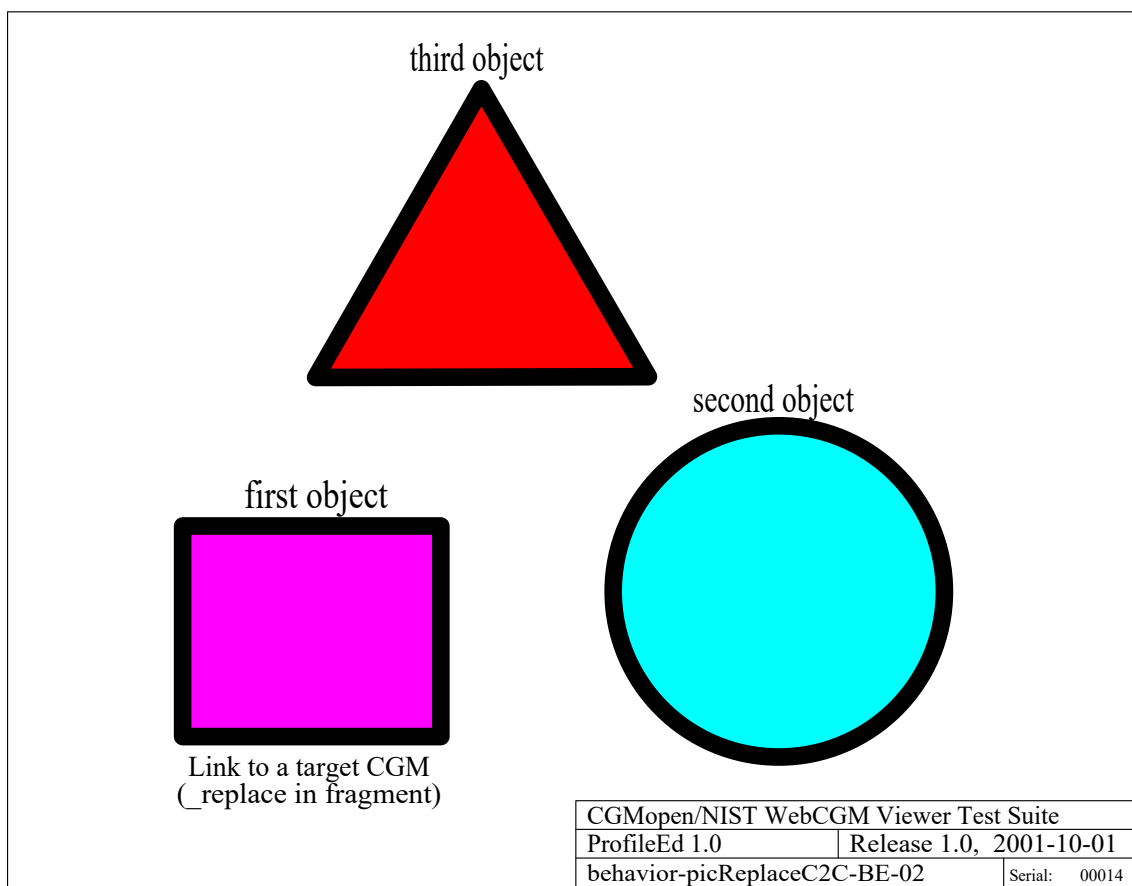
Fig 5, Sheet 2 of 2 behavior-picBlankC2H-BE-03

1.6 behavior-picReplaceC2C-BE-02



behavior-picReplaceC2C-BE-02-target-CGM

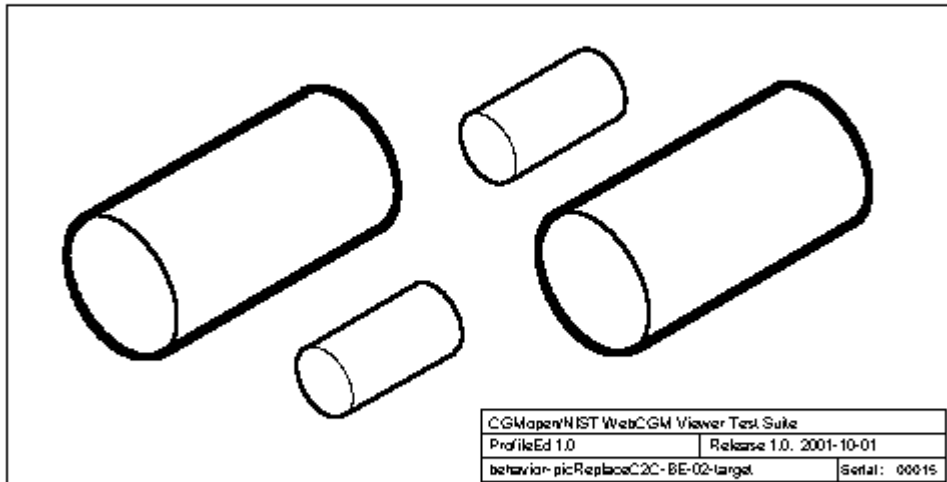
Fig 6, Sheet 1 of 3 behavior-picReplaceC2C-BE-02



behavior-picReplaceC2C-BE-02-CGM

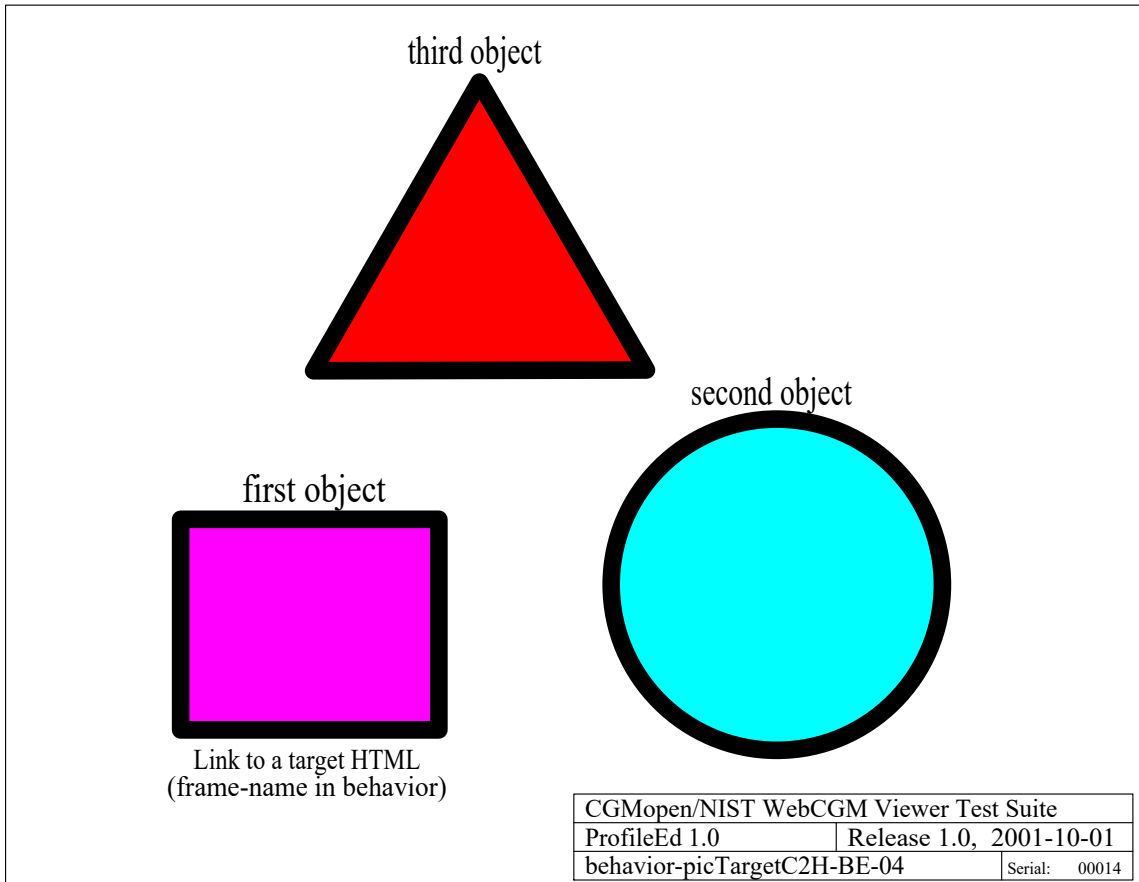
Fig 6, Sheet 2 of 3 behavior-picReplaceC2C-BE-02

Produced by Docuneering Ltd.



behavior-picReplaceC2C-BE-02-PNG
Fig 6, Sheet 3 of 3 behavior-picReplaceC2C-BE-02

1.7 behavior-picTargetC2H-BE-04



behavior-picTargetC2H-BE-04-CGM

Fig 7, Sheet 1 of 2 behavior-picTargetC2H-BE-04

3.1.2.2 Picture Behaviors

Picture behaviors describe to the viewer how to display the picture, which is the target of a hyperlink. Picture behaviors are based on the syntax and semantics of "Frame Target Names" defined in the HTML 4.0 Specification.

The reserved names listed below describe the various picture behaviors. All other Picture Behavior values shall be valid Frame Target Names as described in the HTML 4.0 specification. Frame Target Names must begin with an alphabetic character (a-zA-Z).

-- PNG Reference --

In what follows, the following conventions apply:

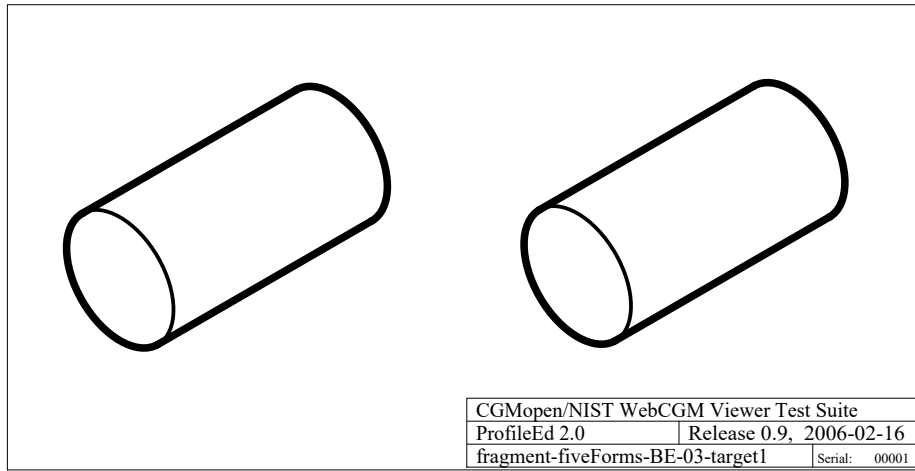
- "viewer" refers collectively to a browser and/or a CGM viewer (e.g., plugin). The logical result is described, not the method of achieving the result (which in general will require action by browser or viewer or both.)
- "content" refers to either source or destination or a link, and is either a picture (CGM) or a document (HTML), depending upon the formulation of the particular link.

The following Picture Behavior values, except for `_replace`, are defined per HTML 4.0:

behavior-picTargetC2H-BE-04-PNG

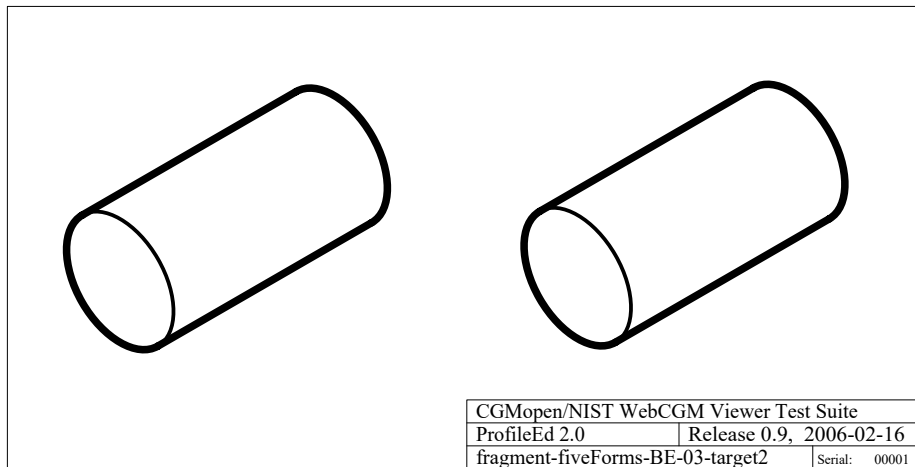
Fig 7, Sheet 2 of 2 behavior-picTargetC2H-BE-04

1.8 fragment-fiveForms-BE-03



fragment-fiveForms-BE-03-target1-CGM

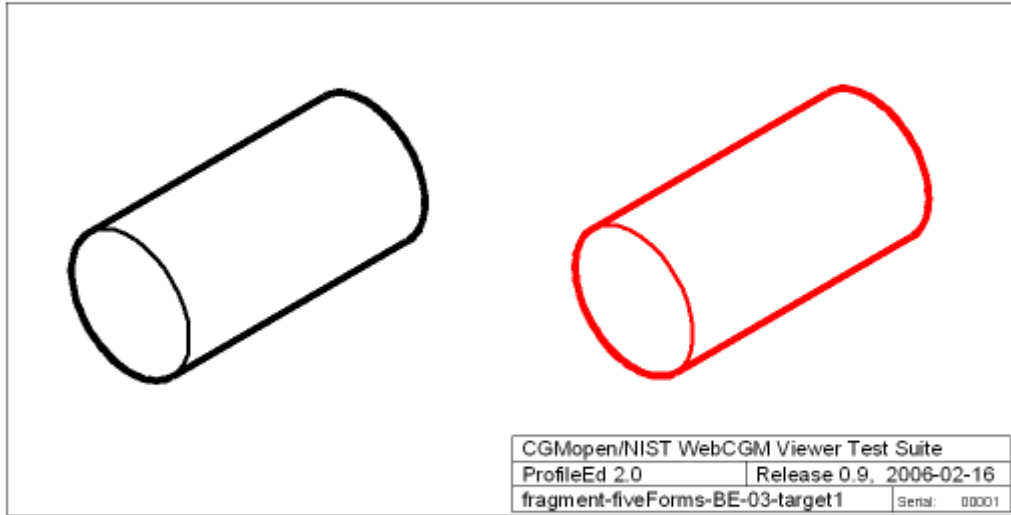
Fig 8, Sheet 1 of 3 fragment-fiveForms-BE-03



fragment-fiveForms-BE-03-target2-CGM

Fig 8, Sheet 2 of 3 fragment-fiveForms-BE-03

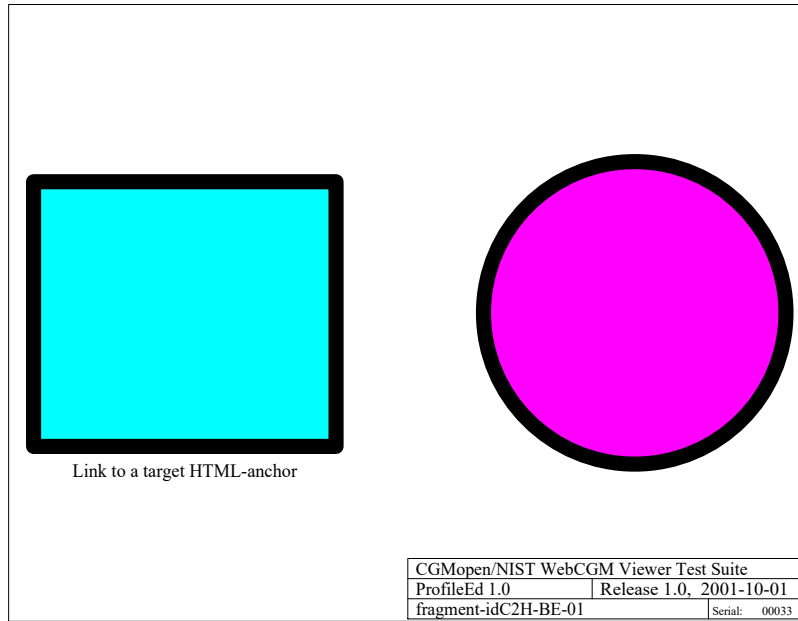
Produced by Docuneering Ltd.



fragment-fiveForms-BE-03-PNG

Fig 8, Sheet 3 of 3 *fragment-fiveForms-BE-03*

1.9 fragment-idC2H-BE-01



fragment-idC2H-BE-01-CGM

Fig 9, Sheet 1 of 3 fragment-idC2H-BE-01

Here's the anchor (followed by a table).
 [Caveat: this text is old WebCGM 1.0 text (test should be updated).]

Picture behaviors and different source-to-destination data types.

Behavior	CGM-to-HTML	CGM-to-CGM
_blank	The viewer shall load the designated document in a new, unnamed window.	The viewer shall load the designated picture in a new, unnamed window.
_self	The viewer shall load the document in the same frame as the one containing the CGM picture that refers to this target. This is the default for CGM-to-HTML links.	The viewer shall load the picture in the same frame as the one containing the CGM picture that refers to this target.
_parent	The viewer shall load the document into the immediate FRAMESET parent of the current frame in which the current picture is displayed. This value is equivalent to _self if the current frame has no parent.	The viewer shall load the picture into the immediate FRAMESET parent of the current frame in which the current picture is displayed. This value is equivalent to "_self" if the current frame has no parent.
_replace	Not applicable. Default to _self.	The viewer shall display the designated CGM picture in the same rectangular area in the same frame as the picture which refers to this target. If the ending resource (CGM) is the same as the linking resource, the viewer does not reload the resource. This is the default behavior for CGM-to-CGM links.

fragment-idC2H-BE-01-PNG

Fig 9, Sheet 2 of 3 fragment-idC2H-BE-01

The viewer shall load the content into the full, original window (thus canceling all other frames). This value is equivalent to `_self` if the current frame has no parent.

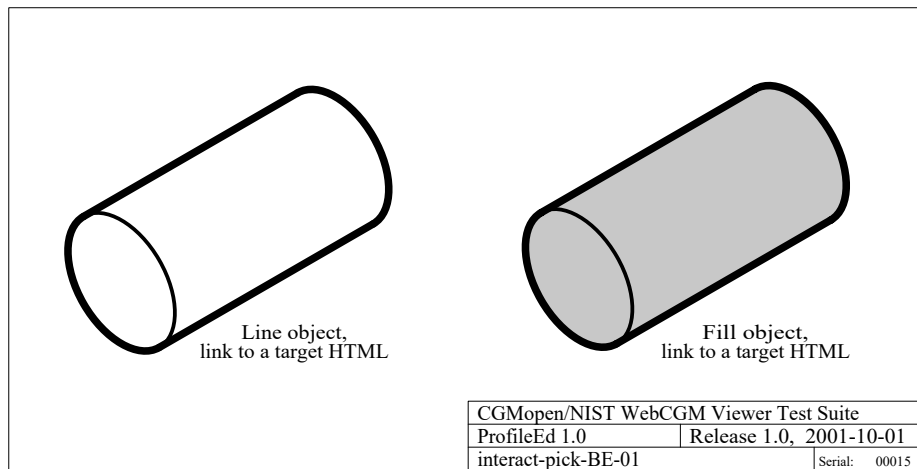
If the picture behavior value is any valid name string other than the above reserved names, (it begins with an alphabetic character (a-zA-Z)), remove the existing content (picture or document) from the frame whose name matches the string and display the specified content in the specified frame. If no frame exists by the specified name, the viewer shall load the designated content (picture or document) in a new window with the specified name.

In the case that a link is HTML to CGM, the picture behavior should not be included in any fragment specification. Rather, the effect should be achieved with HTML TARGET attribute on the link specification in the HTML, per the specifications in the HTML 4.0 Recommendation. CGM viewers shall ignore picture behavior specifications in URI fragments which are part of links from non-CGM content.

The following table summarizes the rules for other link types, CGM-to-HTML and CGM-to-CGM:

fragment-idC2H-BE-01-old-PNG

Fig 9, Sheet 3 of 3 fragment-idC2H-BE-01

1.10 interact-pick-BE-01

interact-pick-BE-01-CGM

*Fig 10, Sheet 1 of 2 interact-pick-BE-01***3.2.1.1 Grobject**

Description. The application structure (APS) of type 'grobject' is used to group graphical primitives in a picture together and assign certain attributes to the group. The object is geometrically identified either by the set of primitives enclosed between the BEGIN APS and END APS elements (if any), or by the spatial region associated with the 'region' APS Attribute (if present). 'Grobject' APSs may contain any CGM graphical content allowed by this profile, and may contain other APS and APS attribute content as defined in section 3.3 (the complete, normative WebCGM content model).

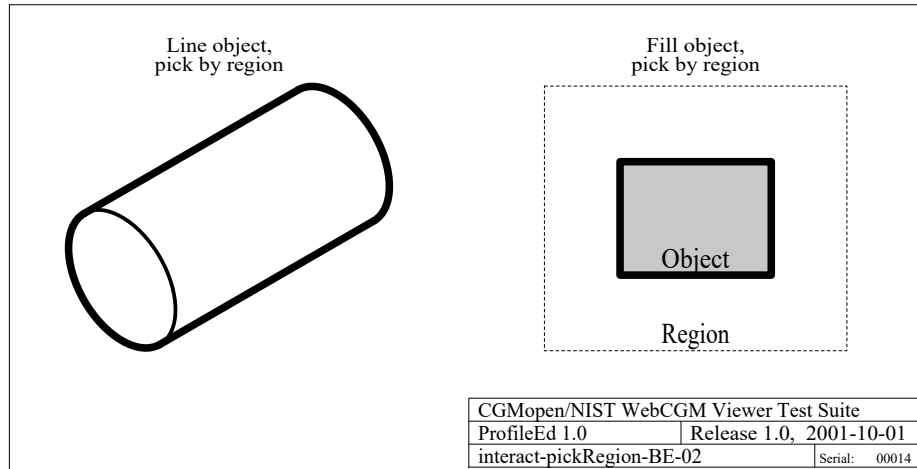
Viewer Behavior. A 'grobject' APS may be selected by the user ("pick"). The viewer shall decide about the pick selection in the following manner:

1. If the object does not contain a 'region' attribute and contains no a LinkURI attributes no further action is required.
2. If the object contains at least one 'LinkURI' attribute but no 'region' attribute, a click on non-transparent areas of the graphical elements of the object selects the object. If the object does not contain any graphical primitives no further action is required. If the object contains more than one LinkURI attribute, the user shall be given a choice of which URI to navigate.

interact-pick-BE-01-PNG

Fig 10, Sheet 2 of 2 interact-pick-BE-01

1.11 interact-pickRegion-BE-02



interact-pickRegion-BE-02-CGM

Fig 11, Sheet 1 of 2 interact-pickRegion-BE-02

3.2.1.1 Grobject

[...]

Viewer Behavior. A 'grobject' APS may be selected by the user ("pick"). The viewer shall decide about the pick selection in the following manner:

1. If the object does not contain a 'region' attribute and contains no a LinkURI attributes no further action is required.
2. If the object contains at least one 'LinkURI' attribute but no 'region' attribute, a click on non-transparent areas of the graphical elements of the object selects the object. If the object does not contain any graphical primitives no further action is required. If the object contains more than one LinkURI attribute, the user shall be given a choice of which URI to navigate.
3. If the object contains a 'region' attribute and contains at least one LinkURI attribute, then the 'region' shall be used for selection. If the object contains more than one LinkURI attribute, the user shall be given a choice of which URI to navigate.
4. If the object contains a 'region' attribute but no LinkURI attributes no further action is required.

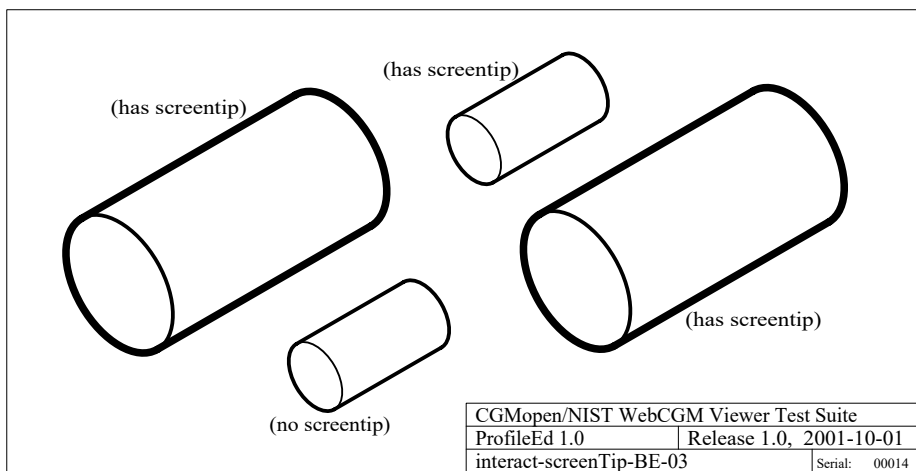
It is possible that a user selection ("pick") of a object in a displayed

interact-pickRegion-BE-02-PNG

Fig 11, Sheet 2 of 2 interact-pickRegion-BE-02

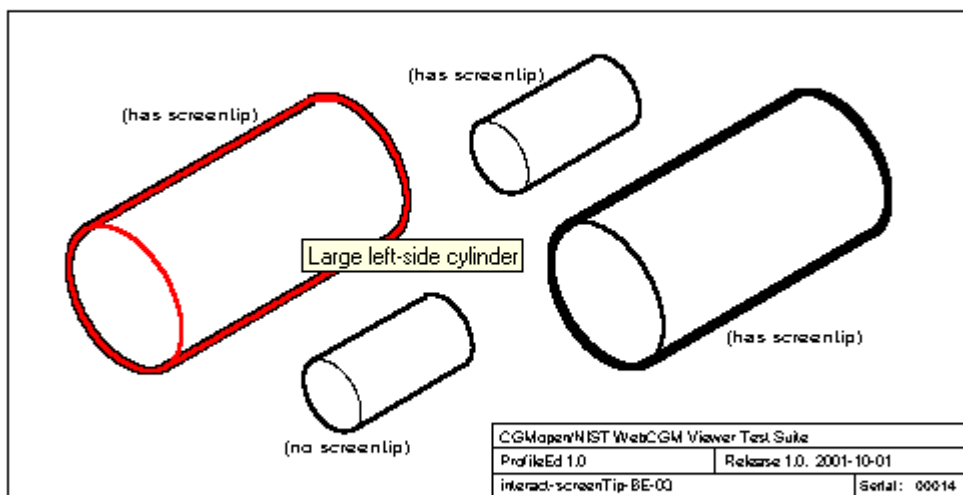
Produced by Docuneering Ltd.

1.12 interact-screenTip-BE-03



interact-screenTip-BE-03-CGM

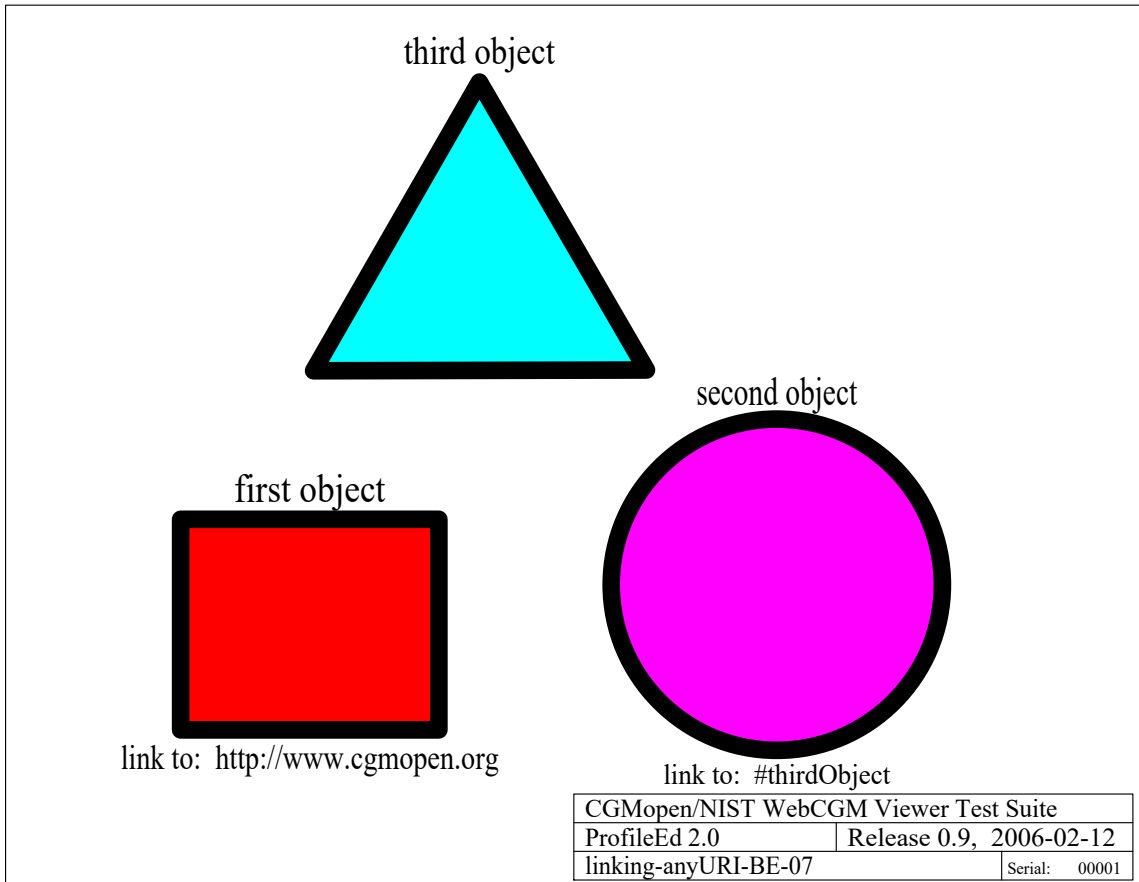
Fig 12, Sheet 1 of 2 interact-screenTip-BE-03



interact-screenTip-BE-03-PNG

Fig 12, Sheet 2 of 2 interact-screenTip-BE-03

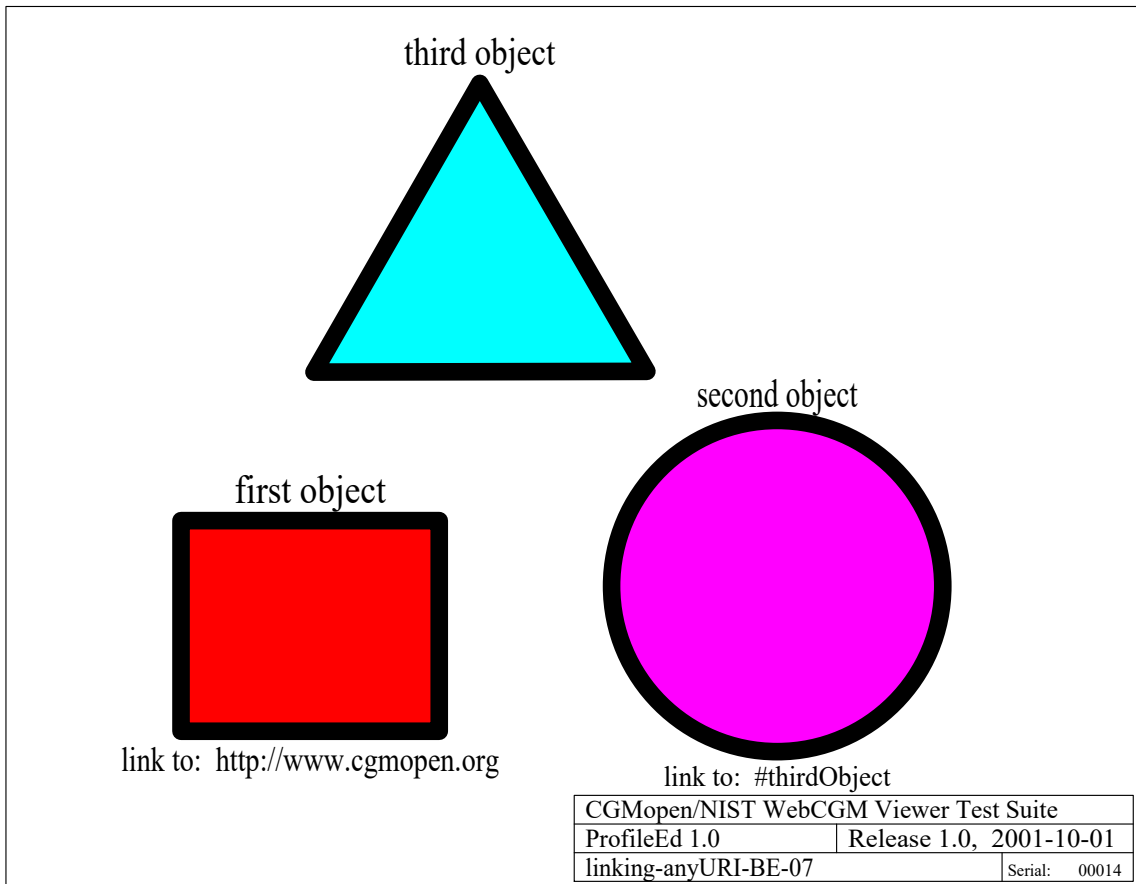
1.13 linking-anyURI-BE-07



linking-anyURI-BE-07-CGM

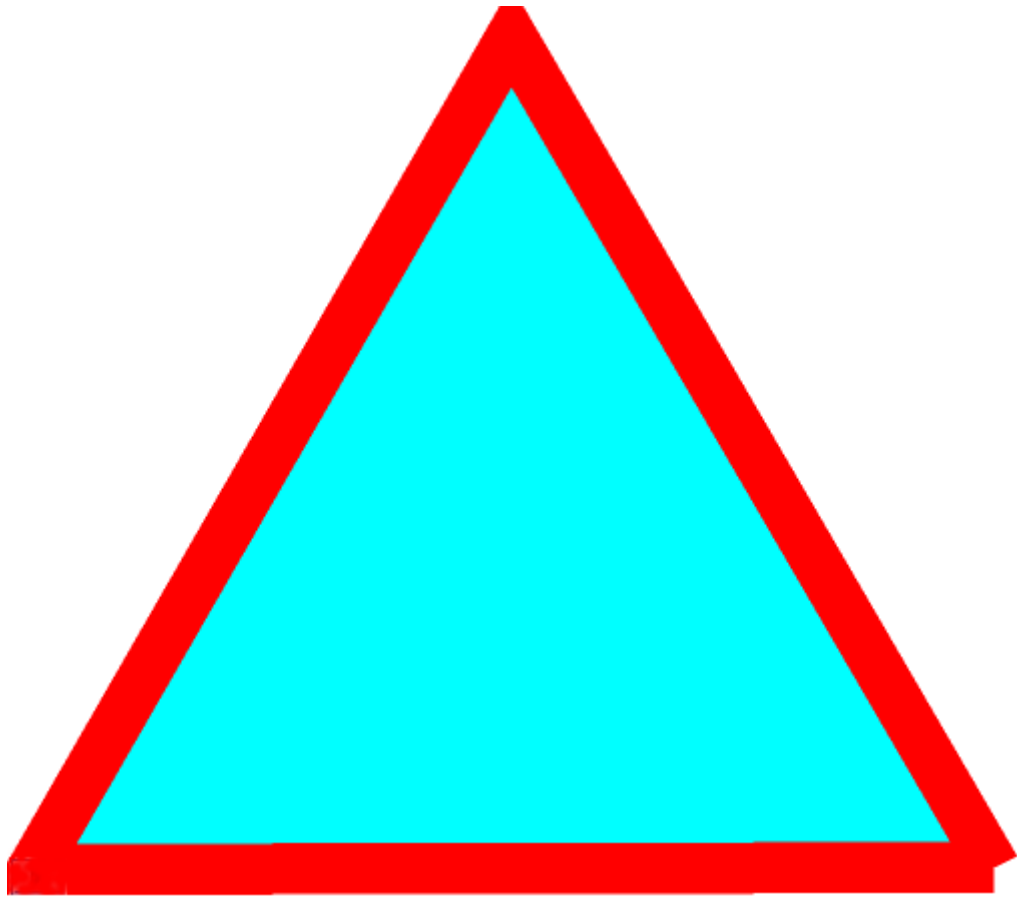
Fig 13, Sheet 1 of 3 linking-anyURI-BE-07

Produced by Docuneering Ltd.



linking-anyURI-BE-07org-CGM

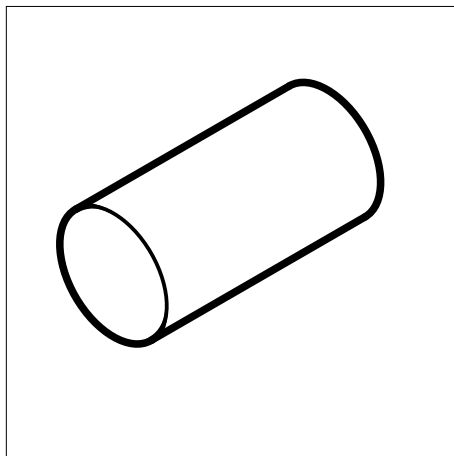
Fig 13, Sheet 2 of 3 linking-anyURI-BE-07



linking-anyURI-BE-07-PNG

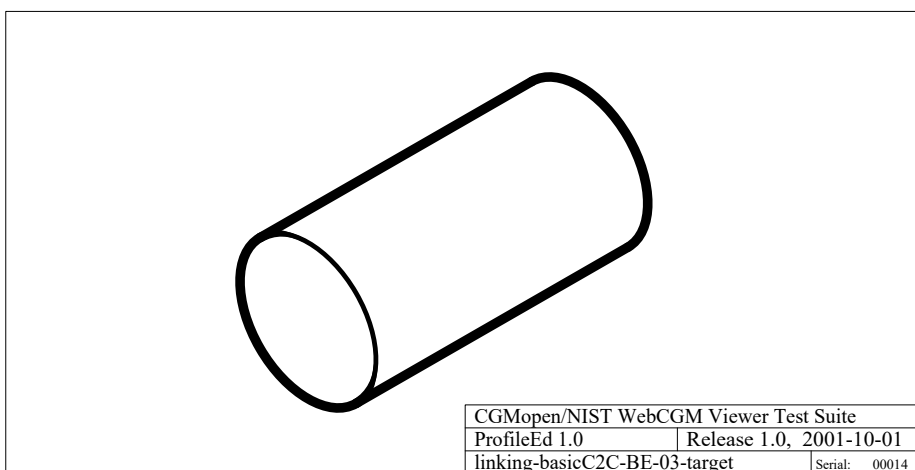
Fig 13, Sheet 3 of 3 linking-anyURI-BE-07

1.14 linking-basicC2C-BE-03



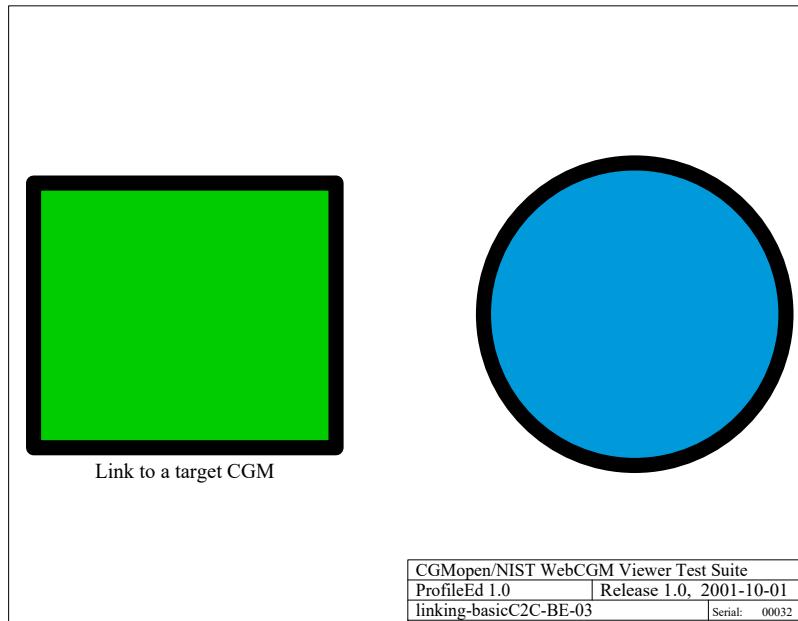
linking-basicC2C-BE-03-target-old-CGM

Fig 14, Sheet 1 of 4 linking-basicC2C-BE-03



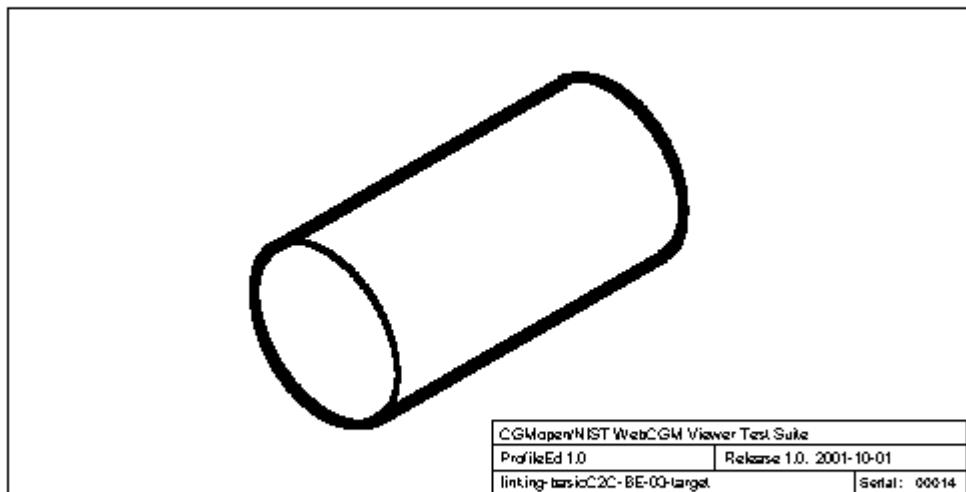
linking-basicC2C-BE-03-target-CGM

Fig 14, Sheet 2 of 4 linking-basicC2C-BE-03



linking-basicC2C-BE-03-CGM

Fig 14, Sheet 3 of 4 linking-basicC2C-BE-03

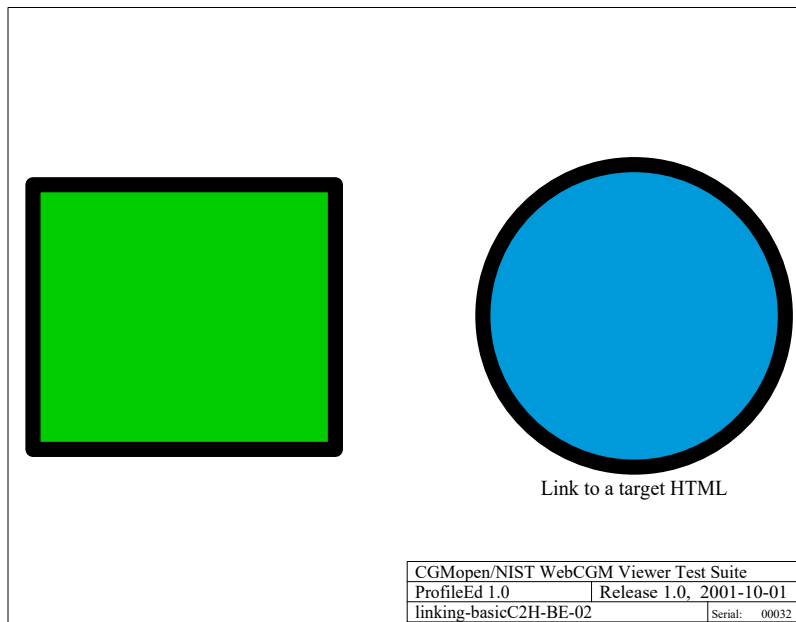


linking-basicC2C-BE-03-PNG

Fig 14, Sheet 4 of 4 linking-basicC2C-BE-03

Produced by Docuneering Ltd.

1.15 linking-basicC2H-BE-02



linking-basicC2H-BE-02-CGM

Fig 15, Sheet 1 of 2 linking-basicC2H-BE-02

3.2.2.3 linkuri

Description. The 'linkuri' APS Attribute defines a URI, to be associated with the object containing this attribute. When the object is selected by a graphical pick operation, then the viewer shall take necessary action to navigate the link. Multiple 'linkuri' attributes may be contained within a single APS.

Parameters. The data record is a SDR of one member, containing three strings (type SF, String Fixed). The first string is the link destination, a URI, the second string (possibly null) is a LinkTitle attribute, and the third string is (possibly null) the Behavior parameter. Note that a null string is a zero-length string, and is not the same as an omitted parameter.

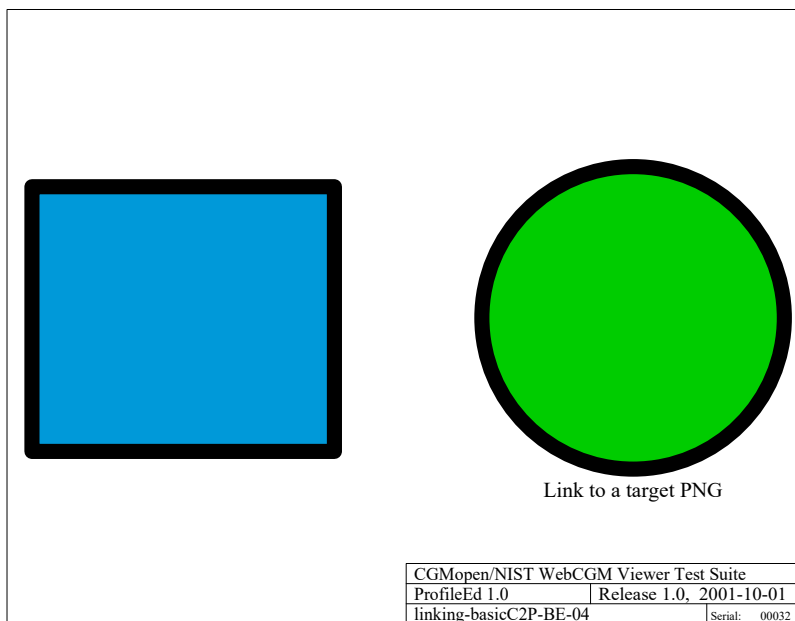
The destination of a link is specified by a Uniform Resource Identifier, or URI. Any valid URL under the specifications of RFC-2396 is a valid value of this parameter. This specification does not constrain the syntax or semantics of a URI in a 'linkuri' that identifies a resource that is not a CGM file (for example, an HTML or XML document).

The Behavior string defines picture behavior associated with the link. The values and meanings are as defined in 3.1.2.2. In cases that the destination is not CGM media type, the 3rd parameter, Behavior, shall be used if

linking-basicC2H-BE-02-PNG

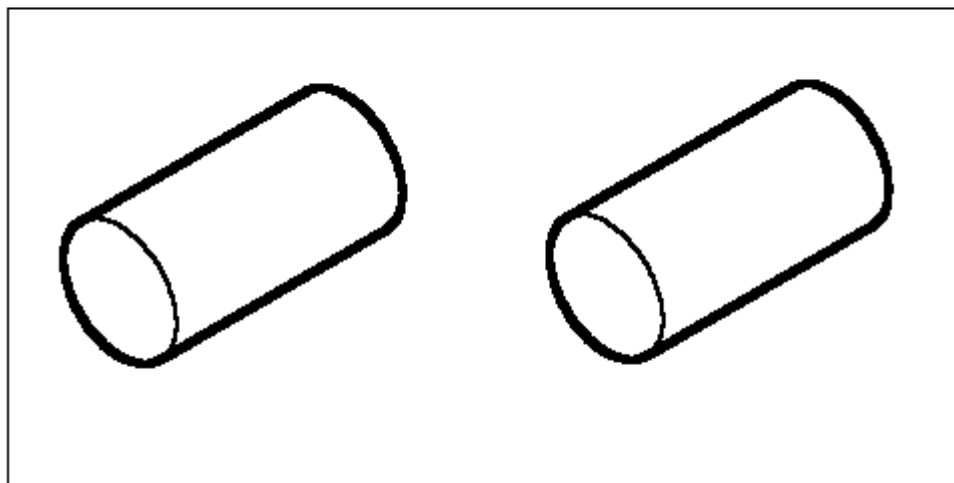
Fig 15, Sheet 2 of 2 linking-basicC2H-BE-02

1.16 linking-basicC2P-BE-04



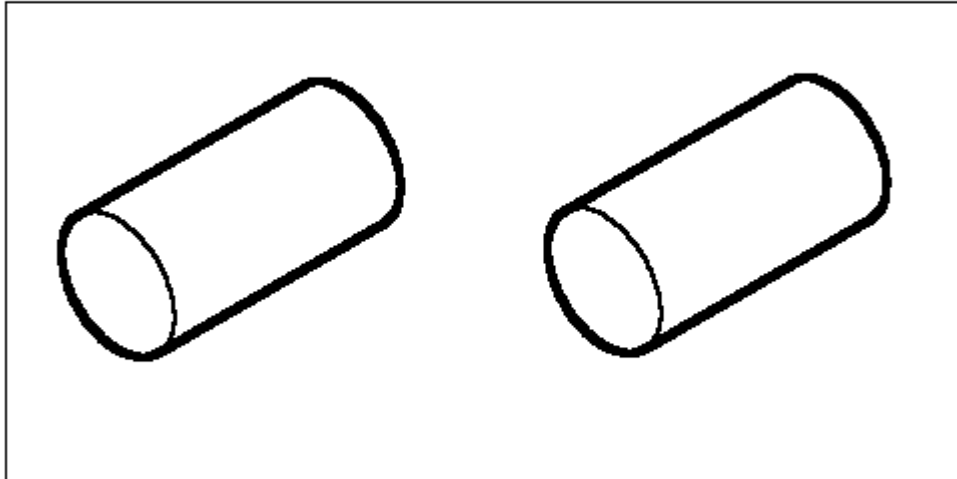
linking-basicC2P-BE-04-CGM

Fig 16, Sheet 1 of 3 linking-basicC2P-BE-04



linking-basicC2P-BE-04-PNG

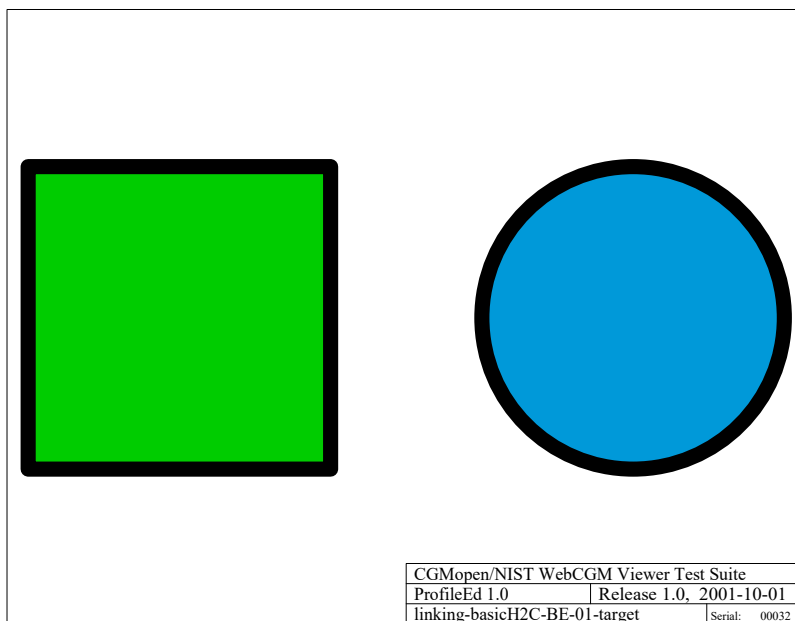
Fig 16, Sheet 2 of 3 linking-basicC2P-BE-04



linking-basicC2P-BE-04-target-PNG

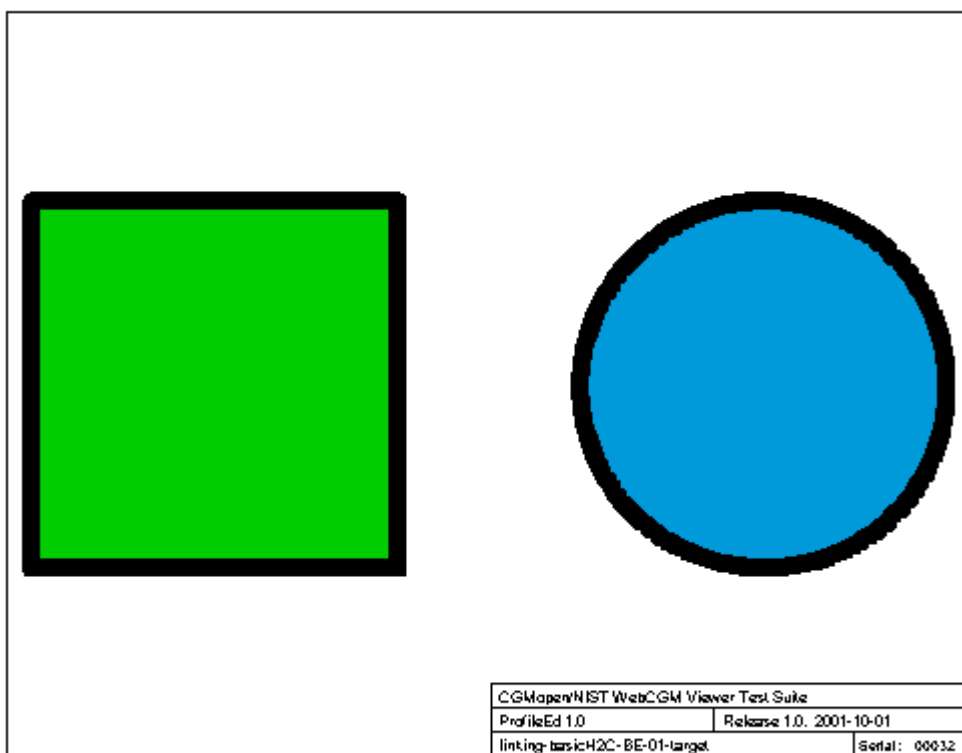
Fig 16, Sheet 3 of 3 linking-basicC2P-BE-04

1.17 linking-basicH2C-BE-01



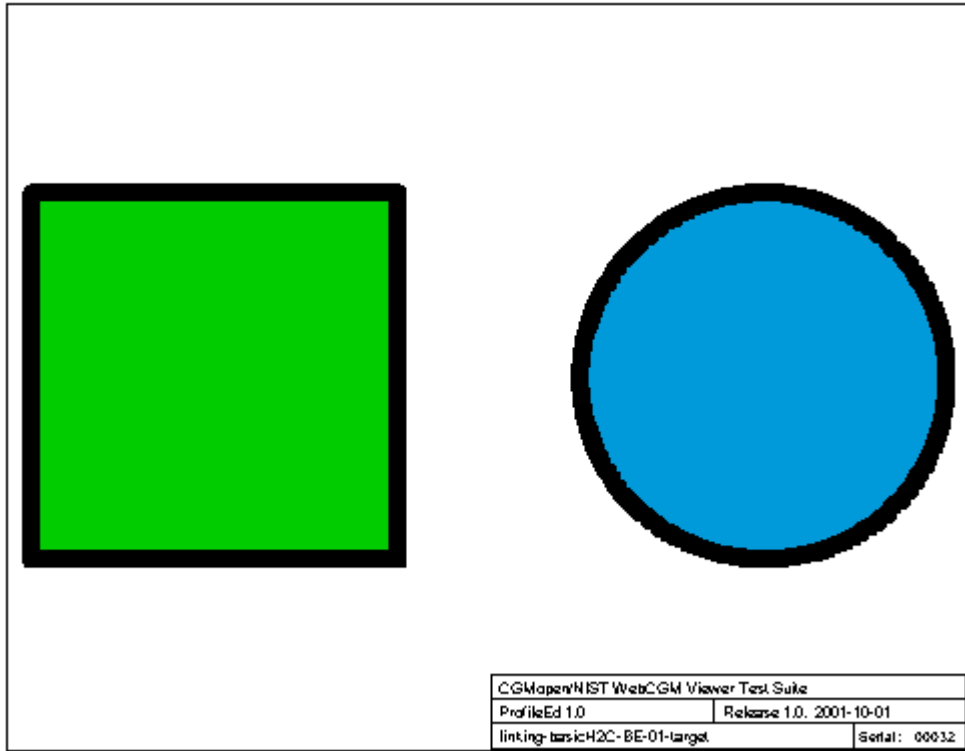
linking-basicH2C-BE-01-target-CGM

Fig 17, Sheet 1 of 4 linking-basicH2C-BE-01



linking-basicH2C-BE-01-PNG

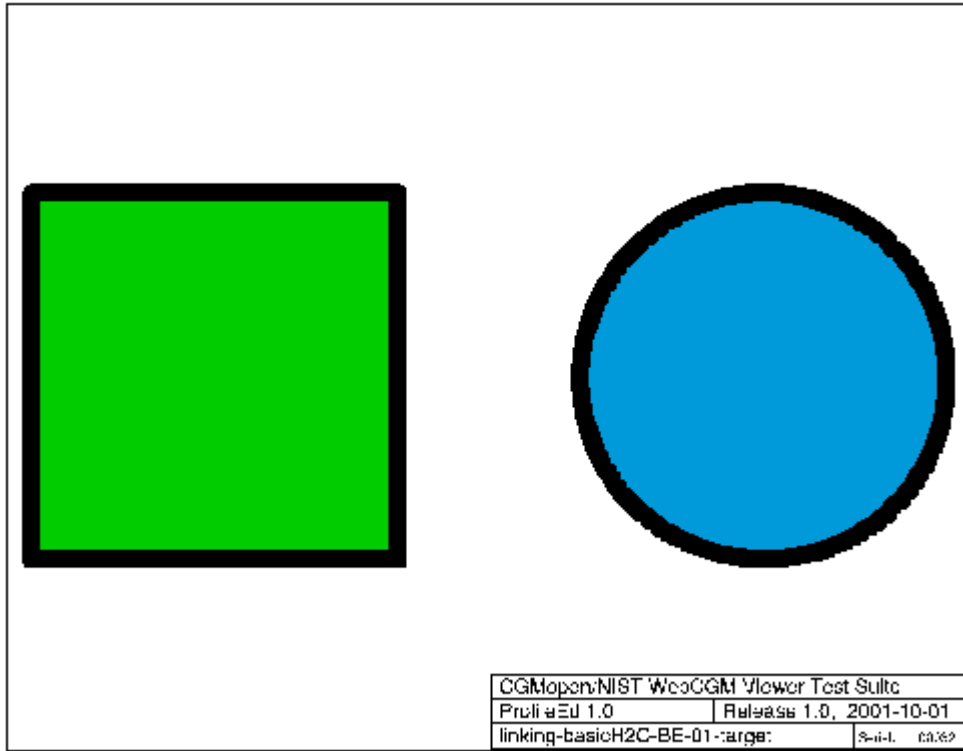
Fig 17, Sheet 2 of 4 linking-basicH2C-BE-01



linking-basicH2C-BE-01-hw-PNG

Fig 17, Sheet 3 of 4 linking-basicH2C-BE-01

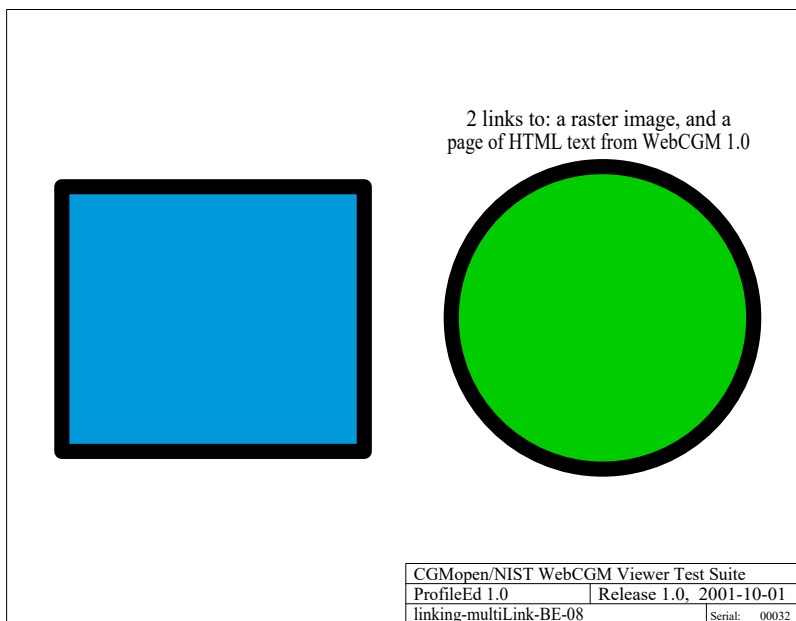
Produced by Docuneering Ltd.



linking-basicH2C-BE-01-sw-PNG

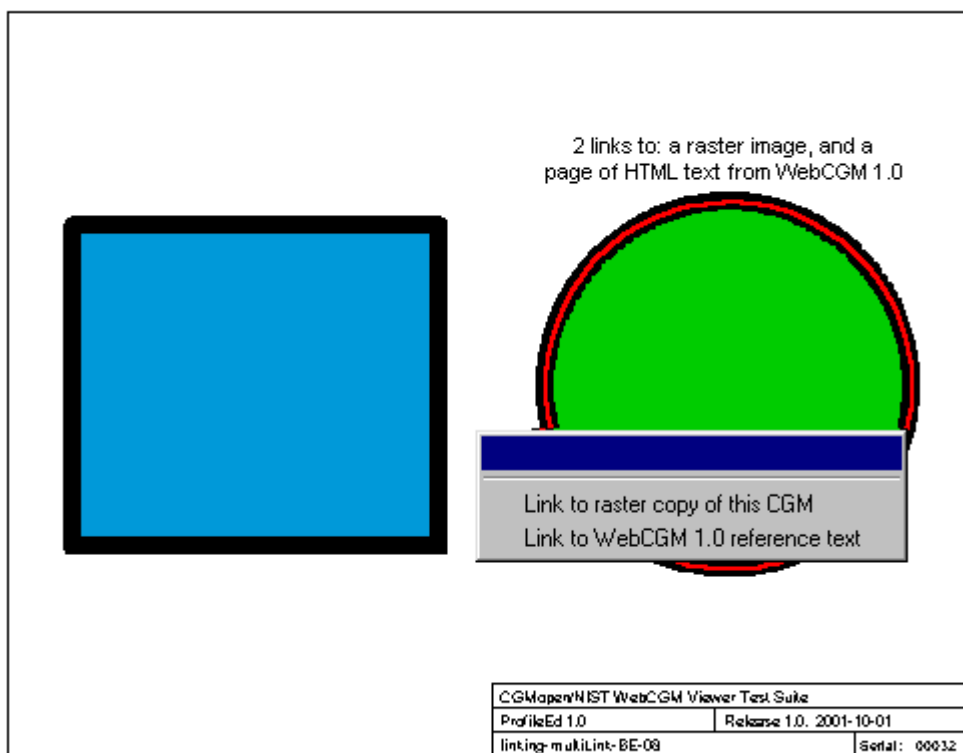
Fig 17, Sheet 4 of 4 linking-basicH2C-BE-01

1.18 linking-multiLink-BE-08



linking-multiLink-BE-08-CGM

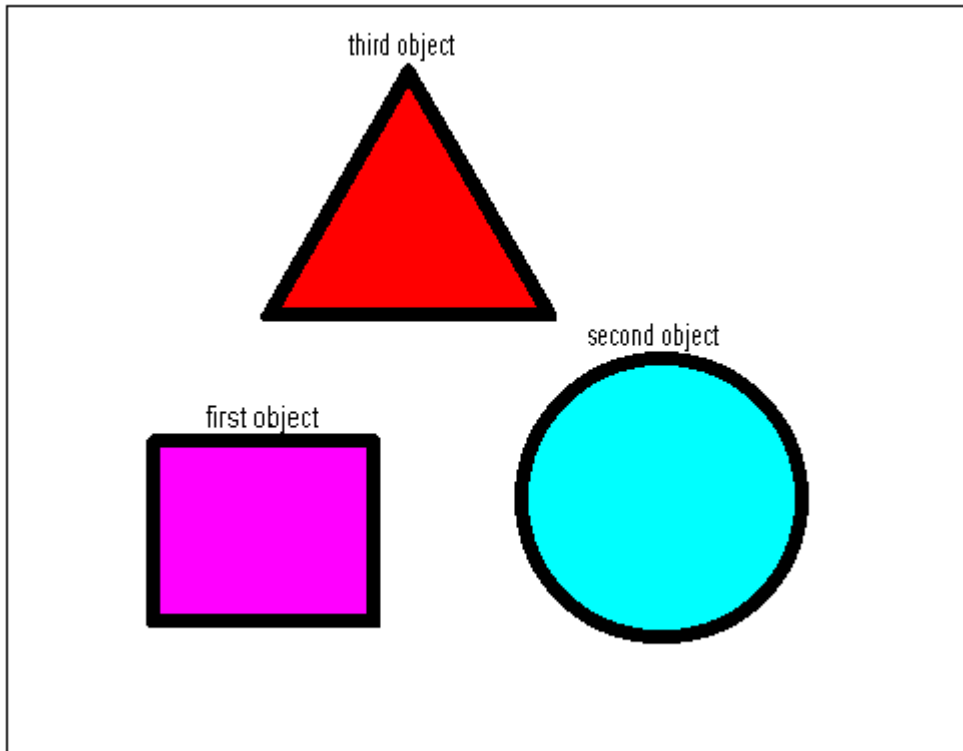
Fig 18, Sheet 1 of 3 linking-multiLink-BE-08



linking-multiLink-BE-08-PNG

Fig 18, Sheet 2 of 3 linking-multiLink-BE-08

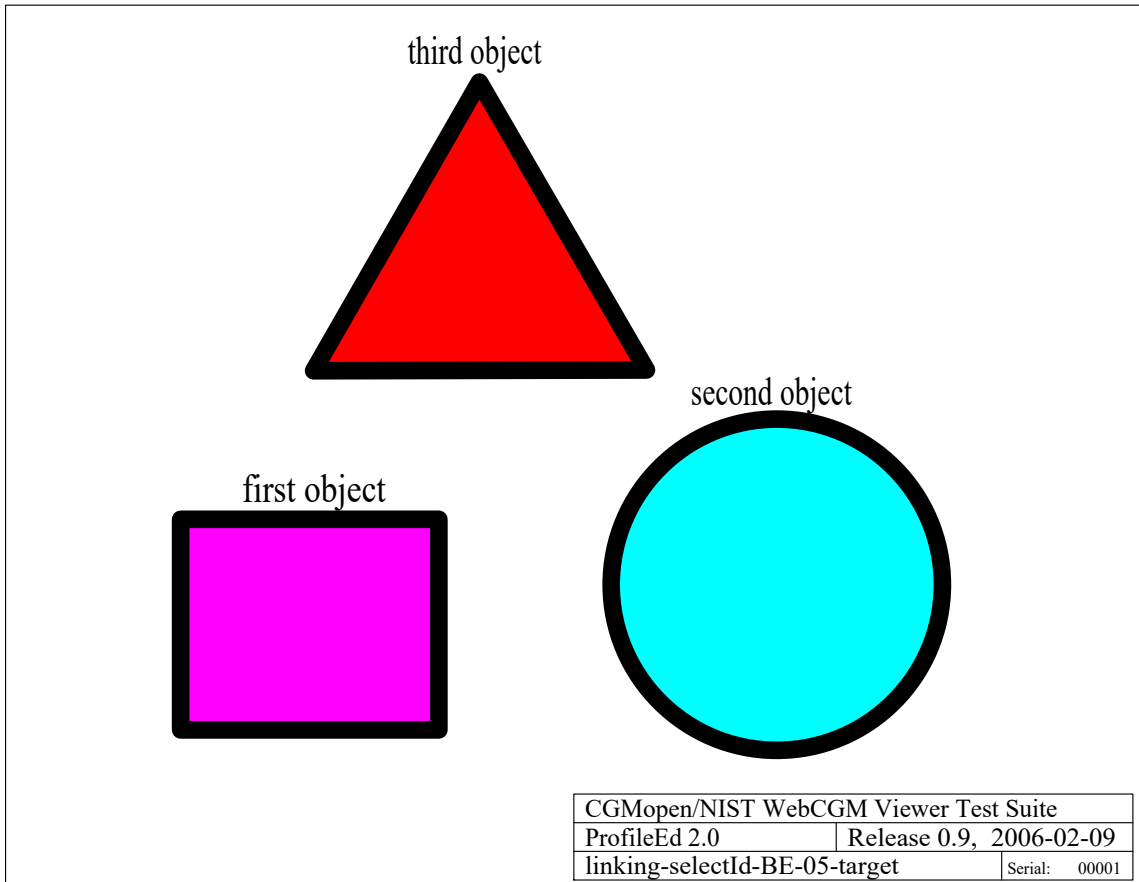
Produced by Docuneering Ltd.



linking-multiLink-BE-08-target-PNG

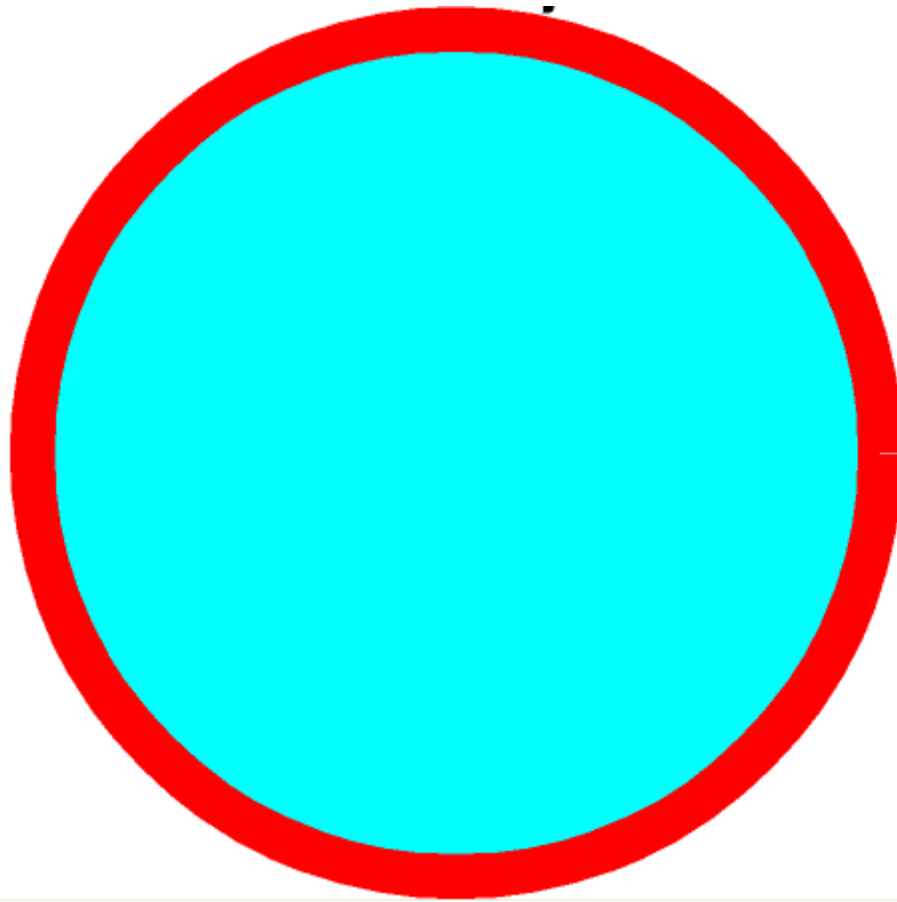
Fig 18, Sheet 3 of 3 linking-multiLink-BE-08

1.19 linking-selectId-BE-05



linking-selectId-BE-05-target-CGM

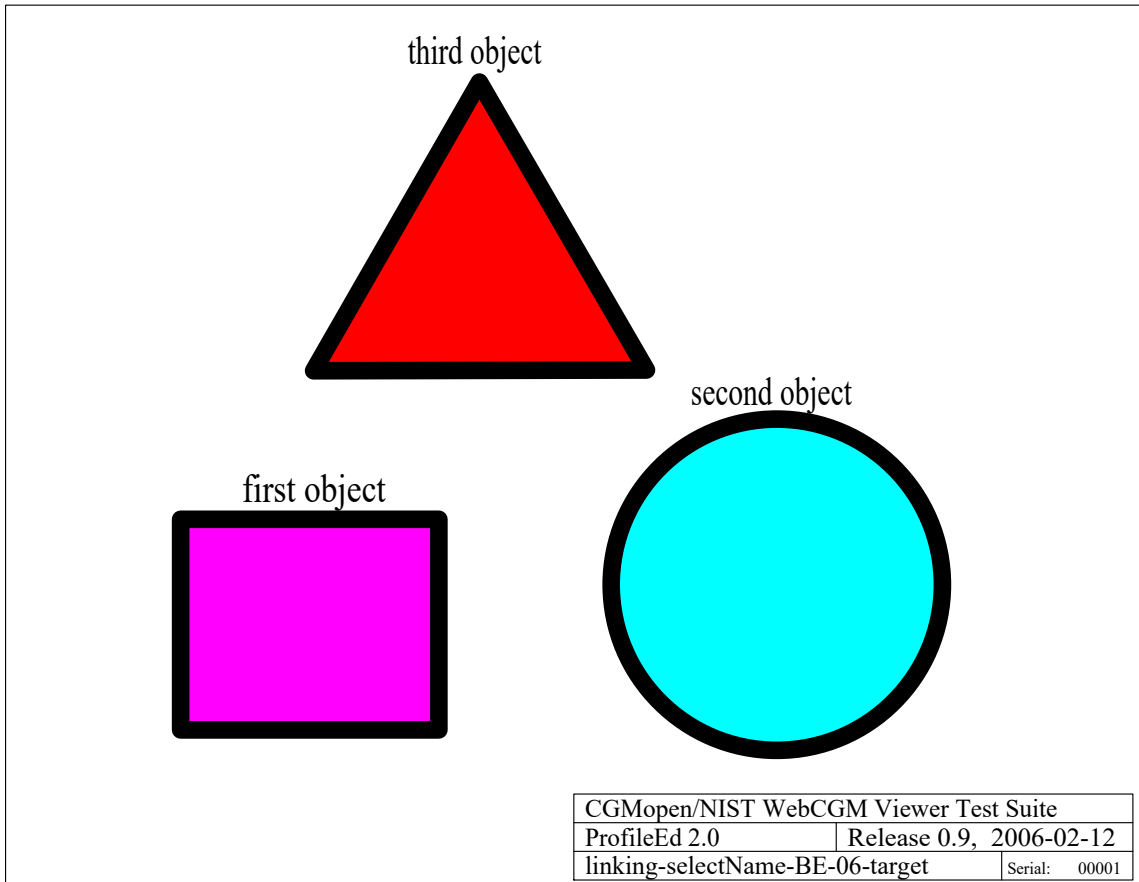
Fig 19, Sheet 1 of 2 linking-selectId-BE-05



linking-selectId-BE-05-PNG

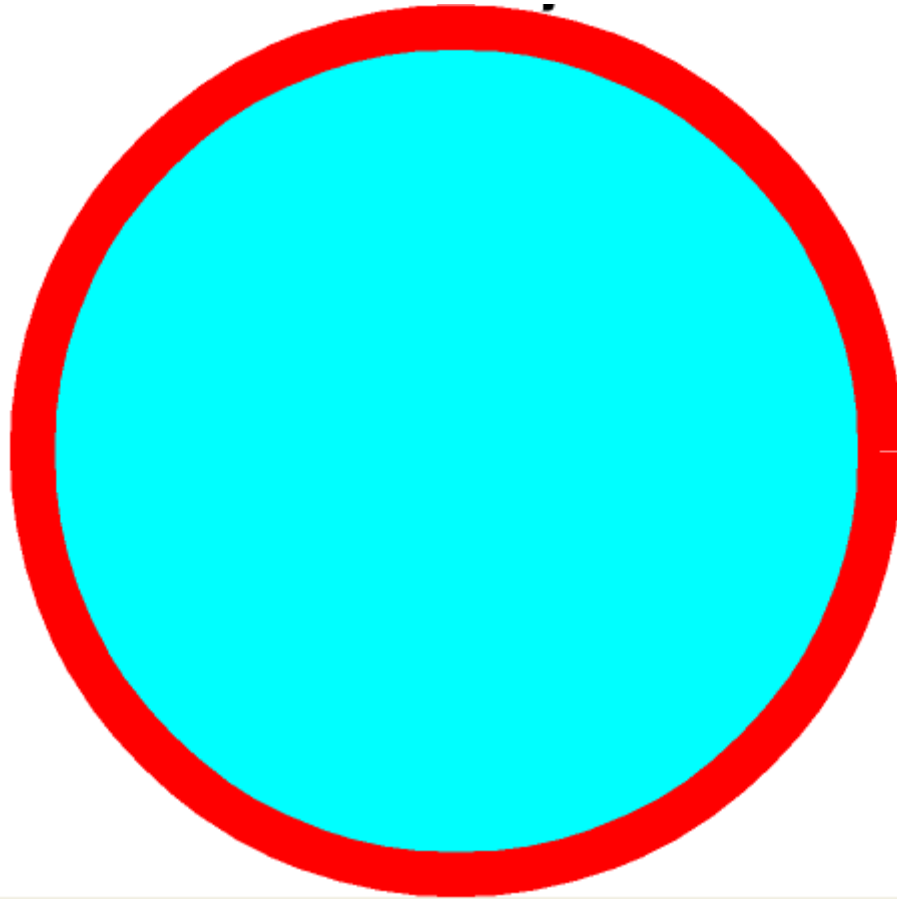
Fig 19, Sheet 2 of 2 linking-selectId-BE-05

1.20 linking-selectName-BE-06



linking-selectName-BE-06-target-CGM

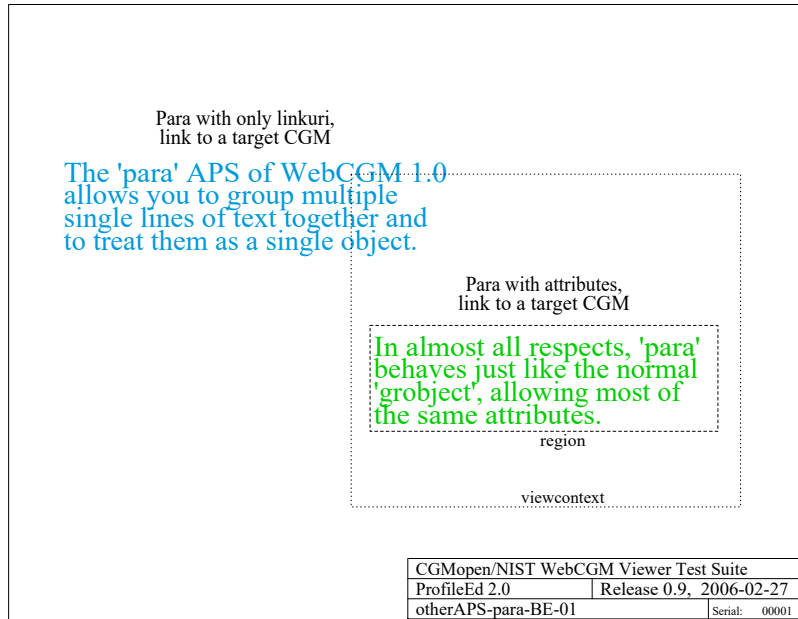
Fig 20, Sheet 1 of 2 linking-selectName-BE-06



linking-selectName-BE-06-PNG

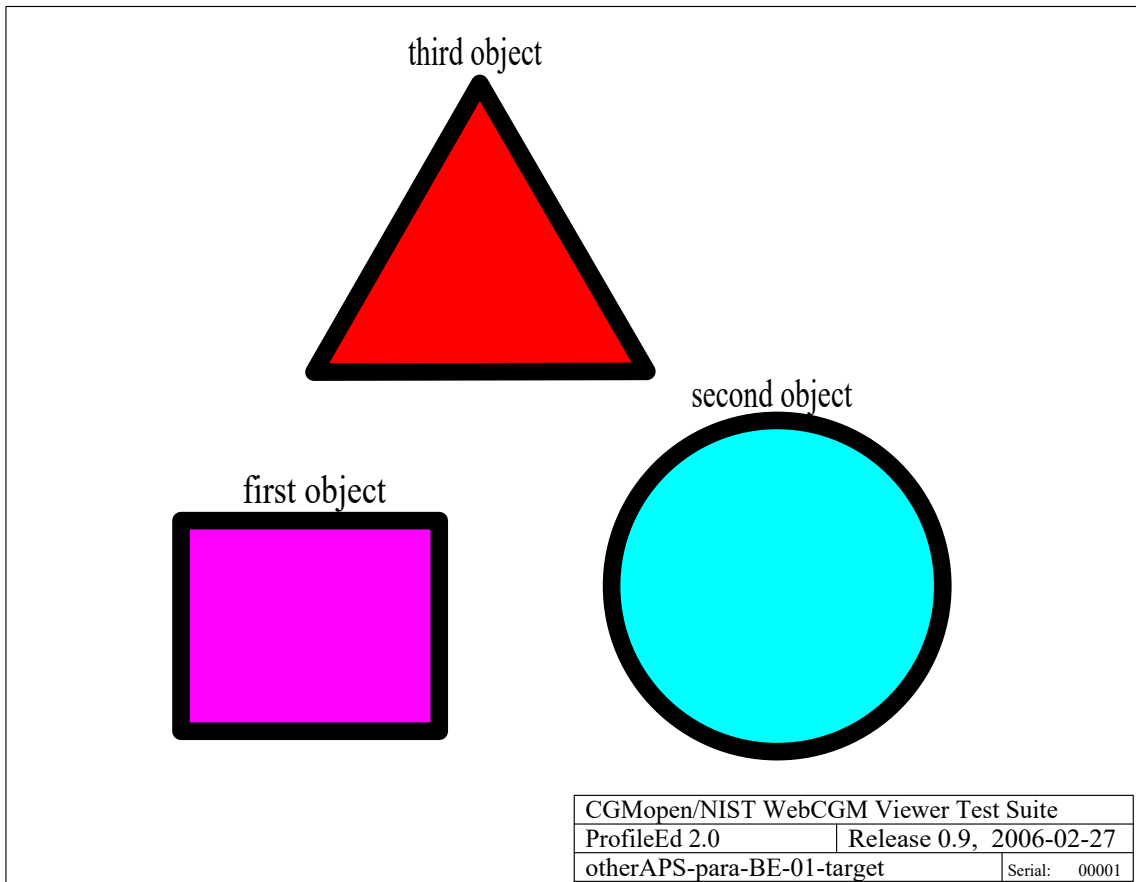
Fig 20, Sheet 2 of 2 linking-selectName-BE-06

1.21 otherAPS-para-BE-01



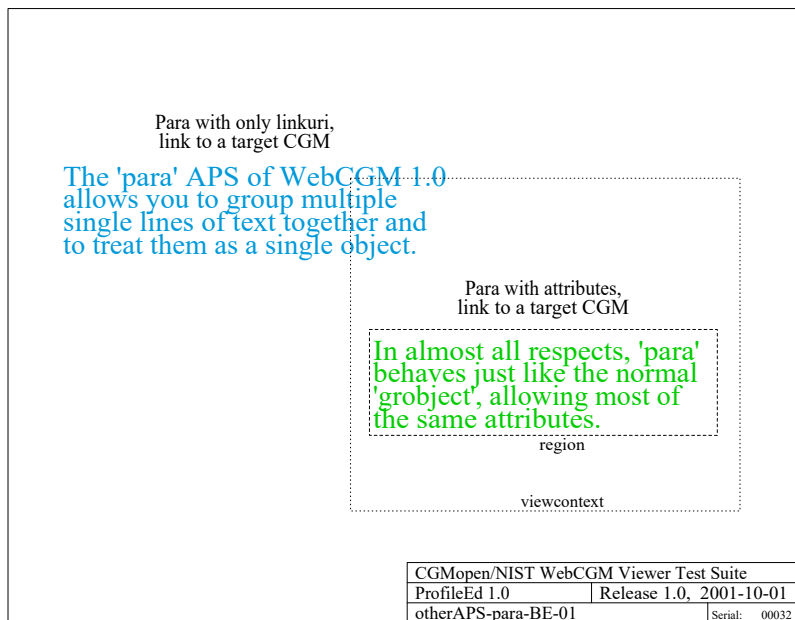
otherAPS-para-BE-01-CGM

Fig 21, Sheet 1 of 4 otherAPS-para-BE-01



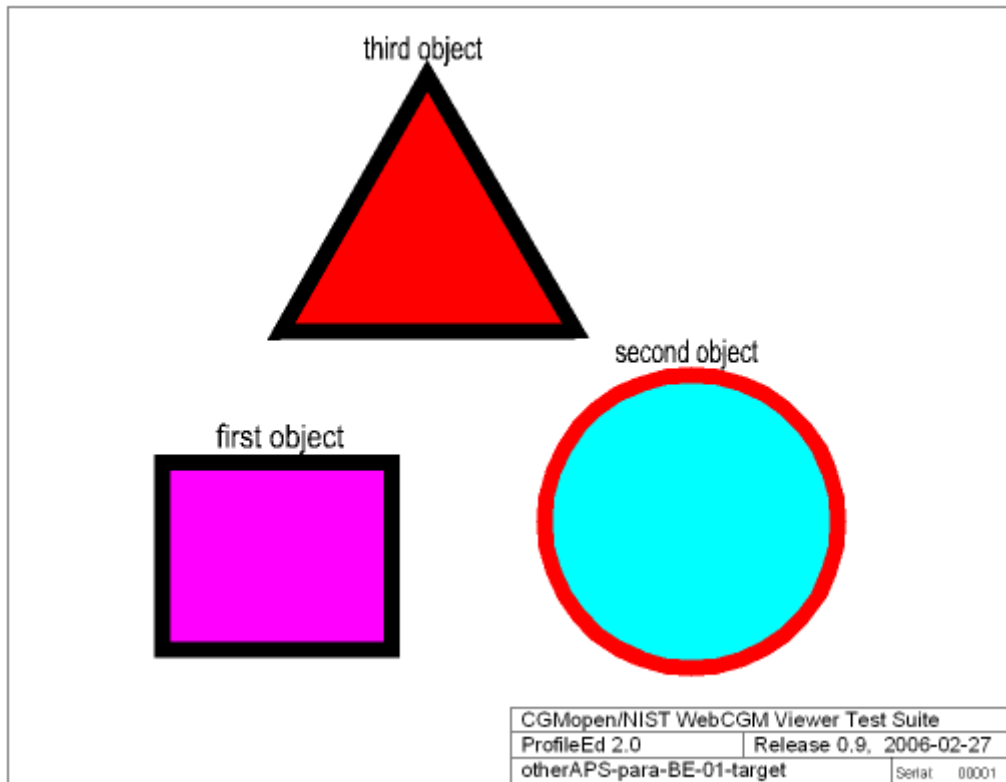
otherAPS-para-BE-01-target-CGM

Fig 21, Sheet 2 of 4 otherAPS-para-BE-01



otherAPS-para-BE-01-test-CGM

Fig 21, Sheet 3 of 4 otherAPS-para-BE-01

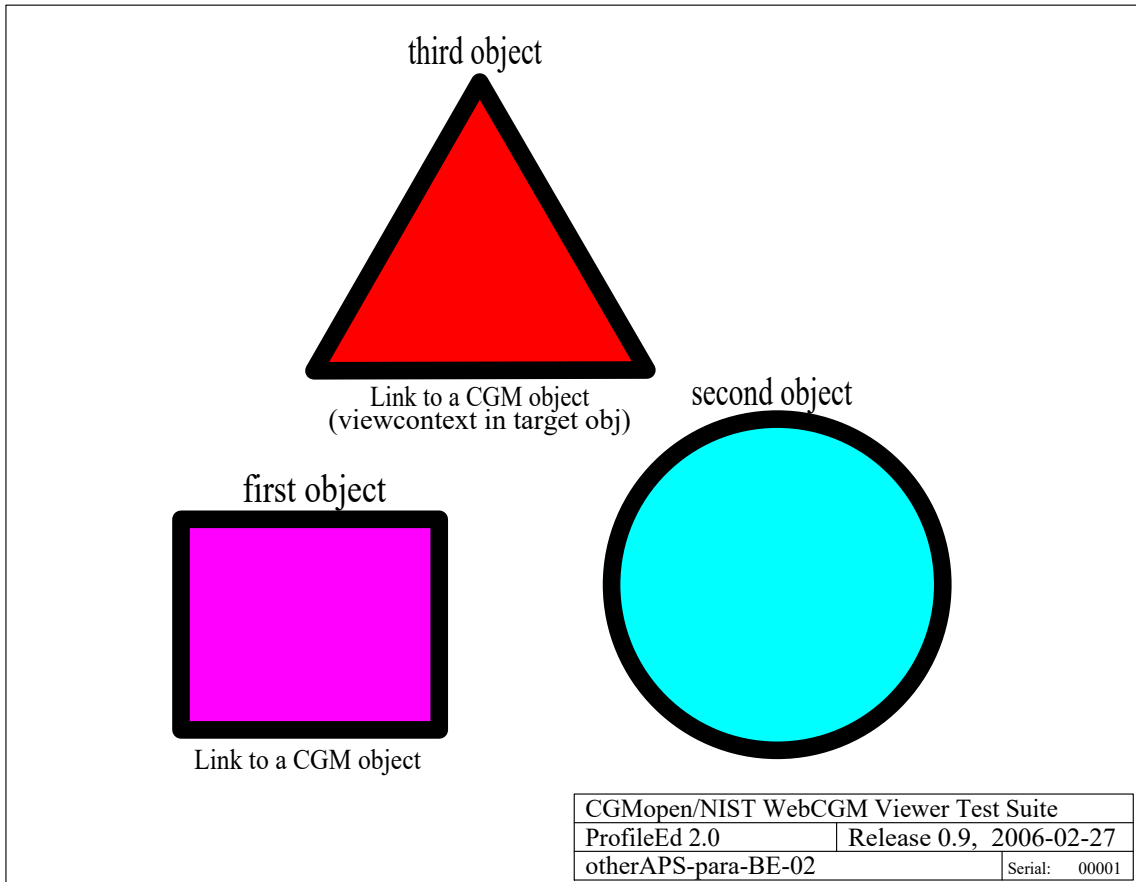


otherAPS-para-BE-01-PNG

Fig 21, Sheet 4 of 4 otherAPS-para-BE-01

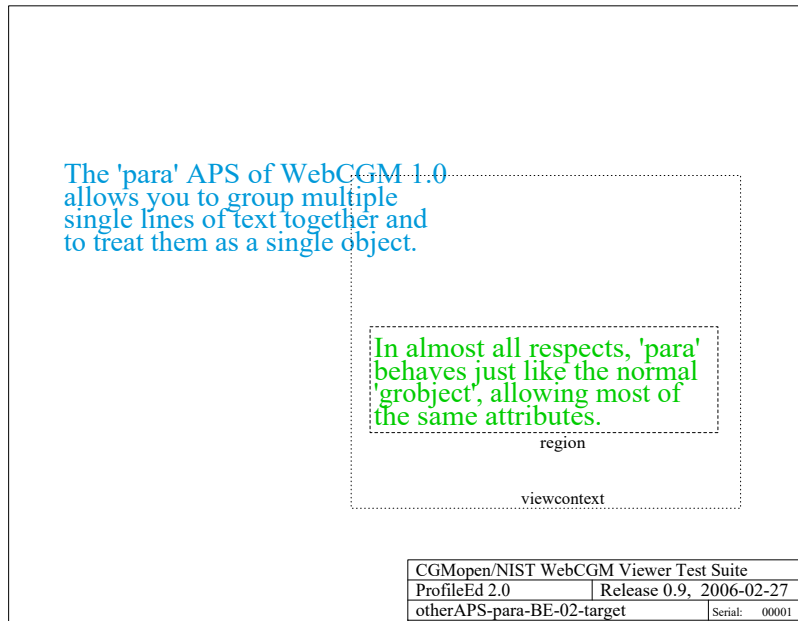
Produced by Docuneering Ltd.

1.22 otherAPS-para-BE-02



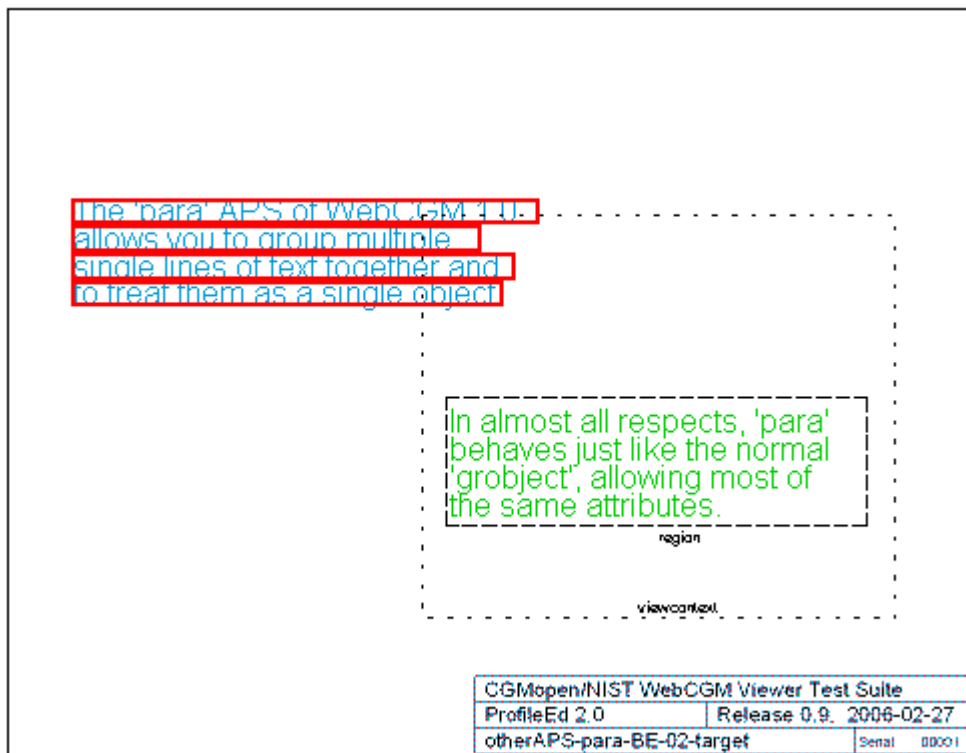
otherAPS-para-BE-02-CGM

Fig 22, Sheet 1 of 3 otherAPS-para-BE-02



otherAPS-para-BE-02-target-CGM

Fig 22, Sheet 2 of 3 otherAPS-para-BE-02



otherAPS-para-BE-02-PNG

Fig 22, Sheet 3 of 3 otherAPS-para-BE-02

Produced by Docuneering Ltd.

Intentionally left blank.

WebCGM 2.1 Test Suite

WebCGM10 - CGM v1-3

Table of contents

	Page
WebCGM10 - CGM v1-3	1
References	6
Description	6
1 WebCGM10 - CGM Version 1	6
1.1 Cell Array Element	7
1.1.1 CELARY01	8
1.1.2 CELARY02	9
1.1.3 CELARY03	10
1.1.4 CELARY04	11
1.1.5 CELARY05	12
1.1.6 CELARY06	13
1.1.7 CELARY07	15
1.2 Colour	17
1.2.1 COLVAL01	17
1.2.2 COLVAL02	18
1.2.3 COLVAL03	19
1.2.4 COLVAL04	20
1.2.5 BGCOLOR01	21
1.2.6 BGCOLOR02	22
1.2.7 BGCOLOR03	23
1.2.8 COLTAB01	24
1.2.9 COLTAB02	25
1.2.10 COLLVL01	26
1.2.11 COLLVL02	27
1.2.12 COLLVL03	28
1.2.13 COLLVL04	30
1.3 Coordinate System	31
1.3.1 VDCEXT01	31
1.3.2 VDCEXT02	32
1.3.3 VDCEXT03	33
1.3.4 VDCEXT04	34
1.3.5 VDCEXT05	35
1.3.6 VDCEXT06	36
1.3.7 VDCEXT07	37
1.3.8 ARCTST01	38
1.3.9 ARCTST02	39
1.3.10 ARCTST03	40
1.3.11 ARCTST04	41
1.3.12 ARCTST05	42
1.3.13 ARCTST06	43
1.4 Degeneracies	44
1.4.1 DGNTST01	44
1.4.2 DGNTST02	45
1.4.3 DGNTST03	46
1.4.4 DGNTST04	47

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

Table of contents (Continued)

	Page
1.4.5 DGNTST06	48
1.4.6 ARCFUL01	49
1.4.7 ZEROSZ01	51
1.5 Descriptor Elements	52
1.5.1 MFDESC01	52
1.5.2 MFELLS01	53
1.5.3 MFELLS02	54
1.6 Escape Element	55
1.6.1 ESCAPE01	55
1.6.2 ESCAPE02	56
1.7 Fonts and Character Sets	57
1.7.1 FNTLST01	57
1.7.2 FNTLST02	58
1.7.3 FNTLST03	59
1.7.4 FNTLST04	60
1.7.5 FNTLST05	61
1.7.6 FNTLST06	62
1.7.7 FNTLST07	63
1.7.8 CHRSET01	64
1.7.9 CHRSET02	66
1.8 Marker Element	68
1.8.1 POLYMK01	68
1.8.2 POLYMK02	69
1.8.3 POLYMK03	70
1.9 Order and Encoding Features	71
1.9.1 DESORD01	71
1.9.2 ALLELM01	72
1.9.3 NOGXT01	73
1.10 Precisions	74
1.10.1 REALPR01	74
1.10.2 REALPR02	75
1.10.3 COLRPR01	76
1.10.4 COLRPR02	77
1.10.5 COLIPR01	78
1.10.6 COLIPR02	79
1.10.7 VDCINT01	80
1.10.8 VDCRPR01	81
1.10.9 VDCRPR02	82
1.11 Schematics	83
1.11.1 SCHEMA01	83
1.11.2 SCHEMA02	85
1.11.3 SCHEMA03	87
1.12 Metafile Size	89
1.12.1 BIGCGM02	89
1.12.2 BIGCGM04	92
1.12.3 BIGCGM05	94
1.13 Modes	96
1.13.1 SCLMOD01	96
1.13.2 DIRCOL01	97
1.13.3 SPECMD01	98
1.13.4 SPECMD02	99
1.14 Text Elements	100

Table of contents (Continued)

	Page
1.14.1 RESTXT01	100
1.14.2 RESTXT02	101
1.14.3 APNTXT01	102
1.14.4 APNTXT02	103
1.14.5 ROTTXT01	104
1.14.6 ROTTXT02	105
1.14.7 TXTPH01	106
1.14.8 TXTPH02	107
1.14.9 TXTPH03	108
1.14.10 TXTALN01	109
1.14.11 TXTALN02	110
1.14.12 TXTALN03	111
1.14.13 TXTALN04	112
1.14.14 TXTALN05	113
1.14.15 TXTALN06	114
1.14.16 TXTALN07	115
1.14.17 TXTALN08	116
1.14.18 TXTALN09	117
1.14.19 TXTALN10	118
1.14.20 TXTALN11	119
1.14.21 TXTALN12	120
1.14.22 TXTALN13	121
1.14.23 TXTALN14	122
1.14.24 TXTALN15	123
1.14.25 TXTALN16	124
1.14.26 TXTALN17	125
1.14.27 TXTALN18	126
1.14.28 TXTALN19	127
1.14.29 TXTALN20	128
1.14.30 TXTALN21	129
1.14.31 TXTALN22	130
1.14.32 TXTALN23	131
1.14.33 TXTLEN01	132
1.14.34 TXTCOL01	133
1.14.35 CHRSPA01	134
1.14.36 CHRHGT01	135
1.14.37 CHRHTLN	136
1.14.38 CHRORI01	138
1.15 Fill-Area Elements	139
1.15.1 POLYGN01	139
1.15.2 POLYGN02	140
1.15.3 POLYGN03	141
1.15.4 POLYGN04	142
1.15.5 PLGSET01	143
1.15.6 PLGSET02	144
1.15.7 PLGSET03	145
1.15.8 PLGSET04	146
1.15.9 PLGSET05	147
1.15.10 PLGSET06	148
1.15.11 RCTNGL01	149
1.15.12 RCTNGL02	150
1.15.13 CIRCLE01	151

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

Table of contents (Continued)

	Page
1.15.14 CIRCLE02	152
1.15.15 CIRCLE03	153
1.15.16 CRAR3C01	154
1.15.17 CRAR3C02	155
1.15.18 CRAR3C03	156
1.15.19 CRARCC01	157
1.15.20 CRARCC02	158
1.15.21 CRARCC03	159
1.15.22 ELLIPS01	160
1.15.23 ELLIPS02	161
1.15.24 ELLIPS03	162
1.15.25 ELARCC01	163
1.15.26 ELARCC02	164
1.15.27 ELARCC03	165
1.15.28 ELARCC04	166
1.15.29 ELARCC05	167
1.15.30 INTSTL01	168
1.15.31 INTSTL02	169
1.15.32 INTSTL03	170
1.15.33 INTSTL04	171
1.15.34 INTSTL05	172
1.15.35 INTSTL06	173
1.15.36 INTSTL07	174
1.15.37 INTSTL08	175
1.15.38 EDGSTL01	176
1.15.39 EDGCOL01	177
1.16 Pattern Table	178
1.16.1 PATTBL01	178
1.16.2 PATTBL02	181
1.17 Line Elements	183
1.17.1 CIRARC01	183
1.17.2 CIRARC02	184
1.17.3 CIRARC03	185
1.17.4 LINSTL01	186
1.17.5 LINSTL02	187
1.17.6 LINSTL03	188
1.17.7 LINSTL04	189
1.17.8 LINSTL05	190
1.17.9 LINSTL06	191
1.17.10 LINSTL07	192
1.17.11 LINSTL08	193
1.17.12 LINSTL09	194
1.17.13 LINSTL10	195
1.17.14 LINSTL11	196
1.17.15 LINSTL12	197
1.17.16 LINSTL13	198
1.17.17 LINSTL14	199
1.17.18 LINSTL15	200
1.17.19 LINCOL01	201
1.17.20 ELLARC01	202
1.17.21 ELLARC02	203
1.17.22 ELLARC03	204

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

Table of contents (Continued)

	Page
1.17.23 ELLARC04	205
1.17.24 ELLARC05	206
1.17.25 DPLYLN01	207
1.17.26 CRARC301	208
1.17.27 CRARC302	209
1.17.28 CRARC303	210
1.17.29 POLYLN01	211
1.17.30 POLYLN02	212
1.17.31 POLYLN03	213
1.17.32 POLYLN04	214
1.18 Clipping	215
1.18.1 CLIPNG01	215
1.18.2 CLIPNG02	216
1.18.3 CLIPNG03	217
1.18.4 CLIPNG04	218
1.19 Defaults	219
1.19.1 DEFVAL01	219
1.19.2 MDRTST01	221
1.19.3 MDRTST02	222
1.20 Empty Pictures	223
1.20.1 EMTPTCT01	223
1.20.2 EMTPTCT02	224
2 WebCGM10 - CGM Version 2	225
2.1 Begin/End Figure Element	225
2.1.1 FIGURE01	225
2.1.2 FIGURE02	227
2.1.3 FIGURE03	228
2.1.4 FIGURE04	230
2.1.5 FIGURE05	232
2.1.6 FIGURE06	234
2.1.7 FIGURE07	235
2.2 Clipping	236
2.2.1 CLIPNG05	236
2.3 Colour	237
2.3.1 BGCOLR04	237
2.4 Modes	238
2.4.1 COLRMD01	238
2.4.2 COLRMD02	240
2.4.3 SPECMD03	242
2.4.4 SPECMD04	244
3 WebCGM10 - CGM Version 3	246
3.1 Tile Array Elements	246
3.1.1 TABTNL01	246
3.1.2 TABTNL02	248
3.2 Line Elements	249
3.2.1 POLYBZ01	249
3.2.2 POLYBZ02	250
3.2.3 POLYBZ03	251
3.2.4 POLYBZ04	252
3.2.5 POLYBZ05	253
3.2.6 POLYBZ06	255
3.3 Modes	256

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

Table of contents (Continued)

		Page
3.3.1	SPECMD05	256
3.4	Line/Edge Caps and Joins	257
3.4.1	LINCAP01	257
3.4.2	LINCAP02	258
3.4.3	LNJOIN01	260
3.4.4	MITRLM01	261
3.5	Line Style Definition	263
3.5.1	LINSTD01	263
3.5.2	LINSTD02	264
3.5.3	LINSTD03	265
3.6	Metafile Size	266
3.6.1	BIGCGM01	266
3.6.2	BIGCGM03	268
3.7	Schematics	270
3.7.1	SCHEMA04	270
3.7.2	SCHEMA05	273

References

Table 1 References

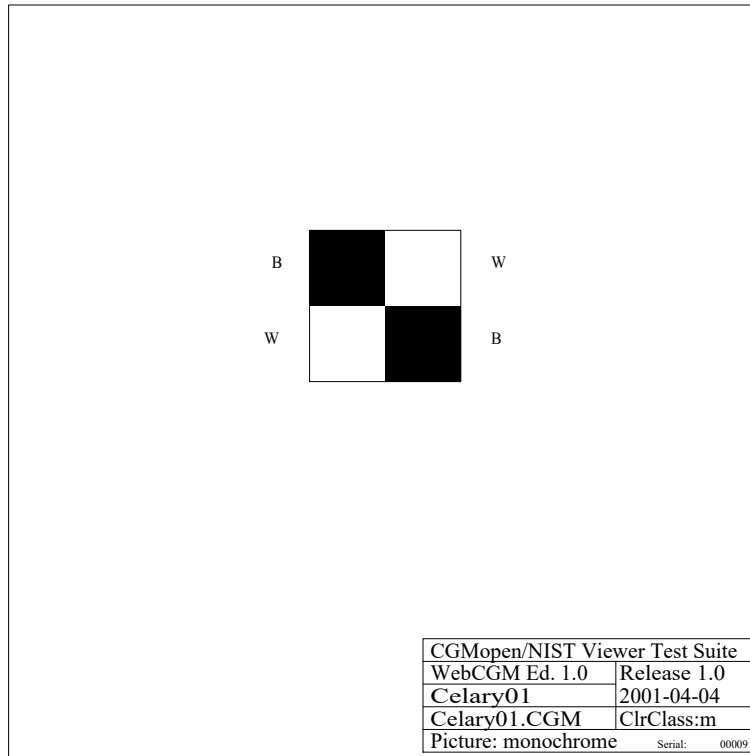
Data module / Technical publication	Title
None	

Description

1 WebCGM10 - CGM Version 1

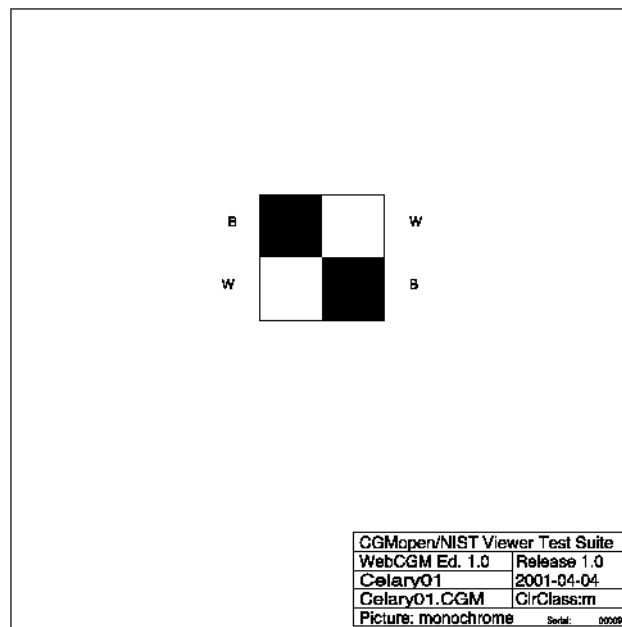
1.1 Cell Array Element

1.1.1 CELARY01



CELARY01-CGM

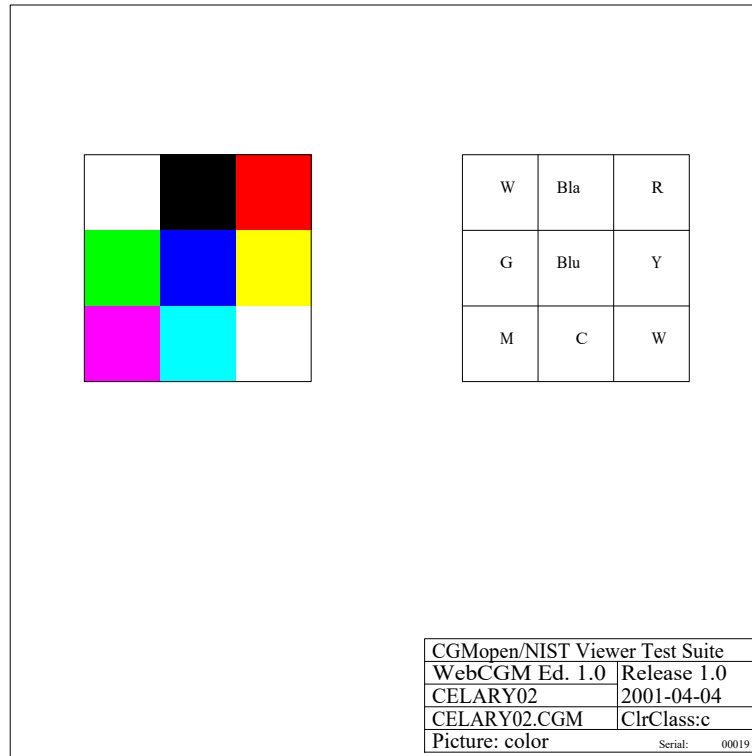
Fig 1, Sheet 1 of 2 CELARY01



CELARY01-PNG

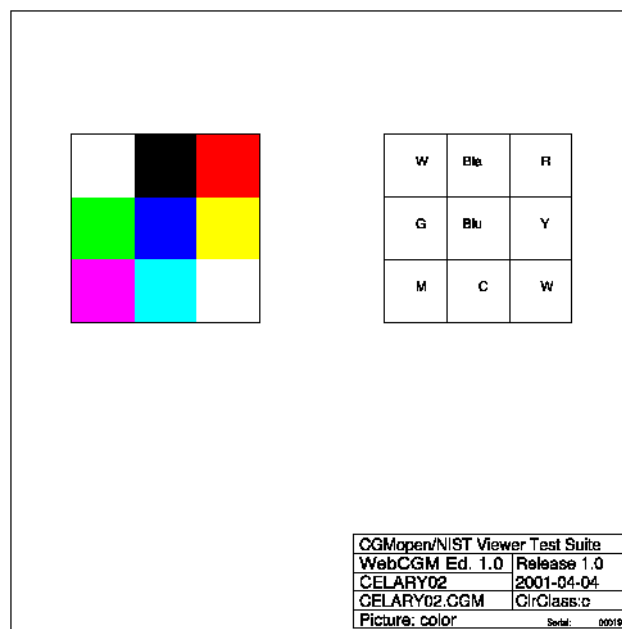
Fig 1, Sheet 2 of 2 CELARY01

1.1.2 CELARY02



CELARY02-CGM

Fig 2, Sheet 1 of 2 CELARY02

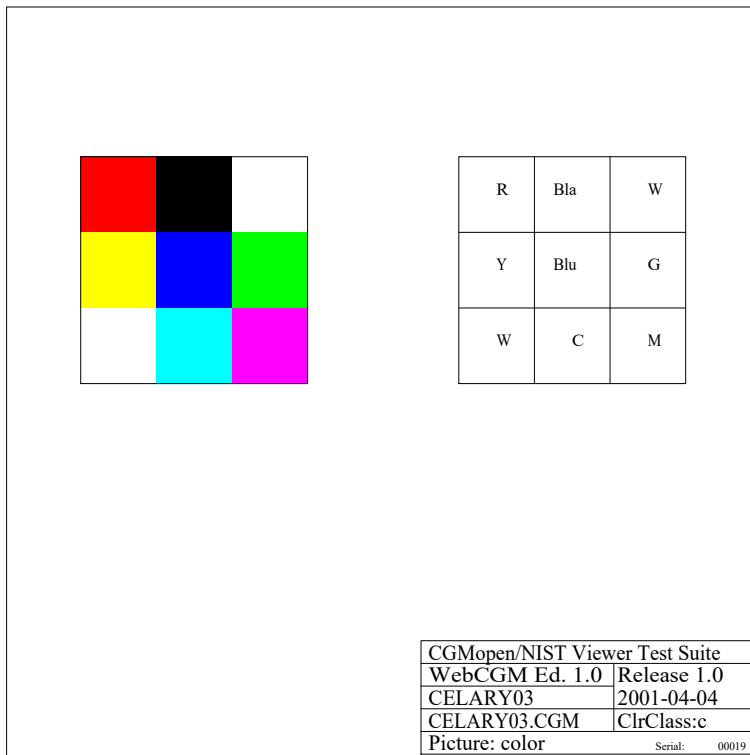


CELARY02-PNG

Fig 2, Sheet 2 of 2 CELARY02

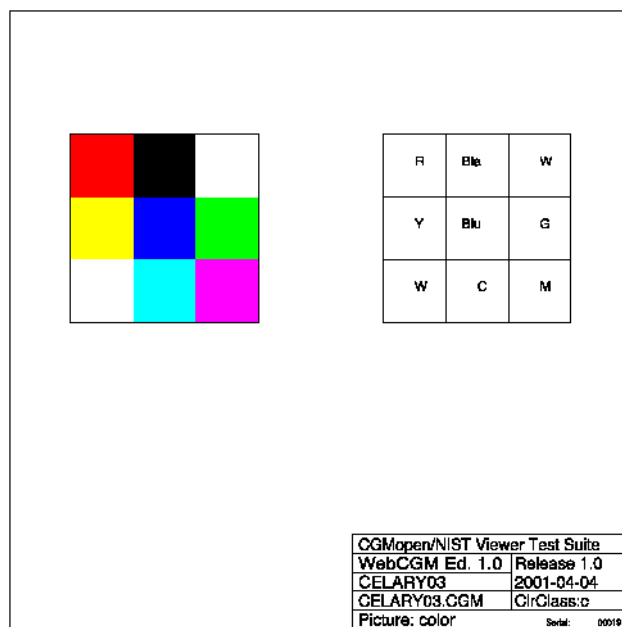
Produced by Docuneering Ltd.

1.1.3 CELARY03



CELARY03-CGM

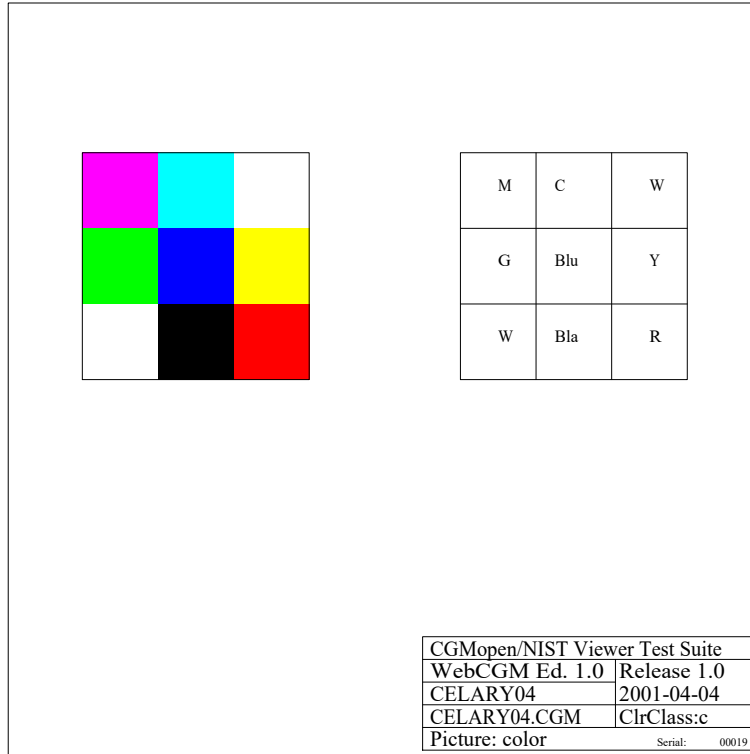
Fig 3, Sheet 1 of 2 CELARY03



CELARY03-PNG

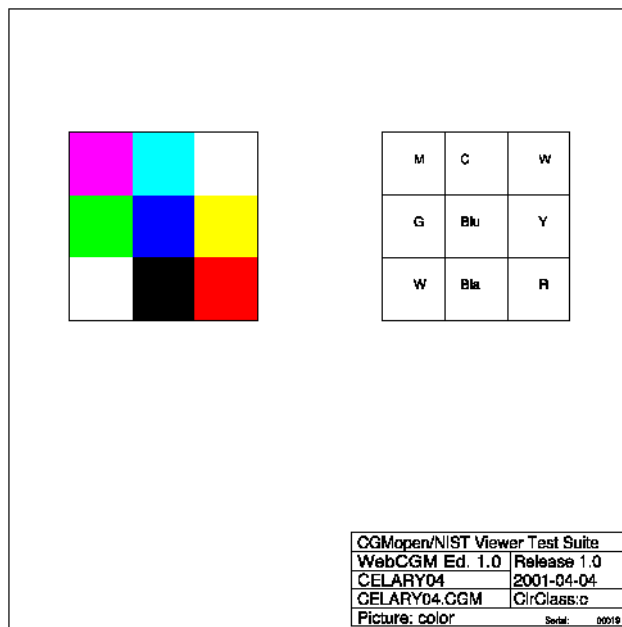
Fig 3, Sheet 2 of 2 CELARY03

1.1.4 CELARY04



CELARY04-CGM

Fig 4, Sheet 1 of 2 CELARY04

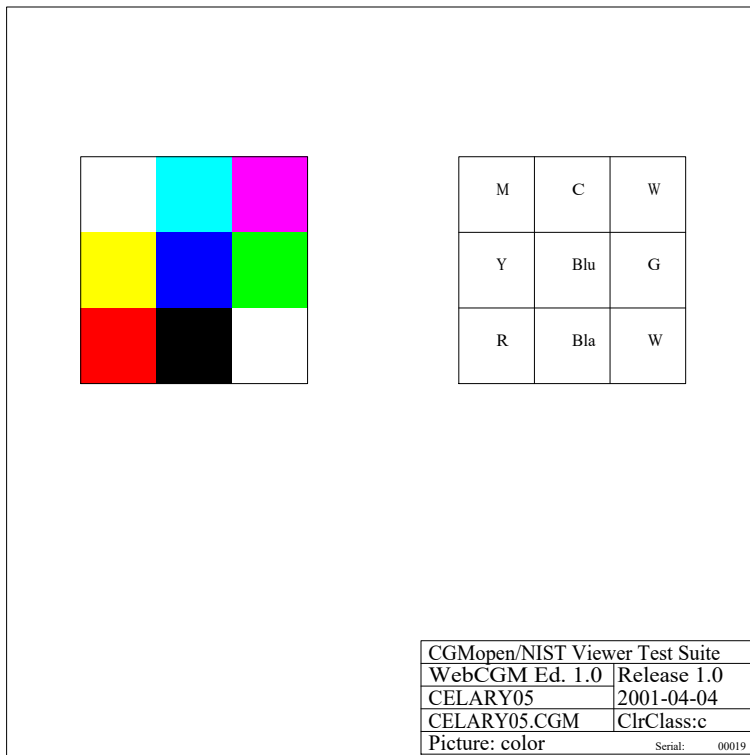


CELARY04-PNG

Fig 4, Sheet 2 of 2 CELARY04

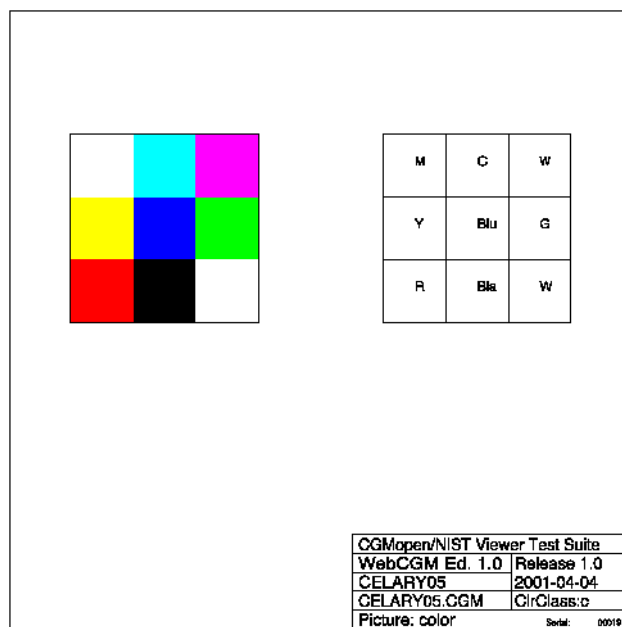
Produced by Docuneering Ltd.

1.1.5 CELARY05



CELARY05-CGM

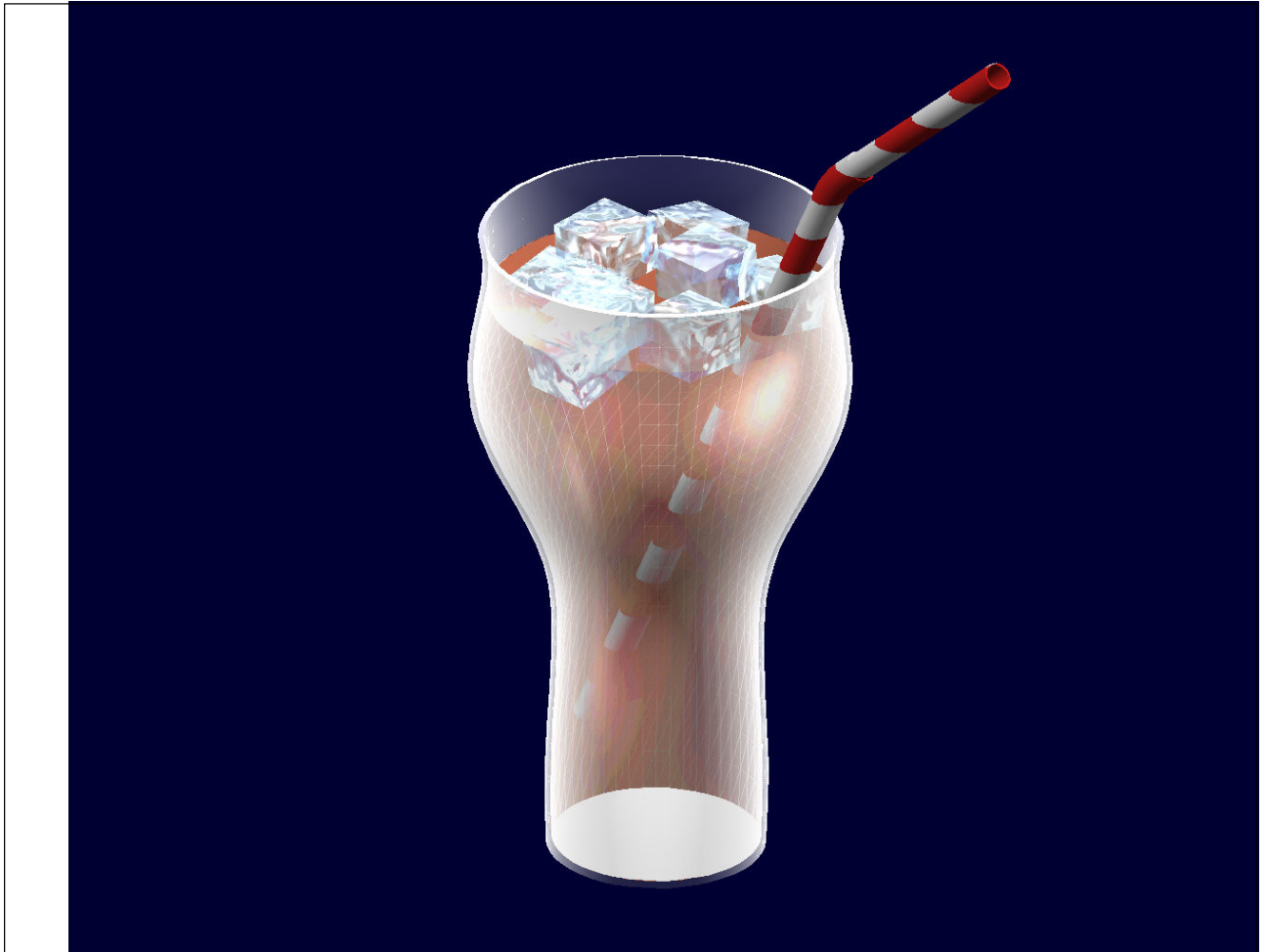
Fig 5, Sheet 1 of 2 CELARY05



CELARY05-PNG

Fig 5, Sheet 2 of 2 CELARY05

1.1.6 CELARY06



CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
CELARY06	2001-04-04
CELARY06.CGM	ClrClass:c
Picture: color	Serial: 00021

CELARY06-CGM

Fig 6, Sheet 1 of 2 CELARY06

Produced by Docuneering Ltd.



CELARY06-PNG

Fig 6, Sheet 2 of 2 CELARY06

1.1.7 CELARY07



CELARY07-CGM

Fig 7, Sheet 1 of 2 CELARY07

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

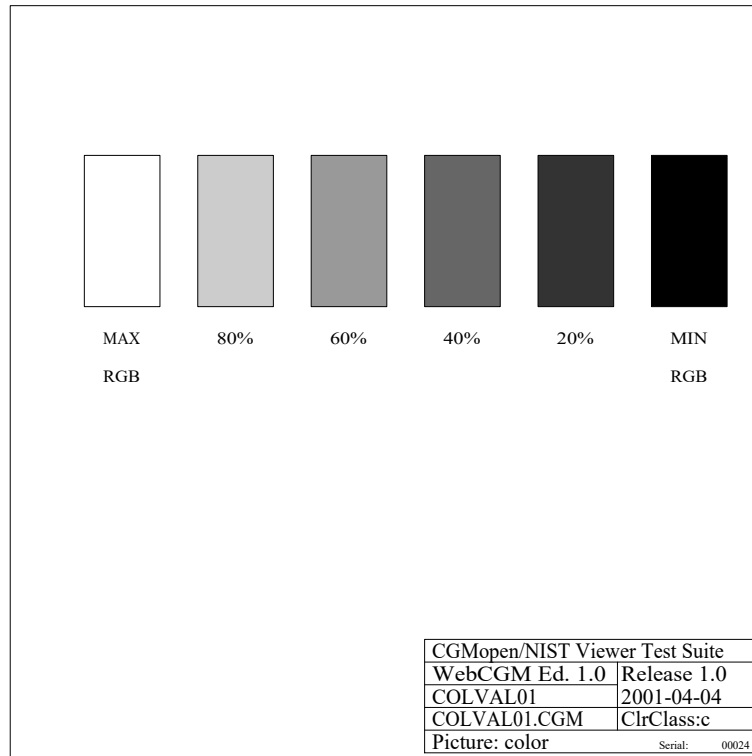


CELARY07-PNG

Fig 7, Sheet 2 of 2 CELARY07

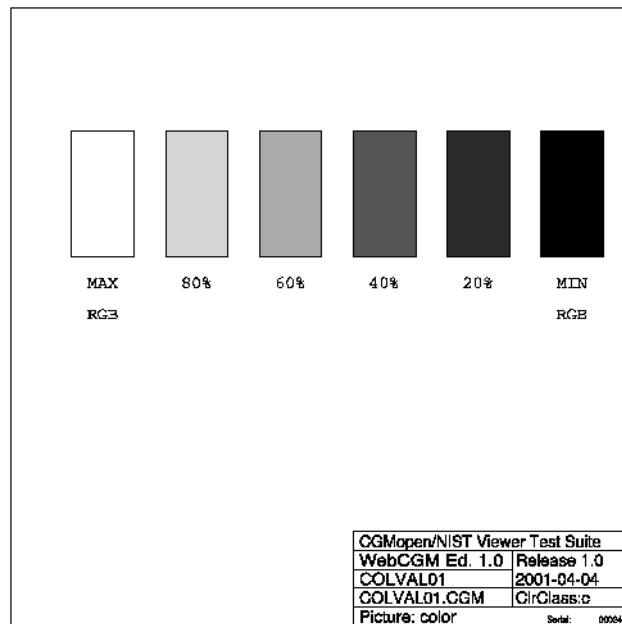
1.2 Colour

1.2.1 COLVAL01



COLVAL01-CGM

Fig 8, Sheet 1 of 2 COLVAL01

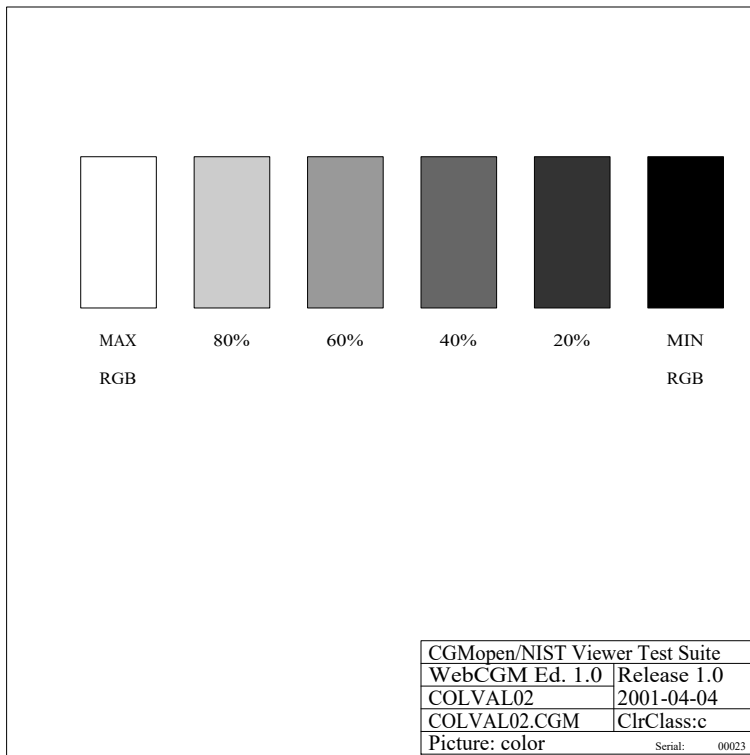


COLVAL01-PNG

Fig 8, Sheet 2 of 2 COLVAL01

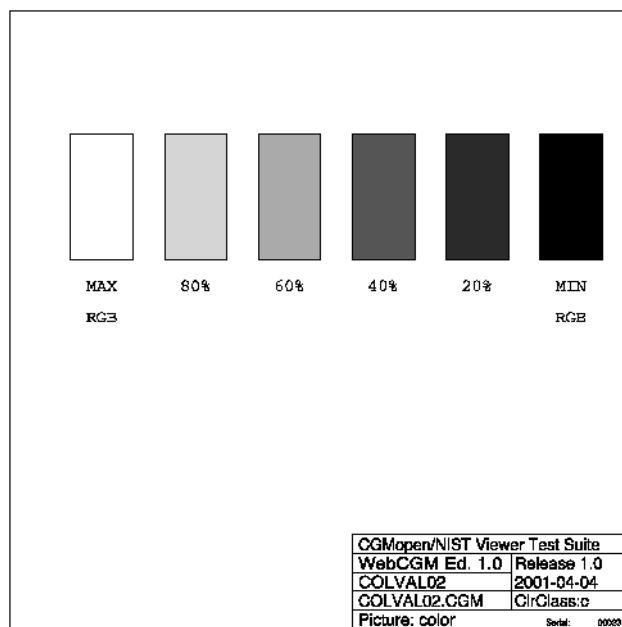
Produced by Docuneering Ltd.

1.2.2 COLVAL02



COLVAL02-CGM

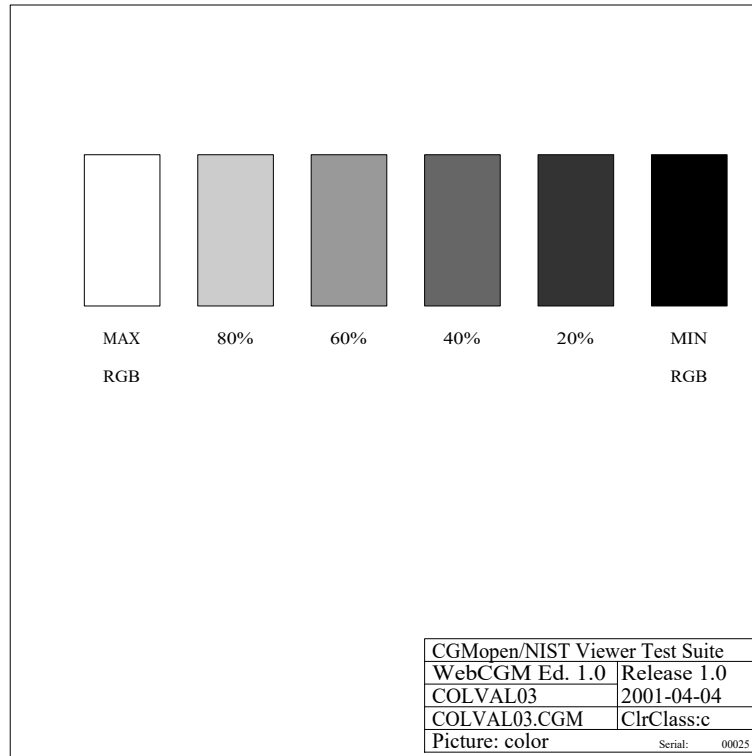
Fig 9, Sheet 1 of 2 COLVAL02



COLVAL02-PNG

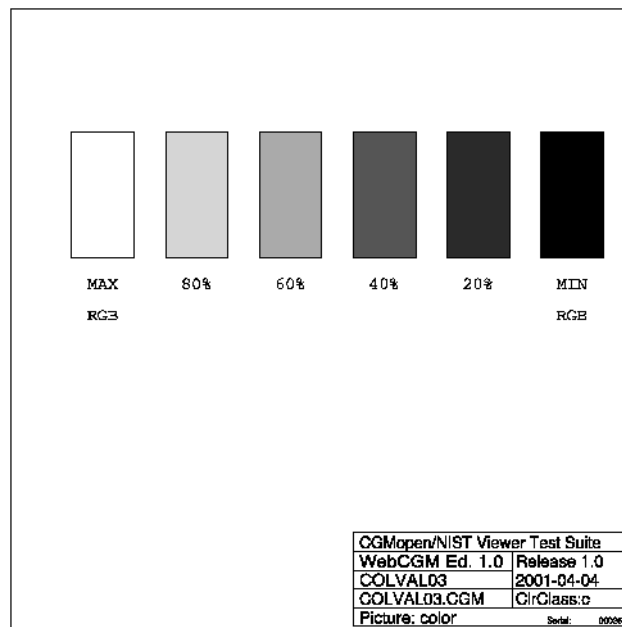
Fig 9, Sheet 2 of 2 COLVAL02

1.2.3 COLVAL03



COLVAL03-CGM

Fig 10, Sheet 1 of 2 COLVAL03

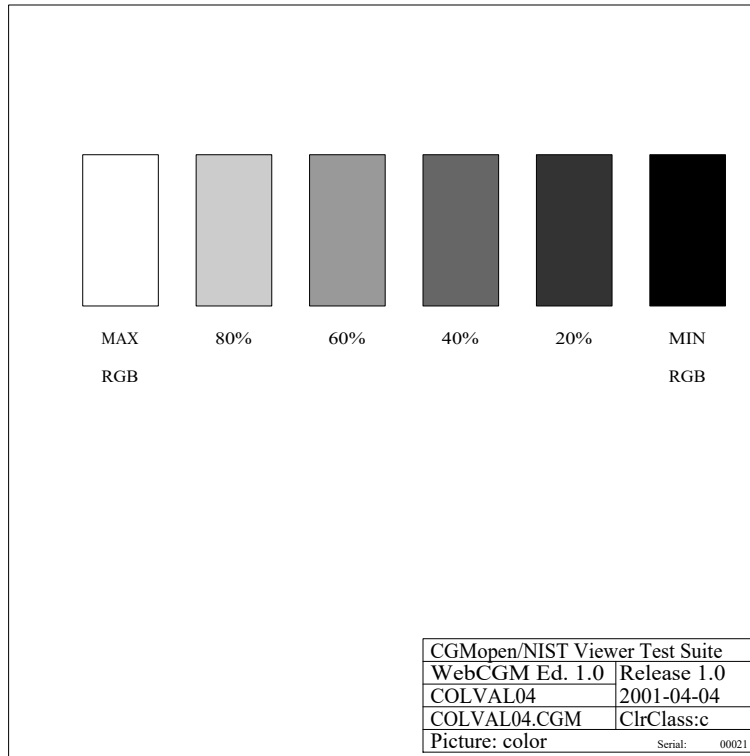


COLVAL03-PNG

Fig 10, Sheet 2 of 2 COLVAL03

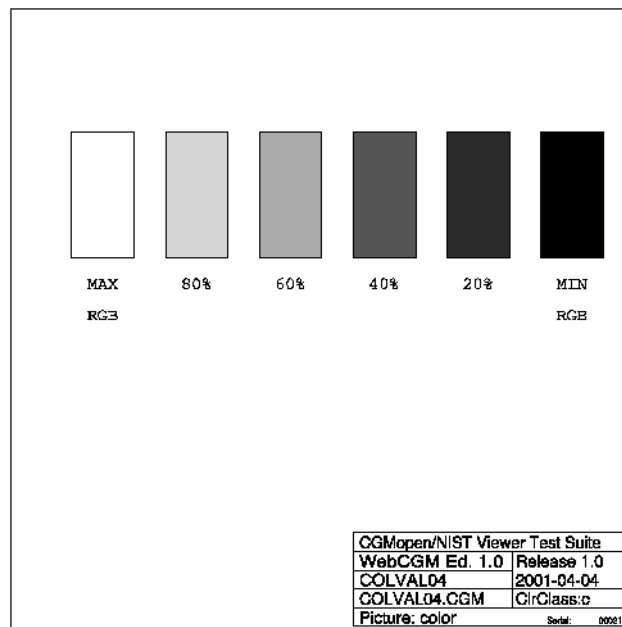
Produced by Docuneering Ltd.

1.2.4 COLVAL04



COLVAL04-CGM

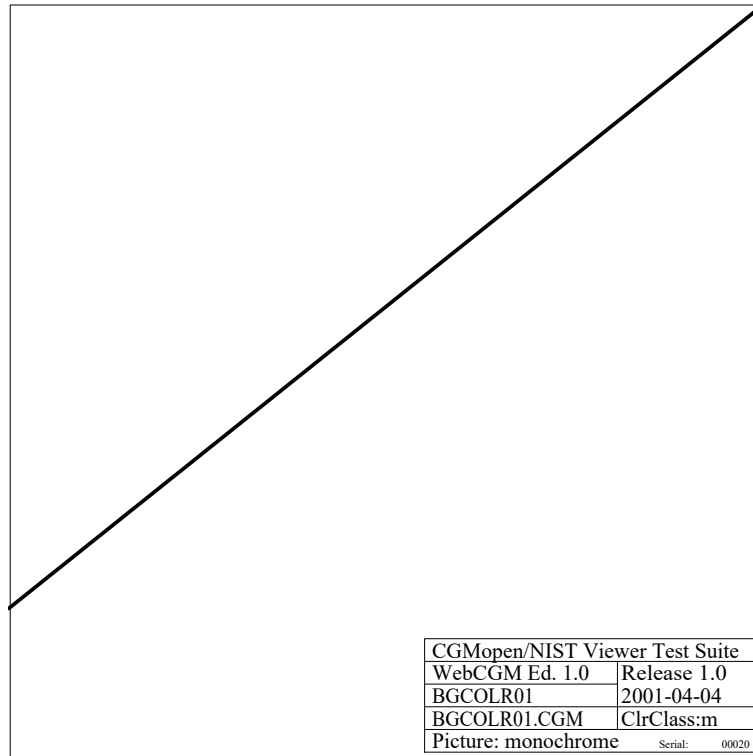
Fig 11, Sheet 1 of 2 COLVAL04



COLVAL04-PNG

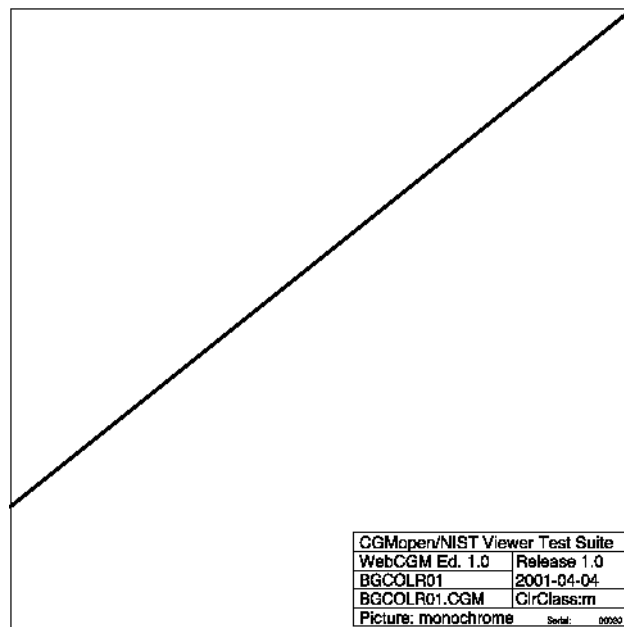
Fig 11, Sheet 2 of 2 COLVAL04

1.2.5 BGCOLOR01



BGCOLOR01-CGM

Fig 12, Sheet 1 of 2 BGCOLOR01

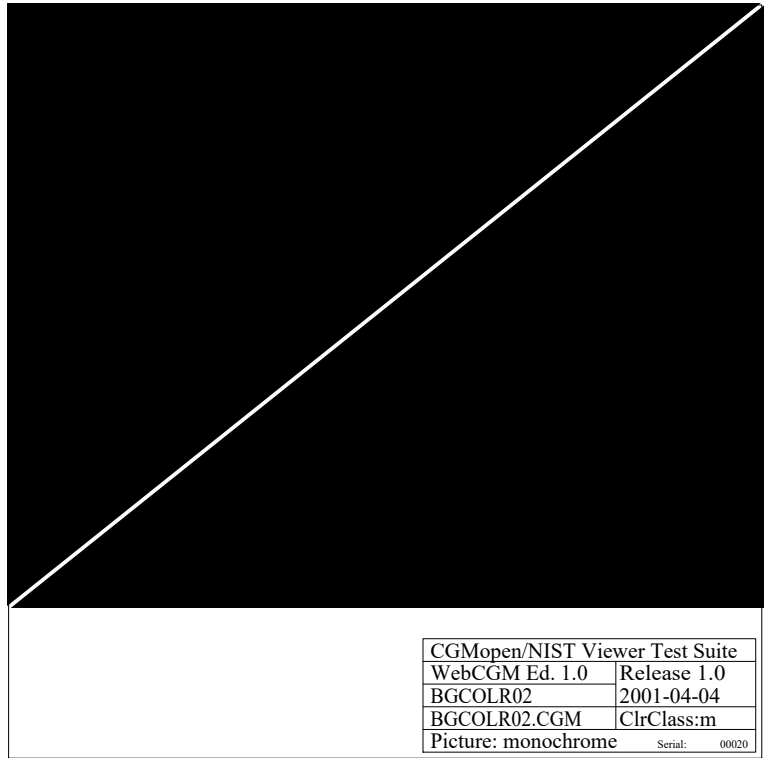


BGCOLOR01-PNG

Fig 12, Sheet 2 of 2 BGCOLOR01

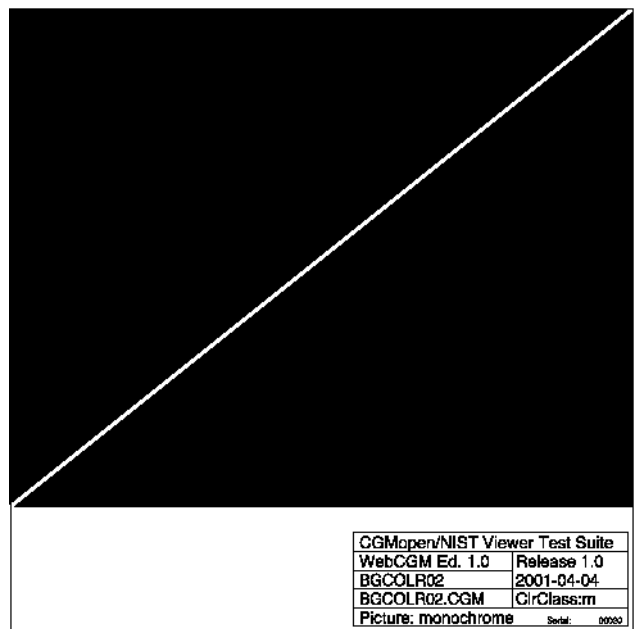
Produced by Docuneering Ltd.

1.2.6 BGCOLOR02



BGCOLOR02-CGM

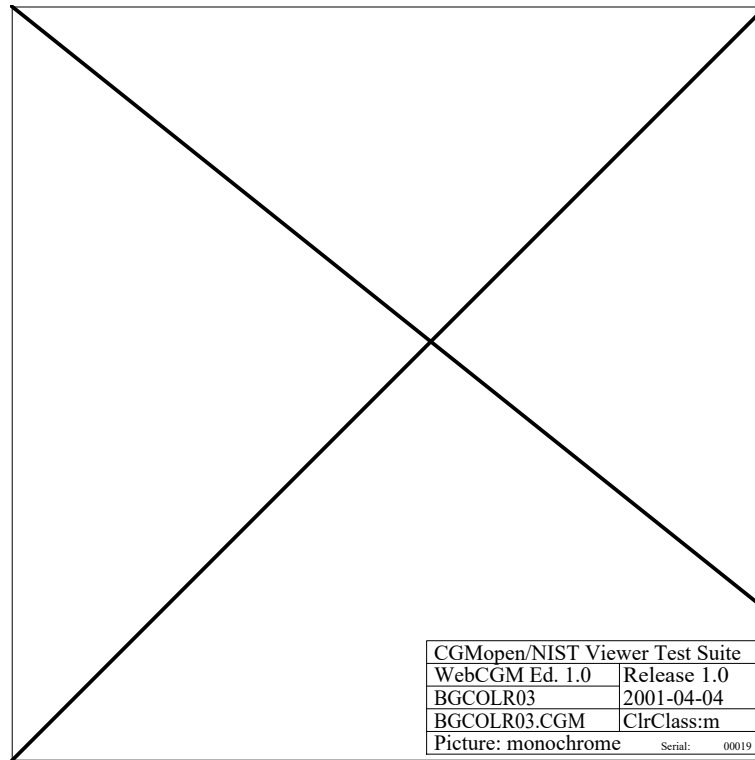
Fig 13, Sheet 1 of 2 BGCOLOR02



BGCOLOR02-PNG

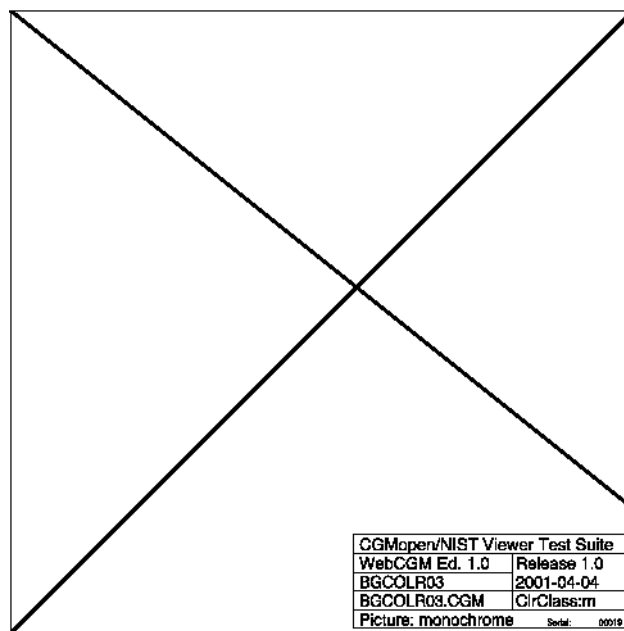
Fig 13, Sheet 2 of 2 BGCOLOR02

1.2.7 BGCOLOR03



BGCOLOR03-CGM

Fig 14, Sheet 1 of 2 BGCOLOR03

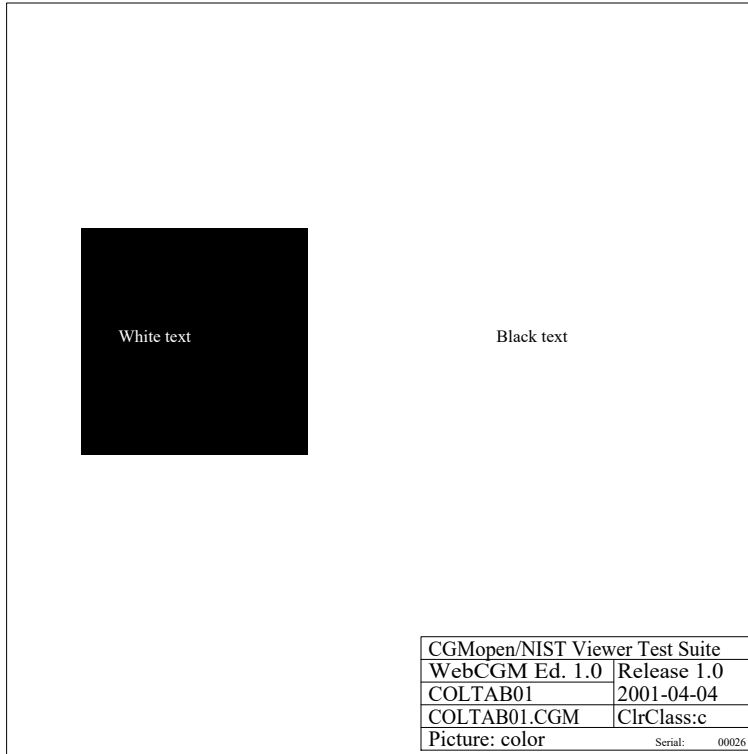


BGCOLOR03-PNG

Fig 14, Sheet 2 of 2 BGCOLOR03

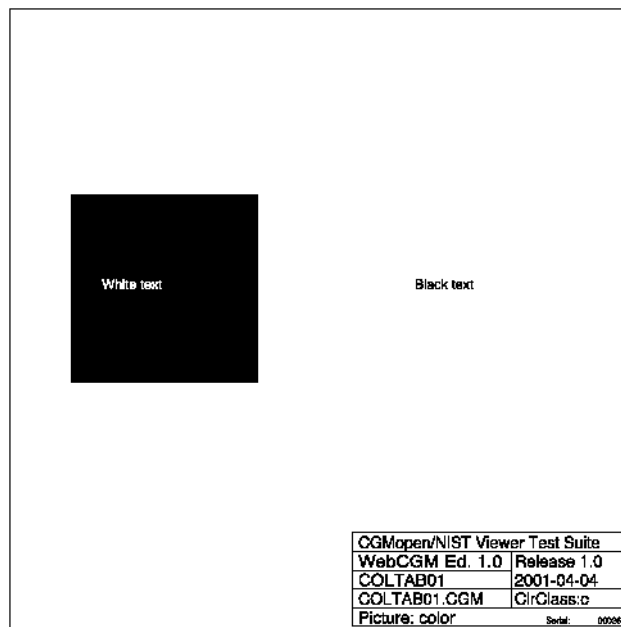
Produced by Docuneering Ltd.

1.2.8 COLTAB01



COLTAB01-CGM

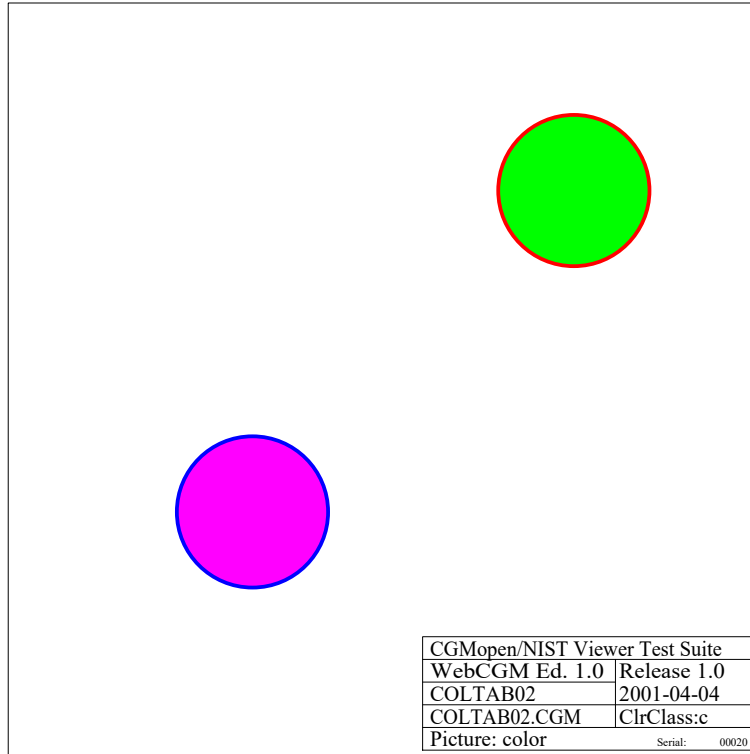
Fig 15, Sheet 1 of 2 COLTAB01



COLTAB01-PNG

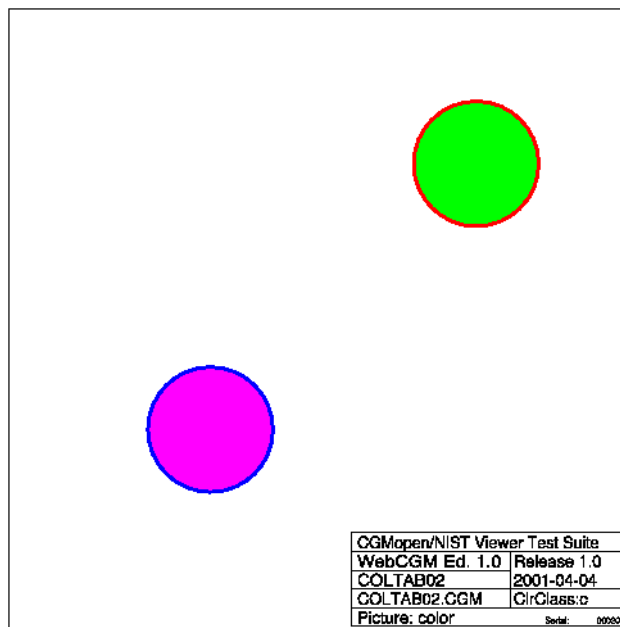
Fig 15, Sheet 2 of 2 COLTAB01

1.2.9 COLTAB02



COLTAB02-CGM

Fig 16, Sheet 1 of 2 COLTAB02

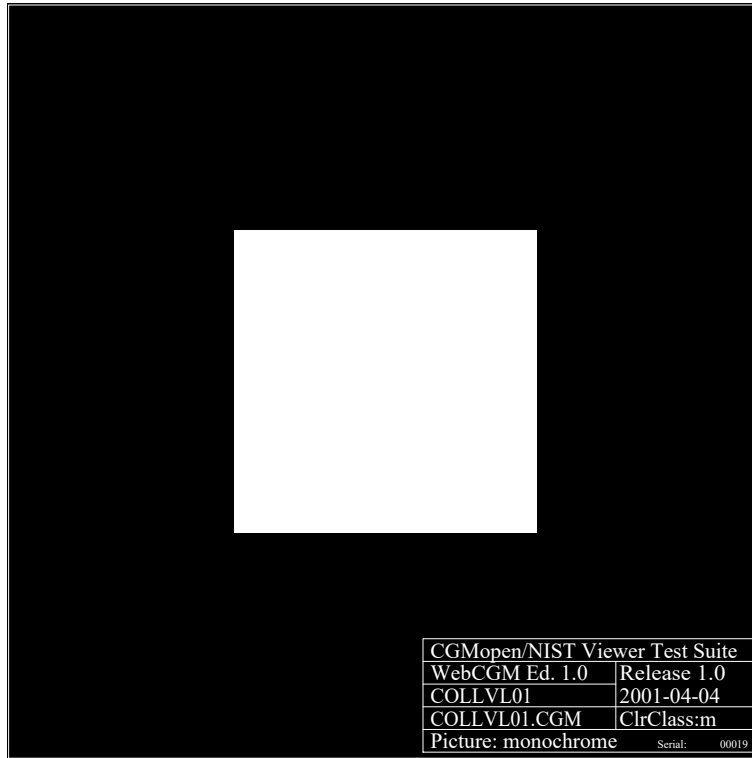


COLTAB02-PNG

Fig 16, Sheet 2 of 2 COLTAB02

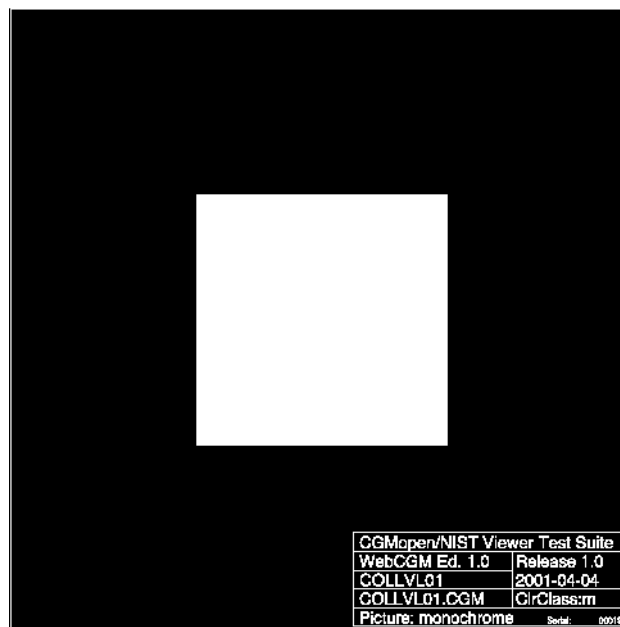
Produced by Docuneering Ltd.

1.2.10 COLLVL01



COLLVL01-CGM

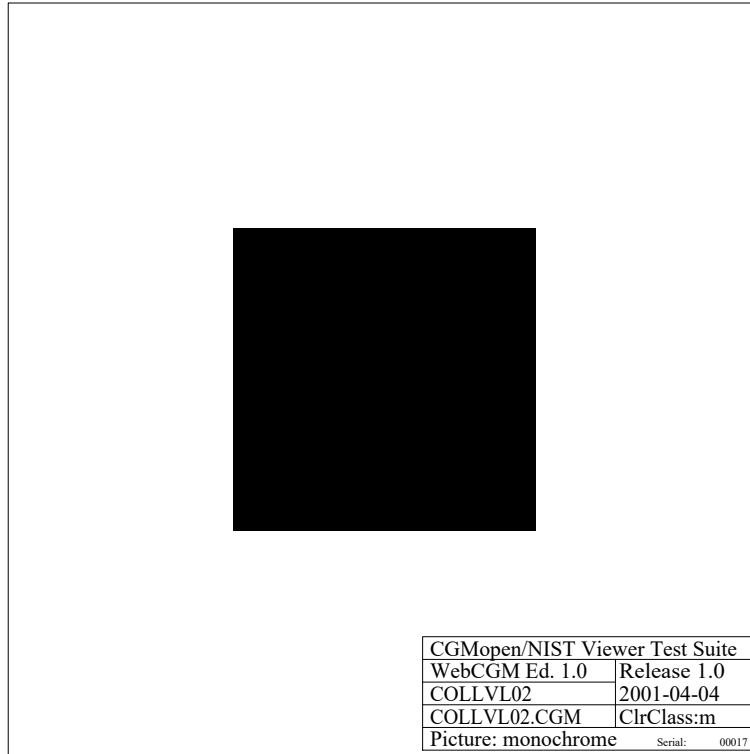
Fig 17, Sheet 1 of 2 COLLVL01



COLLVL01-PNG

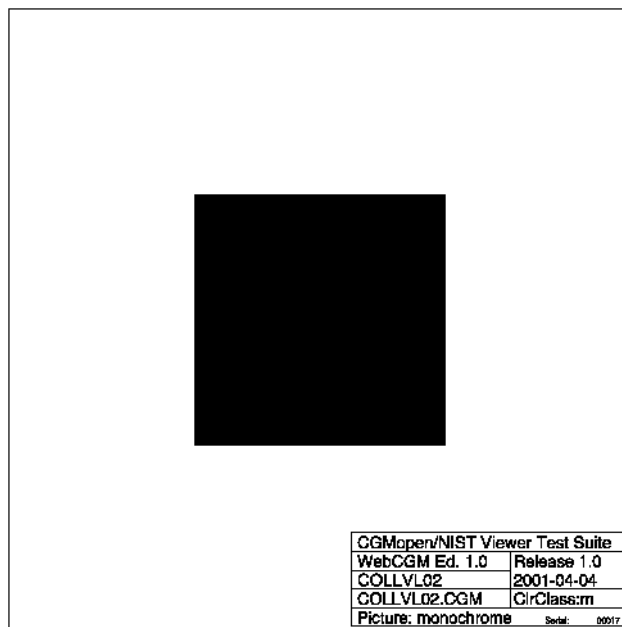
Fig 17, Sheet 2 of 2 COLLVL01

1.2.11 COLLVL02



COLLVL02-CGM

Fig 18, Sheet 1 of 2 COLLVL02

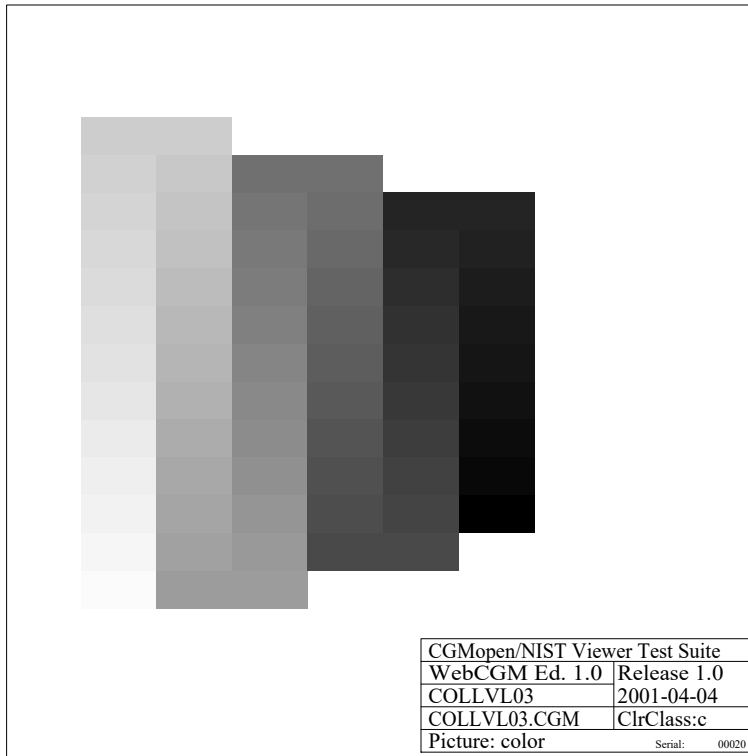


COLLVL02-PNG

Fig 18, Sheet 2 of 2 COLLVL02

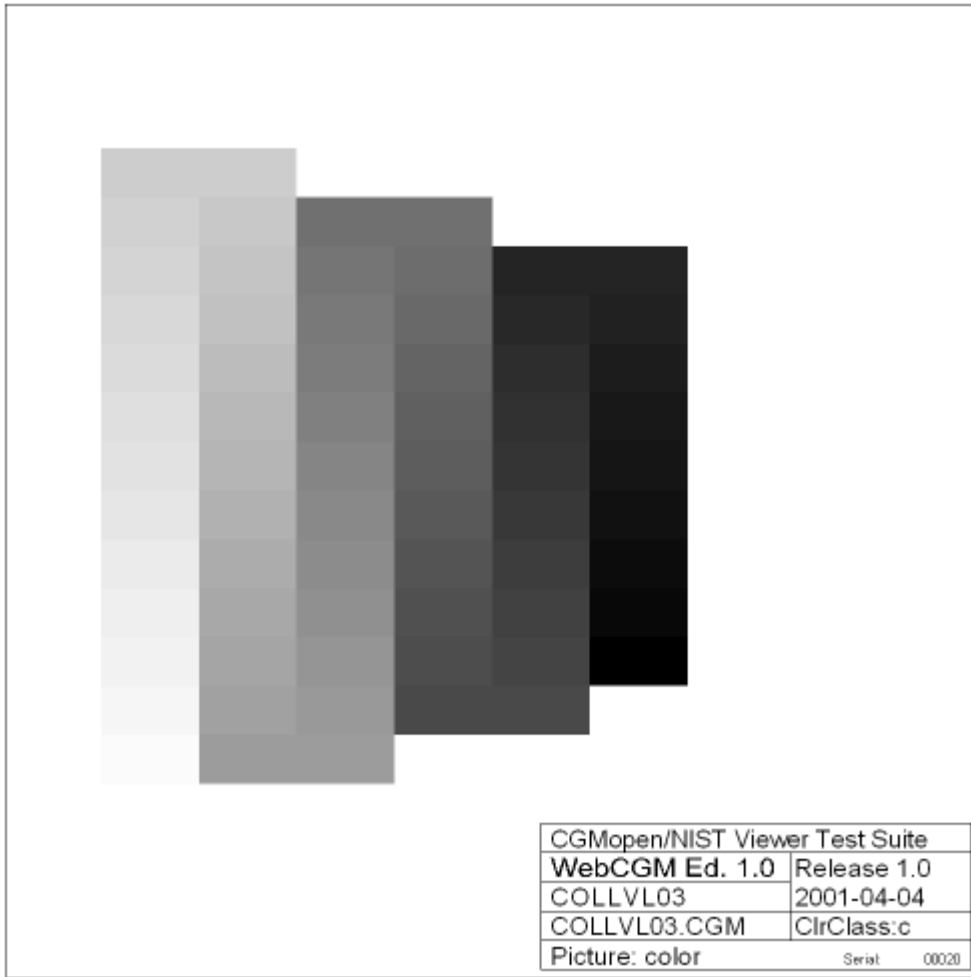
Produced by Docuneering Ltd.

1.2.12 COLLVL03



COLLVL03-CGM

Fig 19, Sheet 1 of 2 COLLVL03

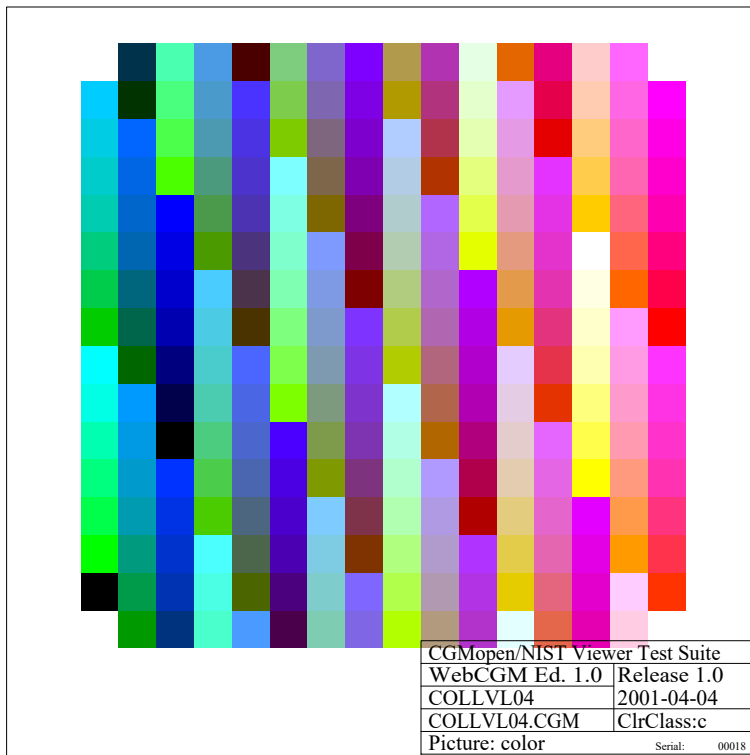


COLLVL03-PNG

Fig 19, Sheet 2 of 2 COLLVL03

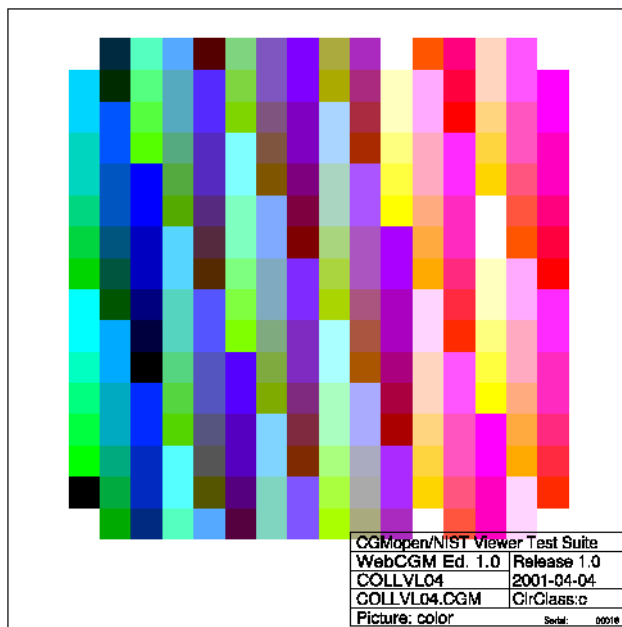
Produced by Docuneering Ltd.

1.2.13 COLLVL04



COLLVL04-CGM

Fig 20, Sheet 1 of 2 COLLVL04

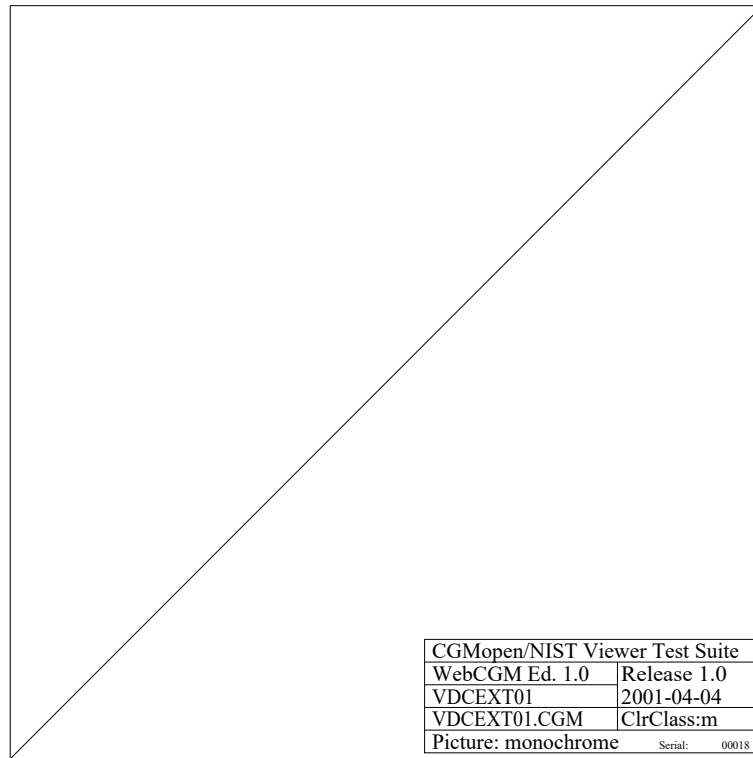


COLLVL04-PNG

Fig 20, Sheet 2 of 2 COLLVL04

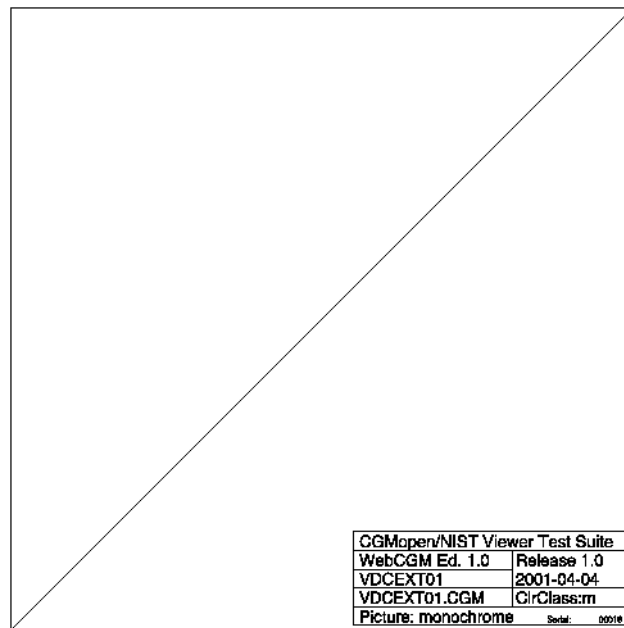
1.3 Coordinate System

1.3.1 VDCEXT01



VDCEXT01-CGM

Fig 21, Sheet 1 of 2 VDCEXT01

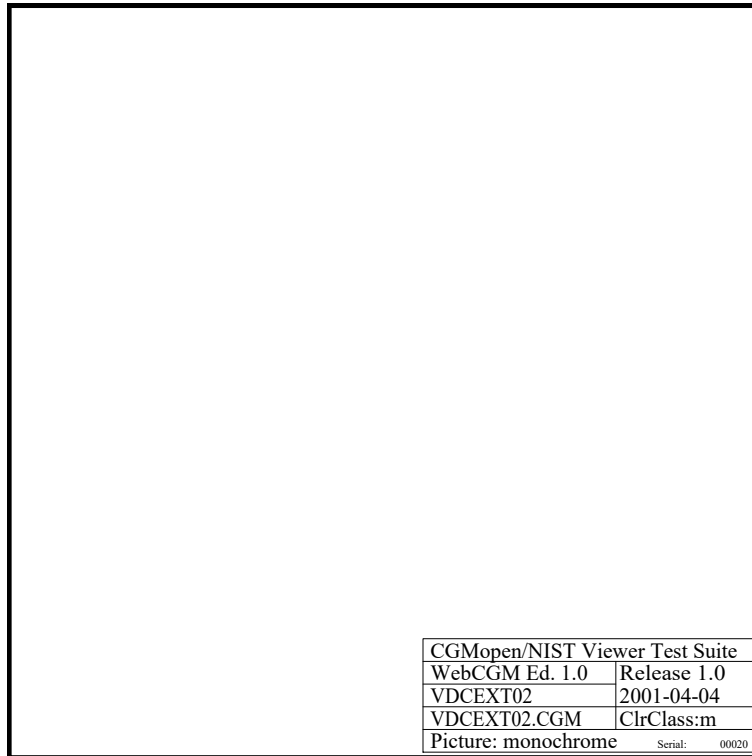


VDCEXT01-PNG

Fig 21, Sheet 2 of 2 VDCEXT01

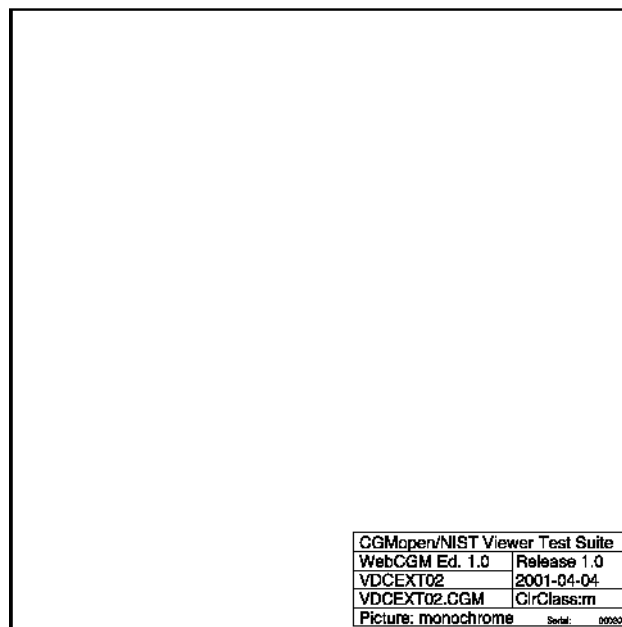
Produced by Docuneering Ltd.

1.3.2 VDCEXT02



VDCEXT02-CGM

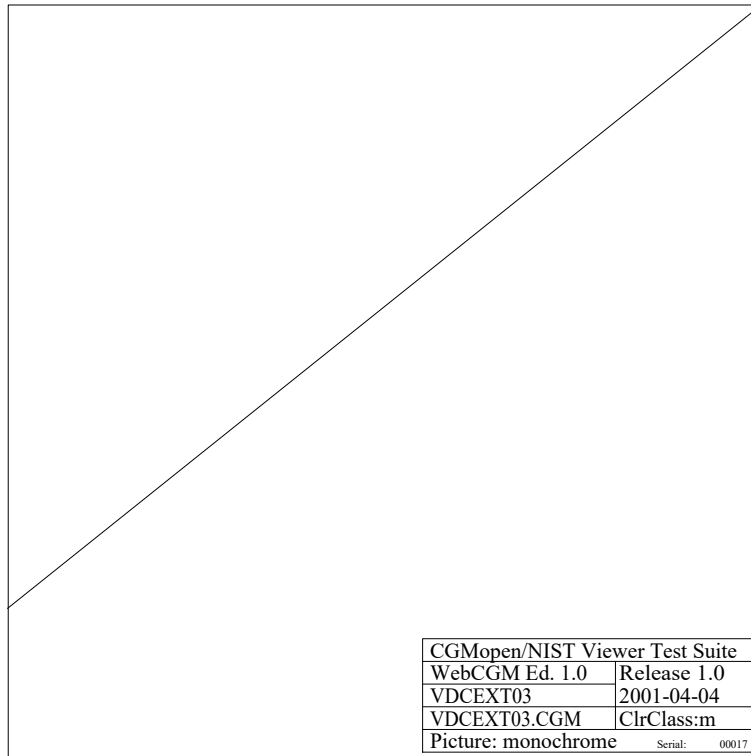
Fig 22, Sheet 1 of 2 VDCEXT02



VDCEXT02-PNG

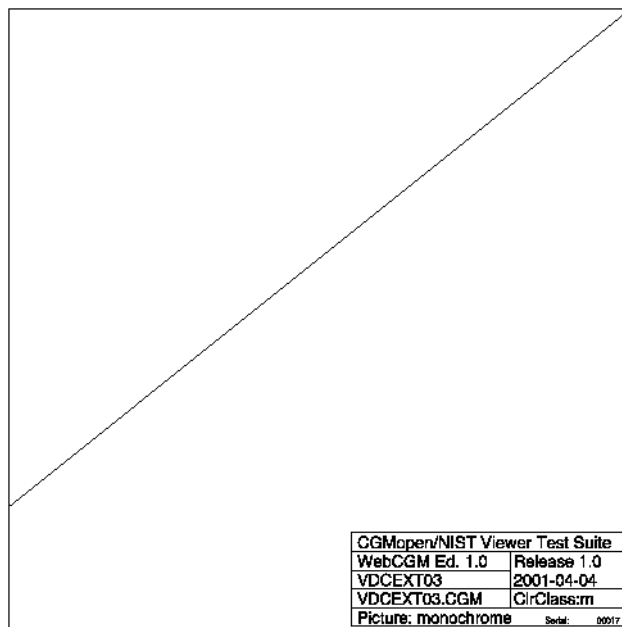
Fig 22, Sheet 2 of 2 VDCEXT02

1.3.3 VDCEXT03



VDCEXT03-CGM

Fig 23, Sheet 1 of 2 VDCEXT03

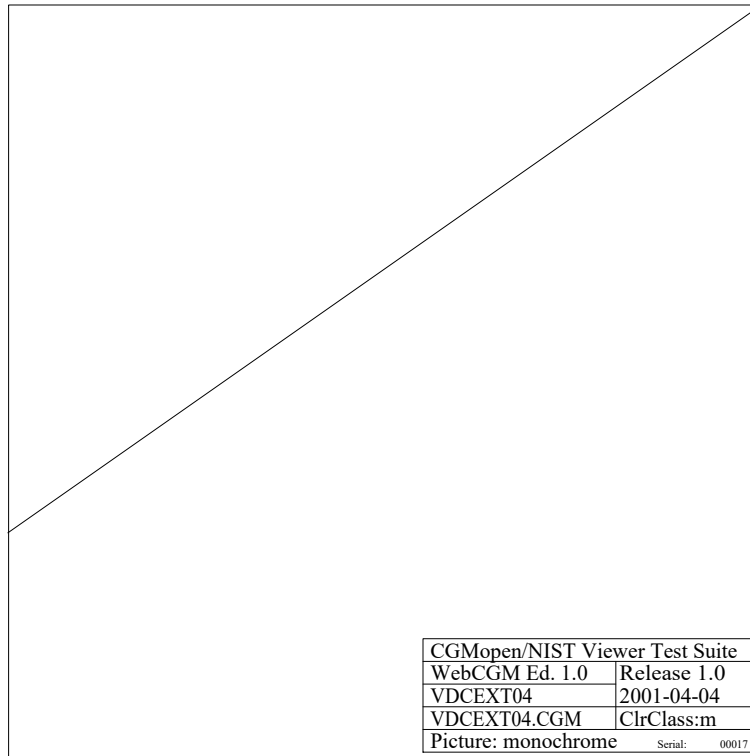


VDCEXT03-PNG

Fig 23, Sheet 2 of 2 VDCEXT03

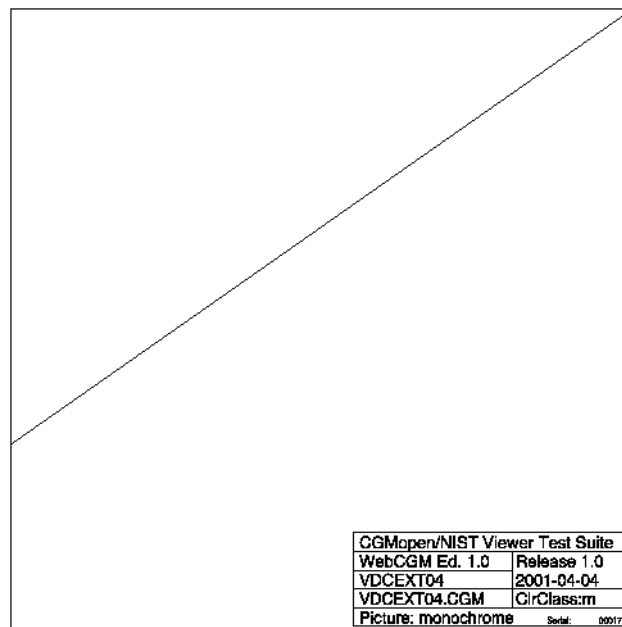
Produced by Docuneering Ltd.

1.3.4 VDCEXT04



VDCEXT04-CGM

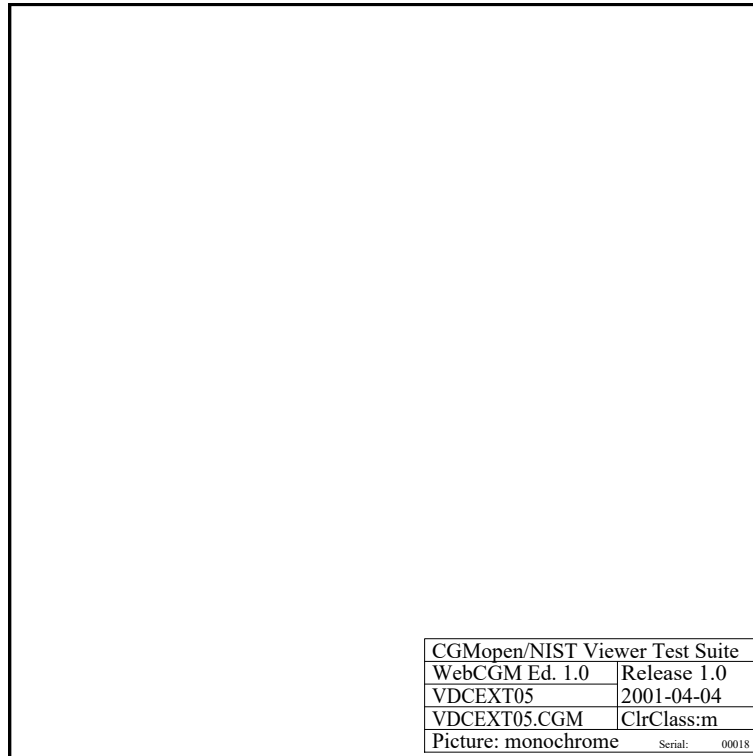
Fig 24, Sheet 1 of 2 VDCEXT04



VDCEXT04-PNG

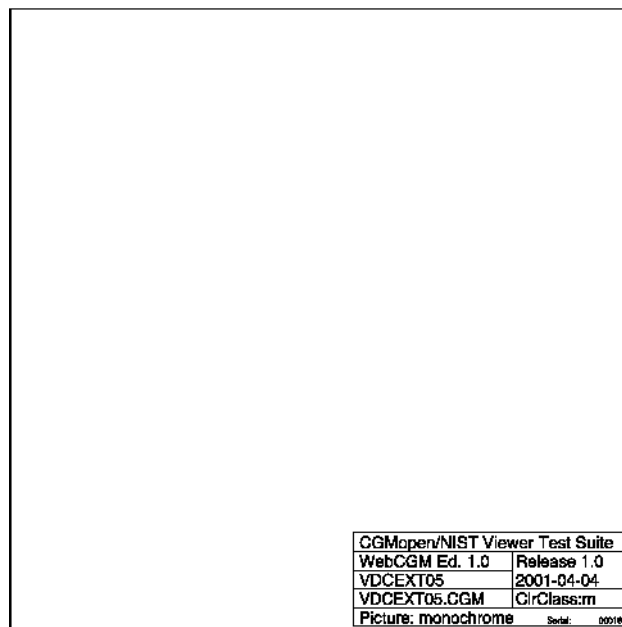
Fig 24, Sheet 2 of 2 VDCEXT04

1.3.5 VDCEXT05



VDCEXT05-CGM

Fig 25, Sheet 1 of 2 VDCEXT05

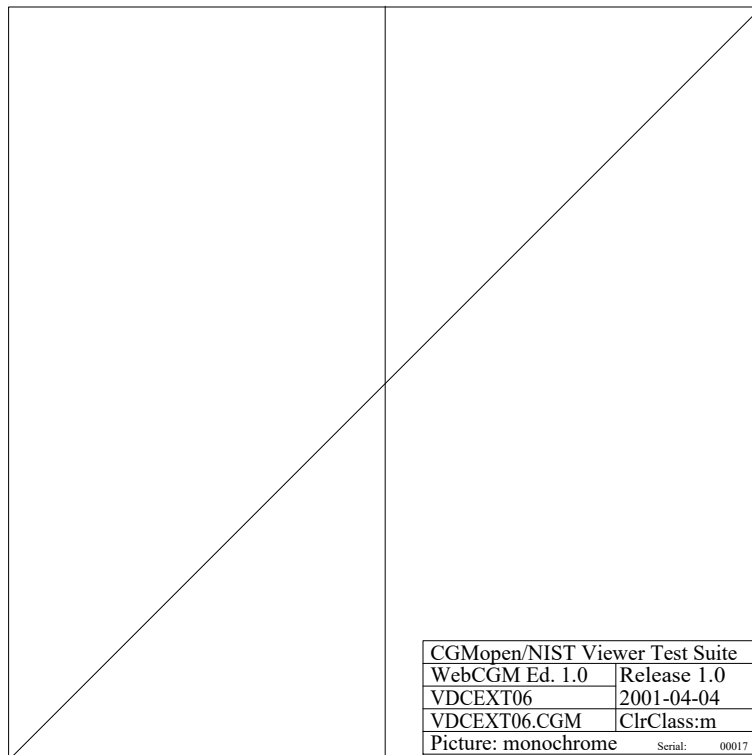


VDCEXT05-PNG

Fig 25, Sheet 2 of 2 VDCEXT05

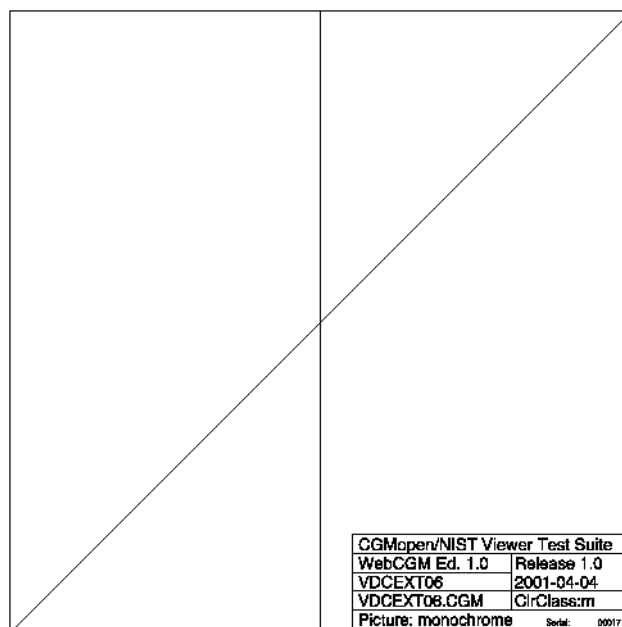
Produced by Docuneering Ltd.

1.3.6 VDCEXT06



VDCEXT06-CGM

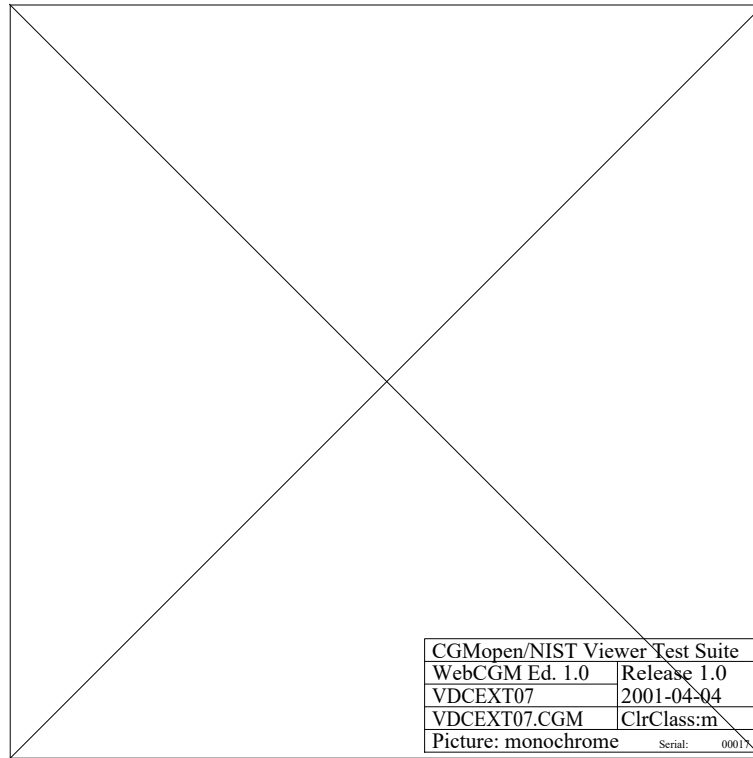
Fig 26, Sheet 1 of 2 VDCEXT06



VDCEXT06-PNG

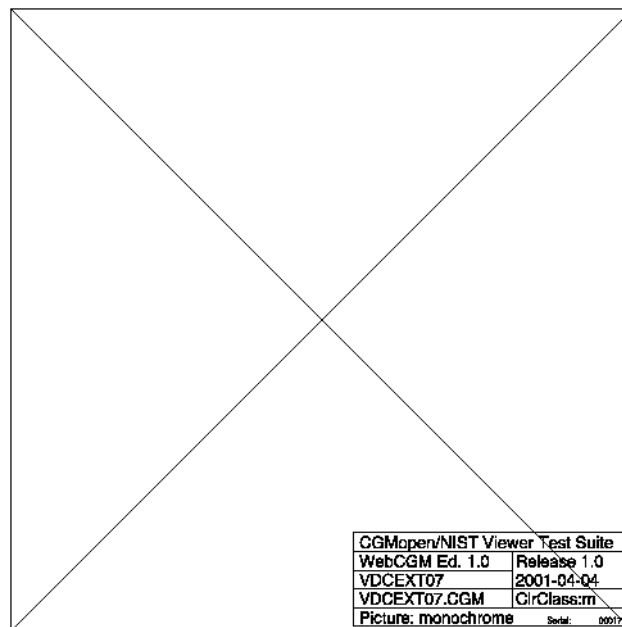
Fig 26, Sheet 2 of 2 VDCEXT06

1.3.7 VDCEXT07



VDCEXT07-CGM

Fig 27, Sheet 1 of 2 VDCEXT07

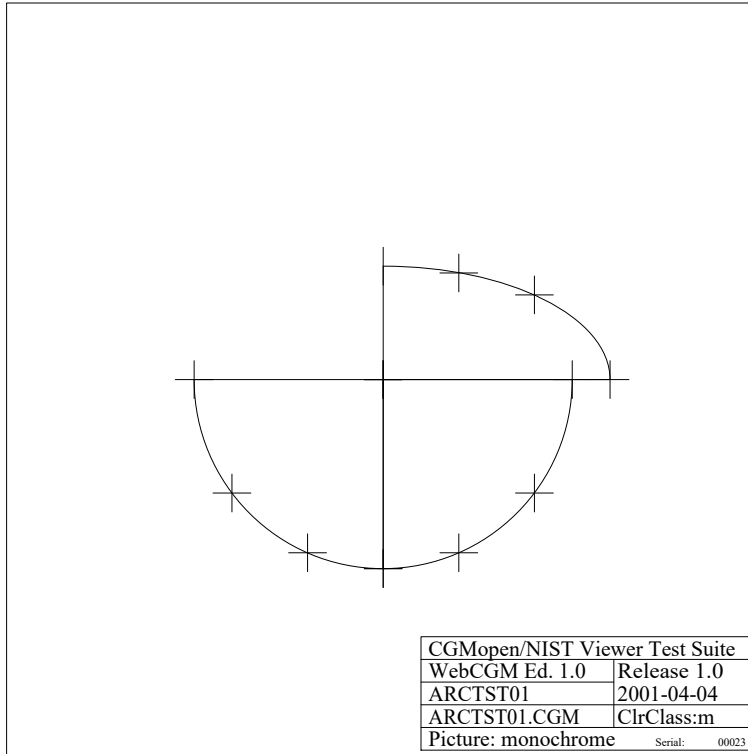


VDCEXT07-PNG

Fig 27, Sheet 2 of 2 VDCEXT07

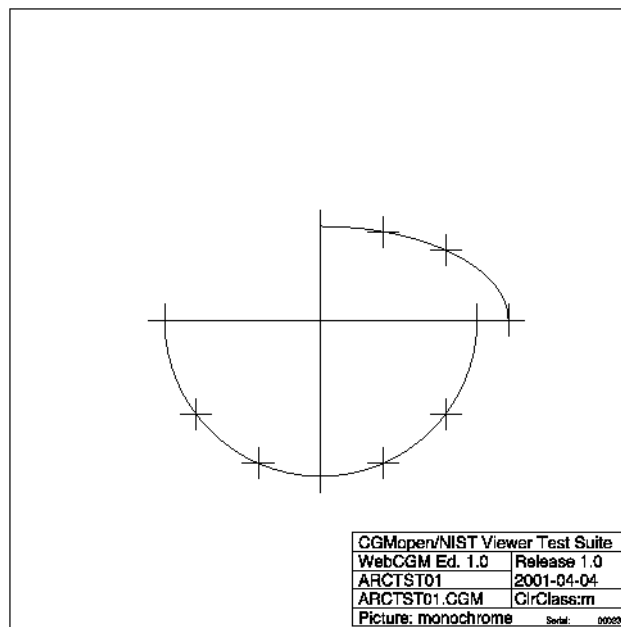
Produced by Docuneering Ltd.

1.3.8 ARCTST01



ARCTST01-CGM

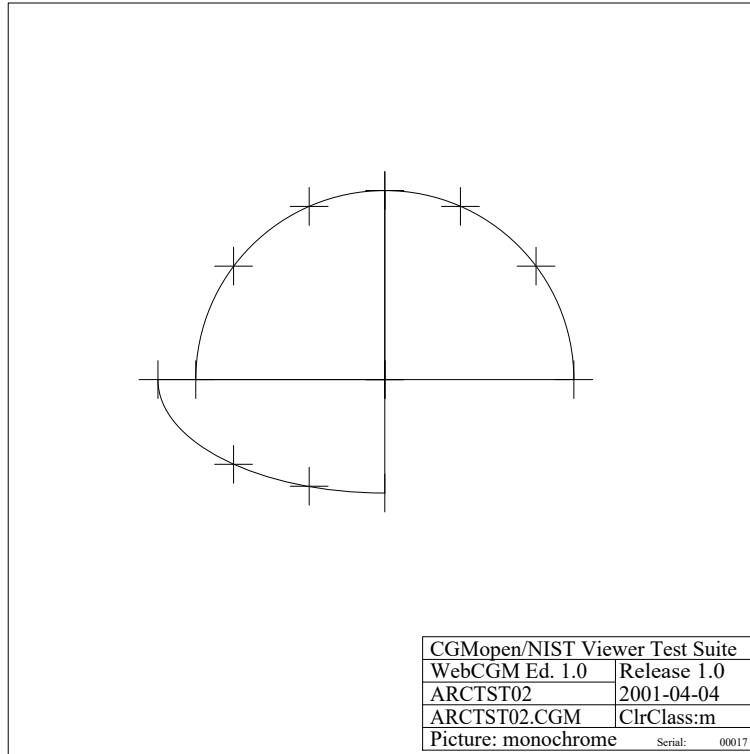
Fig 28, Sheet 1 of 2 ARCTST01



ARCTST01-PNG

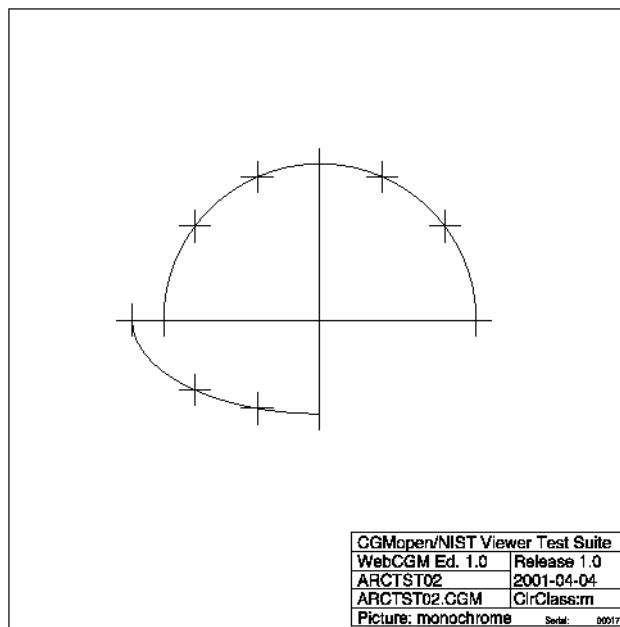
Fig 28, Sheet 2 of 2 ARCTST01

1.3.9 ARCTST02



ARCTST02-CGM

Fig 29, Sheet 1 of 2 ARCTST02

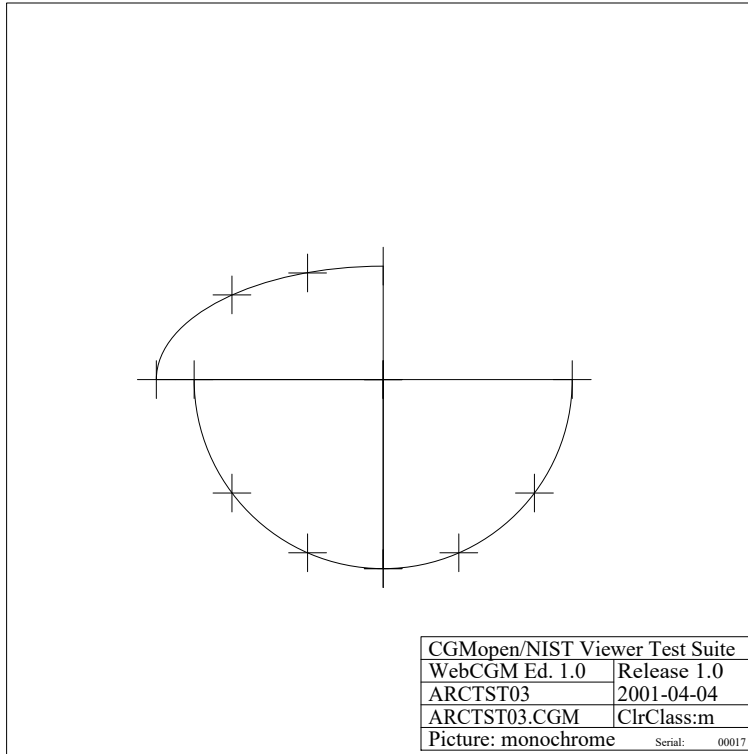


ARCTST02-PNG

Fig 29, Sheet 2 of 2 ARCTST02

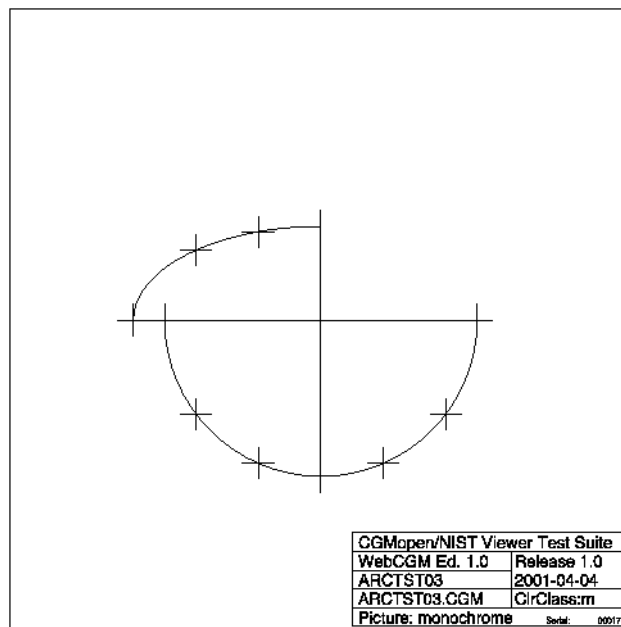
Produced by Docuneering Ltd.

1.3.10 ARCTST03



ARCTST03-CGM

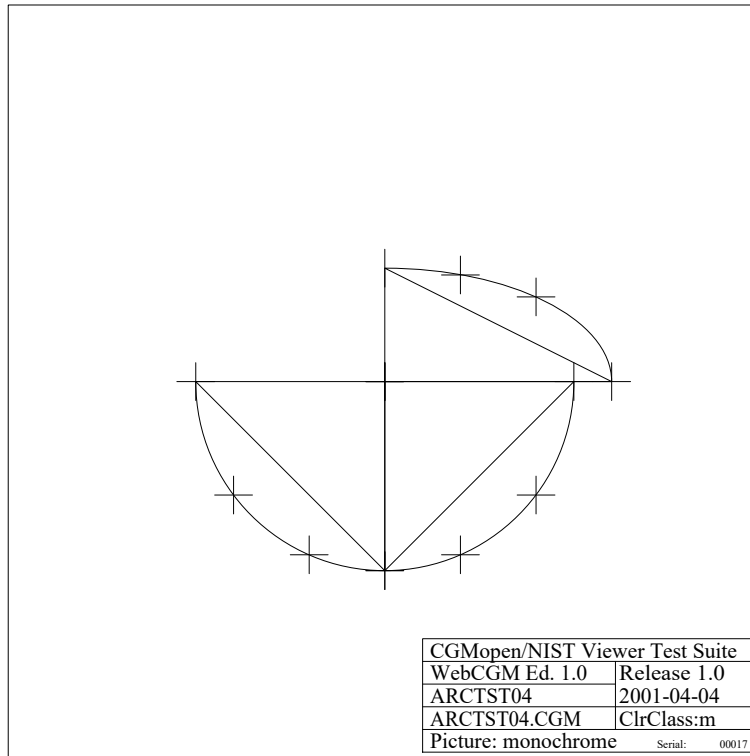
Fig 30, Sheet 1 of 2 ARCTST03



ARCTST03-PNG

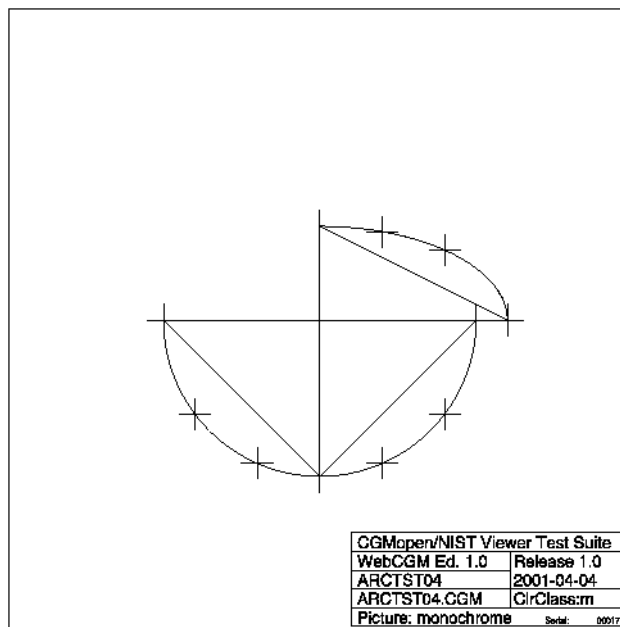
Fig 30, Sheet 2 of 2 ARCTST03

1.3.11 ARCTST04



ARCTST04-CGM

Fig 31, Sheet 1 of 2 ARCTST04

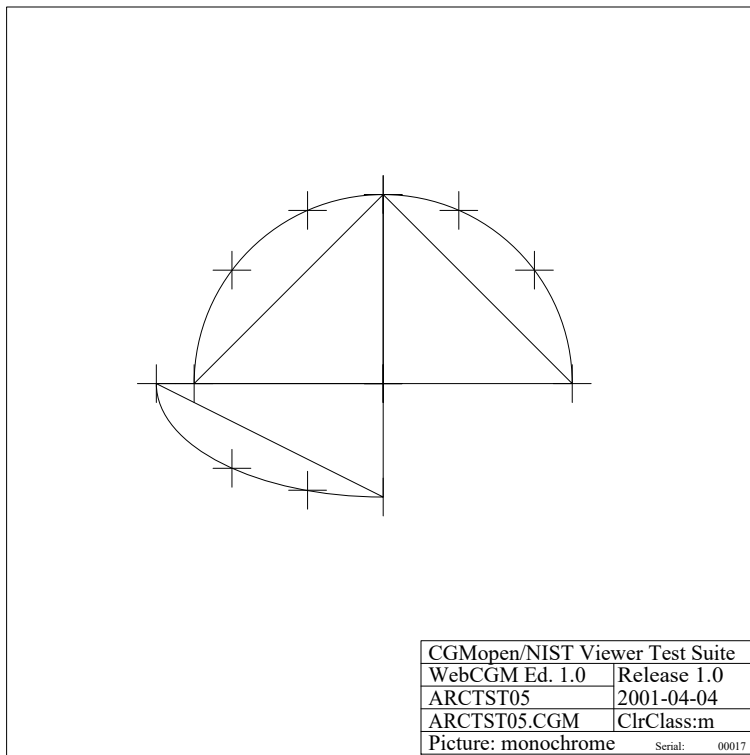


ARCTST04-PNG

Fig 31, Sheet 2 of 2 ARCTST04

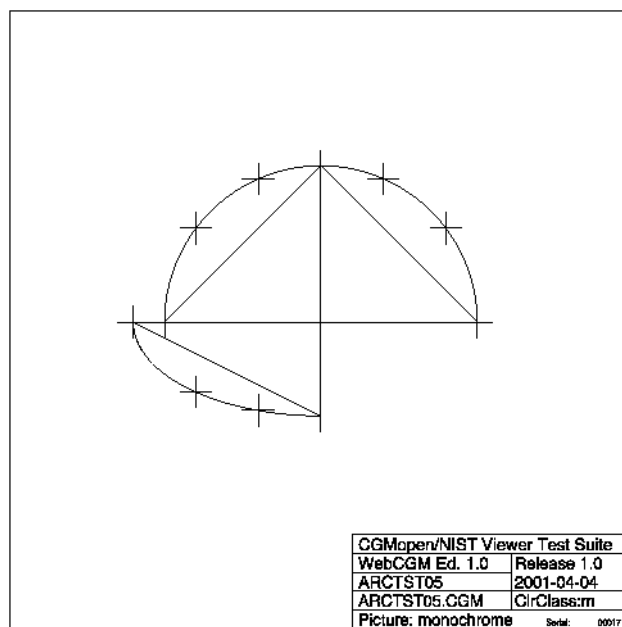
Produced by Docuneering Ltd.

1.3.12 ARCTST05



ARCTST05-CGM

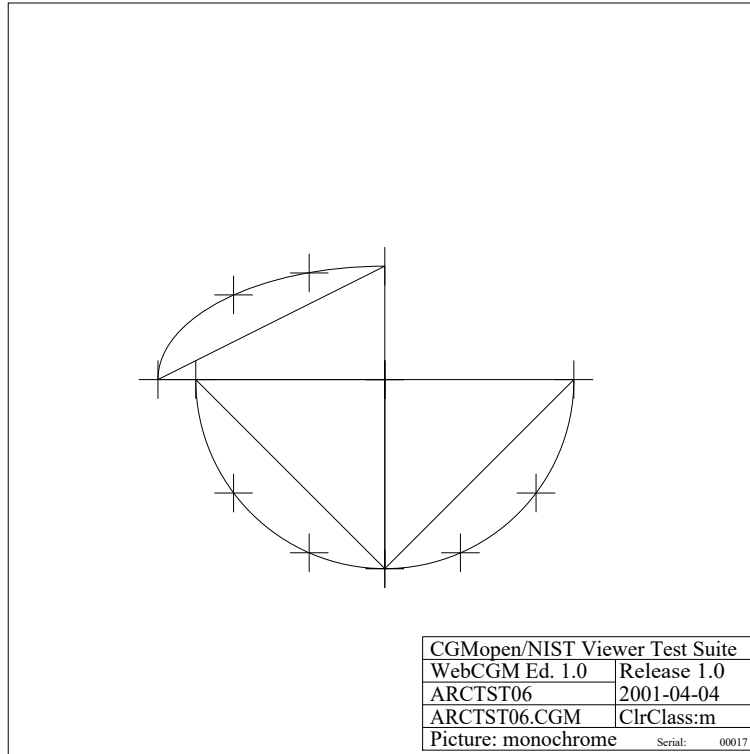
Fig 32, Sheet 1 of 2 ARCTST05



ARCTST05-PNG

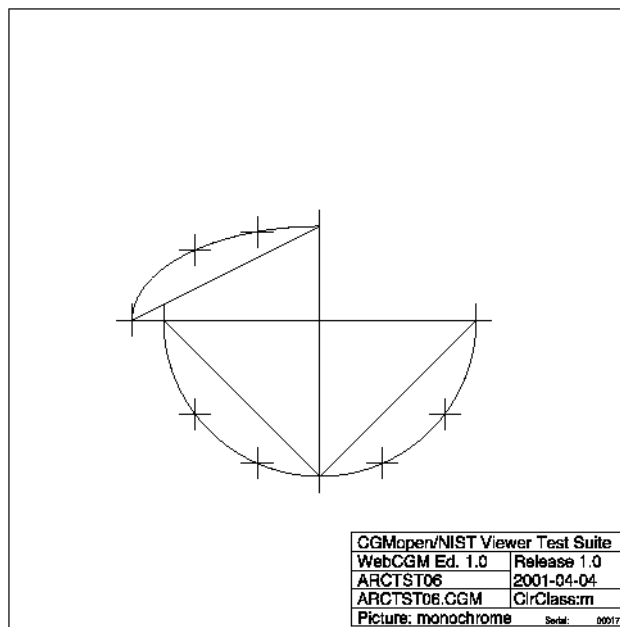
Fig 32, Sheet 2 of 2 ARCTST05

1.3.13 ARCTST06



ARCTST06-CGM

Fig 33, Sheet 1 of 2 ARCTST06



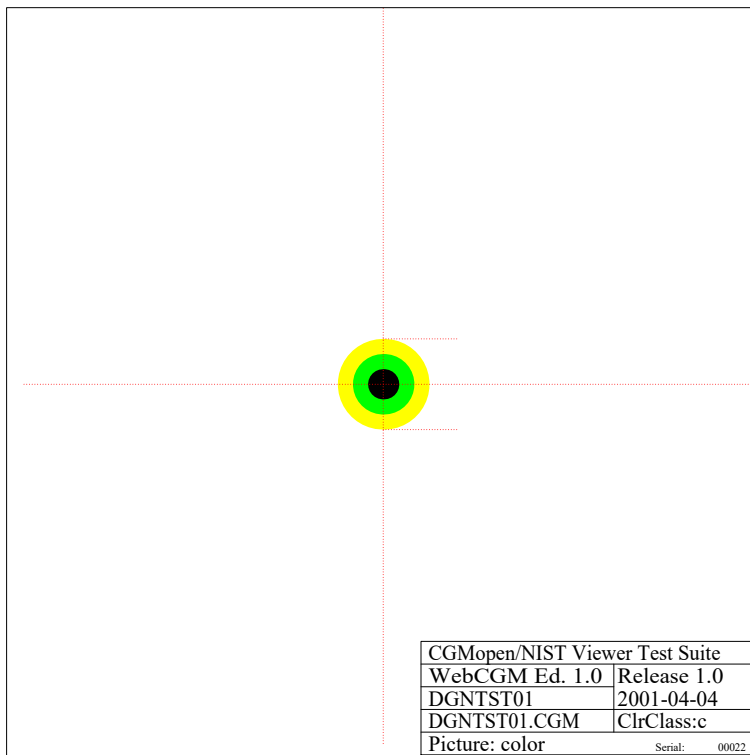
ARCTST06-PNG

Fig 33, Sheet 2 of 2 ARCTST06

Produced by Docuneering Ltd.

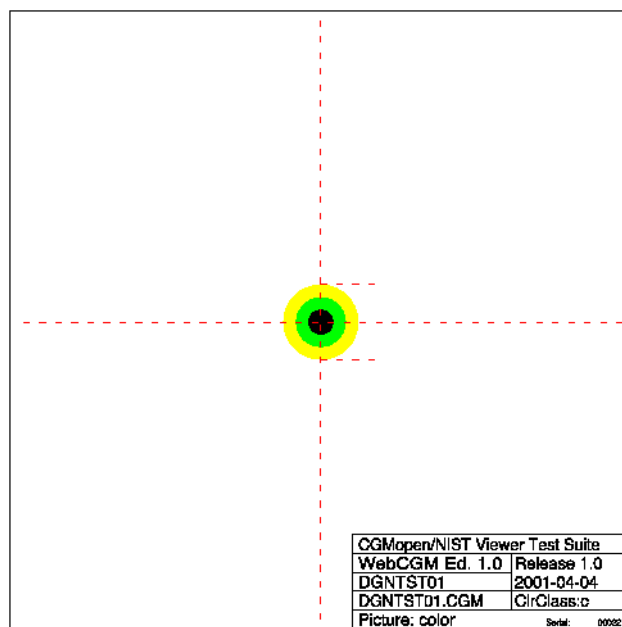
1.4 Degeneracies

1.4.1 DGNTST01



DGNTST01-CGM

Fig 34, Sheet 1 of 2 DGNTST01



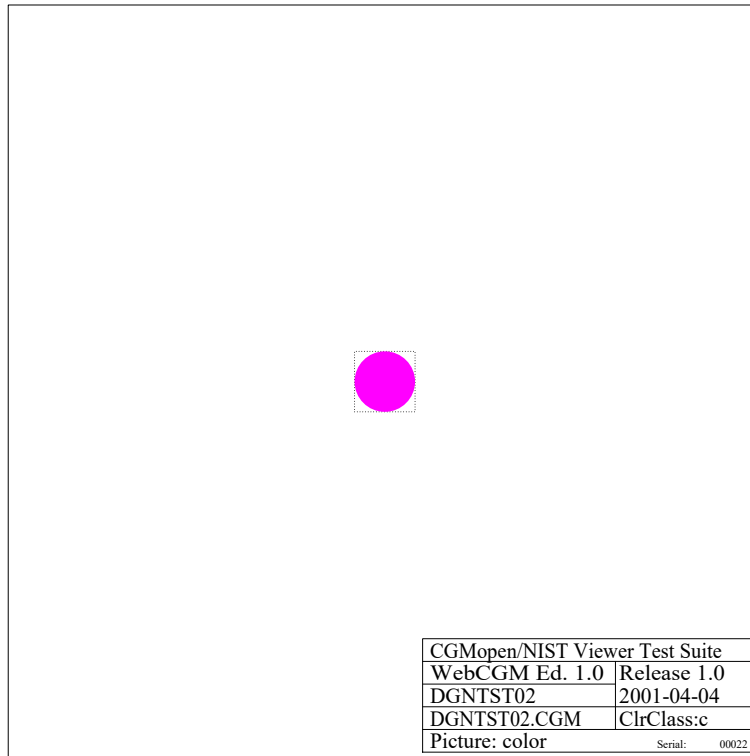
DGNTST01-PNG

Fig 34, Sheet 2 of 2 DGNTST01

Applicable to: All

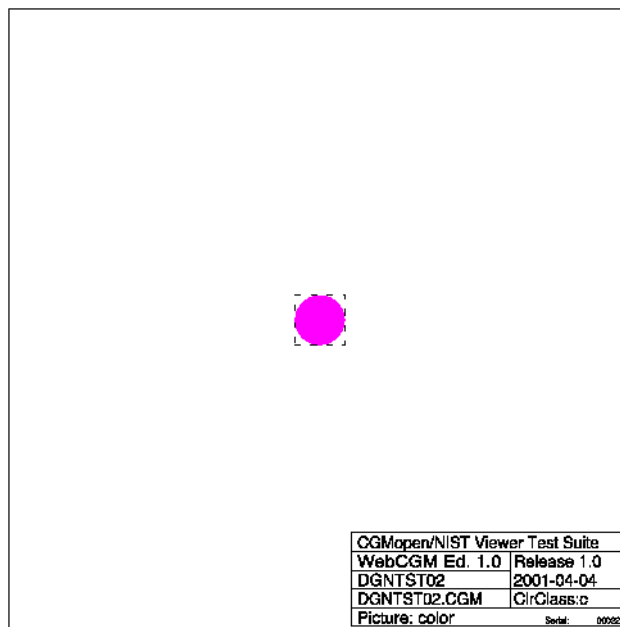
TEST41-A-00-00-00-01A-040A-A

1.4.2 DGNTST02



DGNTST02-CGM

Fig 35, Sheet 1 of 2 DGNTST02

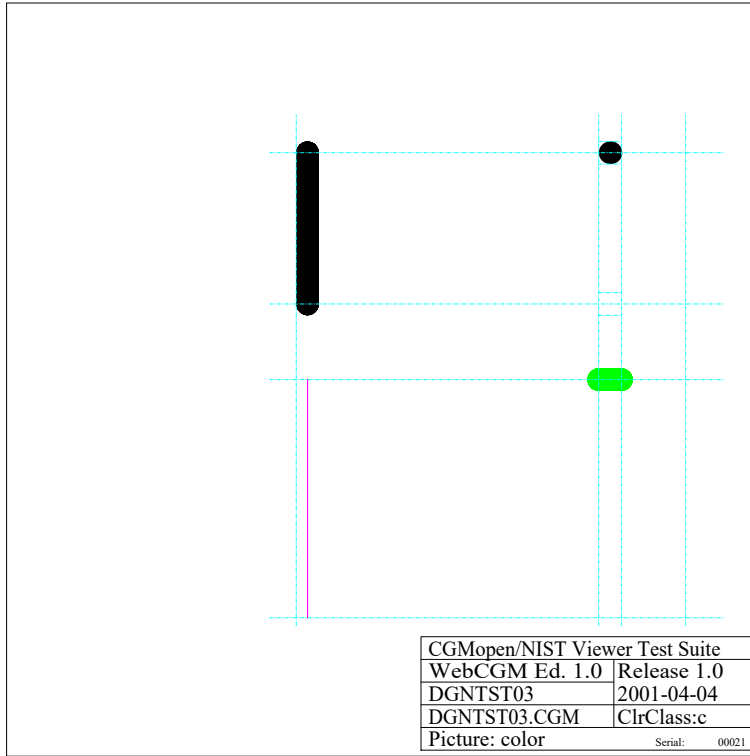


DGNTST02-PNG

Fig 35, Sheet 2 of 2 DGNTST02

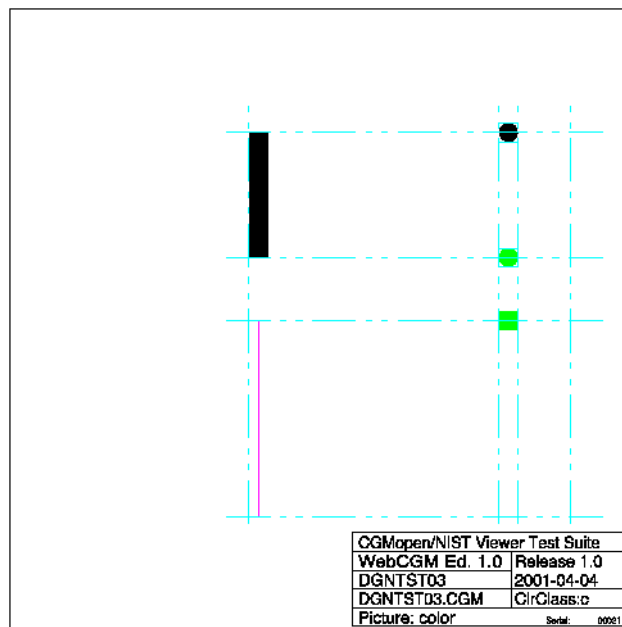
Produced by Docuneering Ltd.

1.4.3 DGNTST03



DGNTST03-CGM

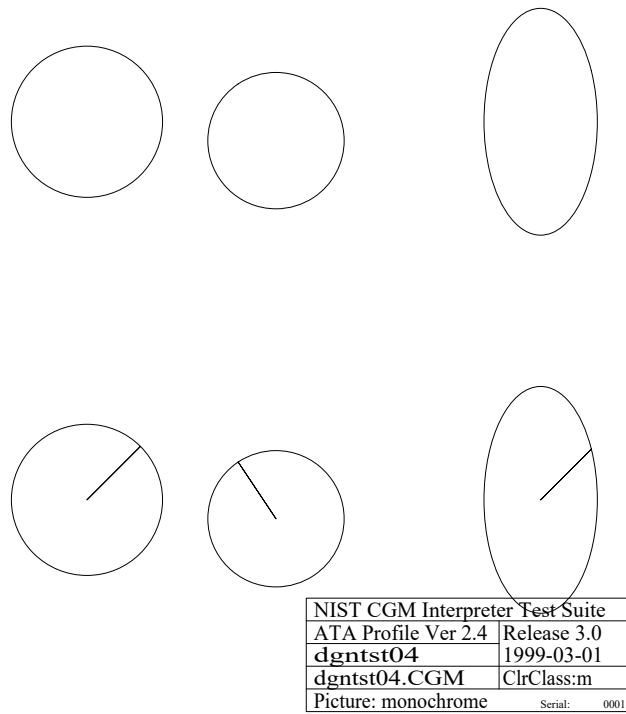
Fig 36, Sheet 1 of 2 DGNTST03



DGNTST03-PNG

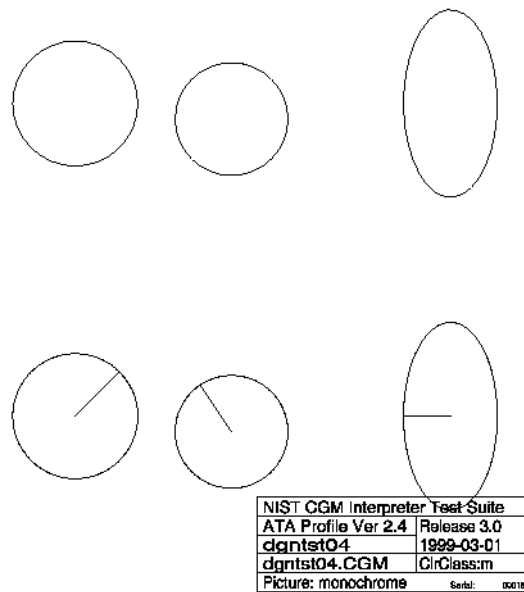
Fig 36, Sheet 2 of 2 DGNTST03

1.4.4 DGNTST04



DGNTST04-CGM

Fig 37, Sheet 1 of 2 DGNTST04

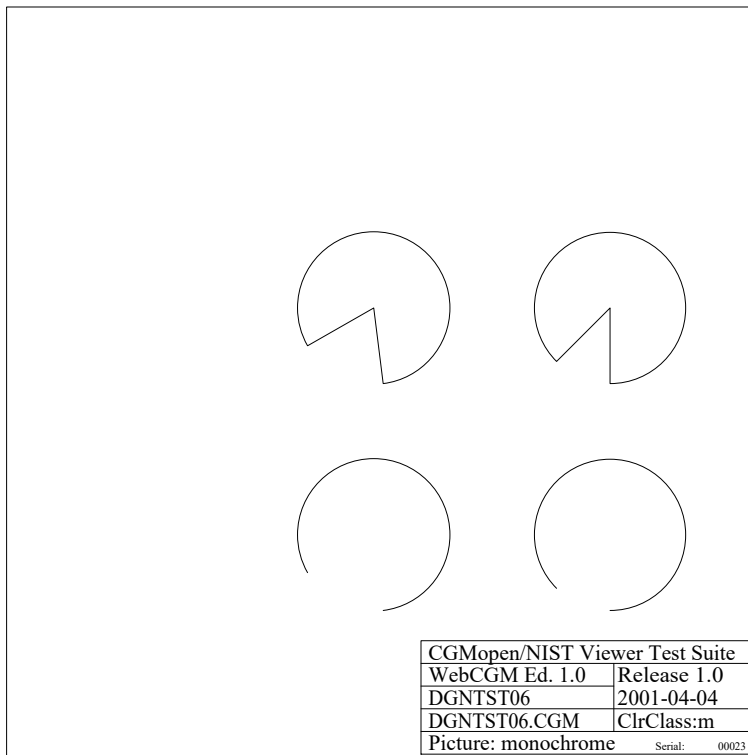


DGNTST04-PNG

Fig 37, Sheet 2 of 2 DGNTST04

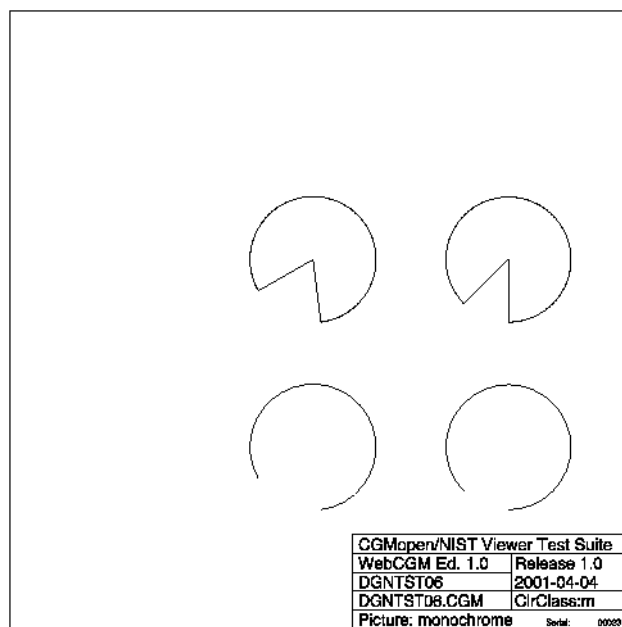
Produced by Docuengineering Ltd.

1.4.5 DGNTST06



DGNTST06-CGM

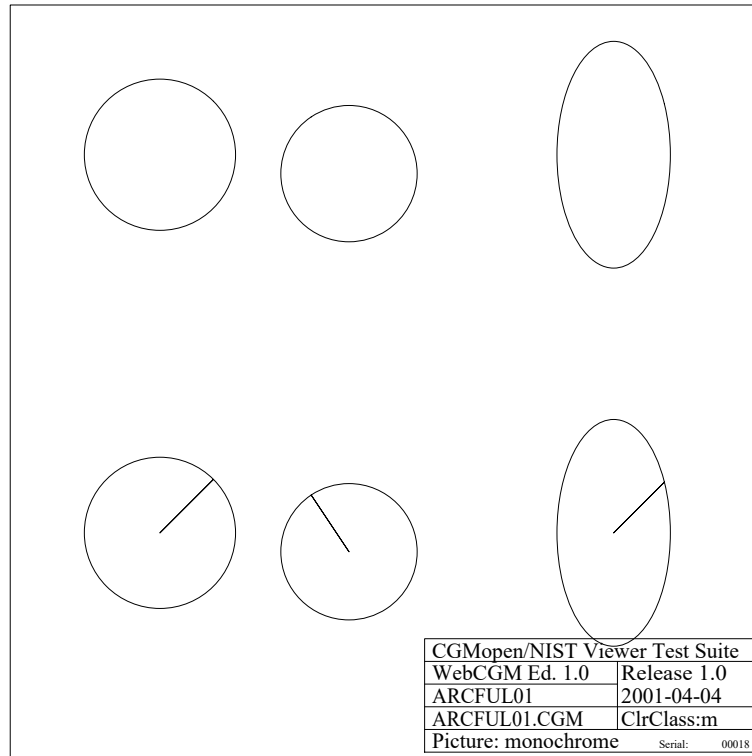
Fig 38, Sheet 1 of 2 DGNTST06



DGNTST06-PNG

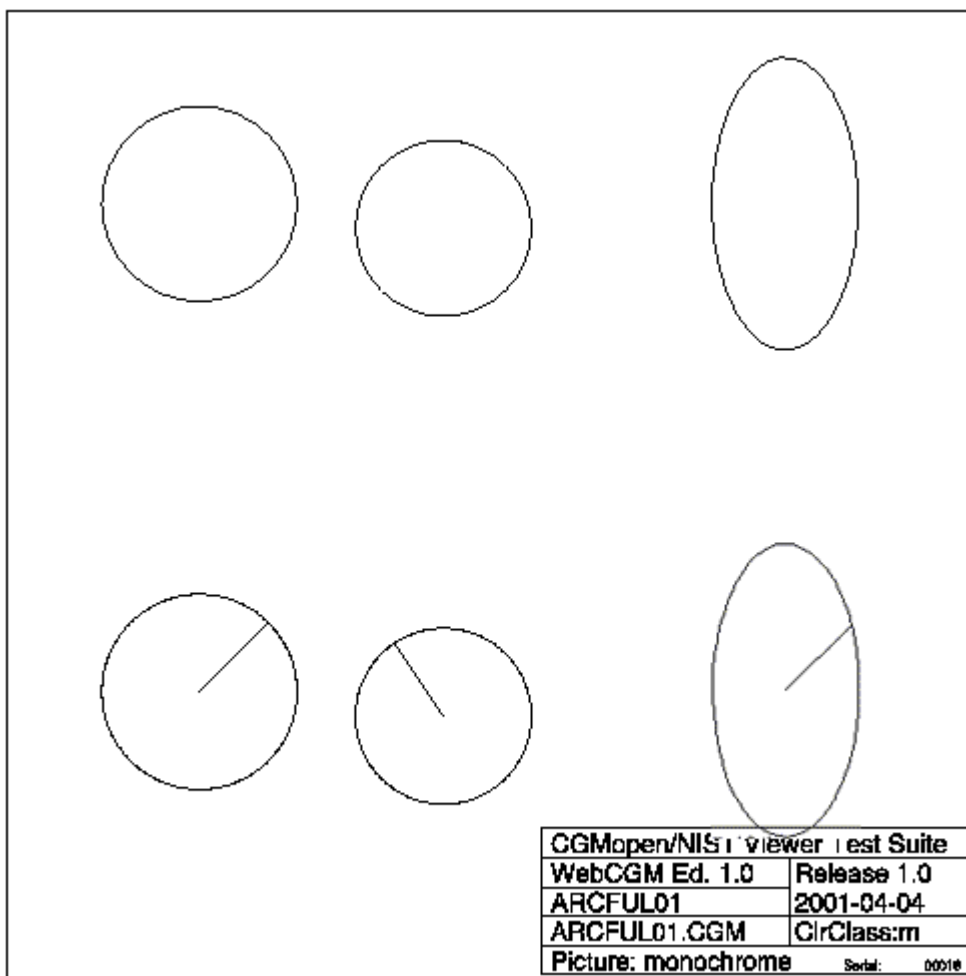
Fig 38, Sheet 2 of 2 DGNTST06

1.4.6 ARCFUL01



ARCFUL01-CGM

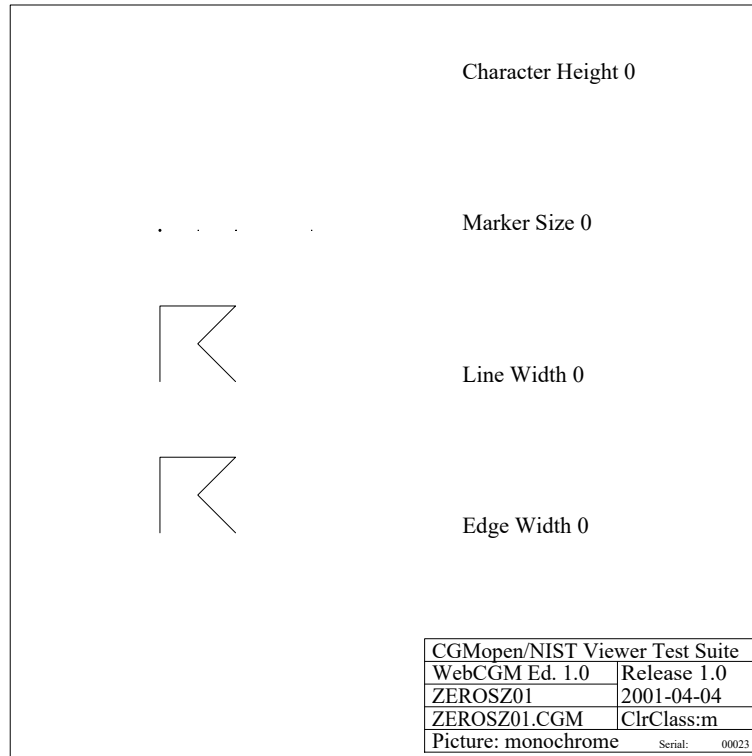
Fig 39, Sheet 1 of 2 ARCFUL01



ARCFUL01-PNG

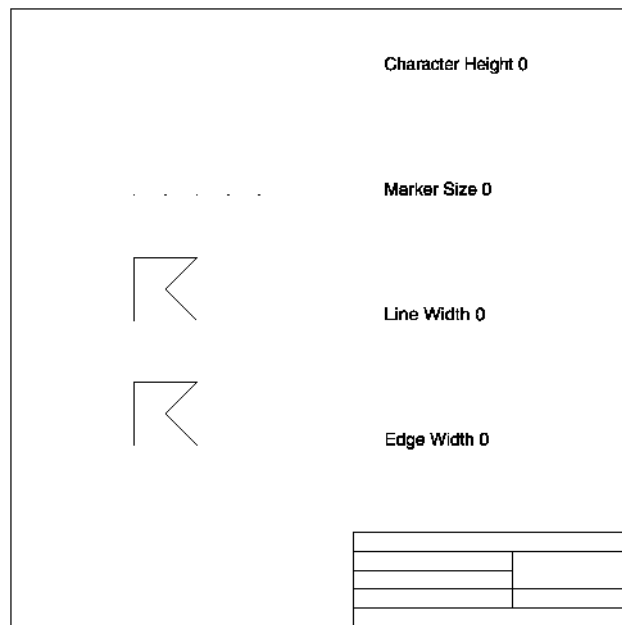
Fig 39, Sheet 2 of 2 ARCFUL01

1.4.7 ZEROSZ01



ZEROSZ01-CGM

Fig 40, Sheet 1 of 2 ZEROSZ01



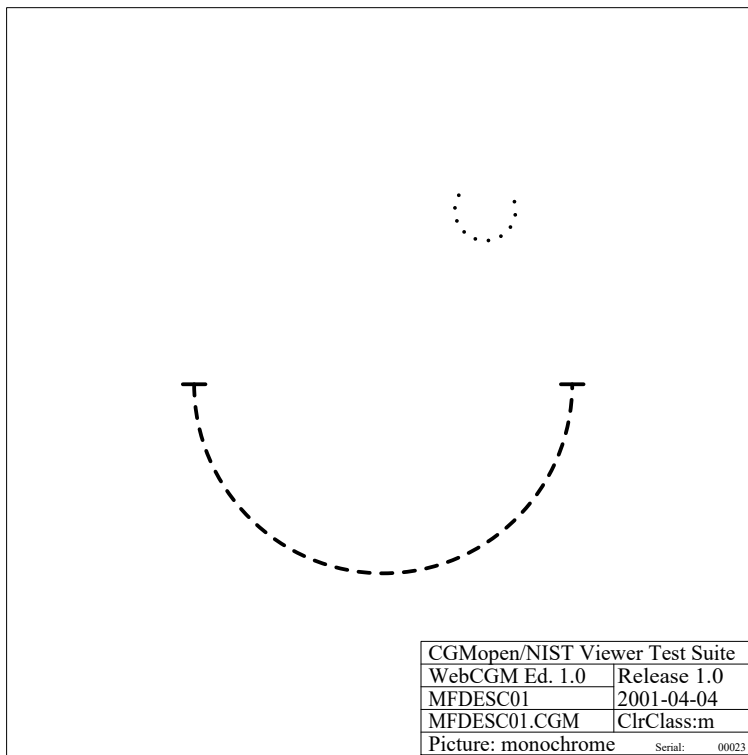
ZEROSZ01-PNG

Fig 40, Sheet 2 of 2 ZEROSZ01

Produced by Docuneering Ltd.

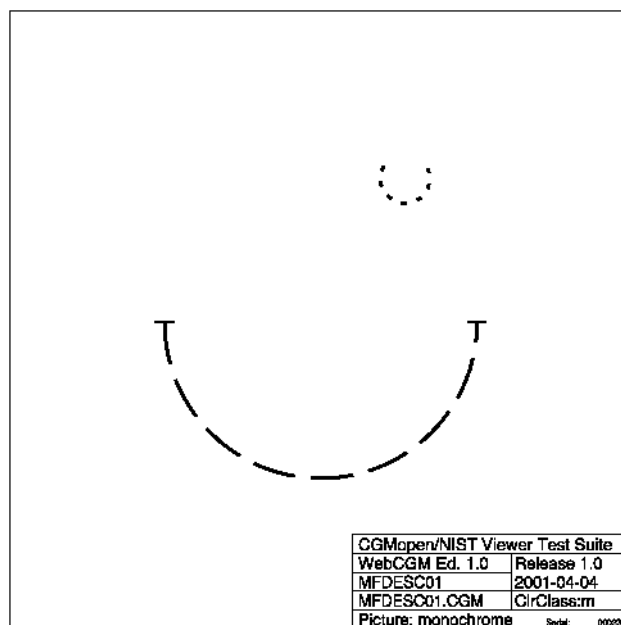
1.5 Descriptor Elements

1.5.1 MFDESC01



MFDESC01-CGM

Fig 41, Sheet 1 of 2 MFDESC01



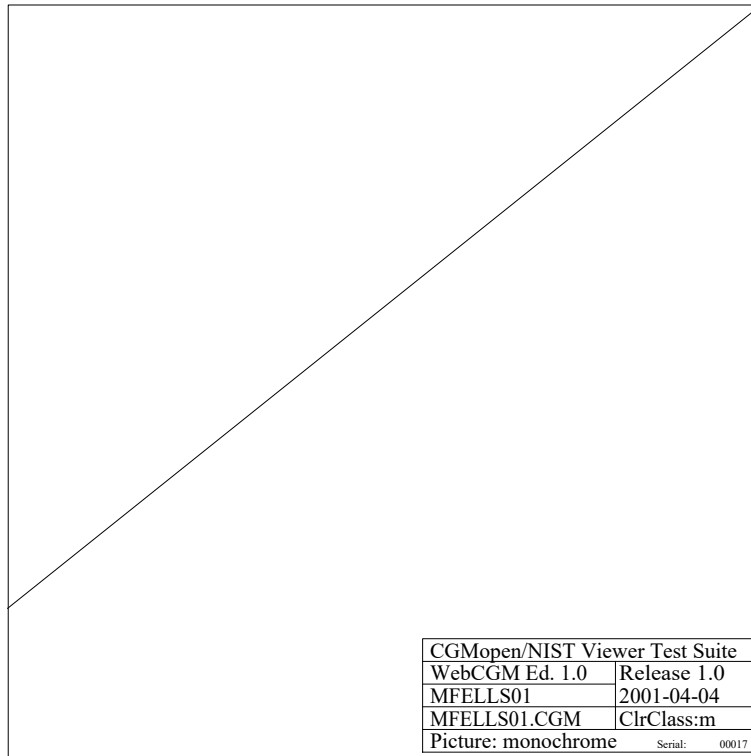
MFDESC01-PNG

Fig 41, Sheet 2 of 2 MFDESC01

Applicable to: All

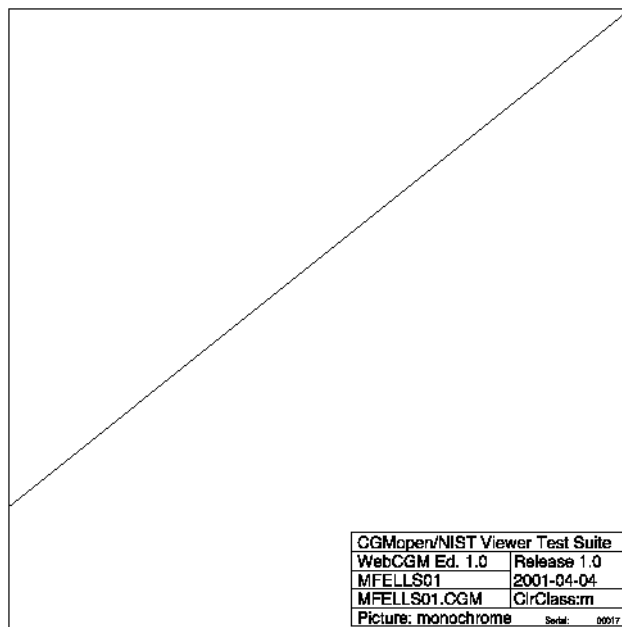
TEST41-A-00-00-00-01A-040A-A

1.5.2 MFELLS01



MFELLS01-CGM

Fig 42, Sheet 1 of 2 MFELLS01

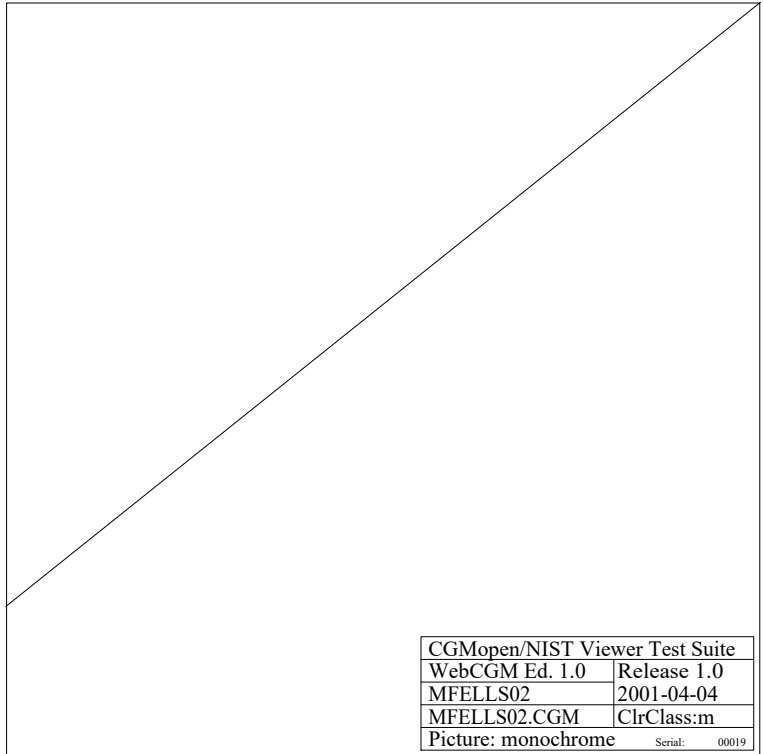


MFELLS01-PNG

Fig 42, Sheet 2 of 2 MFELLS01

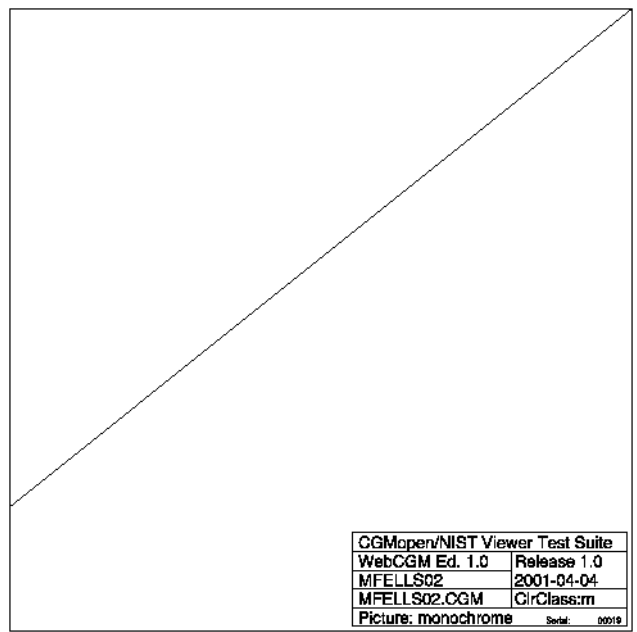
Produced by Docuneering Ltd.

1.5.3 MFELLS02



MFELLS02-CGM

Fig 43, Sheet 1 of 2 MFELLS02

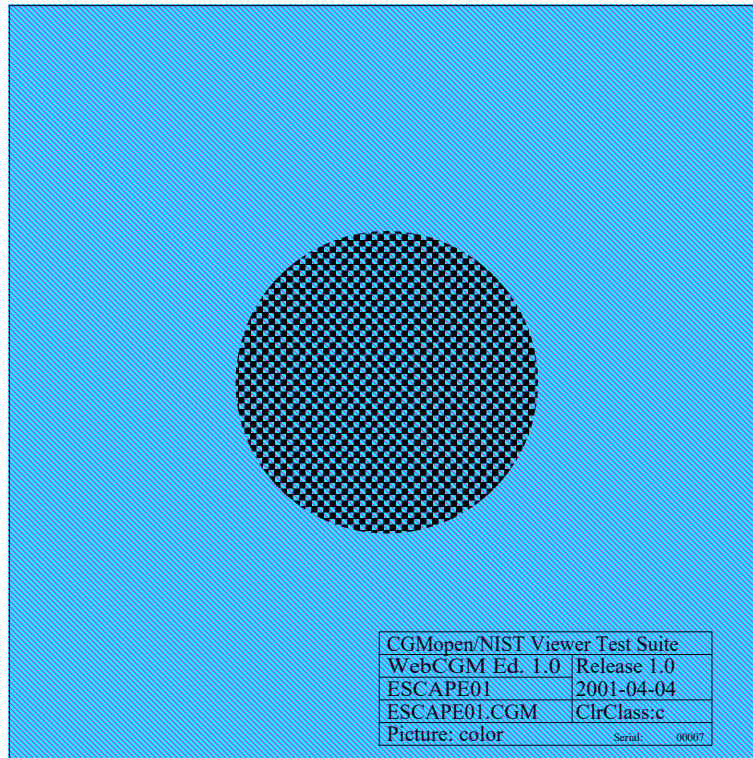


MFELLS02-PNG

Fig 43, Sheet 2 of 2 MFELLS02

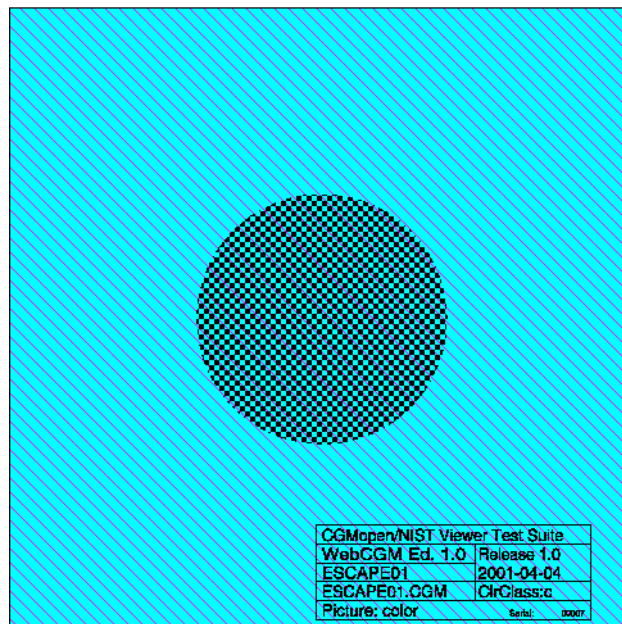
1.6 Escape Element

1.6.1 ESCAPE01



ESCAPE01-CGM

Fig 44, Sheet 1 of 2 ESCAPE01



ESCAPE01-PNG

Fig 44, Sheet 2 of 2 ESCAPE01

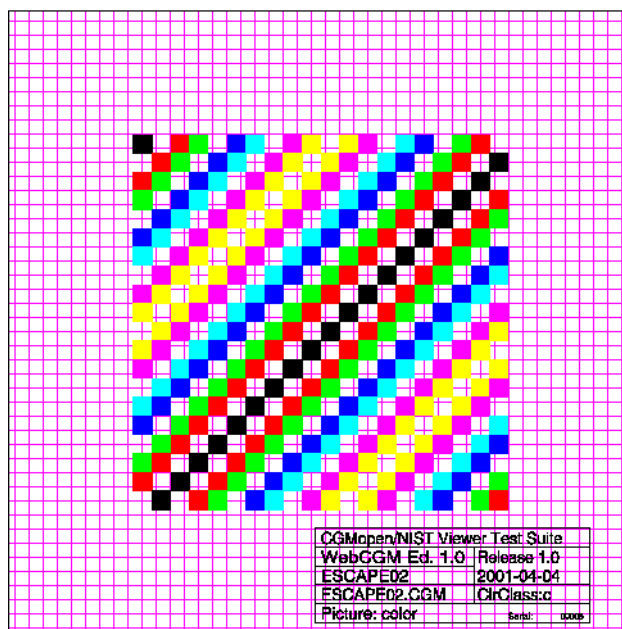
Produced by Docuneering Ltd.

1.6.2 ESCAPE02



ESCAPE02-CGM

Fig 45, Sheet 1 of 2 ESCAPE02

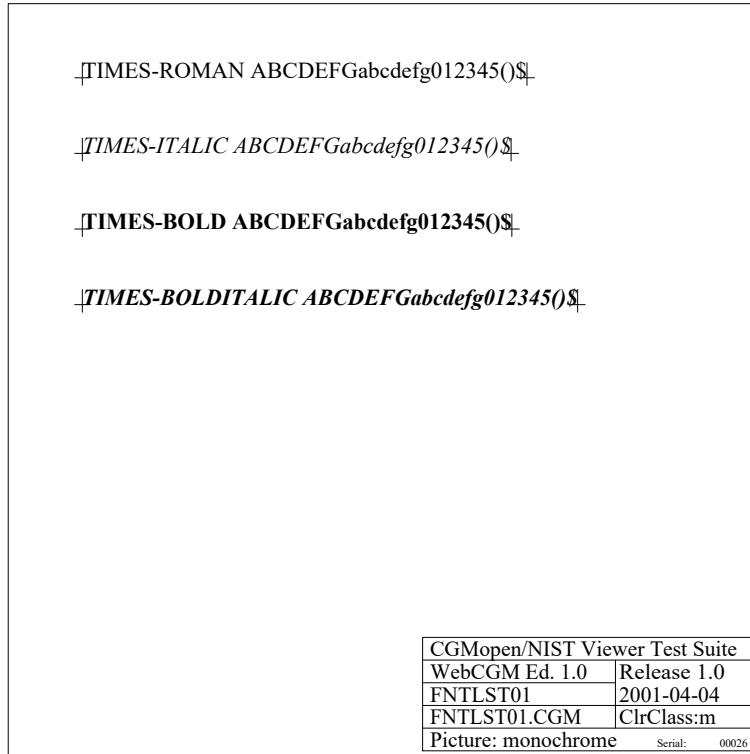


ESCAPE02-PNG

Fig 45, Sheet 2 of 2 ESCAPE02

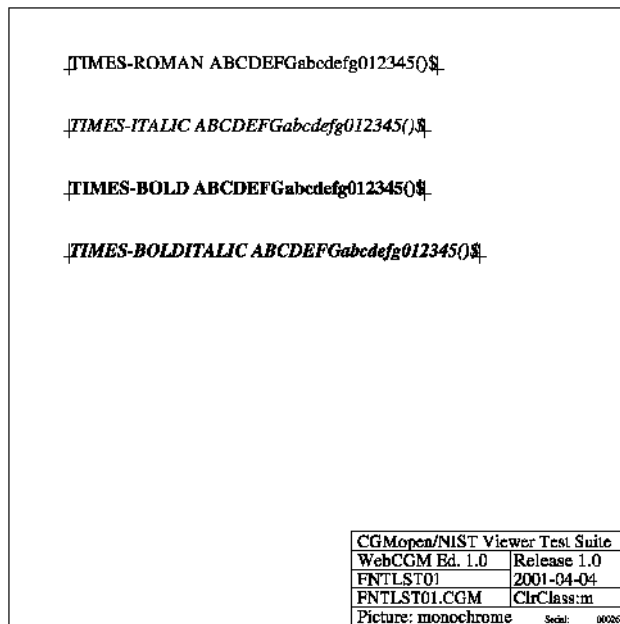
1.7 Fonts and Character Sets

1.7.1 FNTLST01



FNTLST01-CGM

Fig 46, Sheet 1 of 2 FNTLST01

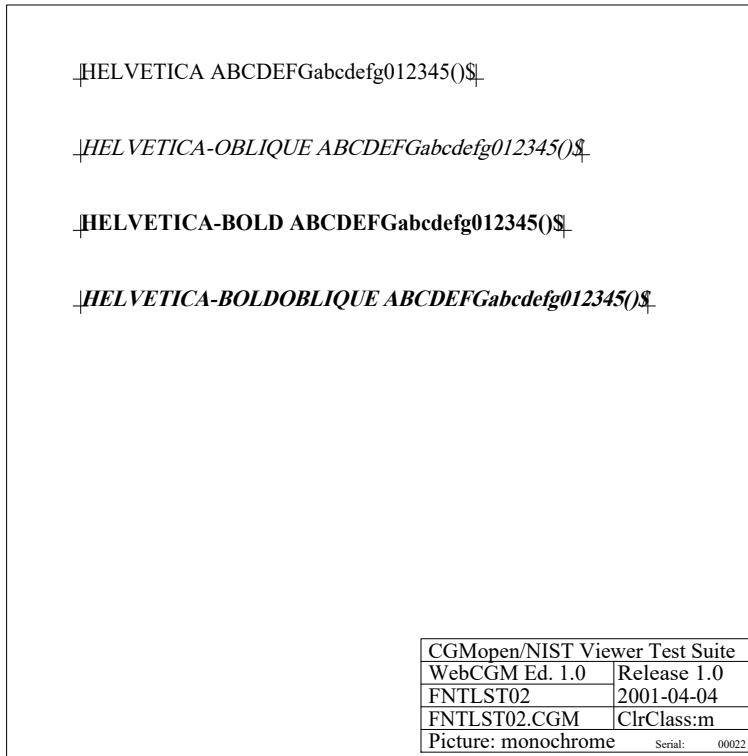


FNTLST01-PNG

Fig 46, Sheet 2 of 2 FNTLST01

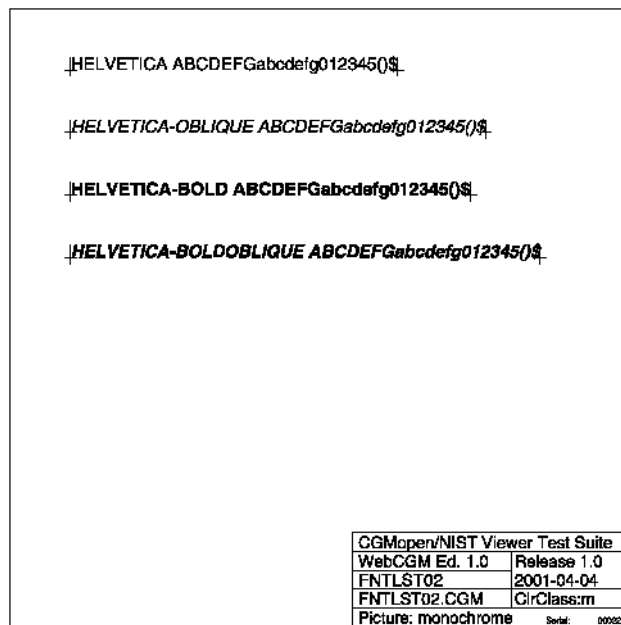
Produced by Docuneering Ltd.

1.7.2 FNTLST02



FNTLST02-CGM

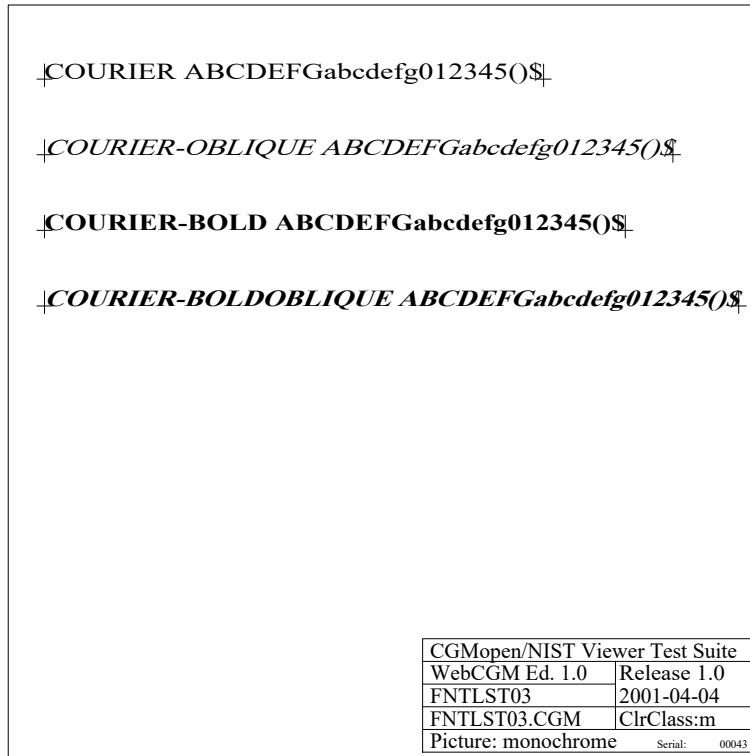
Fig 47, Sheet 1 of 2 FNTLST02



FNTLST02-PNG

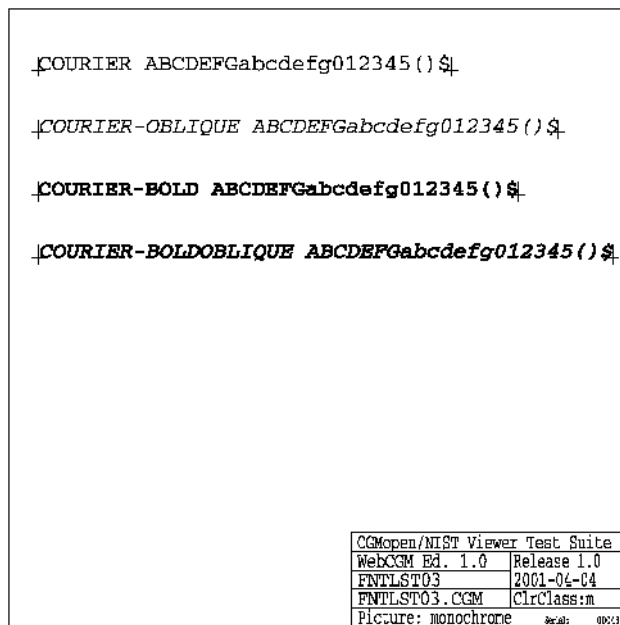
Fig 47, Sheet 2 of 2 FNTLST02

1.7.3 FNTLST03



FNTLST03-CGM

Fig 48, Sheet 1 of 2 FNTLST03

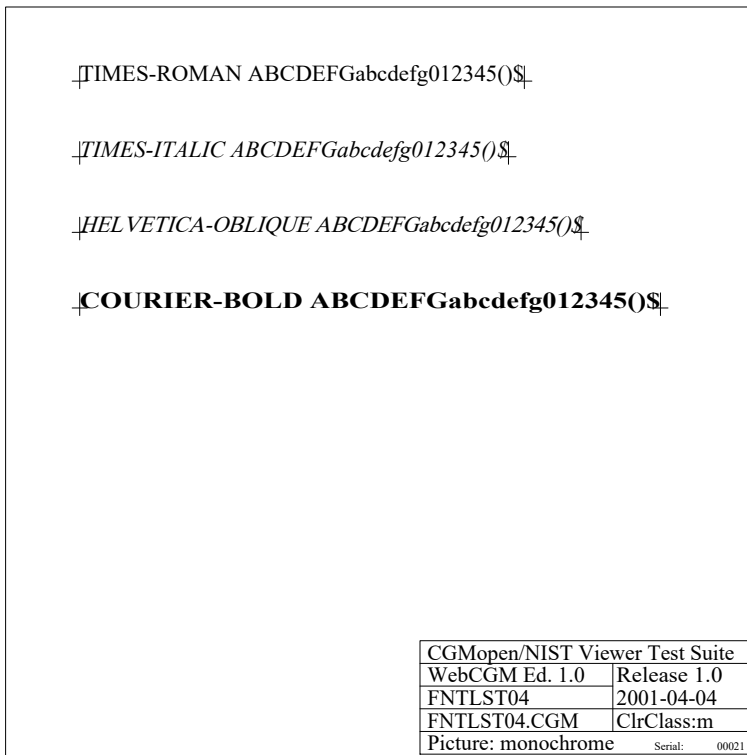


FNTLST03-PNG

Fig 48, Sheet 2 of 2 FNTLST03

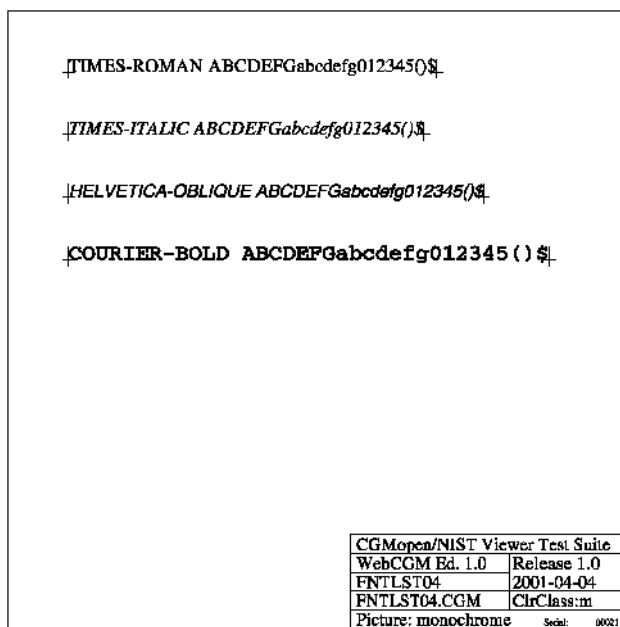
Produced by Docuneering Ltd.

1.7.4 FNTLST04



FNTLST04-CGM

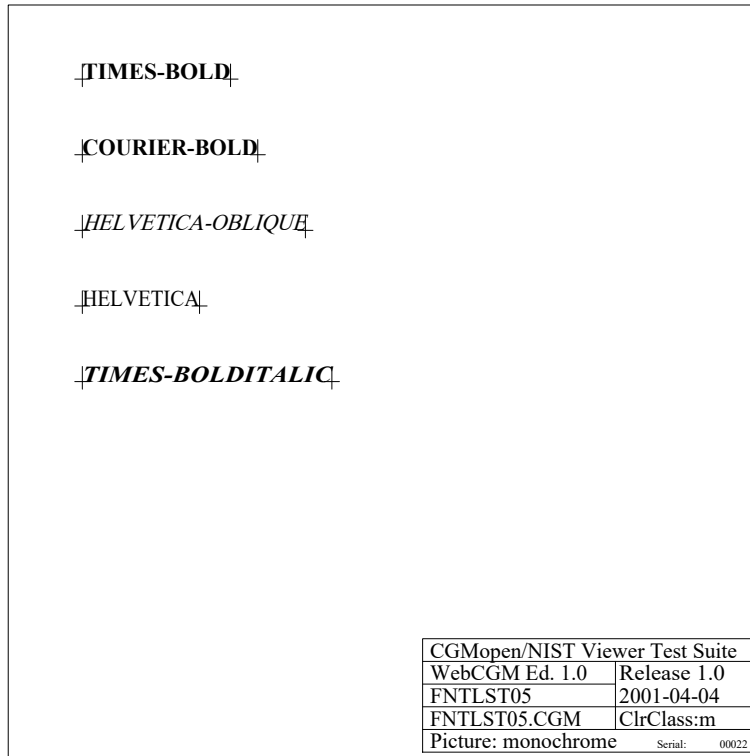
Fig 49, Sheet 1 of 2 FNTLST04



FNTLST04-PNG

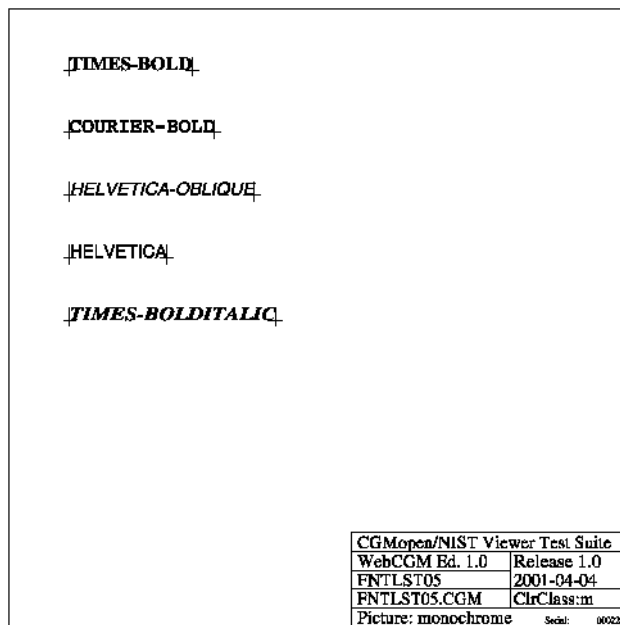
Fig 49, Sheet 2 of 2 FNTLST04

1.7.5 FNTLST05



FNTLST05-CGM

Fig 50, Sheet 1 of 2 FNTLST05

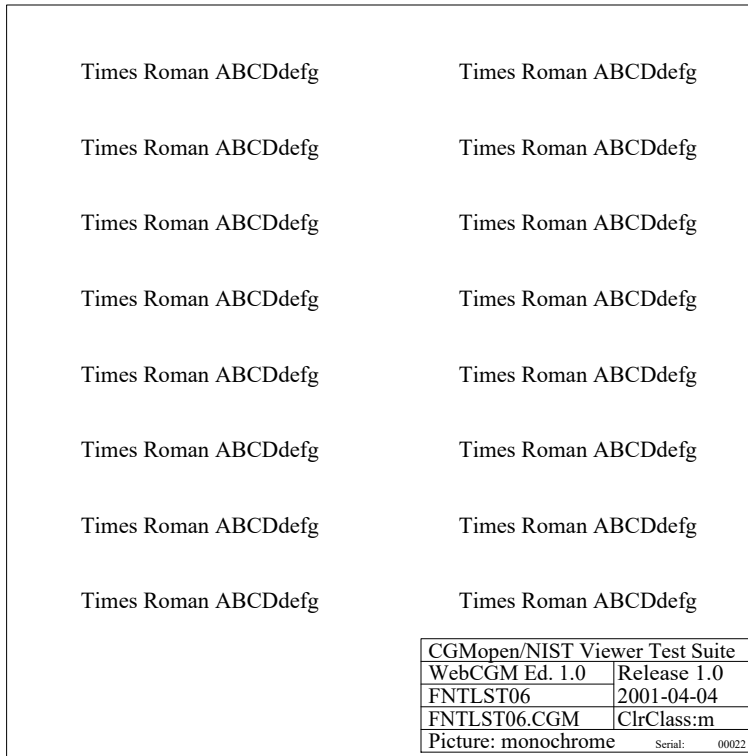


FNTLST05-PNG

Fig 50, Sheet 2 of 2 FNTLST05

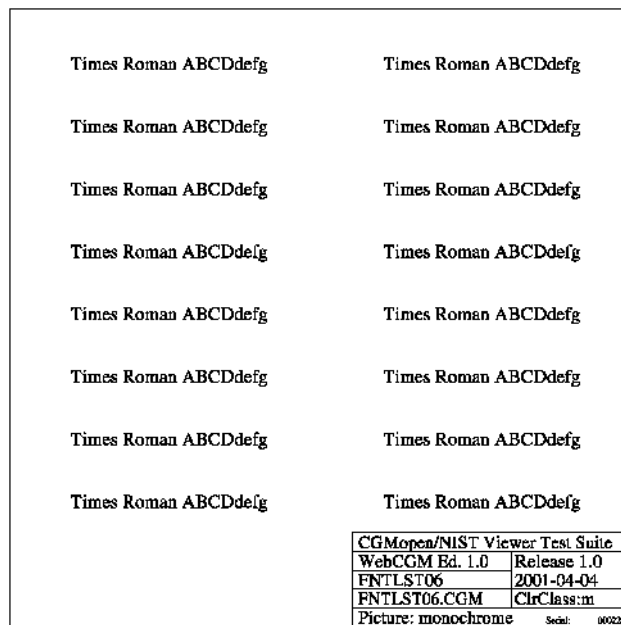
Produced by Docuneering Ltd.

1.7.6 FNTLST06



FNTLST06-CGM

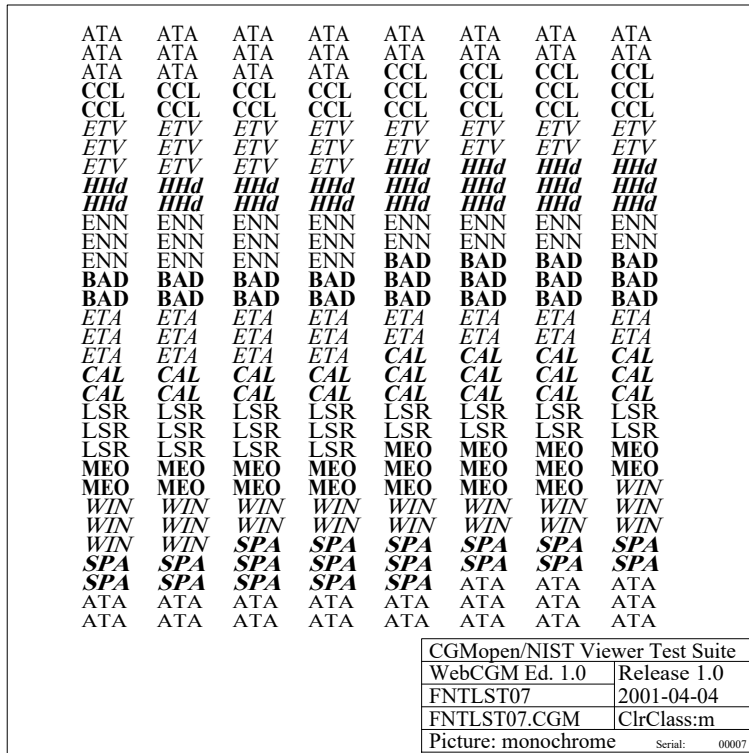
Fig 51, Sheet 1 of 2 FNTLST06



FNTLST06-PNG

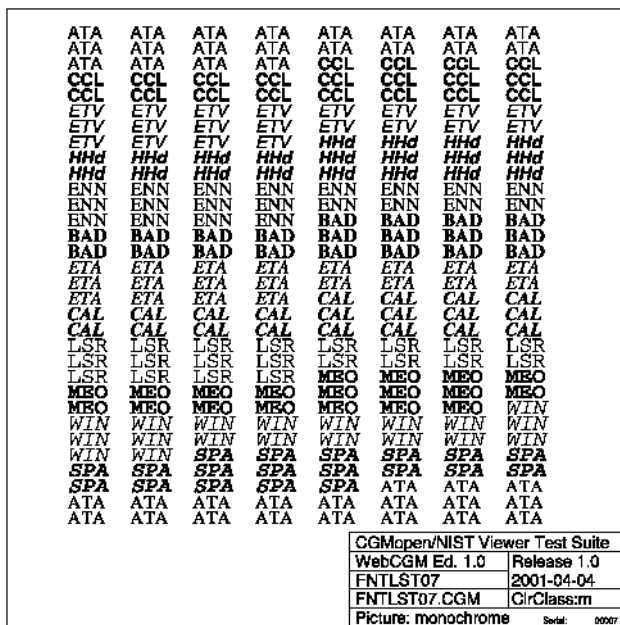
Fig 51, Sheet 2 of 2 FNTLST06

1.7.7 FNTLST07



FNTLST07-CGM

Fig 52, Sheet 1 of 2 FNTLST07



FNTLST07-PNG

Fig 52, Sheet 2 of 2 FNTLST07

Produced by Docuneering Ltd.

1.7.8 CHRSET01

	0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
0				0	@	P	`	p				°	À	Đ	à	ď
1			!	1	A	Q	a	q			ı	±	Á	Ñ	á	ñ
2			"	2	B	R	b	r			¢	²	Â	Ò	â	ò
3			#	3	C	S	c	s			£	³	Ã	Ó	ã	ó
4			\$	4	D	T	d	t			¤	'	Ä	Ô	ä	ô
5			%	5	E	U	e	u			¥	µ	Å	Õ	å	õ
6			&	6	F	V	f	v			|	¶	Æ	Ö	æ	ö
7			'	7	G	W	g	w			§	·	Ç	×	ç	÷
8			(	8	H	X	h	x			¨	,	È	Ø	è	ø
9			)	9	I	Y	i	y			©	¹	É	Ù	é	ù
10			*	:	J	Z	j	z			ª	º	Ê	Ú	ê	ú
11			+	;	K	[	k	{			«	»	Ë	Û	ë	û
12			,	<	L	\	l	|			¬	¼	Ì	Ü	ì	ü
13			-	=	M	]	m	}			-	½	Í	Ý	í	ý
14			.	>	N	^	n	~			®	¾	Î	Þ	î	þ
15			/	?	O	_	o	~			¯	¿	Ï	ß	ï	ÿ

CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
CHRSET01	2001-04-04
CHRSET01.CGM	ClrClass:m
Picture: monochrome	Serial: 00040

CHRSET01-CGM

Fig 53, Sheet 1 of 2 CHRSET01

	0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
0			0	@	P	`	p				°	À	Ð	à	ð	
1		!	1	A	Q	a	q				±	Á	Ñ	á	ñ	
2		"	2	B	R	b	r			€	²	Â	Ò	â	ò	
3		#	3	C	S	c	s			£	³	Ã	Ó	ã	ó	
4		\$	4	D	T	d	t			¤	´	Ä	Ö	ä	ö	
5		%	5	E	U	e	u			¥	µ	Å	Õ	å	õ	
6		&	6	F	V	f	v			¦	¶	Æ	Ö	æ	ö	
7		'	7	G	W	g	w			§	·	Ç	×	ç	÷	
8		(	8	H	X	h	x			¨	,	È	Ø	è	ø	
9		)	9	I	Y	i	y			©	¡	É	Ù	é	ù	
10		*	:	J	Z	j	z			ª	º	Ê	Ú	ê	ú	
11		+	;	K	[	k	{			«	»	Ë	Û	ë	û	
12		,	<	L	\	l	|			¬	¼	Ì	Ü	ì	ü	
13		-	=	M	]	m	}			-	½	Í	Ý	í	ý	
14		.	>	N	^	n	~			®	¾	Î	Þ	î	þ	
15		/	?	O	_	o				-	¿	Ï	ß	ï	ÿ	

CGMOpen/NIST Viewer Test Suite
 WebCGM Ed. 1.0 Release 1.0
 CHRSET01
 CHRSET01.cgm CirClass.m
 Picture: monochrome Sheet: 00040

CHRSET01-PNG

Fig 53, Sheet 2 of 2 CHRSET01

Produced by Docuneering Ltd.

1.7.9 CHRSET02

	0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
0				0	≅	Π	π				□	°	∞	∠	◇	□
1			!	1	A	Θ	α	θ			Υ	±	∑	∇	<	>
2			∇	2	B	P	β	ρ			'	"	℞	®	®	∫
3			#	3	X	Σ	χ	σ			≤	≥	∅	©	©	∫
4			∃	4	Δ	T	δ	τ			/	x	⊗	™	™	|
5			%	5	E	Y	ε	υ			∞	∞	⊕	Π	Σ	J
6			&	6	Φ	ς	φ	ω			f	∂	∅	√	∩	∪
7			∃	7	Γ	Ω	γ	ω			♣	•	∩	-	|	|
8			(	8	H	Ξ	η	ξ			↓	÷	∪	∩	∪	∩
9			)	9	I	Ψ	ι	ψ			♥	≠	∩	∩	∩	∩
10			*	:	∅	Z	φ	ζ			♠	≡	∩	∩	∩	∩
11			+	;	K	[	κ	{			↔	≈	∩	∩	∩	∩
12			,	<	Λ	::	λ	|			←	...	∩	∩	∩	∩
13			-	=	M	]	μ	}			↑	|	∩	∩	∩	∩
14			.	>	N	⊥	v	~			→	—	∩	∩	∩	∩
15			/	?	O	_	o				↓	↙	∩	∩	∩	∩

CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
CHRSET02	2001-04-04
CHRSET02.CGM	ClrClass:m
Picture: monochrome	Serial: 00030

CHRSET02-CGM

Fig 54, Sheet 1 of 2 CHRSET02

	0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
0			0	≡	Π	π					°	∞	∠	∅		
1		!	1	A	⊖	α	θ				γ	±	∑	∇	<	>
2		∕	2	B	P	β	ρ				ˆ	˝	ℝ	⊗	⊙	∫
3		#	3	X	Σ	χ	σ				≤	≥	⊗	⊙	⊙	∫
4		∃	4	Δ	T	δ	τ				∕	x	⊗	™	™	|
5		%	5	E	Y	ε	υ				∞	∞	⊕	Π	Σ	J
6		&	6	φ	ς	φ	ϖ				/	∂	∅	√	()
7		»	7	Γ	Ω	γ	ω				•	•	∩	-	|	|
8		(	8	H	Ξ	η	ξ				†	‡	U	→	()
9		)	9	I	Ψ	ι	ψ				♥	#	∩	∧	∩	∩
10		*	:	∅	Z	φ	ζ				‡	≡	≡	∇	|	|
11		+	;	K	[	κ	{				≠	=	≠	↔	L	J
12		,	<	Λ	:	λ	|				←	...	ε	≠	∫	∫
13		↑	=	M	]	μ	}				↑	|	ε	↑	{	}
14		.	>	N	I	v	~				→	-	ε	⇒	|	|
15		/	?	O	_	o					↓	↓	ε	↓	|	|

CGMOpen/NIST Viewer Test Suite
 WebCGM Ed. 1.0 Release 1.0
 CHRSET02
 CHRSET02.cgm CirClass.m
 Picture: monochrome Size: 1000x

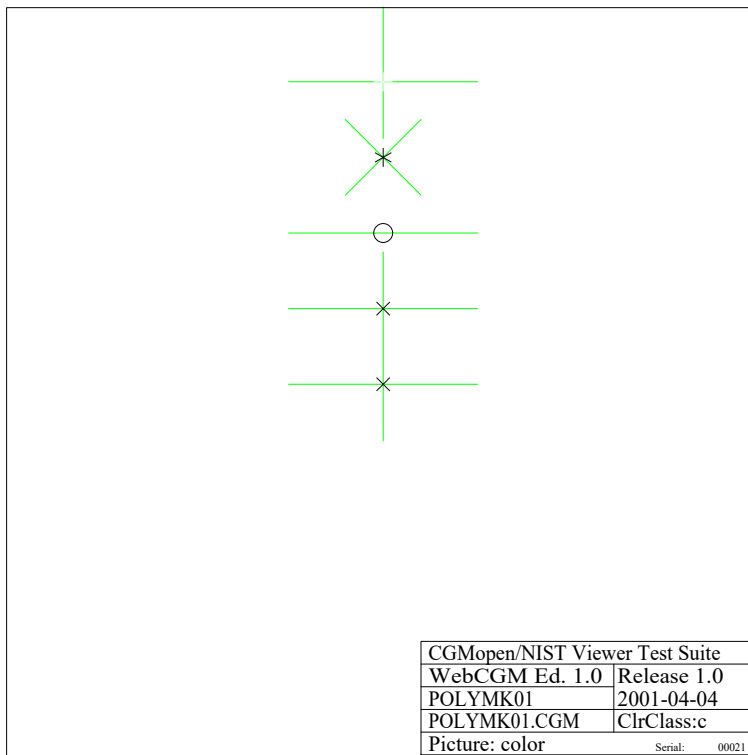
CHRSET02-PNG

Fig 54, Sheet 2 of 2 CHRSET02

Produced by Docuneering Ltd.

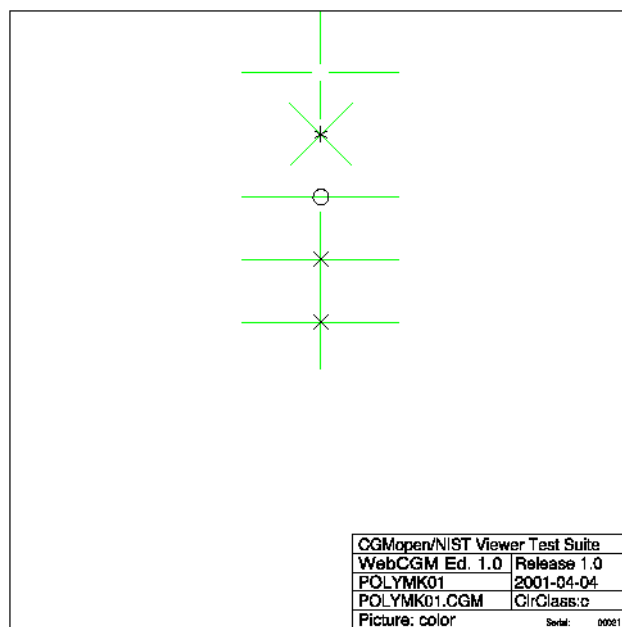
1.8 Marker Element

1.8.1 POLYMK01



POLYMK01-CGM

Fig 55, Sheet 1 of 2 POLYMK01



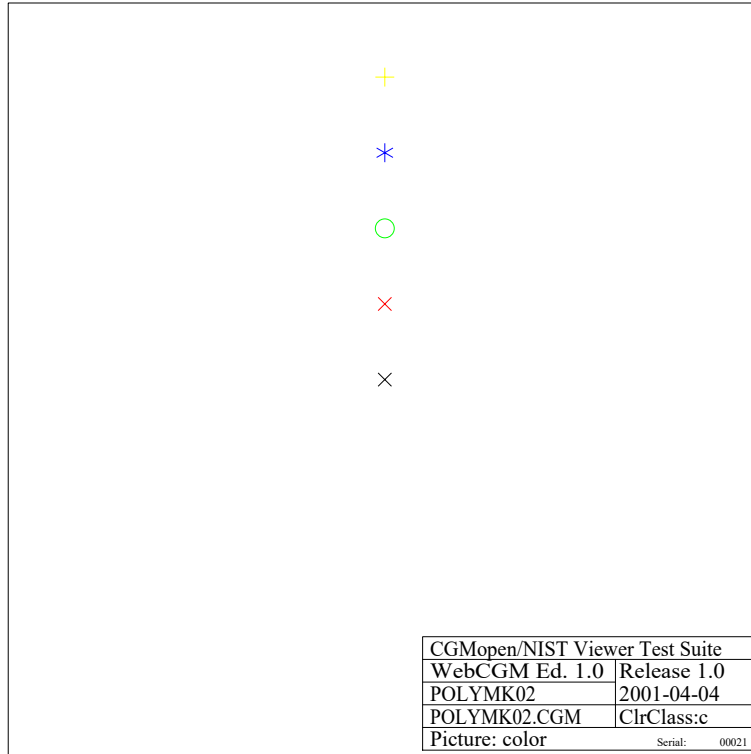
POLYMK01-PNG

Fig 55, Sheet 2 of 2 POLYMK01

Applicable to: All

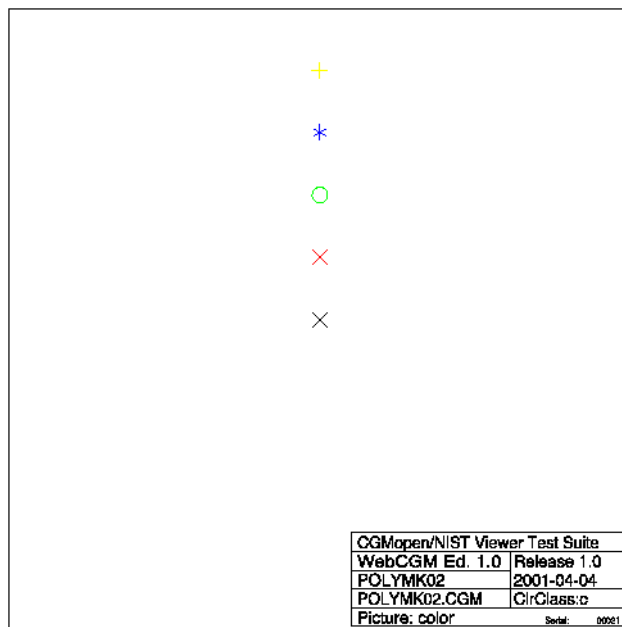
TEST41-A-00-00-00-01A-040A-A

1.8.2 POLYMK02



POLYMK02-CGM

Fig 56, Sheet 1 of 2 POLYMK02

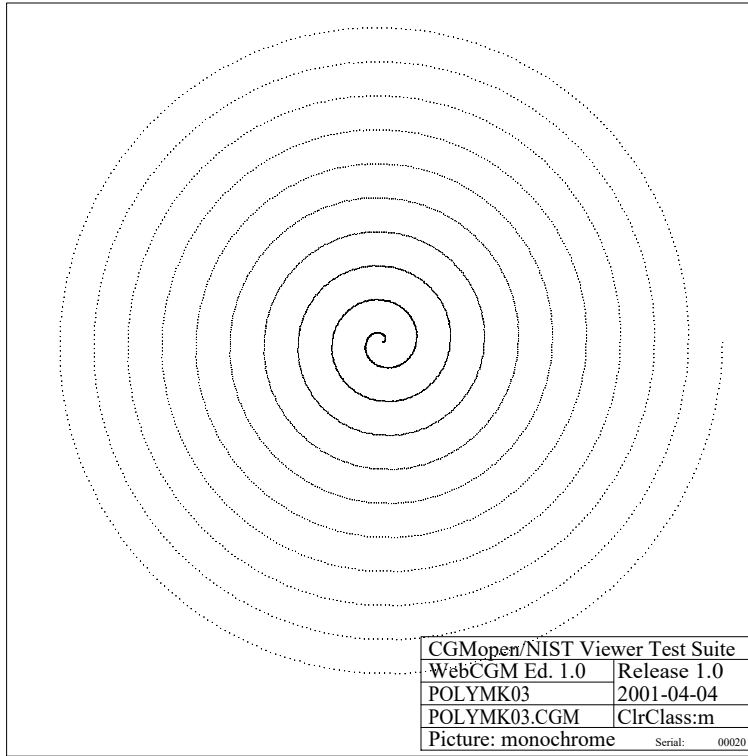


POLYMK02-PNG

Fig 56, Sheet 2 of 2 POLYMK02

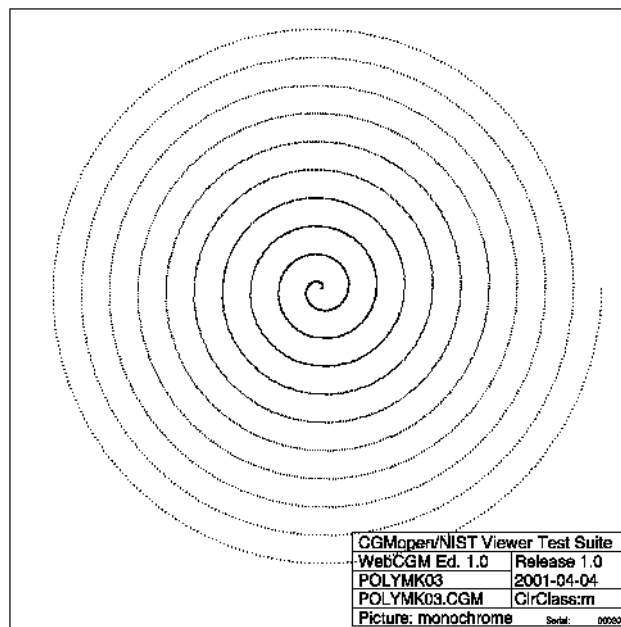
Produced by Docuneering Ltd.

1.8.3 POLYMK03



POLYMK03-CGM

Fig 57, Sheet 1 of 2 POLYMK03

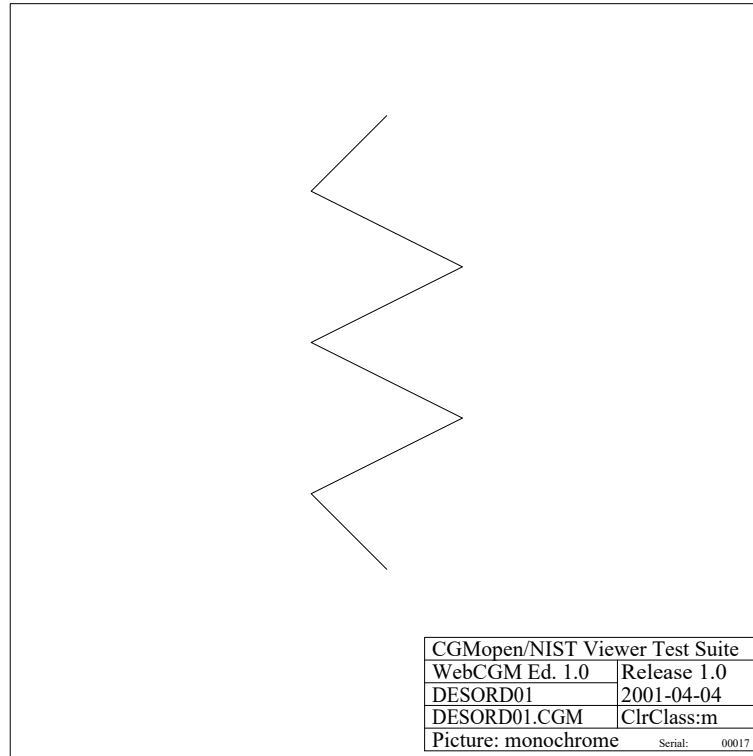


POLYMK03-PNG

Fig 57, Sheet 2 of 2 POLYMK03

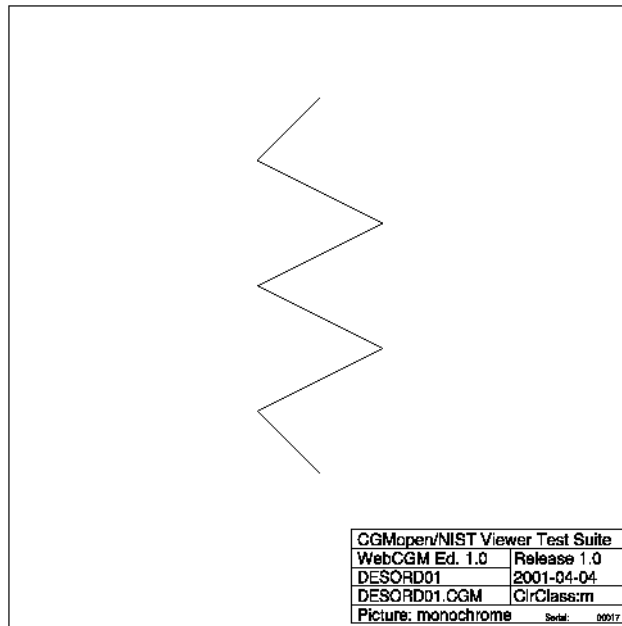
1.9 Order and Encoding Features

1.9.1 DESORD01



DESORD01-CGM

Fig 58, Sheet 1 of 2 DESORD01

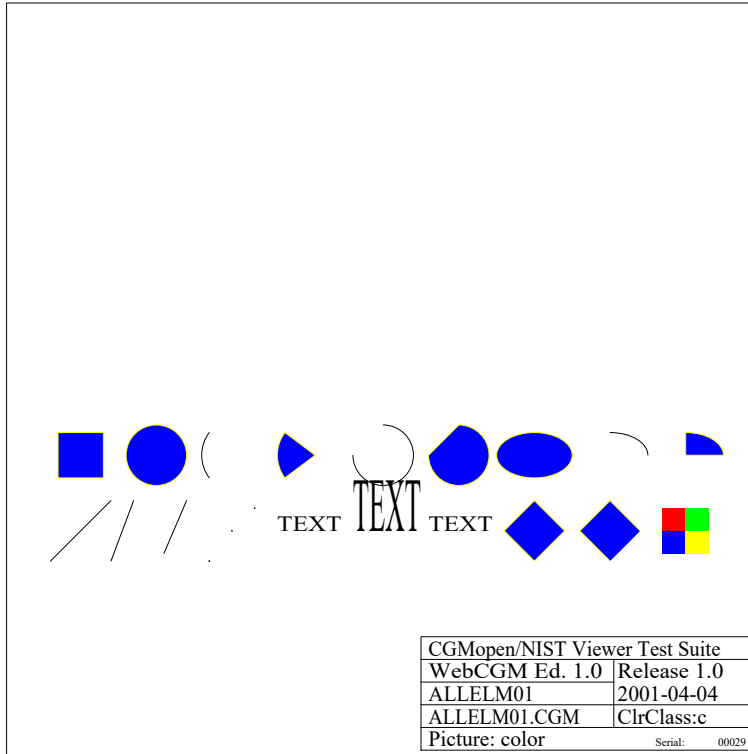


DESORD01-PNG

Fig 58, Sheet 2 of 2 DESORD01

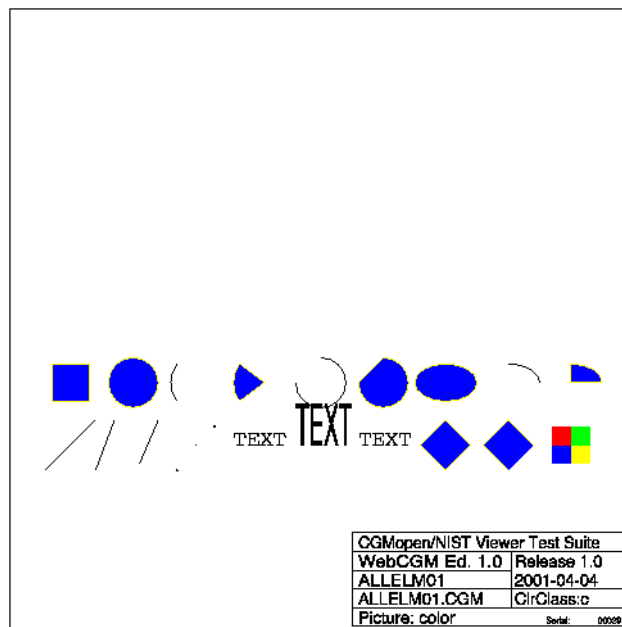
Produced by Docuneering Ltd.

1.9.2 ALLELM01



ALLELM01-CGM

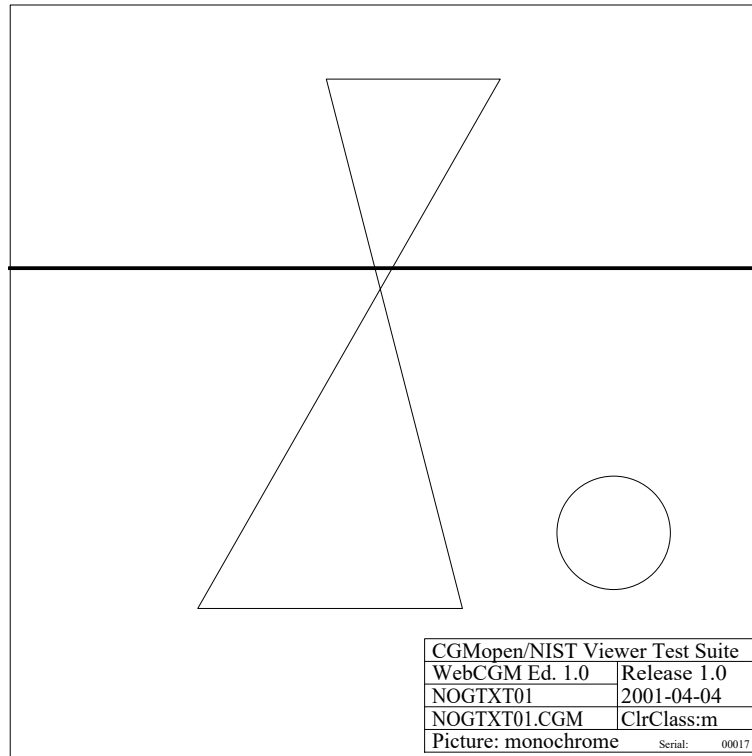
Fig 59, Sheet 1 of 2 ALLELM01



ALLELM01-PNG

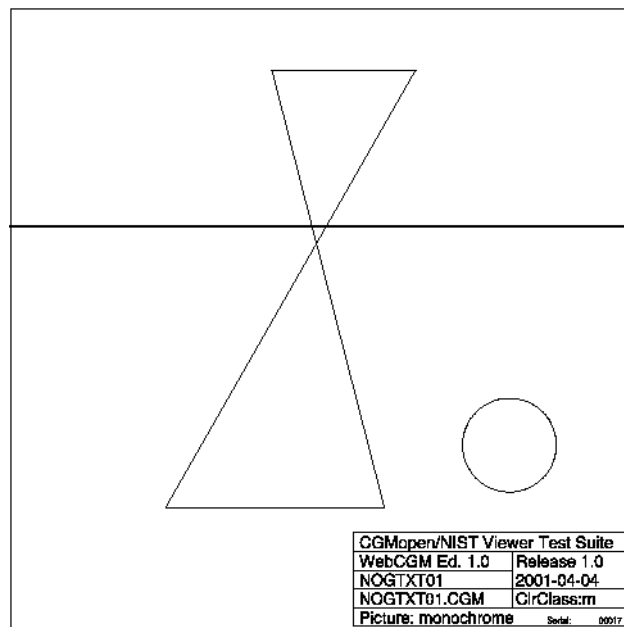
Fig 59, Sheet 2 of 2 ALLELM01

1.9.3 NOGTX01



NOGTX01-CGM

Fig 60, Sheet 1 of 2 NOGTX01



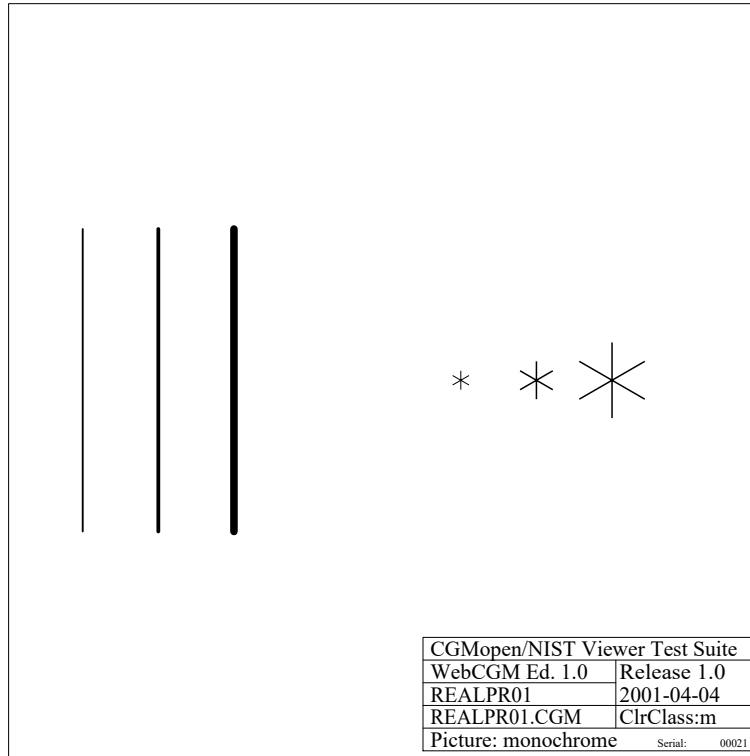
NOGTX01-PNG

Fig 60, Sheet 2 of 2 NOGTX01

Produced by Docuneering Ltd.

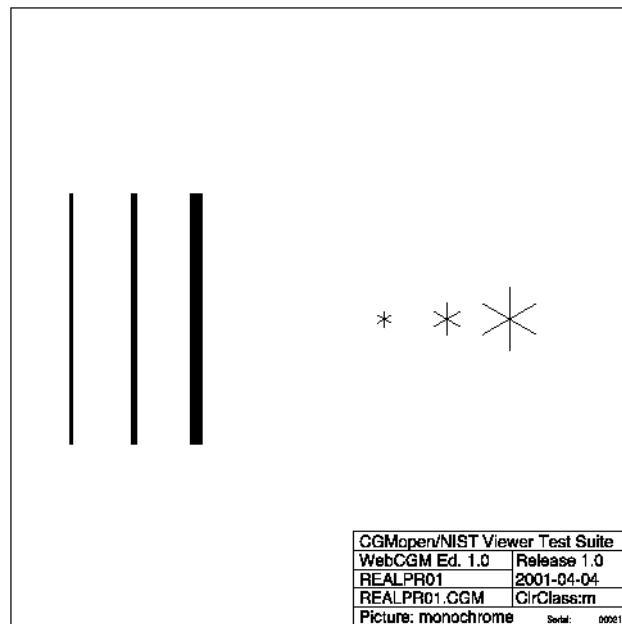
1.10 Precisions

1.10.1 REALPR01



REALPR01-CGM

Fig 61, Sheet 1 of 2 REALPR01



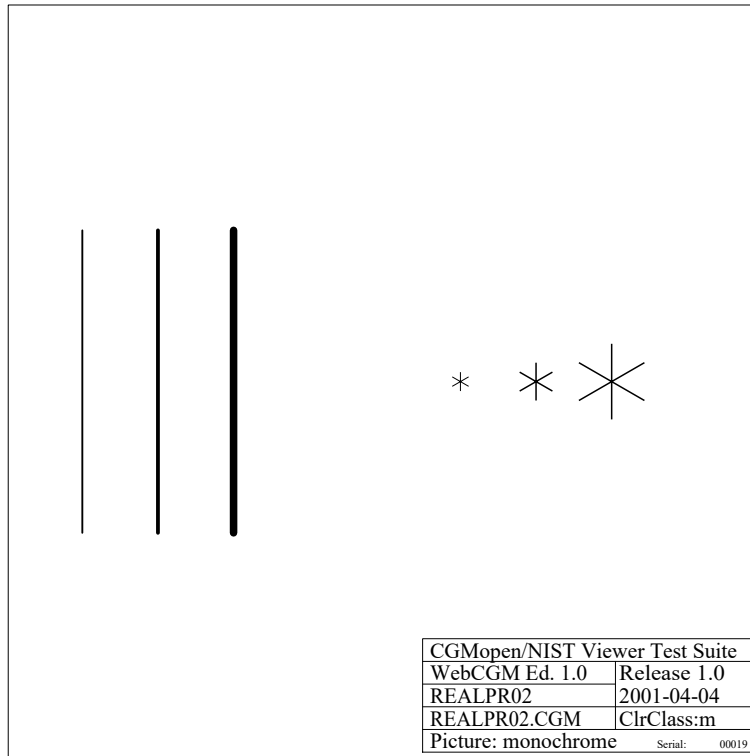
REALPR01-PNG

Fig 61, Sheet 2 of 2 REALPR01

Applicable to: All

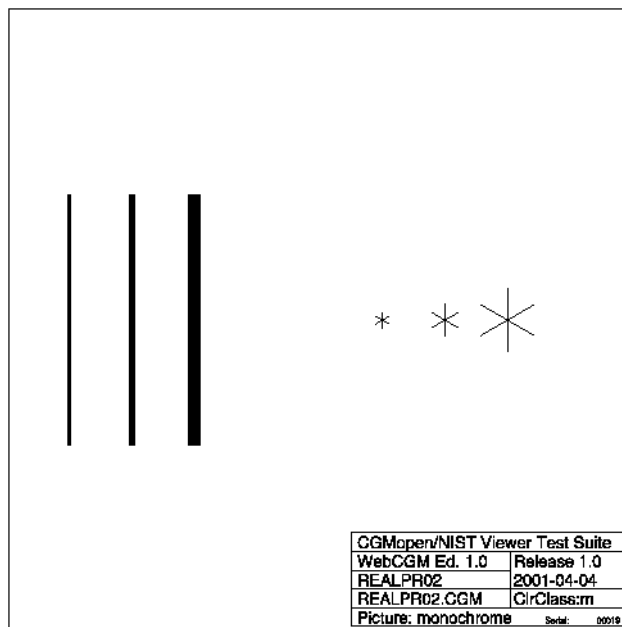
TEST41-A-00-00-00-01A-040A-A

1.10.2 REALPR02



REALPR02-CGM

Fig 62, Sheet 1 of 2 REALPR02

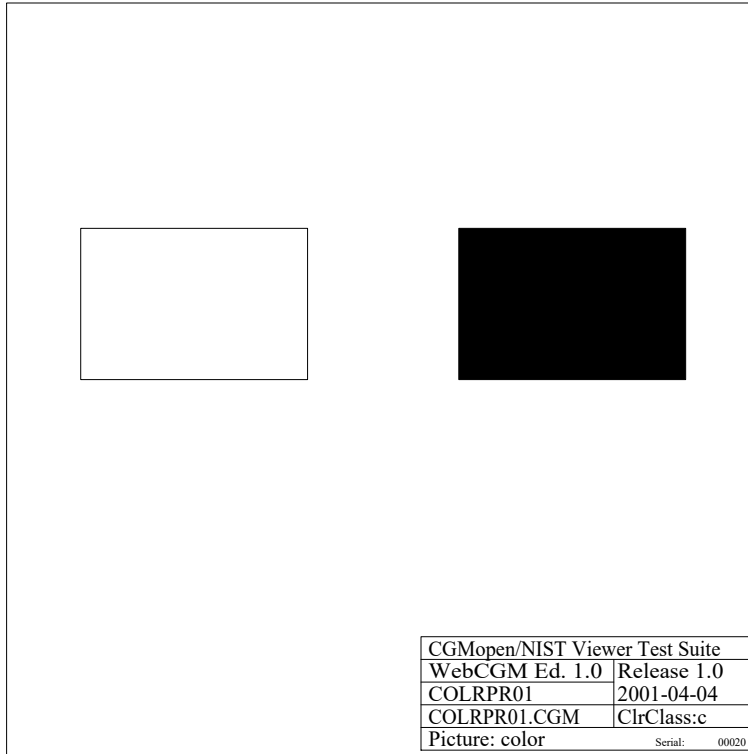


REALPR02-PNG

Fig 62, Sheet 2 of 2 REALPR02

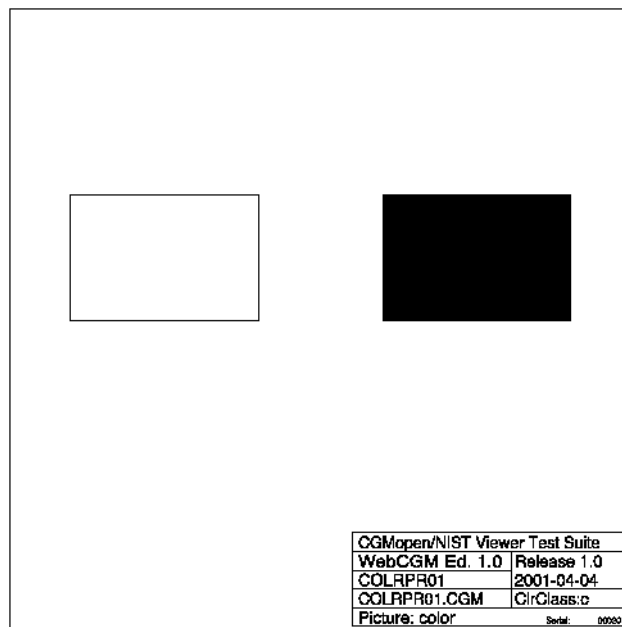
Produced by Docuneering Ltd.

1.10.3 COLRPR01



COLRPR01-CGM

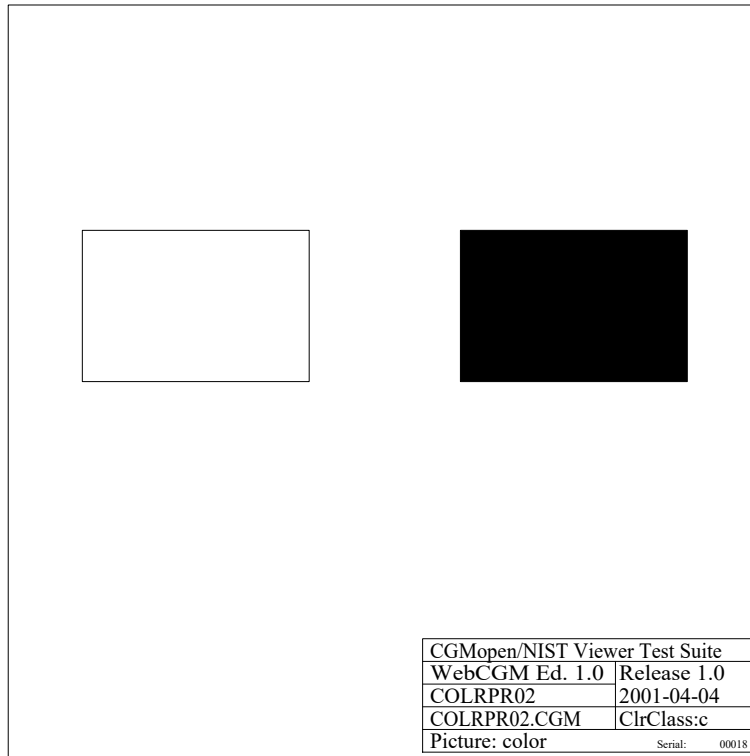
Fig 63, Sheet 1 of 2 COLRPR01



COLRPR01-PNG

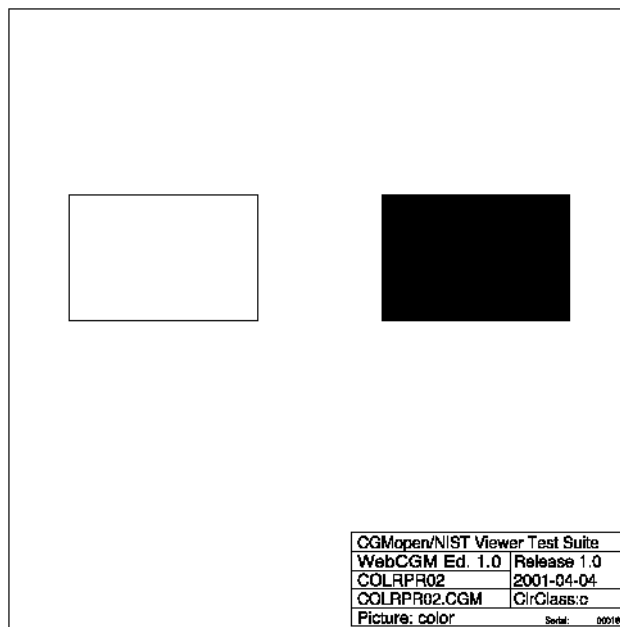
Fig 63, Sheet 2 of 2 COLRPR01

1.10.4 COLRPR02



COLRPR02-CGM

Fig 64, Sheet 1 of 2 COLRPR02

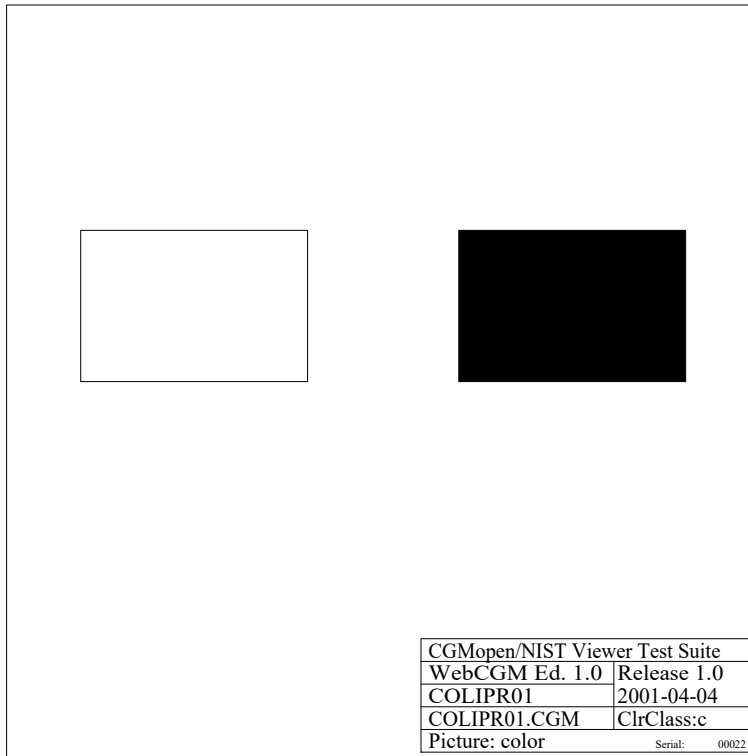


COLRPR02-PNG

Fig 64, Sheet 2 of 2 COLRPR02

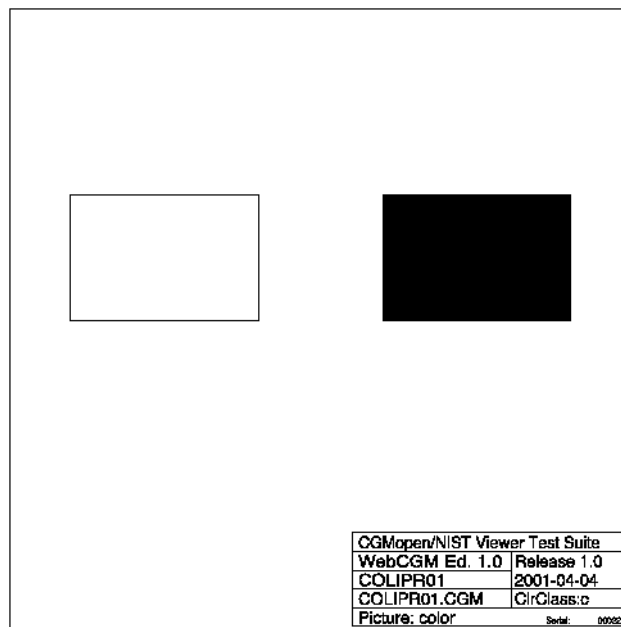
Produced by Docuneering Ltd.

1.10.5 COLIPR01



COLIPR01-CGM

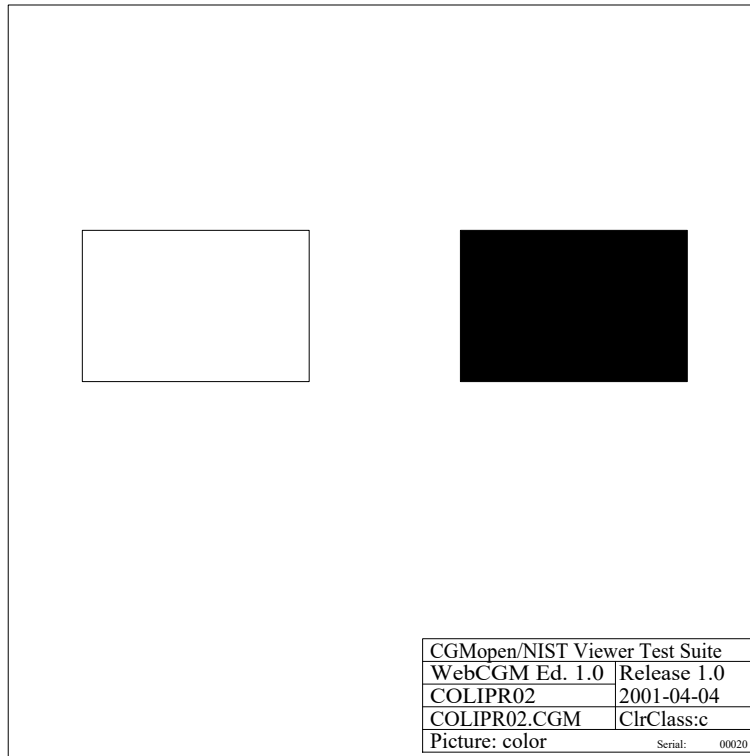
Fig 65, Sheet 1 of 2 COLIPR01



COLIPR01-PNG

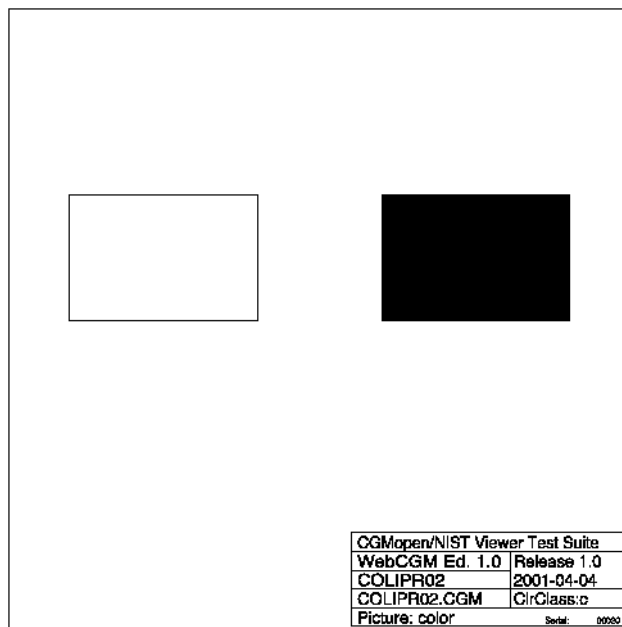
Fig 65, Sheet 2 of 2 COLIPR01

1.10.6 COLIPR02



COLIPR02-CGM

Fig 66, Sheet 1 of 2 COLIPR02

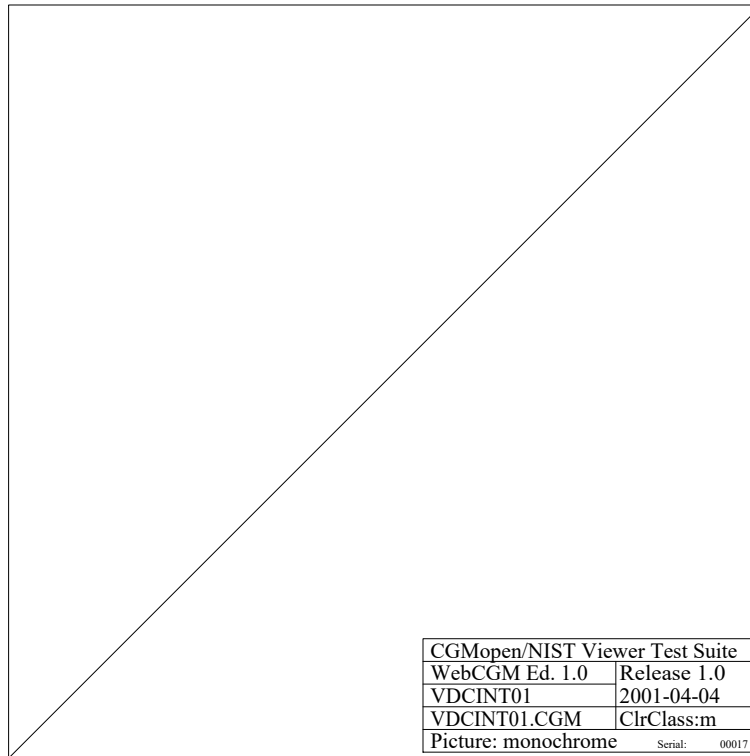


COLIPR02-PNG

Fig 66, Sheet 2 of 2 COLIPR02

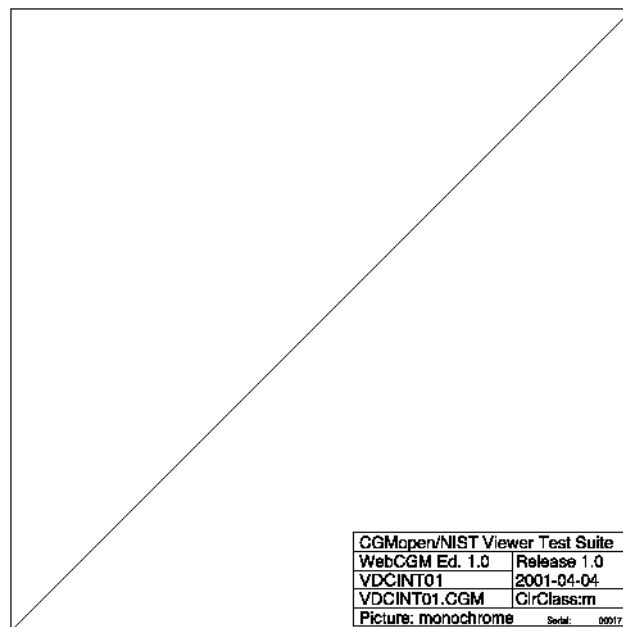
Produced by Docuneering Ltd.

1.10.7 VDCINT01



VDCINT01-CGM

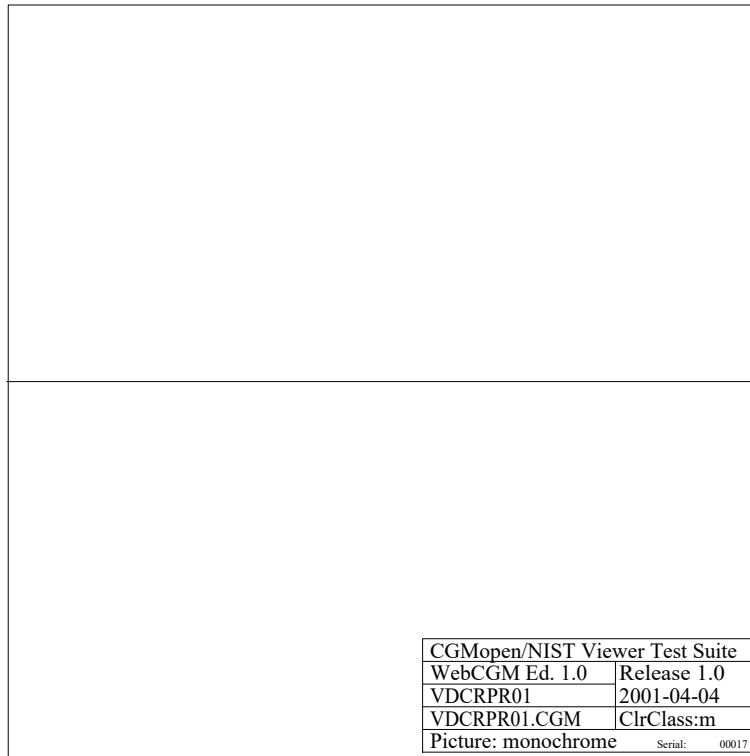
Fig 67, Sheet 1 of 2 VDCINT01



VDCINT01-PNG

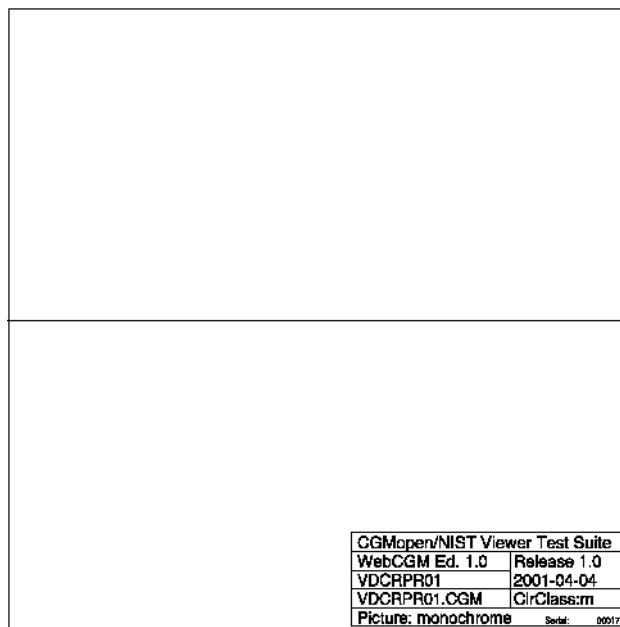
Fig 67, Sheet 2 of 2 VDCINT01

1.10.8 VDCRPR01



VDCRPR01-CGM

Fig 68, Sheet 1 of 2 VDCRPR01

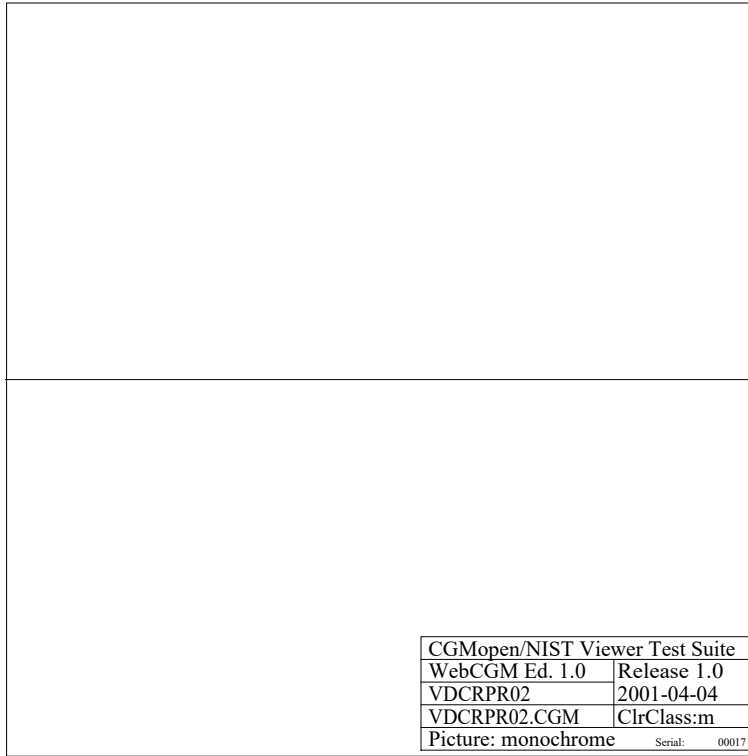


VDCRPR01-PNG

Fig 68, Sheet 2 of 2 VDCRPR01

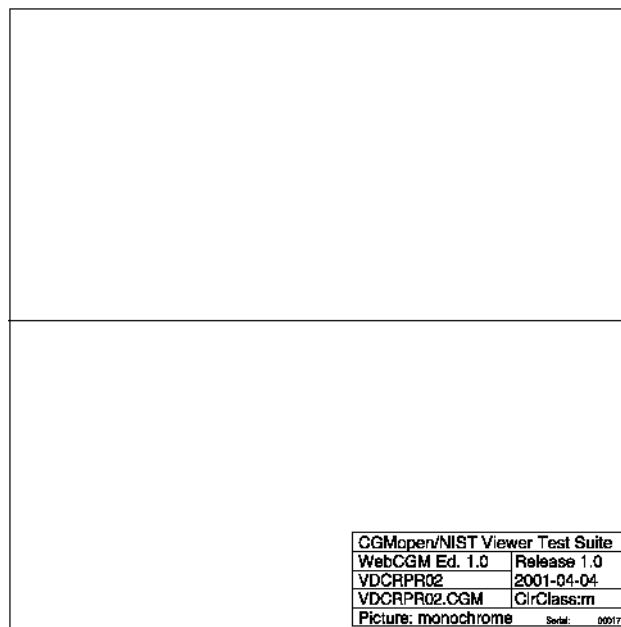
Produced by Docuneering Ltd.

1.10.9 VDCRPR02



VDCRPR02-CGM

Fig 69, Sheet 1 of 2 VDCRPR02

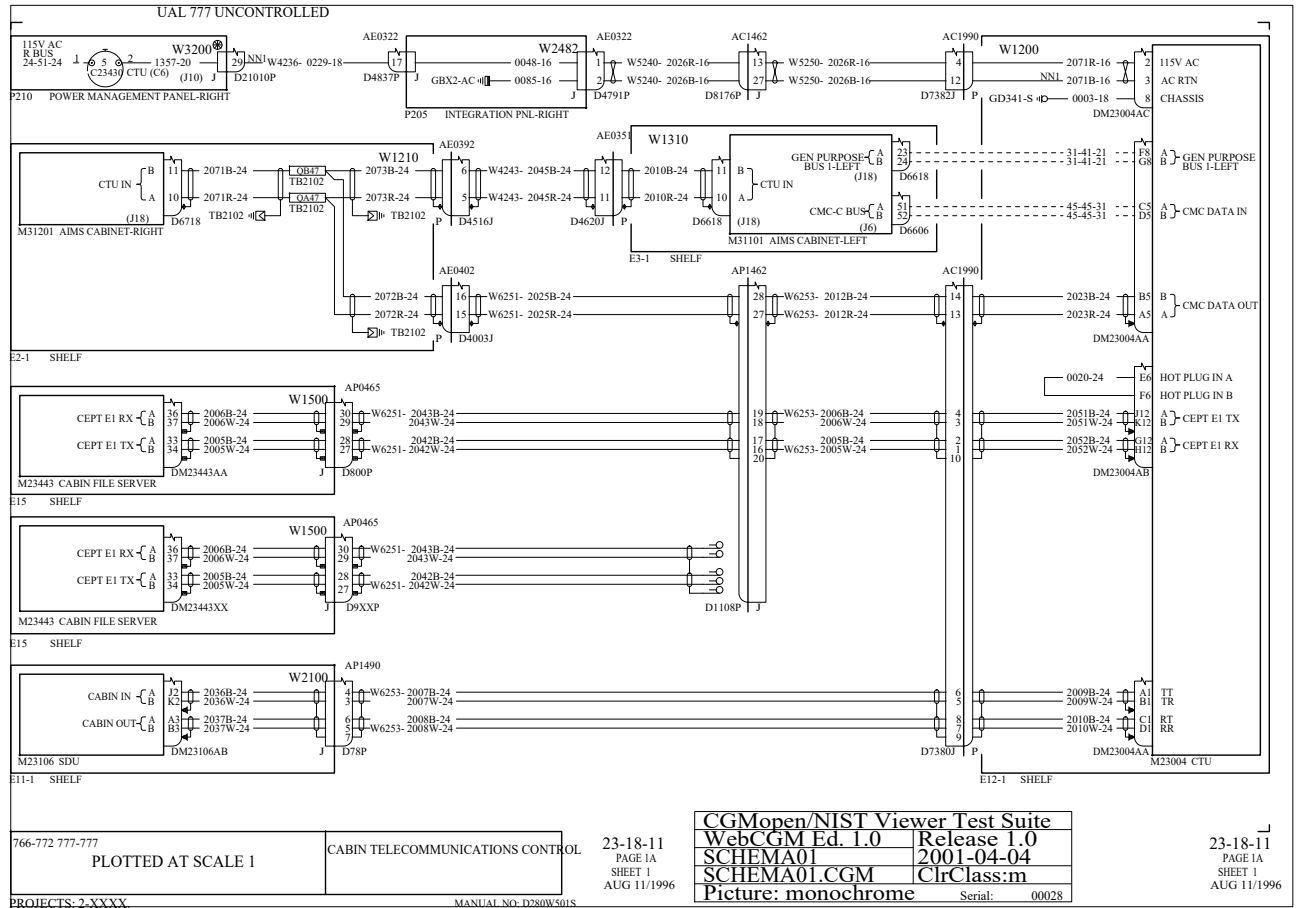


VDCRPR02-PNG

Fig 69, Sheet 2 of 2 VDCRPR02

1.11 Schematics

1.11.1 SCHEMA01



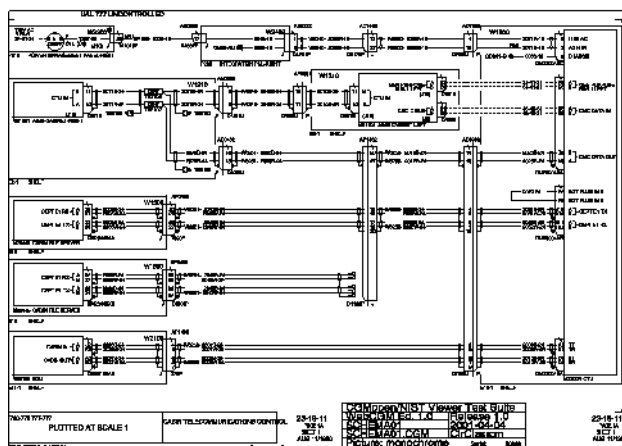
SCHEMA01-CGM

Fig 70, Sheet 1 of 2 SCHEMA01

Produced by Docuengineering Ltd.

Applicable to: All

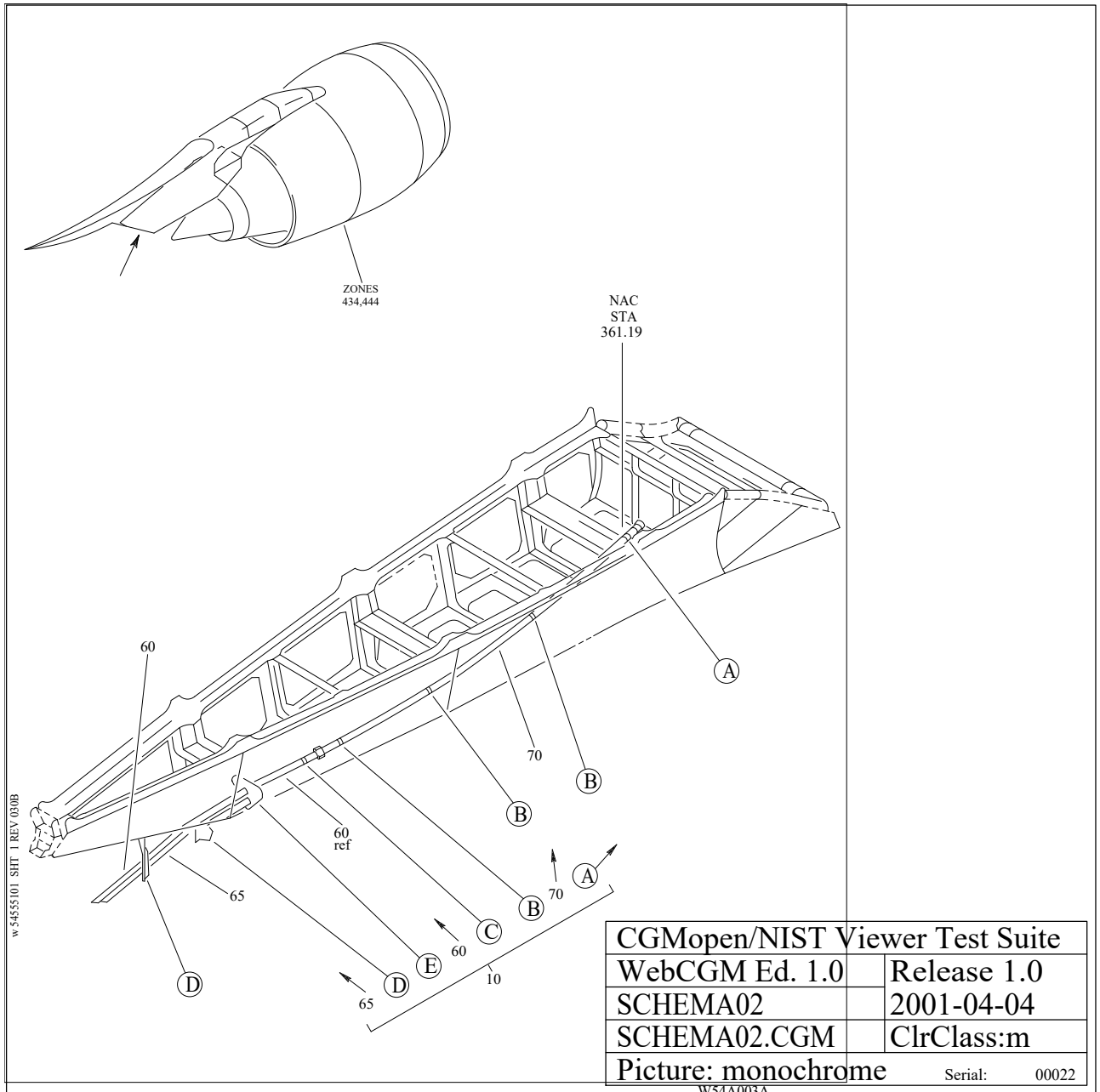
TEST41-A-00-00-00-01A-040A-A



SCHEMA01-PNG

Fig 70, Sheet 2 of 2 SCHEMA01

1.11.2 SCHEMA02



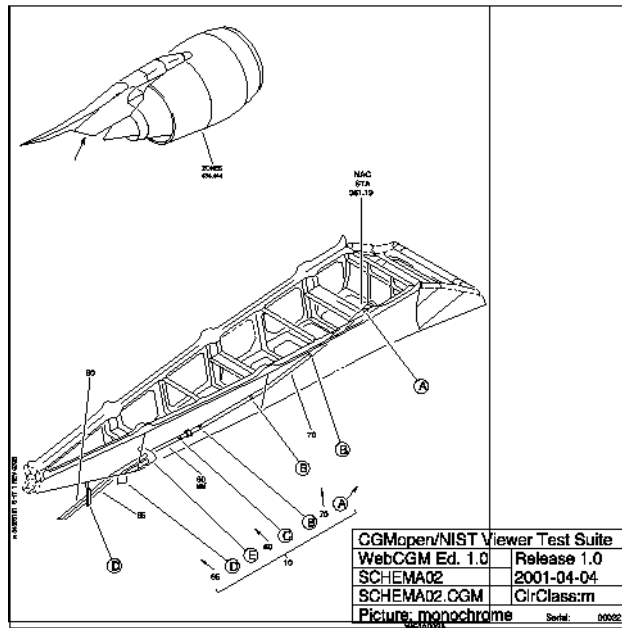
SCHEMA02-CGM

Fig 71, Sheet 1 of 2 SCHEMA02

Produced by Docuneering Ltd.

Applicable to: All

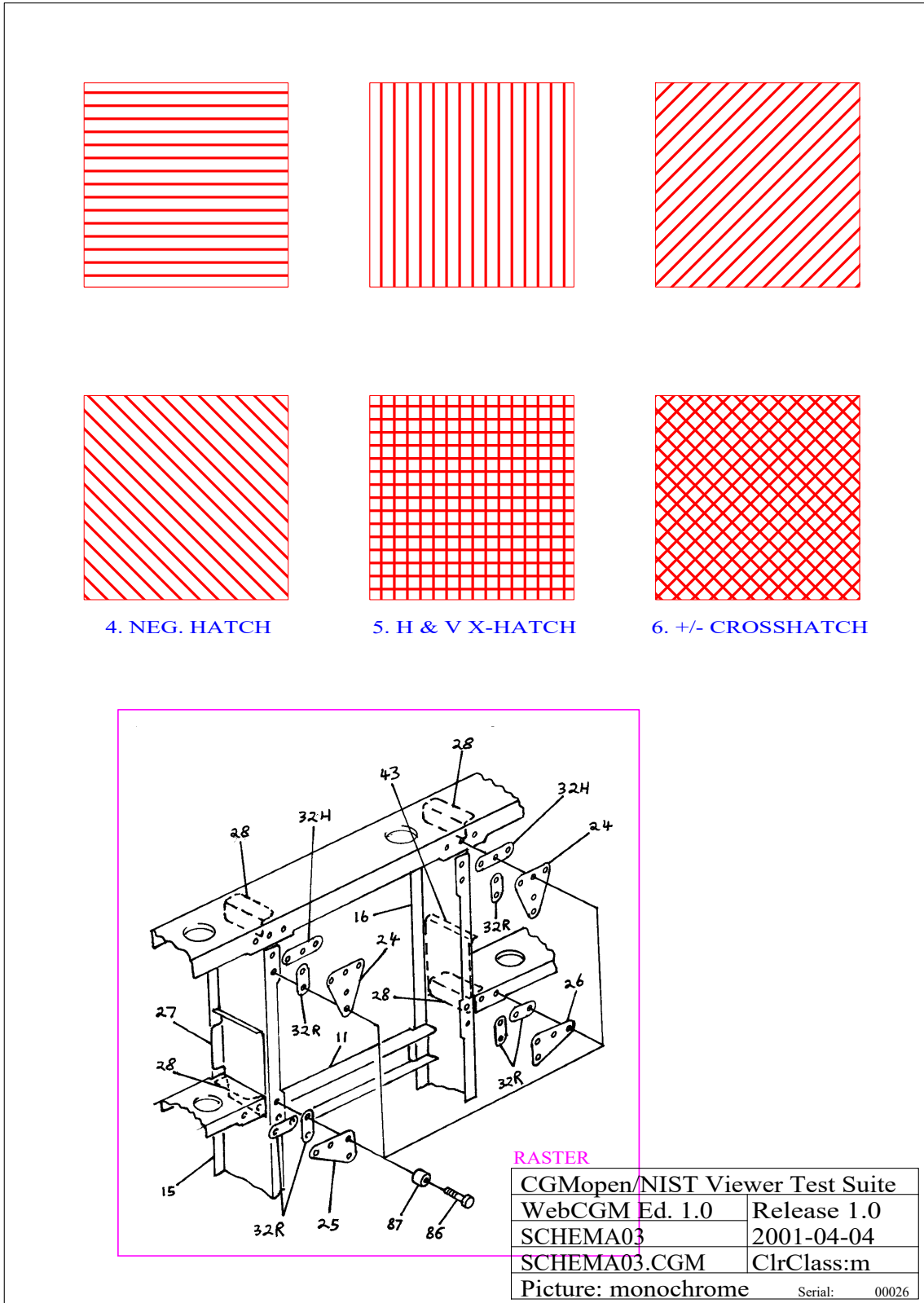
TEST41-A-00-00-00-01A-040A-A



SCHEMA02-PNG

Fig 71, Sheet 2 of 2 SCHEMA02

1.11.3 SCHEMA03

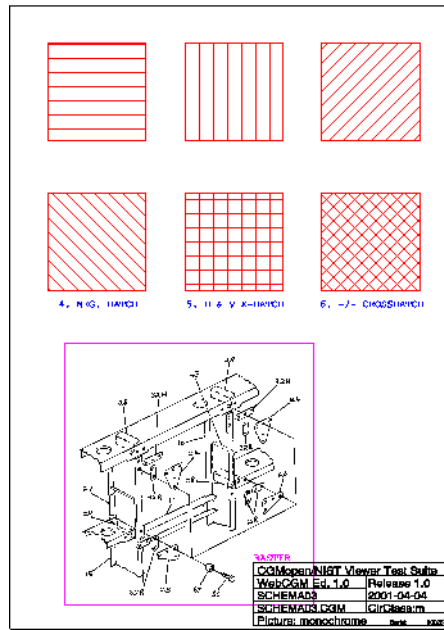


SCHEMA03-CGM

Fig 72, Sheet 1 of 2 SCHEMA03

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

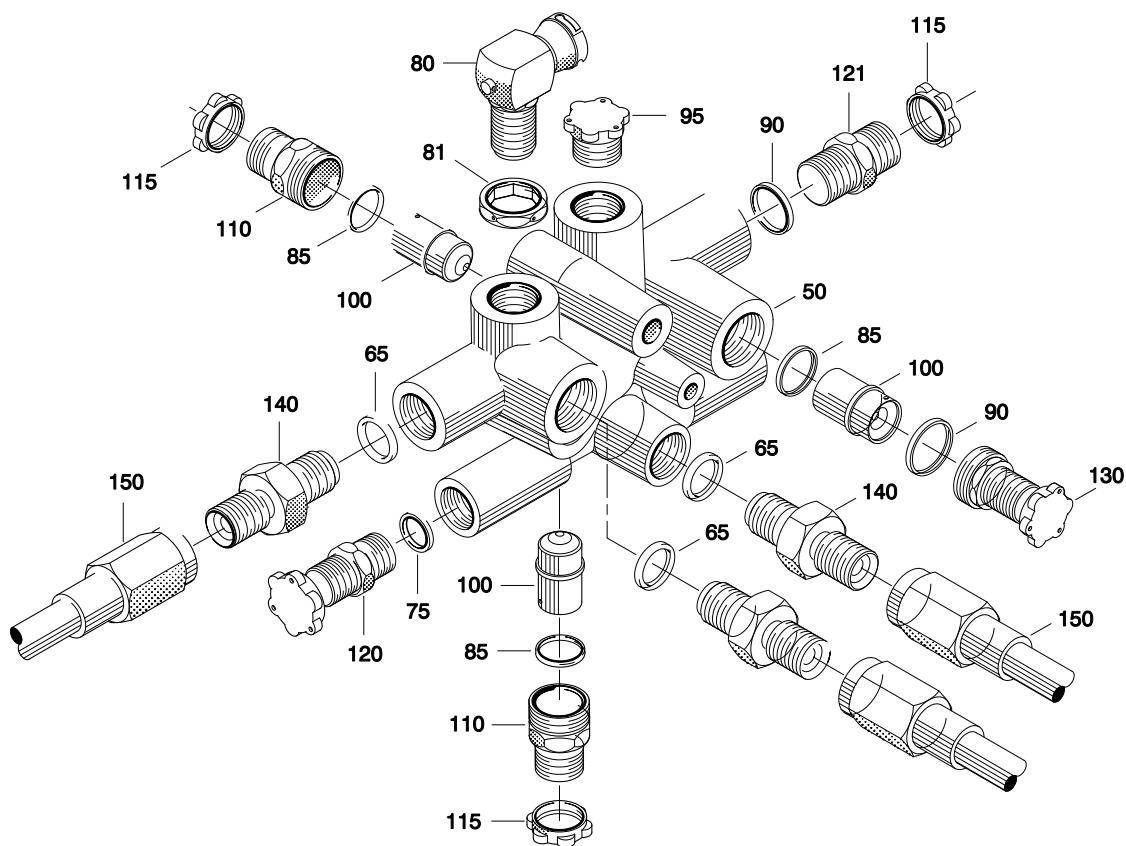


SCHEMA03-PNG

Fig 72, Sheet 2 of 2 SCHEMA03

1.12 Metafile Size

1.12.1 BIGCGM02

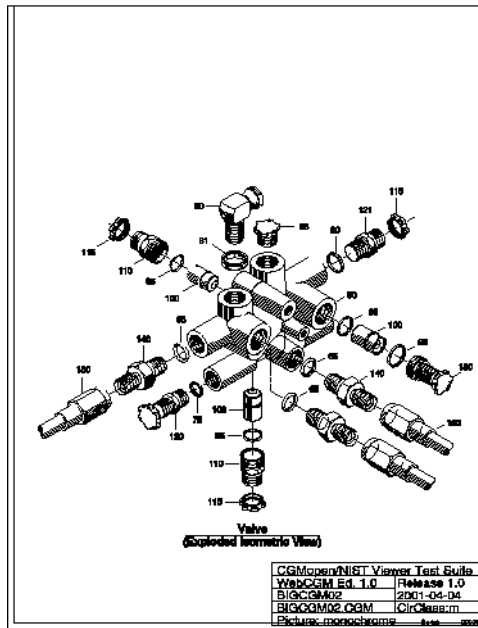


Valve
(Exploded Isometric View)

CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
BIGCGM02	2001-04-04
BIGCGM02.CGM	ClrClass:m
Picture: monochrome	Serial: 00006

BIGCGM02-CGM

Fig 73, Sheet 1 of 2 BIGCGM02



BIGCGM02-PNG

Fig 73, Sheet 2 of 2 BIGCGM02

Produced by Docuneering Ltd.

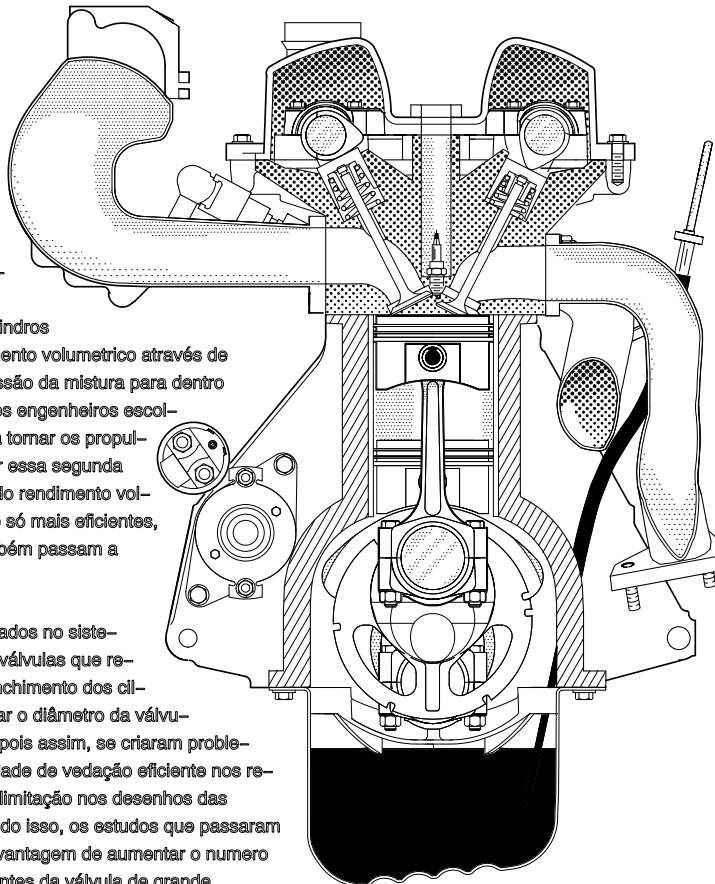
Applicable to: All

TEST41-A-00-00-00-01A-040A-A

1.12.2 BIGCGM04

A Revolução das 16 Válvulas

A potência desenvolvida por um motor de combustão interna depende diretamente da quantidade de mistura ar/combustível que seus pistões conseguem aspirar para dentro dos cilindros. Assim será duas maneiras de aumentá-la: elevando-se a cilindrada (com curso dos pistões mais longo e/ou diâmetro do cilindros maior) ou melhorando o rendimento volumetrico através de alterações de sistema de admissão da mistura para dentro dos cilindros. O caminho que os engenheiros escolheram nos últimos tempos para tornar os propulsores mais eficientes passa por essa segunda opção. Afinal, com a melhora do rendimento volumetrico, os motores ficam não só mais eficientes, leves, e econômicos como também passam a ser menos poluentes.



Um dos pontos críticos encontrados no sistema de admissão esta em suas válvulas que restringem demasiadamente o enchimento dos cilindros. Não adiantaria aumentar o diâmetro da válvula para melhora sua eficiência, pois assim, se criaram problemas de inércia elevada, dificuldade de vedação eficiente nos regimes mais altos de rotação, e limitação nos desenhos das câmaras de combustão. Por tudo isso, os estudos que passaram a ser desenvolvidos mostrar a vantagem de aumentar o numero de válvulas, sem os inconvenientes da válvula de grande diâmetro. Inicialmente, conceberam-se cabeçotes com três válvulas, duas de admissão (para melhora a eficiência volumetrica) e uma de escapamento. Mas os estudos mostram que a presença de apenas uma válvula de escape criaria outra ponto de restrição: se o cilindro não estivesse totalmente vazio depois da fase de escapamento, atrapalharia a nova fase de admissão pelos resíduos da combustão. Optou-se, então, por dotar a câmara de combustão também com duas válvulas de escape e assim equilibrar o processo. No Brasil, a mudança veio no motor do Tempra 16V. Agora consolidada-se no do Vectra GSI. Não é por acaso que os motores desses dois carros fornecem as maiores potências específicas dos carros nacionais aliados a índices de consumo mais baixos que suas versões de motores ainda dotados de duas válvulas por cilindro. Isso é reflexo direto do desenvolvimento tecnológico dos motores.

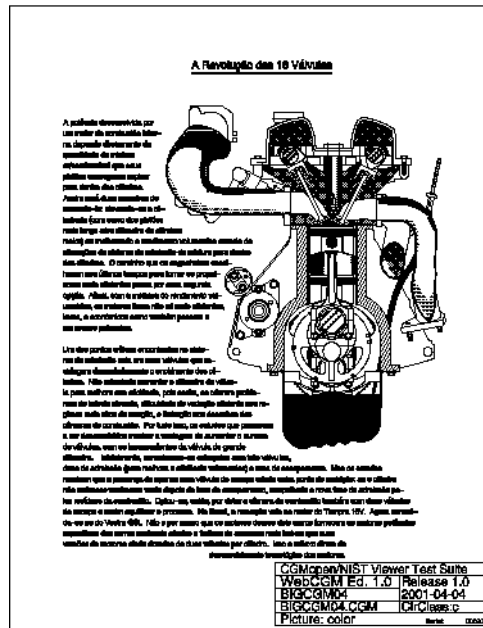
CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
BIGCGM04	2001-04-04
BIGCGM04.CGM	ClrClass:c
Picture: color	Serial: 00030

bigcgm04-CGM

Fig 74, Sheet 1 of 2 BIGCGM04

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

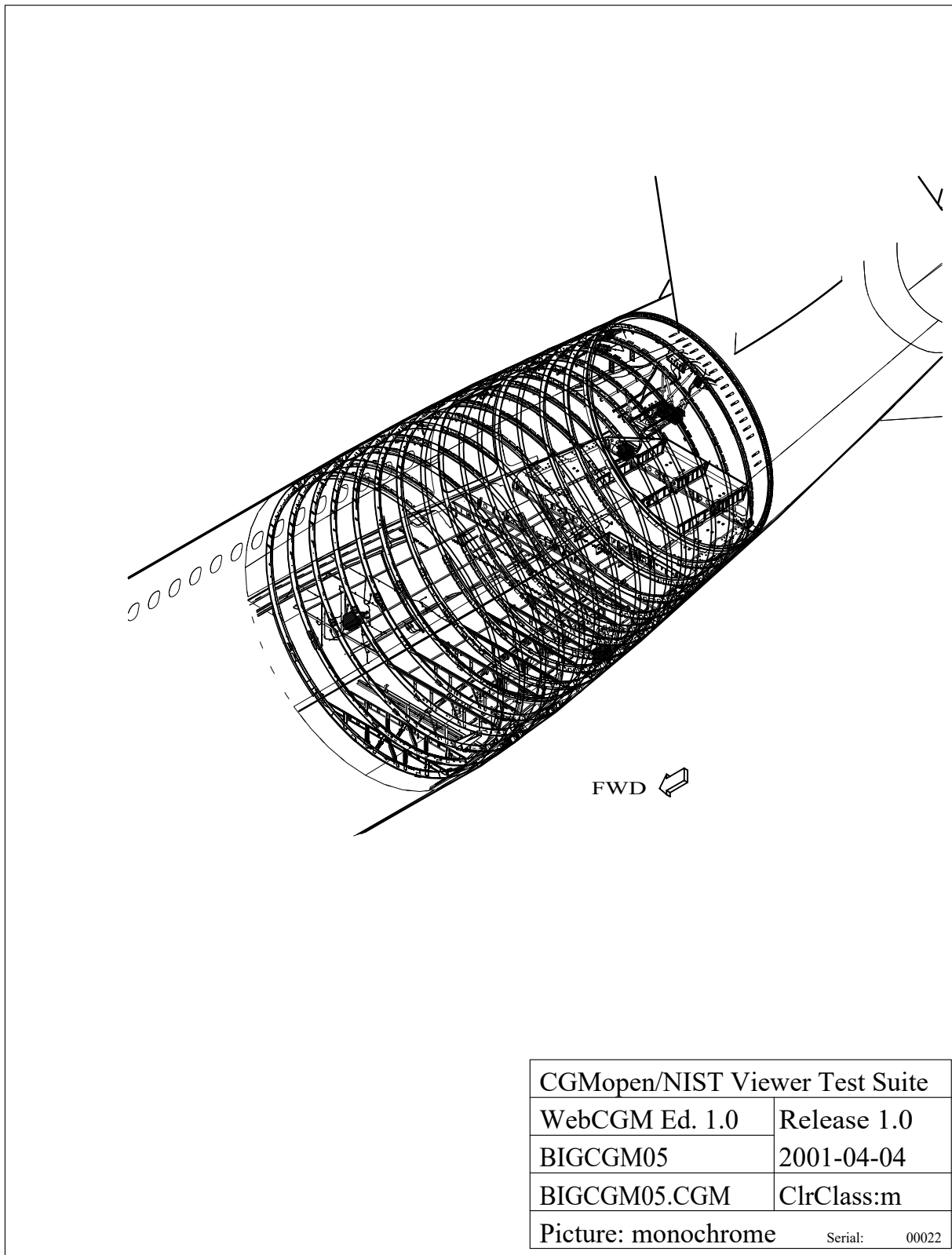


bigcgm04-PNG

Fig 74, Sheet 2 of 2 BIGCGM04

Produced by Docuneering Ltd.

1.12.3 BIGCGM05



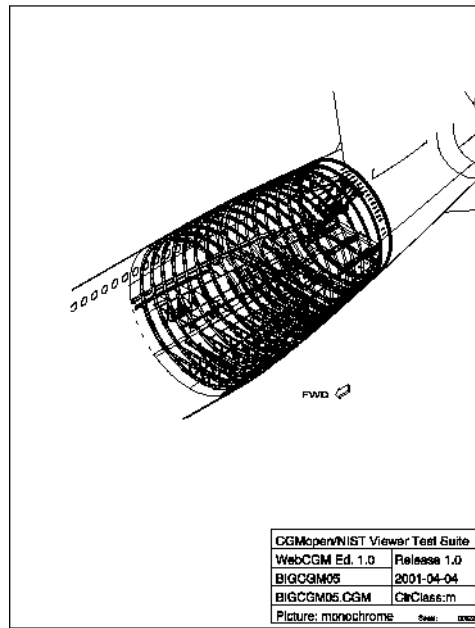
CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
BIGCGM05	2001-04-04
BIGCGM05.CGM	ClrClass:m
Picture: monochrome	Serial: 00022

bigcgm05-CGM

Fig 75, Sheet 1 of 2 BIGCGM05

Applicable to: All

TEST41-A-00-00-00-01A-040A-A



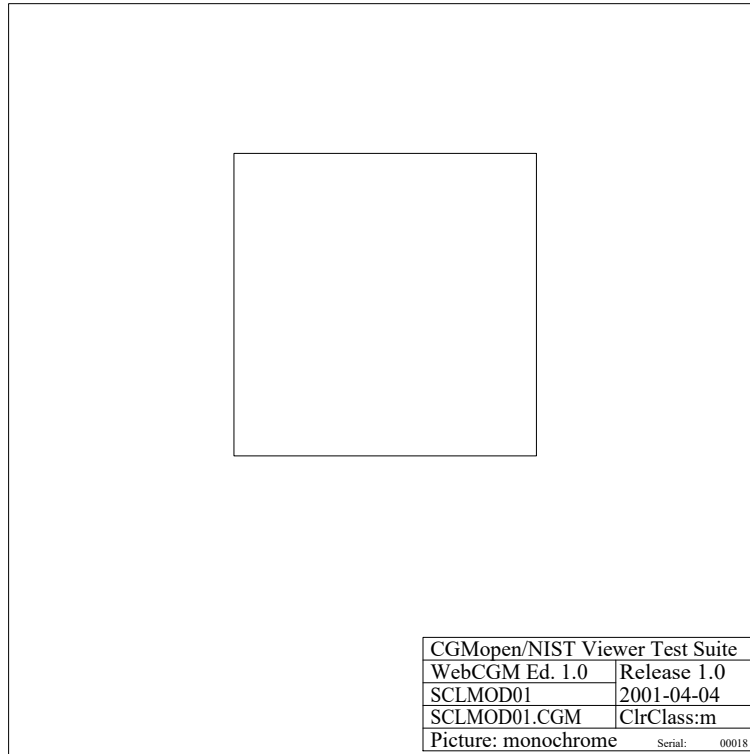
bigcgm05-PNG

Fig 75, Sheet 2 of 2 BIGCGM05

Produced by Docuneering Ltd.

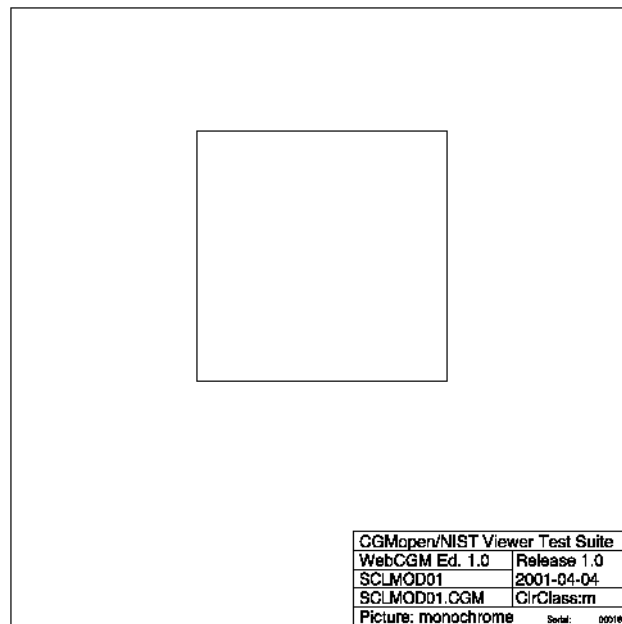
1.13 Modes

1.13.1 SCLMOD01



SCLMOD01-CGM

Fig 76, Sheet 1 of 2 SCLMOD01



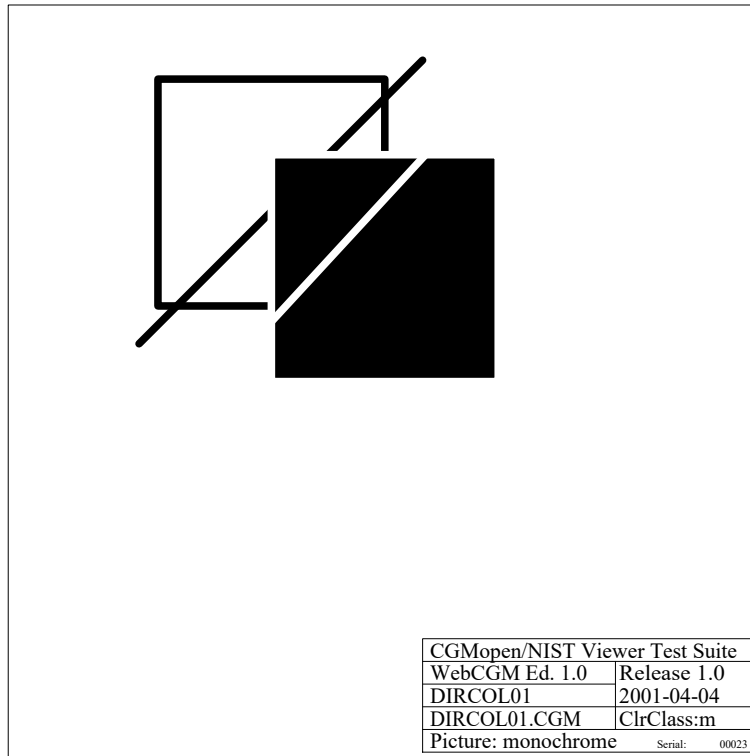
SCLMOD01-PNG

Fig 76, Sheet 2 of 2 SCLMOD01

Applicable to: All

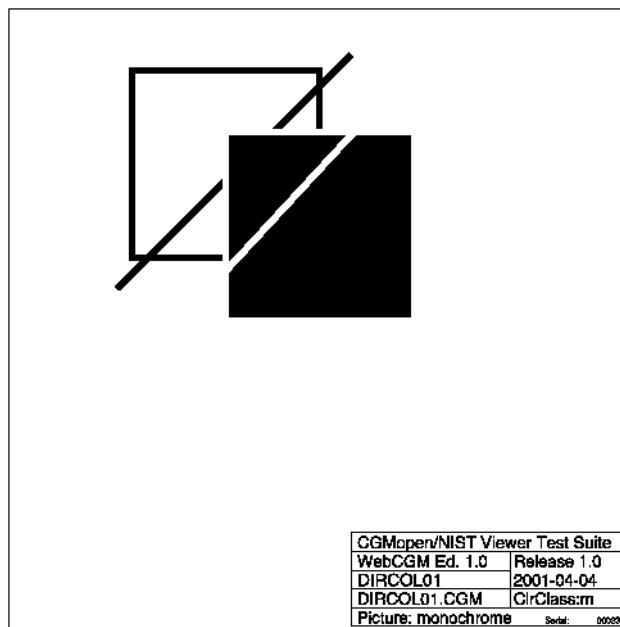
TEST41-A-00-00-00-01A-040A-A

1.13.2 DIRCOL01



DIRCOL01-CGM

Fig 77, Sheet 1 of 2 DIRCOL01

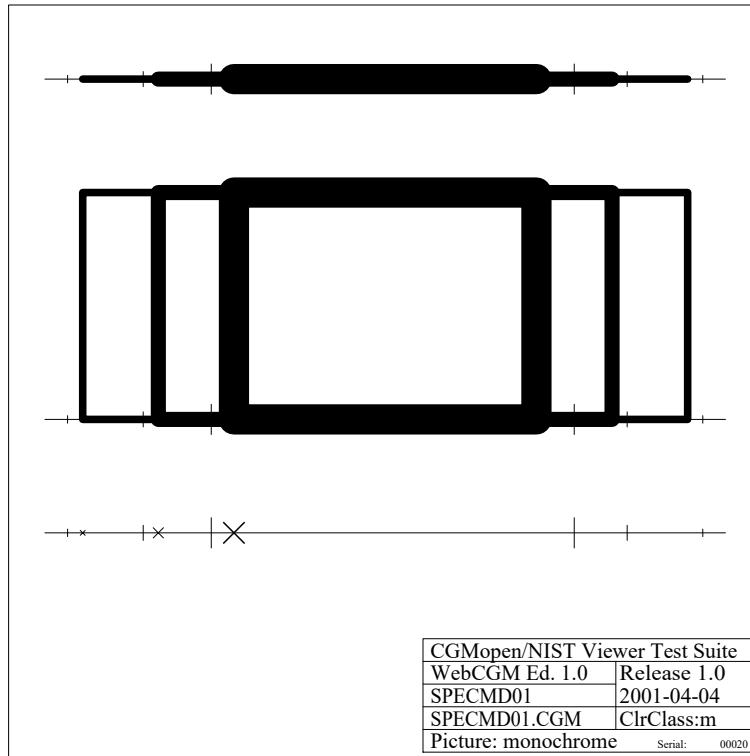


DIRCOL01-PNG

Fig 77, Sheet 2 of 2 DIRCOL01

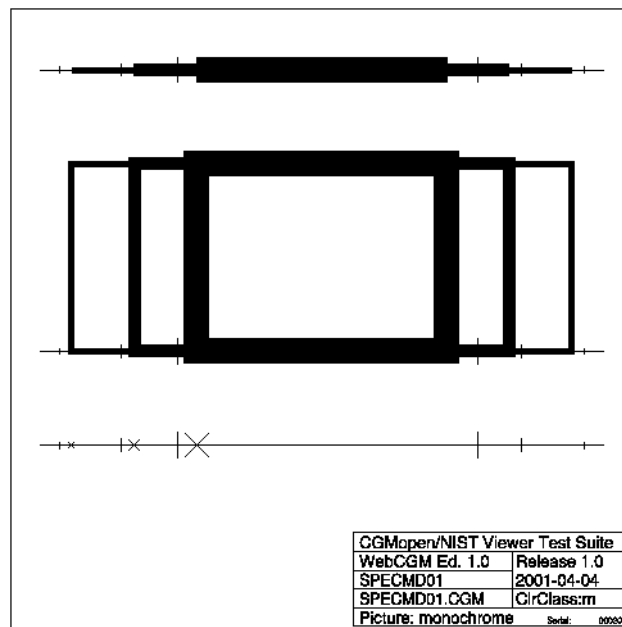
Produced by Docuneering Ltd.

1.13.3 SPECMD01



SPECMD01-CGM

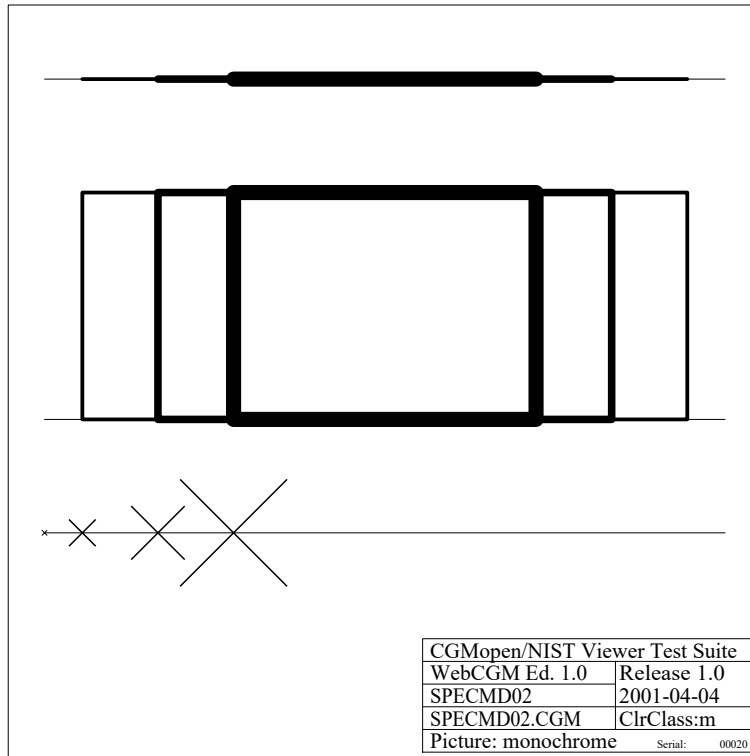
Fig 78, Sheet 1 of 2 SPECMD01



SPECMD01-PNG

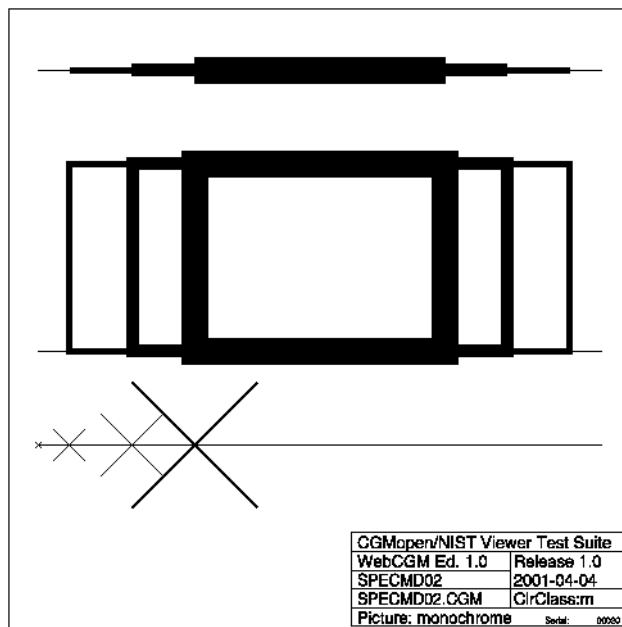
Fig 78, Sheet 2 of 2 SPECMD01

1.13.4 SPECMD02



SPECMD02-CGM

Fig 79, Sheet 1 of 2 SPECMD02



SPECMD02-PNG

Fig 79, Sheet 2 of 2 SPECMD02

Produced by Docuneering Ltd.

1.14 Text Elements

1.14.1 RESTXT01



RESTXT01-CGM

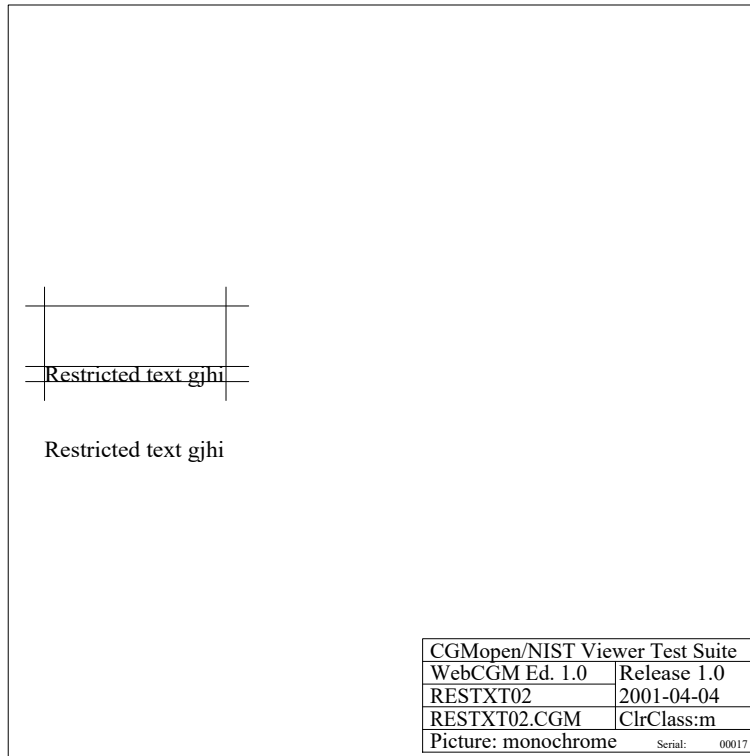
Fig 80, Sheet 1 of 2 RESTXT01



RESTXT01-PNG

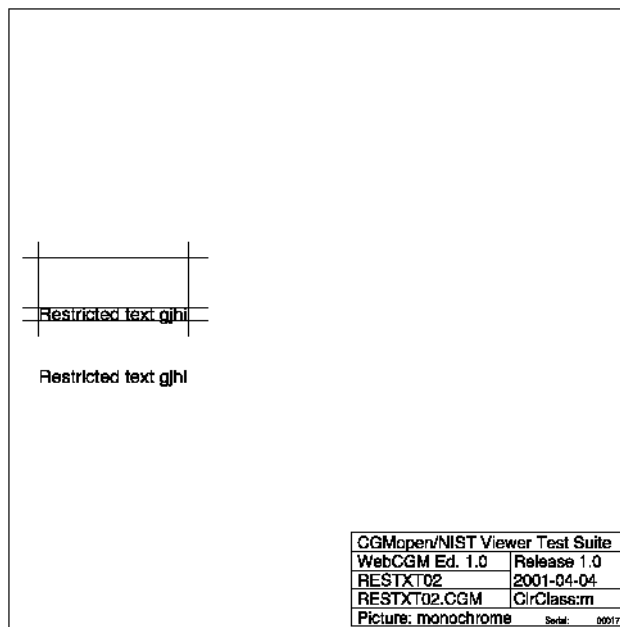
Fig 80, Sheet 2 of 2 RESTXT01

1.14.2 RESTXT02



RESTXT02-CGM

Fig 81, Sheet 1 of 2 RESTXT02



RESTXT02-PNG

Fig 81, Sheet 2 of 2 RESTXT02

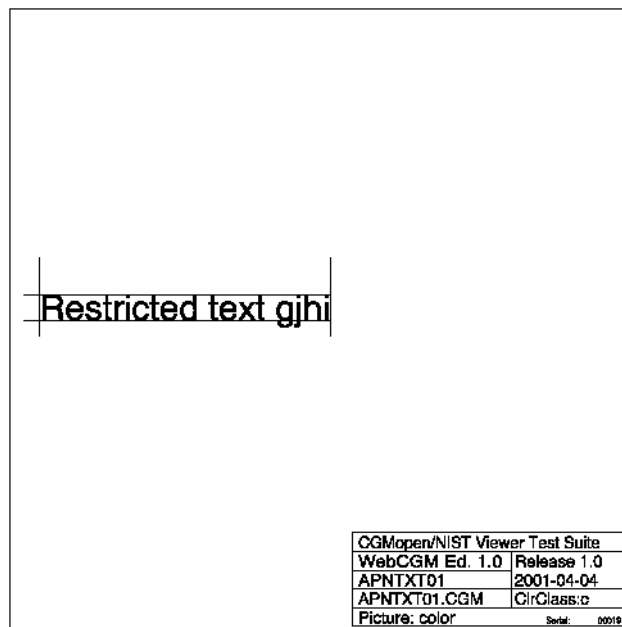
Produced by Docuneering Ltd.

1.14.3 APNXT01



APNXT01-CGM

Fig 82, Sheet 1 of 2 APNXT01



APNXT01-PNG

Fig 82, Sheet 2 of 2 APNXT01

1.14.4 APNXT02



APNXT02-CGM

Fig 83, Sheet 1 of 2 APNXT02

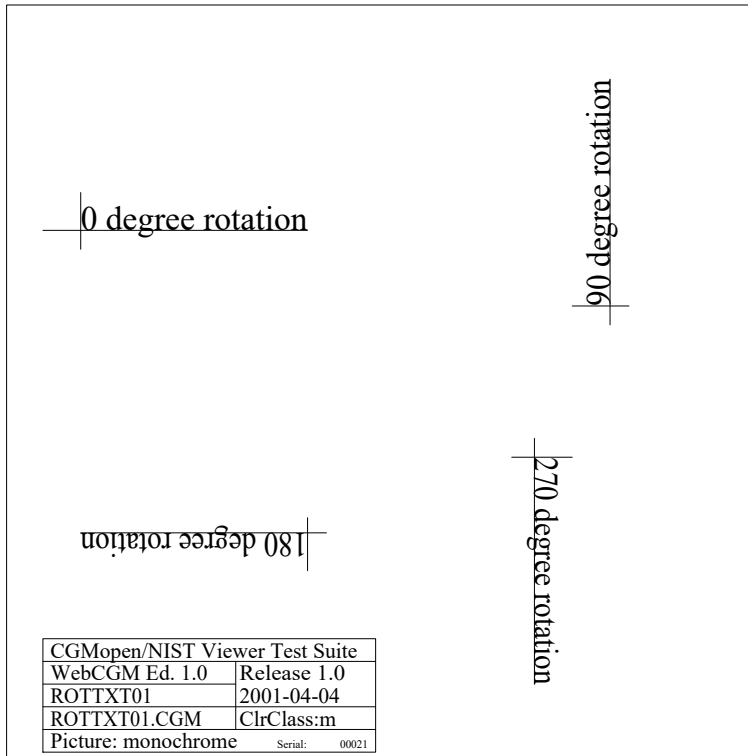


APNXT02-PNG

Fig 83, Sheet 2 of 2 APNXT02

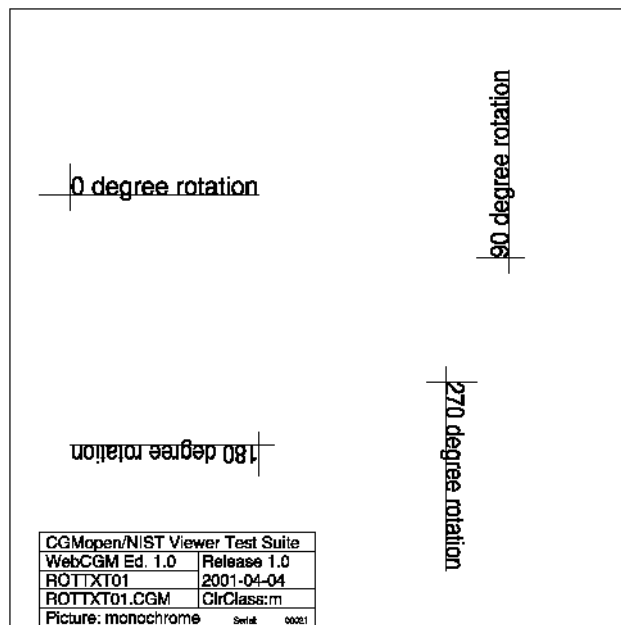
Produced by Docuneering Ltd.

1.14.5 ROTTXT01



ROTTXT01-CGM

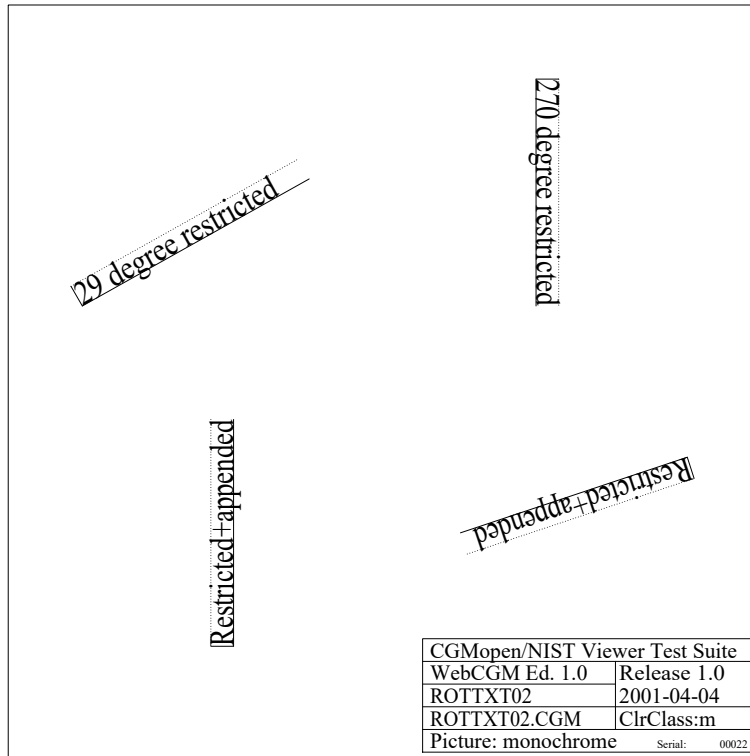
Fig 84, Sheet 1 of 2 ROTTXT01



ROTTXT01-PNG

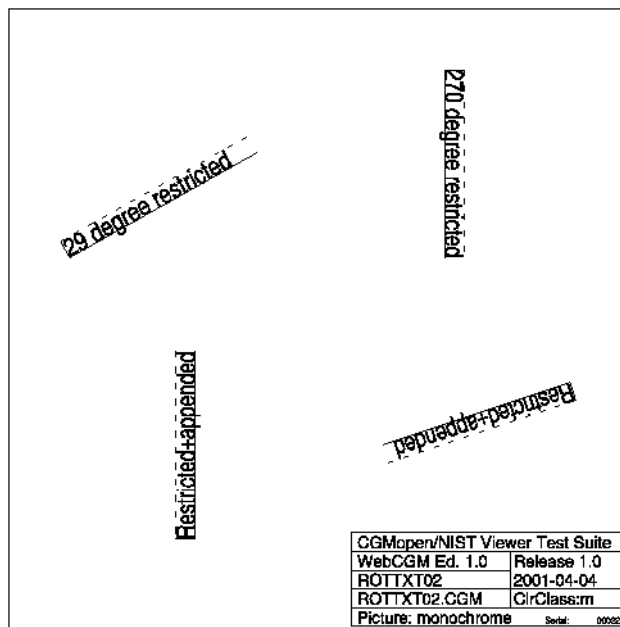
Fig 84, Sheet 2 of 2 ROTTXT01

1.14.6 ROTTXT02



ROTTXT02-CGM

Fig 85, Sheet 1 of 2 ROTTXT02

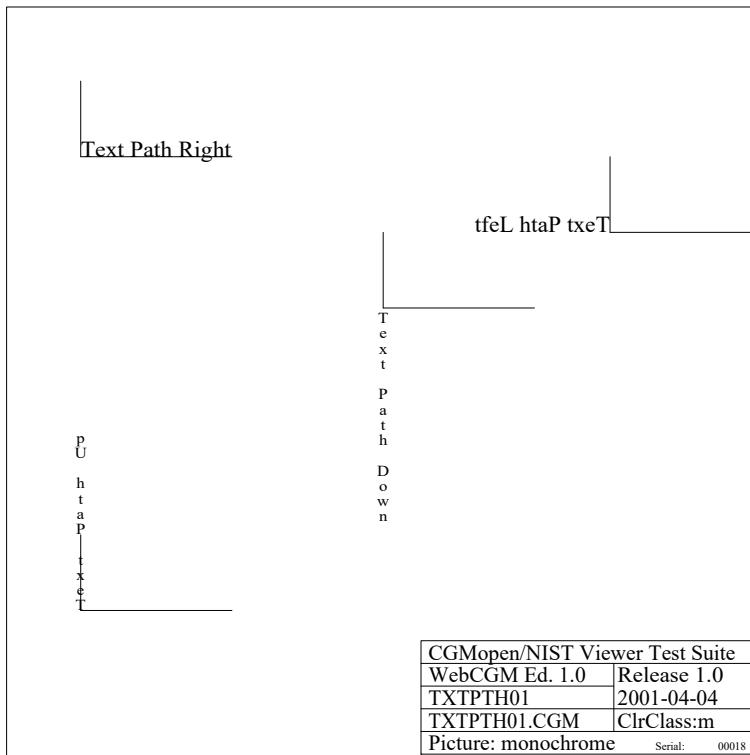


ROTTXT02-PNG

Fig 85, Sheet 2 of 2 ROTTXT02

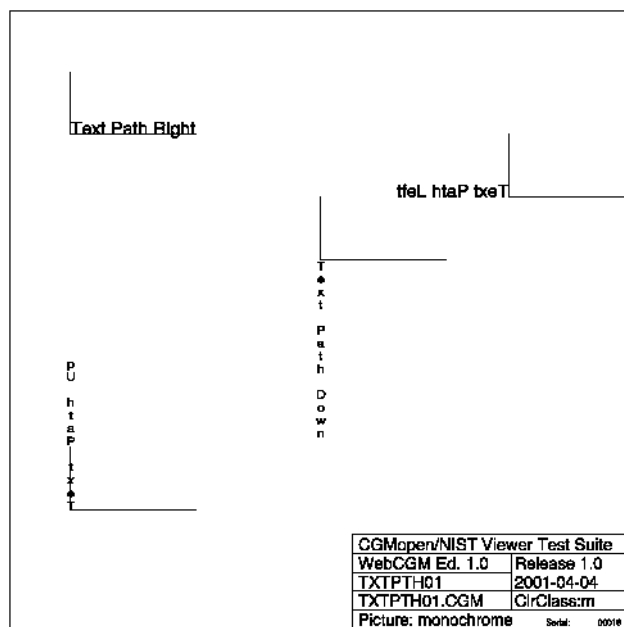
Produced by Docuneering Ltd.

1.14.7 TXTPTH01



TXTPTH01-CGM

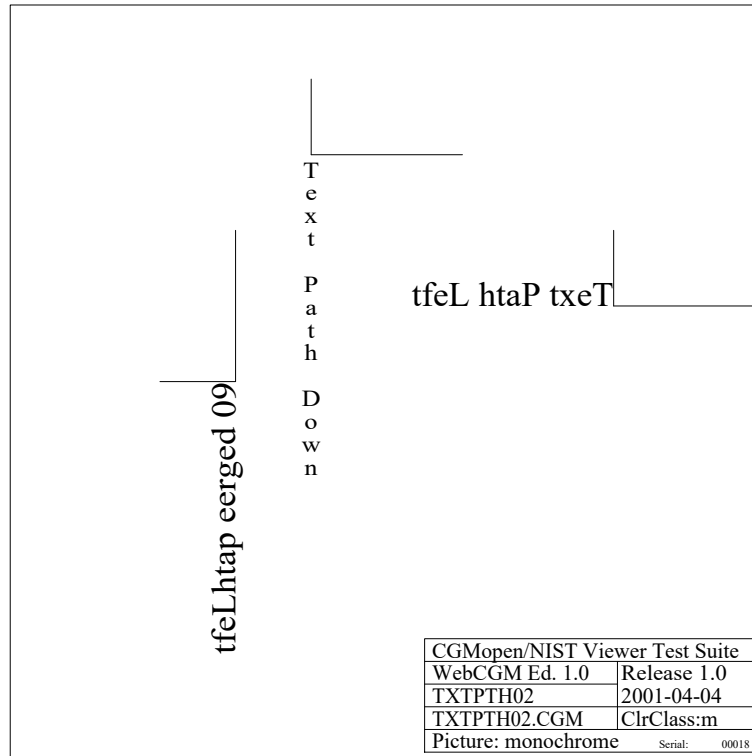
Fig 86, Sheet 1 of 2 TXTPTH01



TXTPTH01-PNG

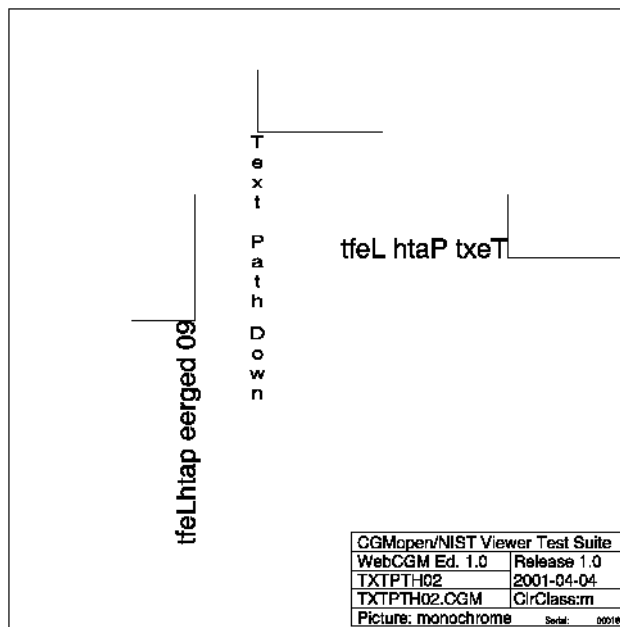
Fig 86, Sheet 2 of 2 TXTPTH01

1.14.8 TXTPH02



TXTPH02-CGM

Fig 87, Sheet 1 of 2 TXTPH02

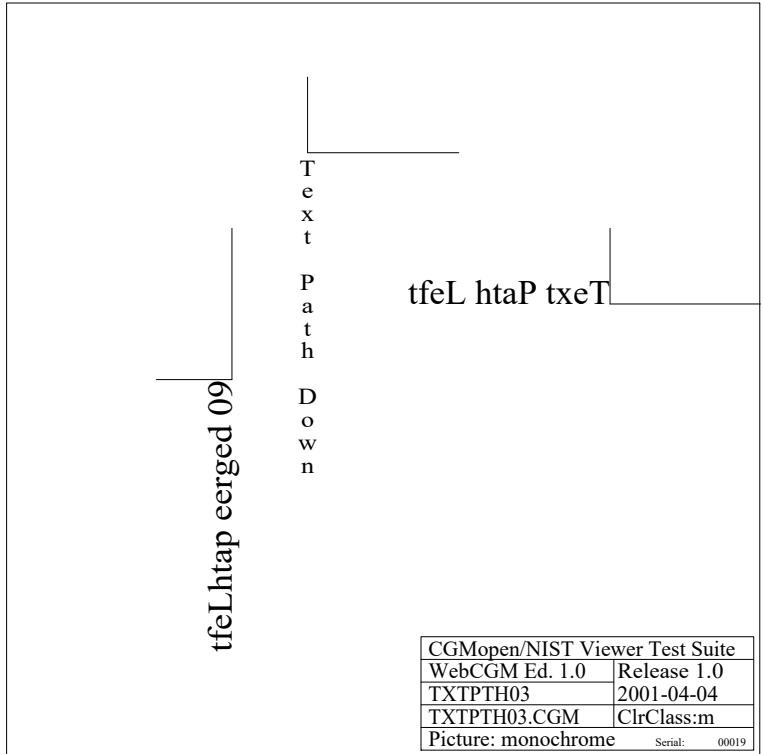


TXTPH02-PNG

Fig 87, Sheet 2 of 2 TXTPH02

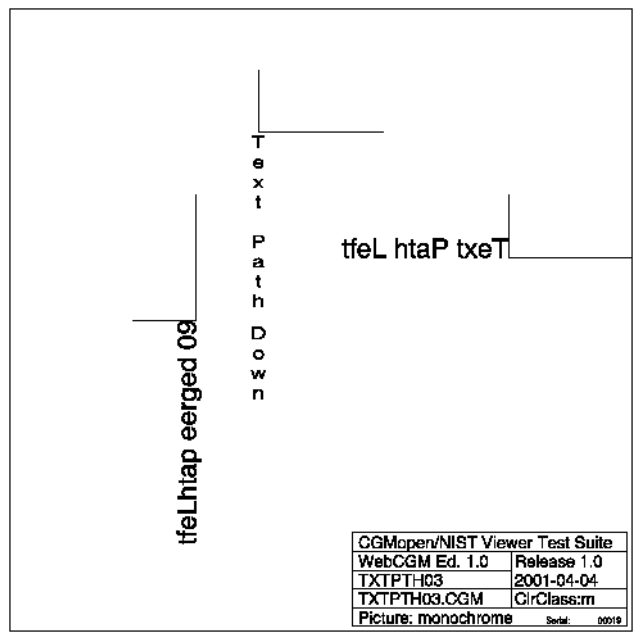
Produced by Docuneering Ltd.

1.14.9 TXTPH03



TXTPH03-CGM

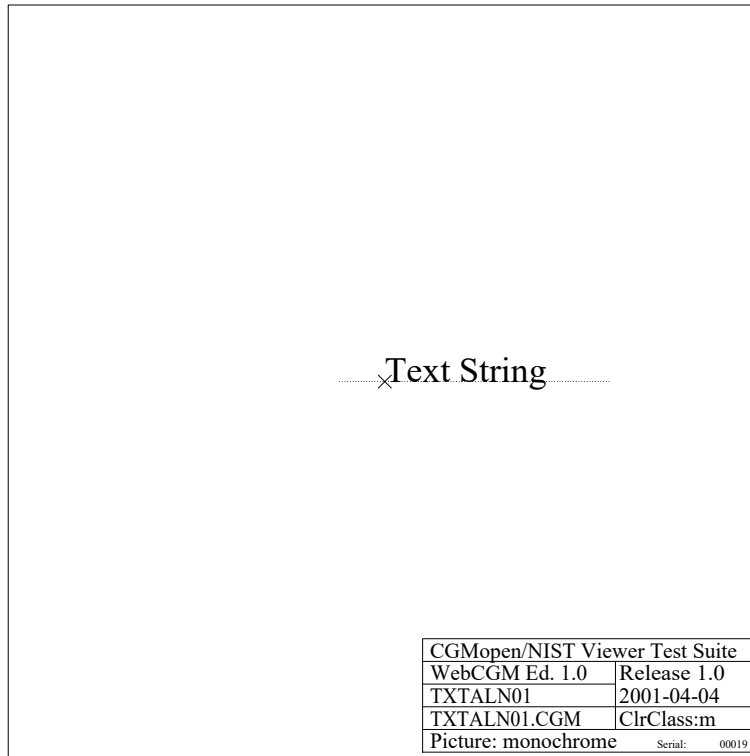
Fig 88, Sheet 1 of 2 TXTPH03



TXTPH03-PNG

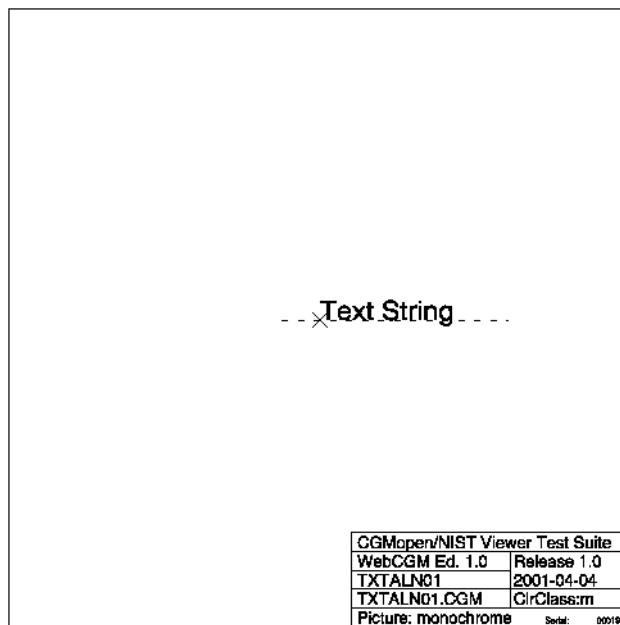
Fig 88, Sheet 2 of 2 TXTPH03

1.14.10 TXTALN01



TXTALN01-CGM

Fig 89, Sheet 1 of 2 TXTALN01



TXTALN01-PNG

Fig 89, Sheet 2 of 2 TXTALN01

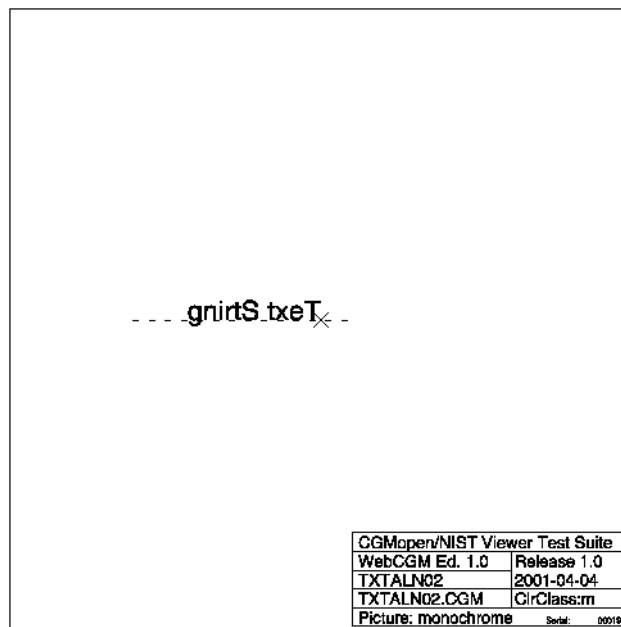
Produced by Docuneering Ltd.

1.14.11 TXTALN02



TXTALN02-CGM

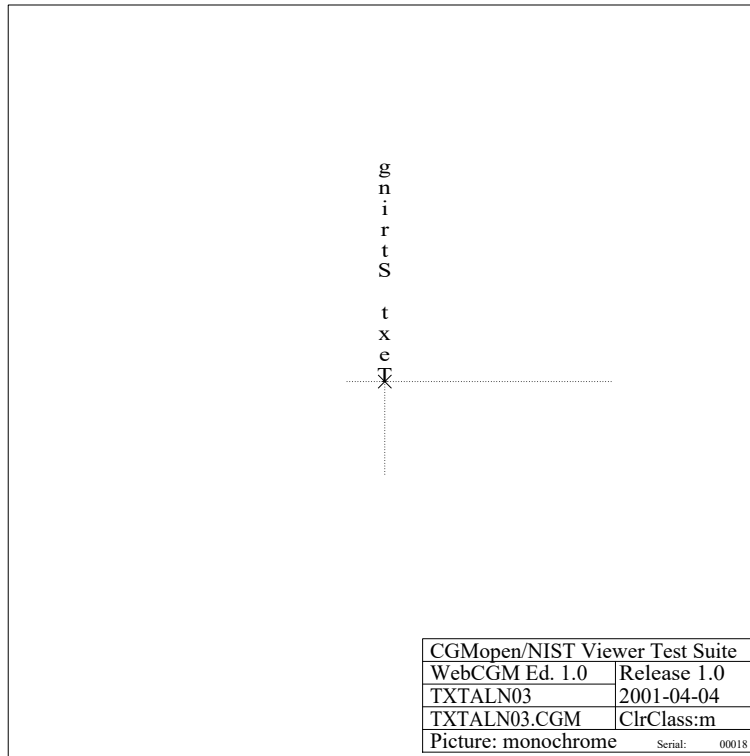
Fig 90, Sheet 1 of 2 TXTALN02



TXTALN02-PNG

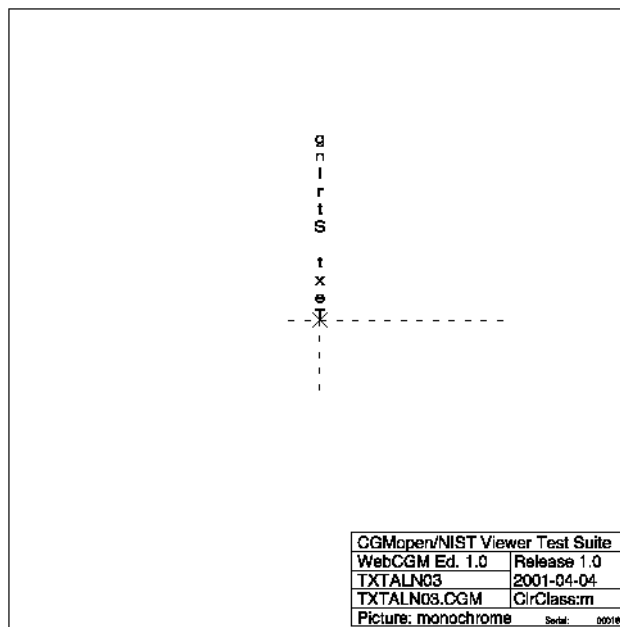
Fig 90, Sheet 2 of 2 TXTALN02

1.14.12 TXTALN03



TXTALN03-CGM

Fig 91, Sheet 1 of 2 TXTALN03

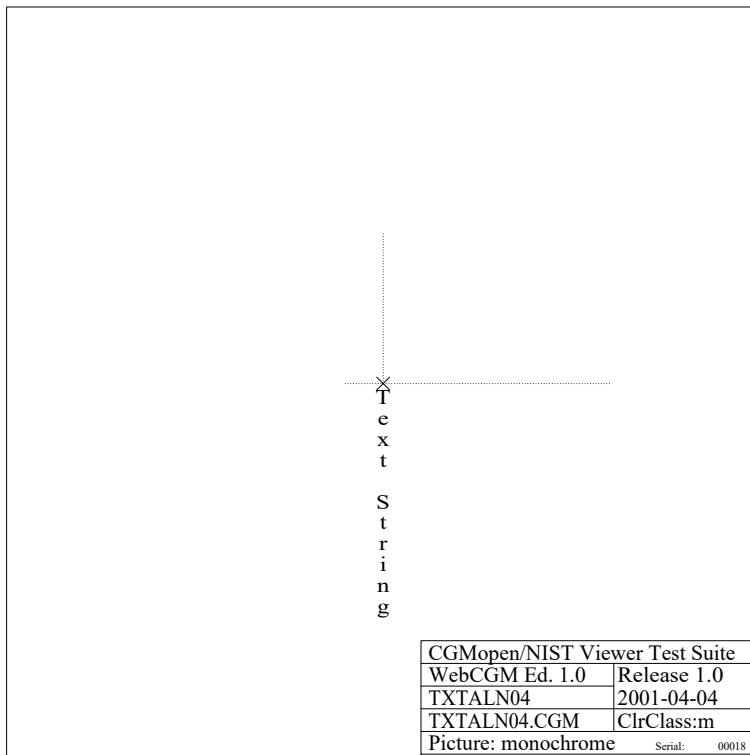


TXTALN03-PNG

Fig 91, Sheet 2 of 2 TXTALN03

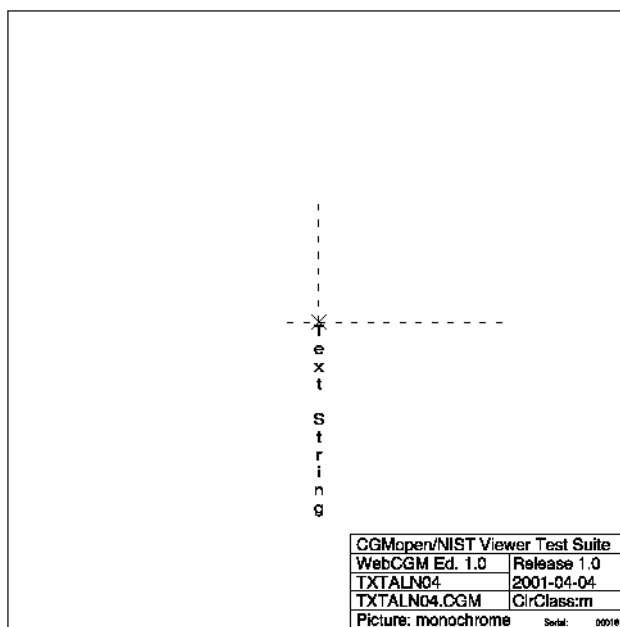
Produced by Docuneering Ltd.

1.14.13 TXTALN04



TXTALN04-CGM

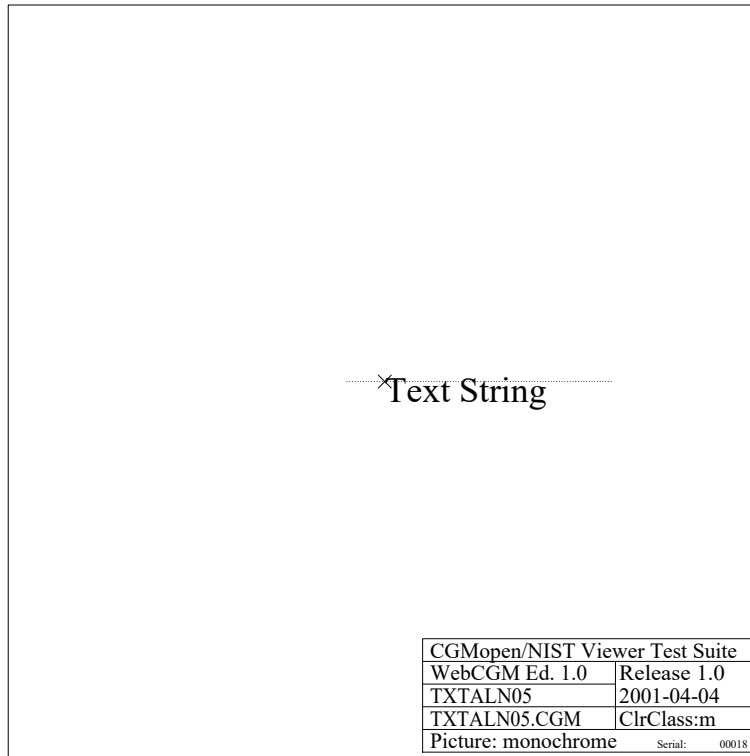
Fig 92, Sheet 1 of 2 TXTALN04



TXTALN04-PNG

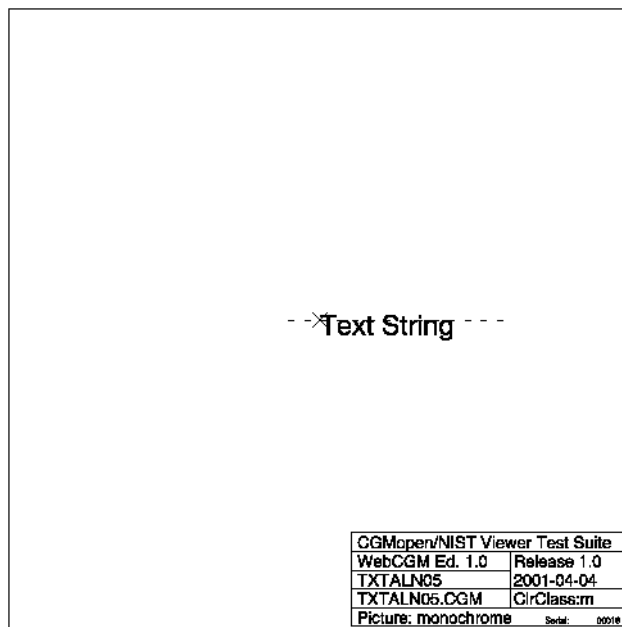
Fig 92, Sheet 2 of 2 TXTALN04

1.14.14 TXTALN05



TXTALN05-CGM

Fig 93, Sheet 1 of 2 TXTALN05

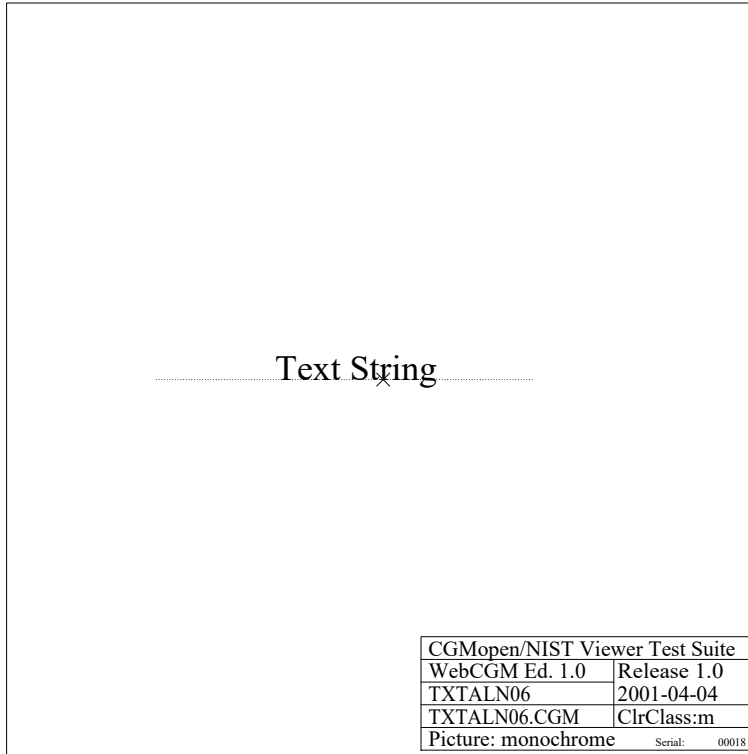


TXTALN05-PNG

Fig 93, Sheet 2 of 2 TXTALN05

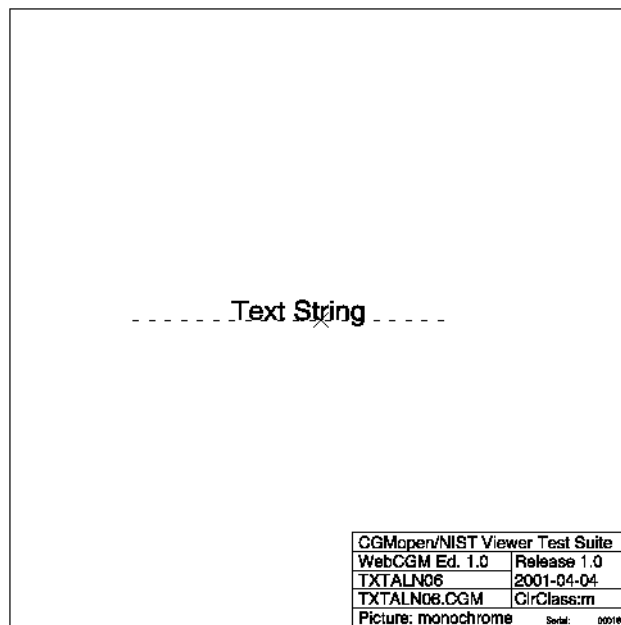
Produced by Docuneering Ltd.

1.14.15 TXTALN06



TXTALN06-CGM

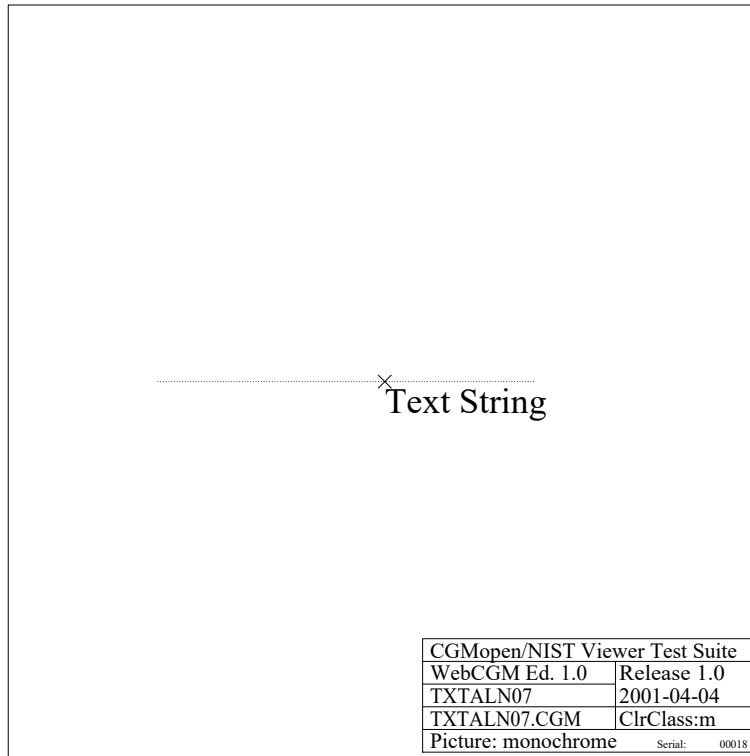
Fig 94, Sheet 1 of 2 TXTALN06



TXTALN06-PNG

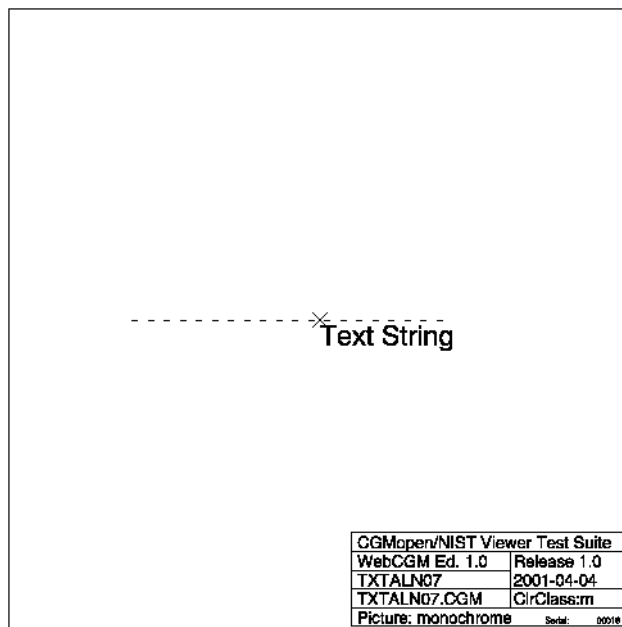
Fig 94, Sheet 2 of 2 TXTALN06

1.14.16 TXTALN07



TXTALN07-CGM

Fig 95, Sheet 1 of 2 TXTALN07

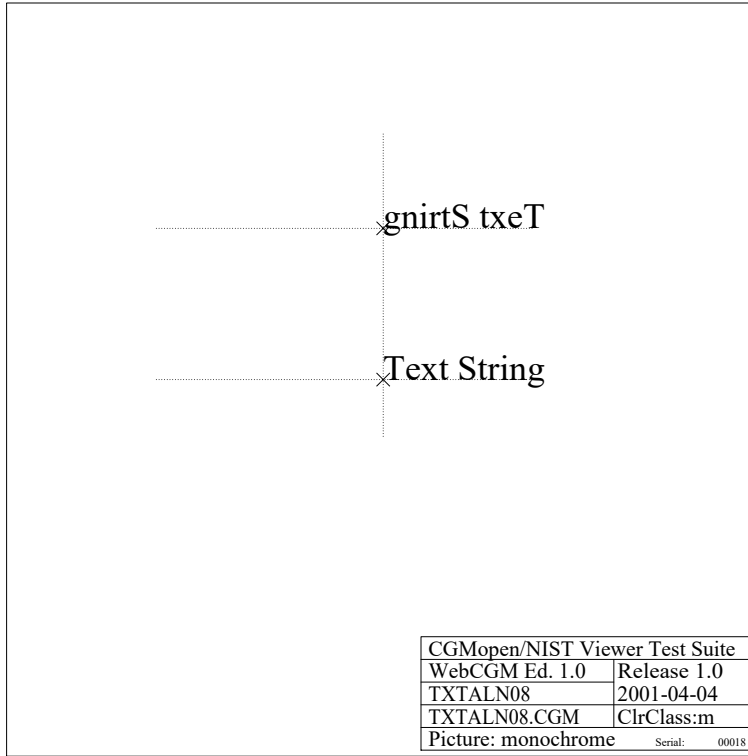


TXTALN07-PNG

Fig 95, Sheet 2 of 2 TXTALN07

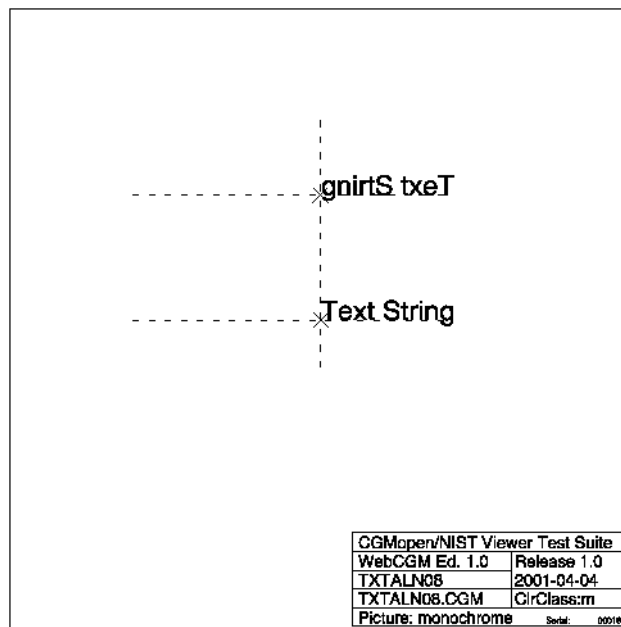
Produced by Docuneering Ltd.

1.14.17 TXTALN08



TXTALN08-CGM

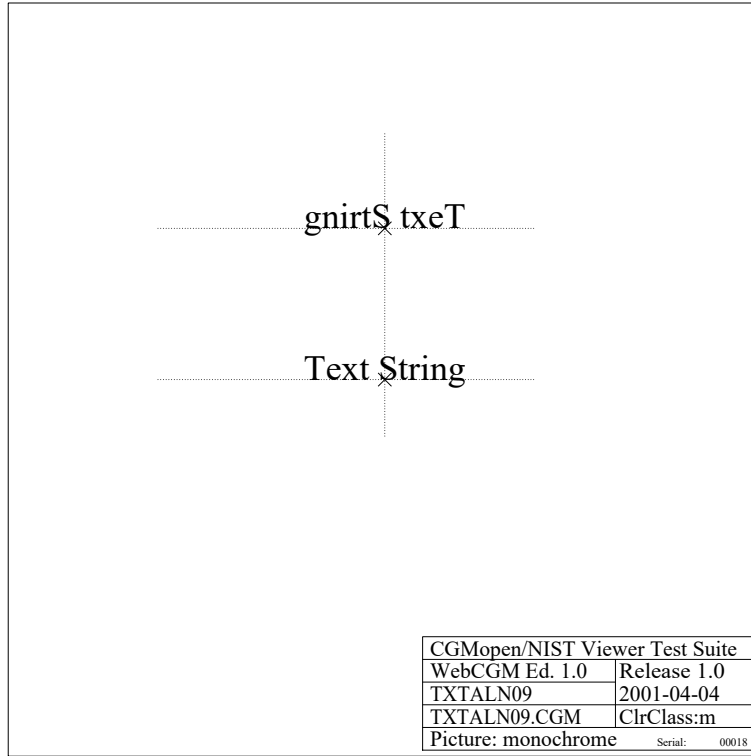
Fig 96, Sheet 1 of 2 TXTALN08



TXTALN08-PNG

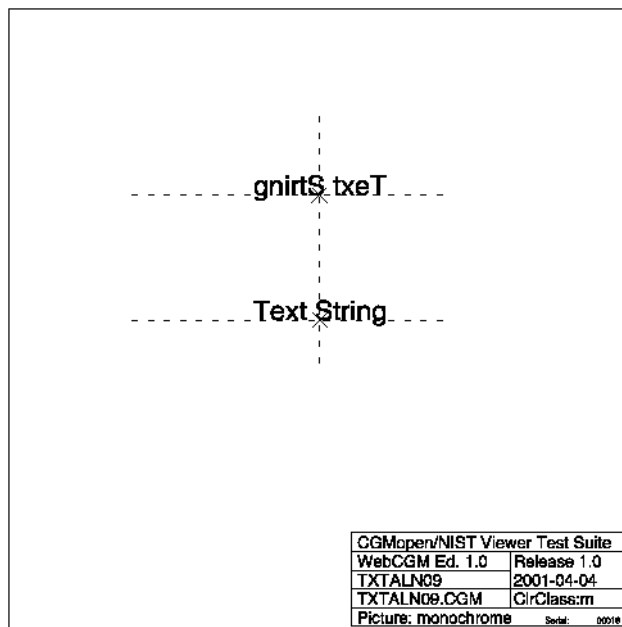
Fig 96, Sheet 2 of 2 TXTALN08

1.14.18 TXTALN09



TXTALN09-CGM

Fig 97, Sheet 1 of 2 TXTALN09

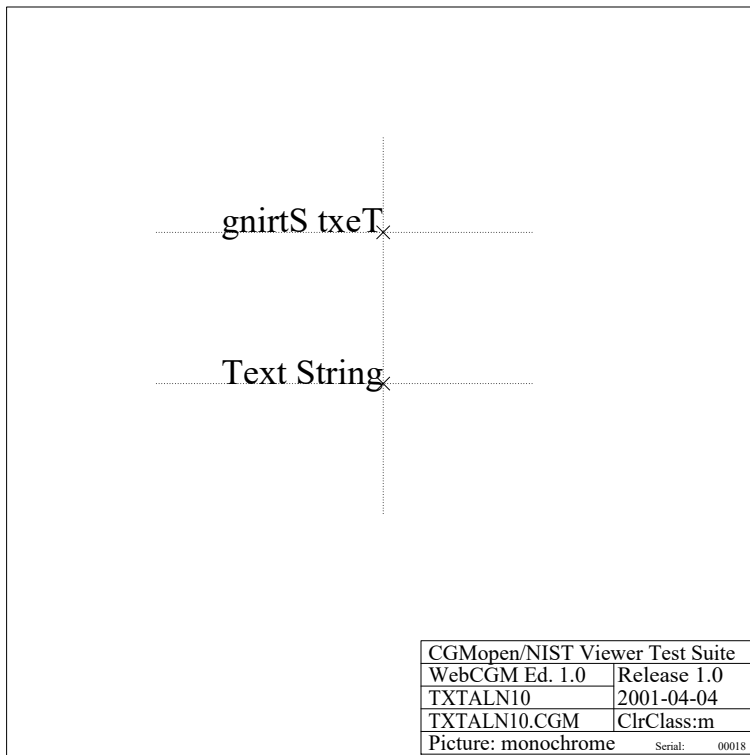


TXTALN09-PNG

Fig 97, Sheet 2 of 2 TXTALN09

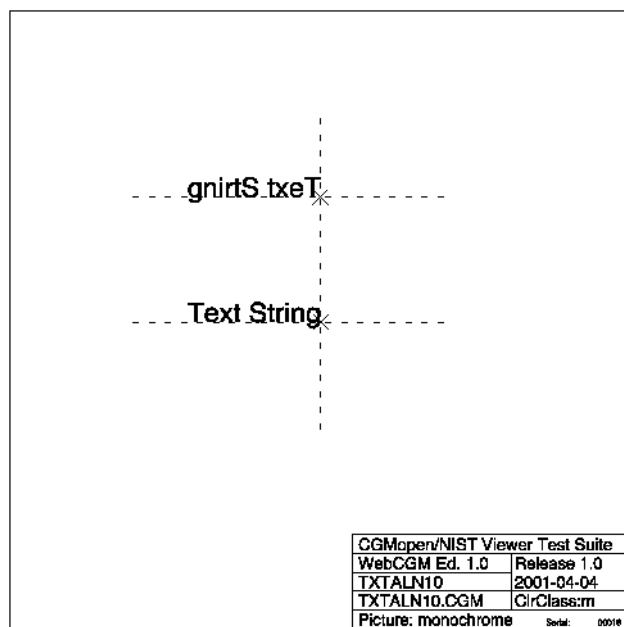
Produced by Docuneering Ltd.

1.14.19 TXTALN10



TXTALN10-CGM

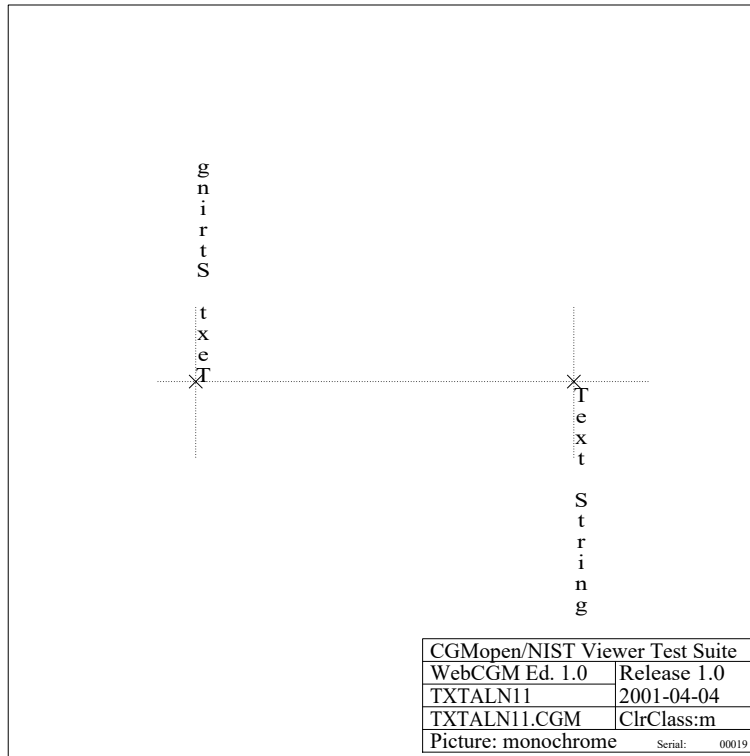
Fig 98, Sheet 1 of 2 TXTALN10



TXTALN10-PNG

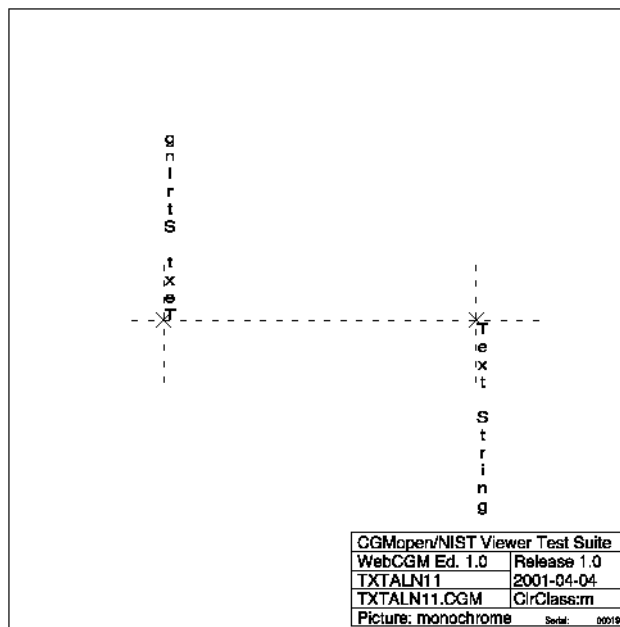
Fig 98, Sheet 2 of 2 TXTALN10

1.14.20 TXTALN11



TXTALN11-CGM

Fig 99, Sheet 1 of 2 TXTALN11

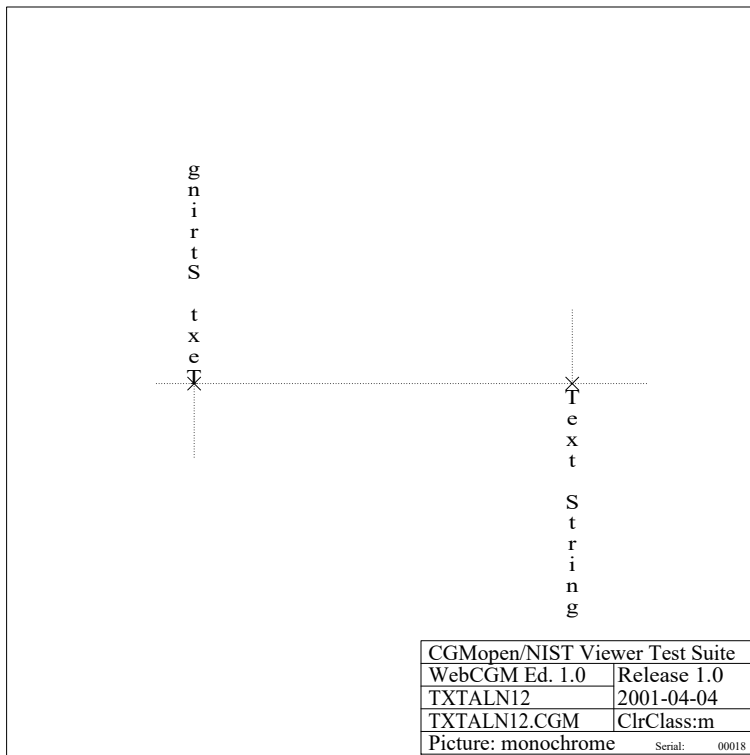


TXTALN11-PNG

Fig 99, Sheet 2 of 2 TXTALN11

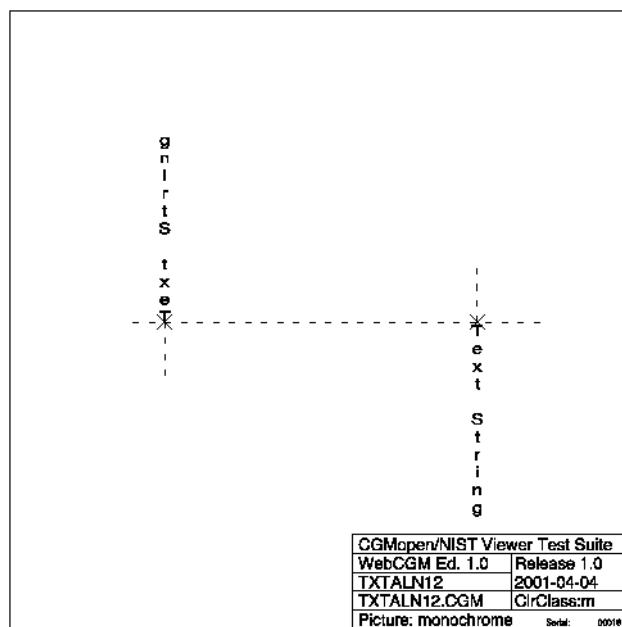
Produced by Docuneering Ltd.

1.14.21 TXTALN12



TXTALN12-CGM

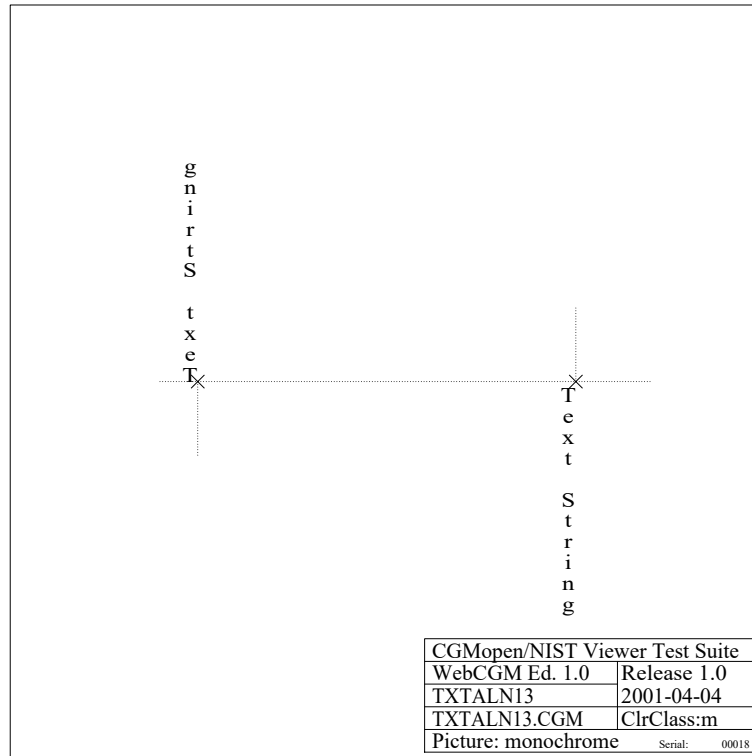
Fig 100, Sheet 1 of 2 TXTALN12



TXTALN12-PNG

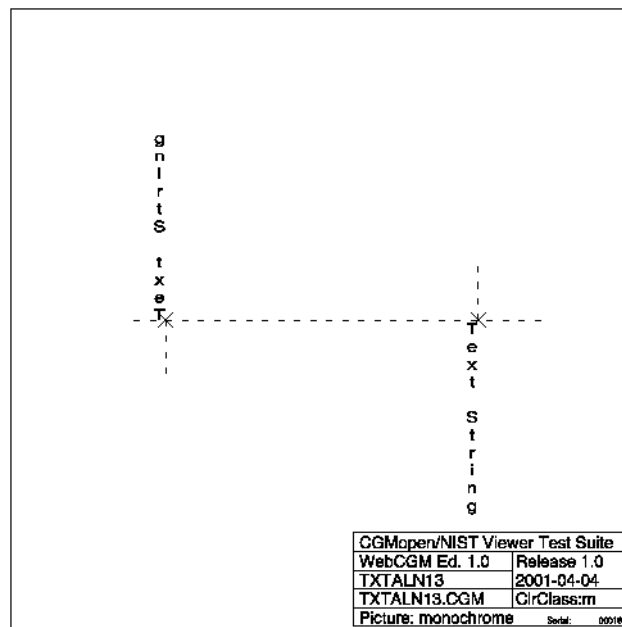
Fig 100, Sheet 2 of 2 TXTALN12

1.14.22 TXTALN13



TXTALN13-CGM

Fig 101, Sheet 1 of 2 TXTALN13

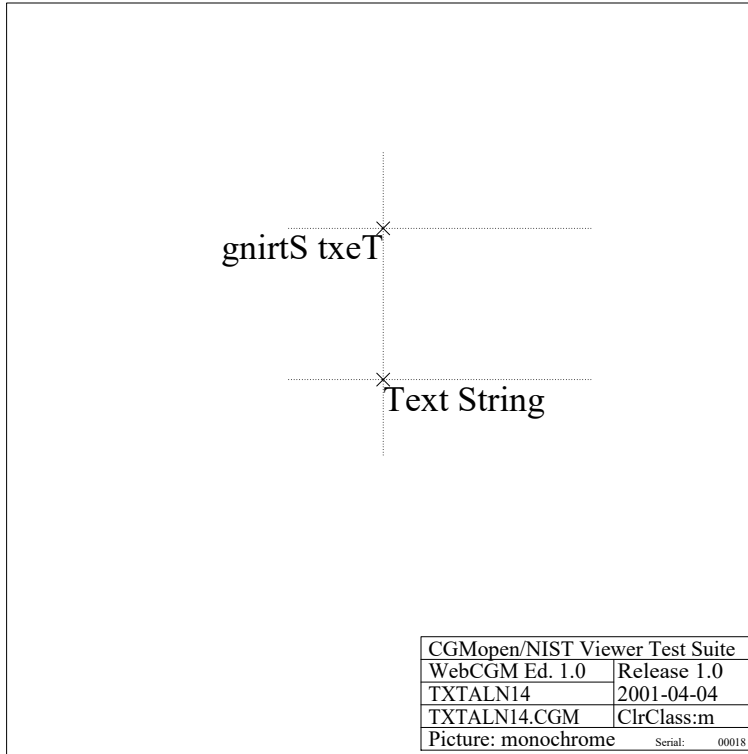


TXTALN13-PNG

Fig 101, Sheet 2 of 2 TXTALN13

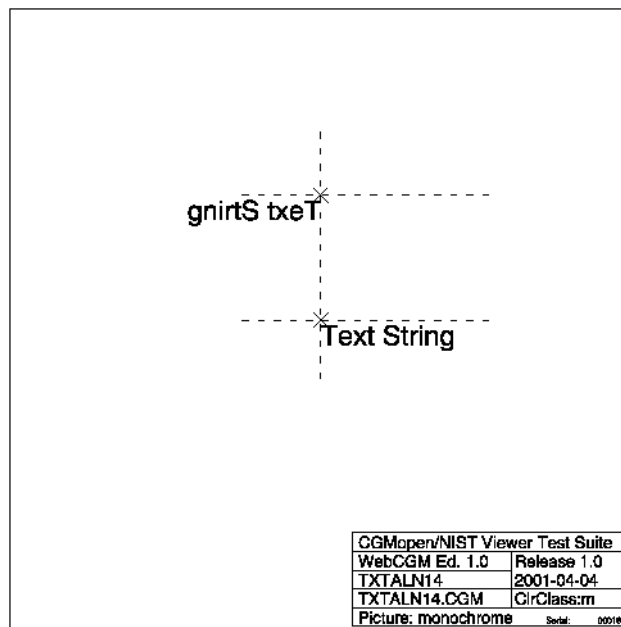
Produced by Docuneering Ltd.

1.14.23 TXTALN14



TXTALN14-CGM

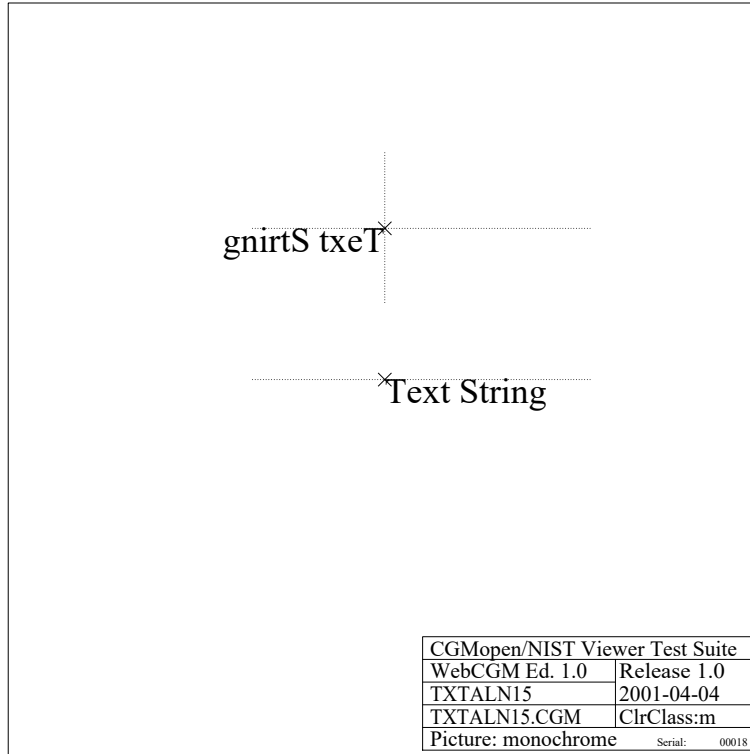
Fig 102, Sheet 1 of 2 TXTALN14



TXTALN14-PNG

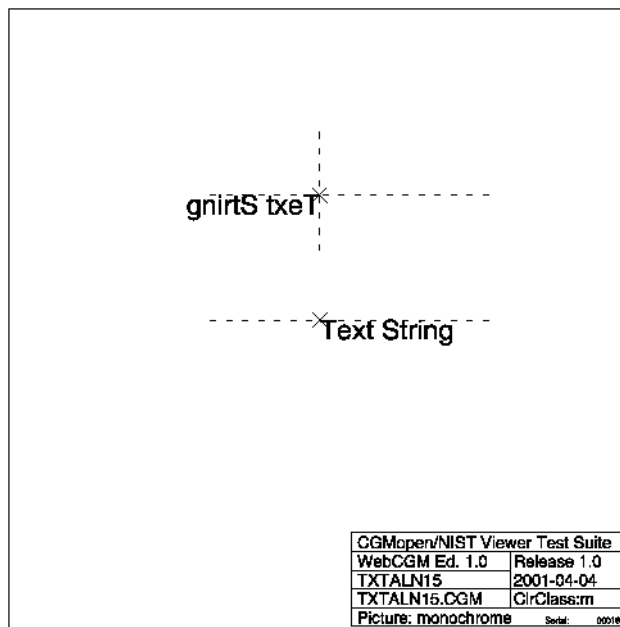
Fig 102, Sheet 2 of 2 TXTALN14

1.14.24 TXTALN15



TXTALN15-CGM

Fig 103, Sheet 1 of 2 TXTALN15

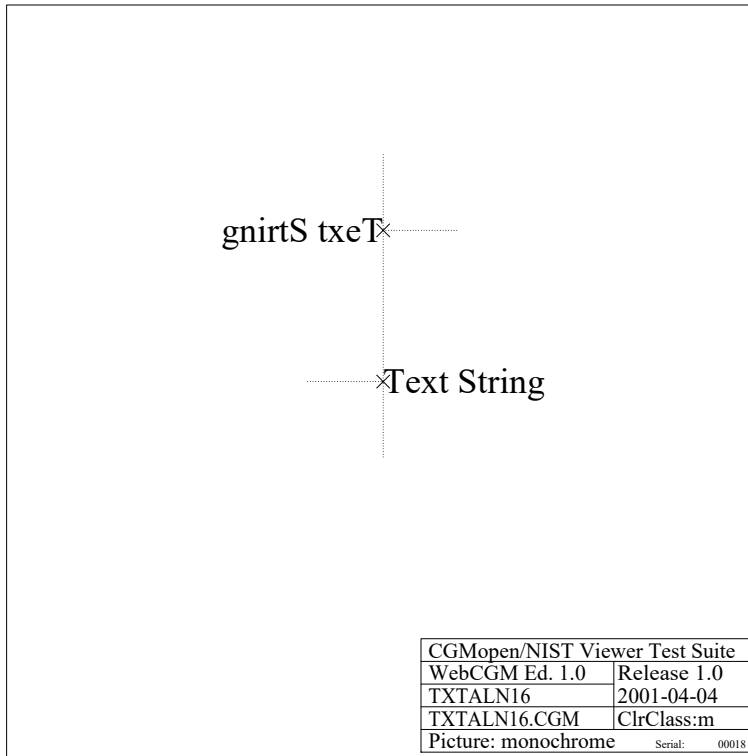


TXTALN15-PNG

Fig 103, Sheet 2 of 2 TXTALN15

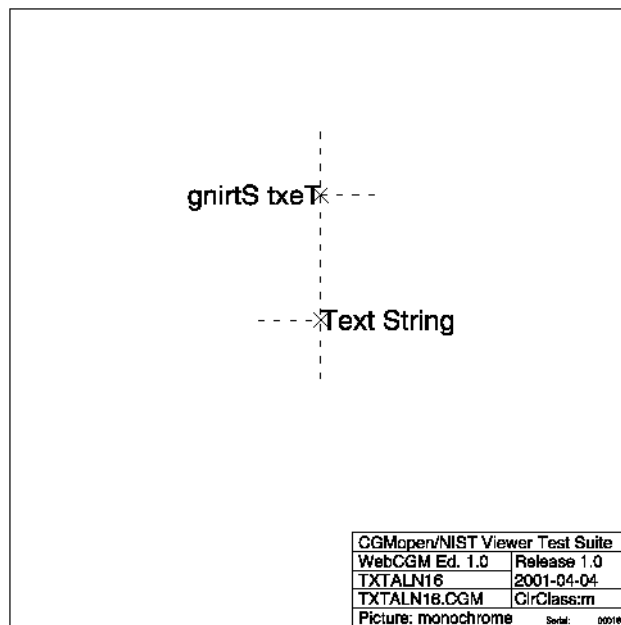
Produced by Docuneering Ltd.

1.14.25 TXTALN16



TXTALN16-CGM

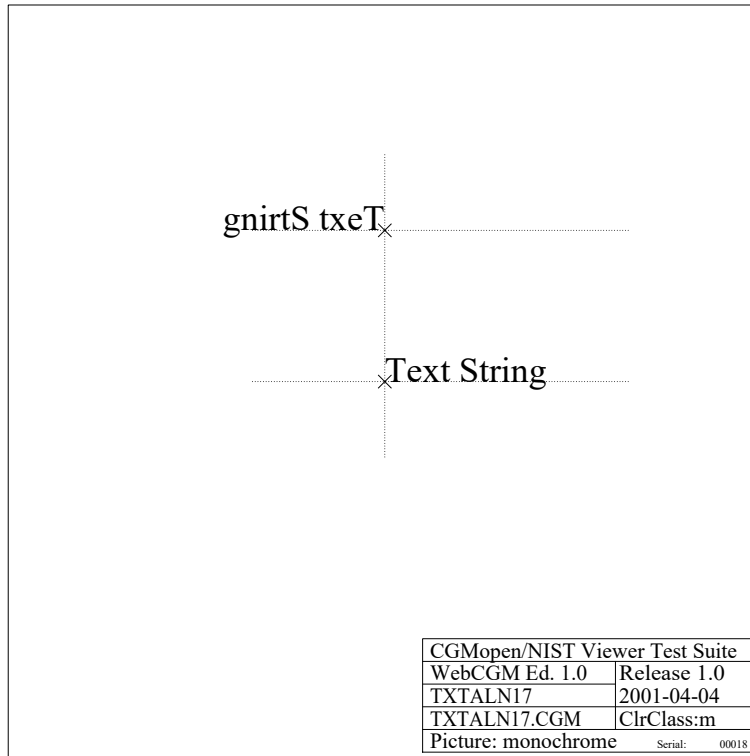
Fig 104, Sheet 1 of 2 TXTALN16



TXTALN16-PNG

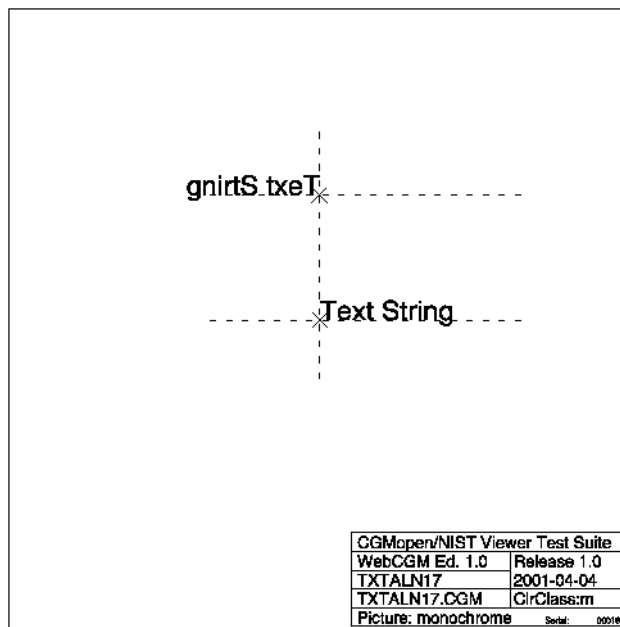
Fig 104, Sheet 2 of 2 TXTALN16

1.14.26 TXTALN17



TXTALN17-CGM

Fig 105, Sheet 1 of 2 TXTALN17

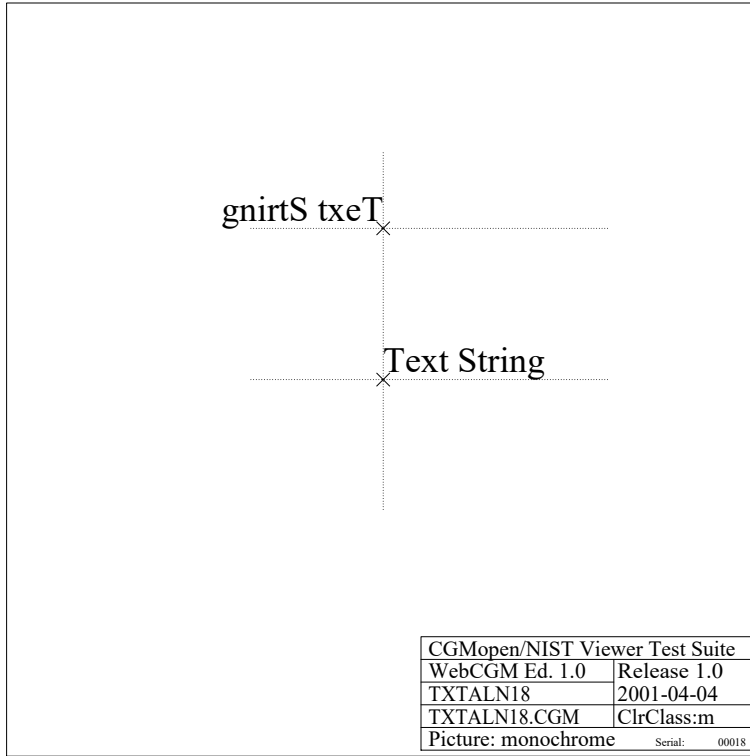


TXTALN17-PNG

Fig 105, Sheet 2 of 2 TXTALN17

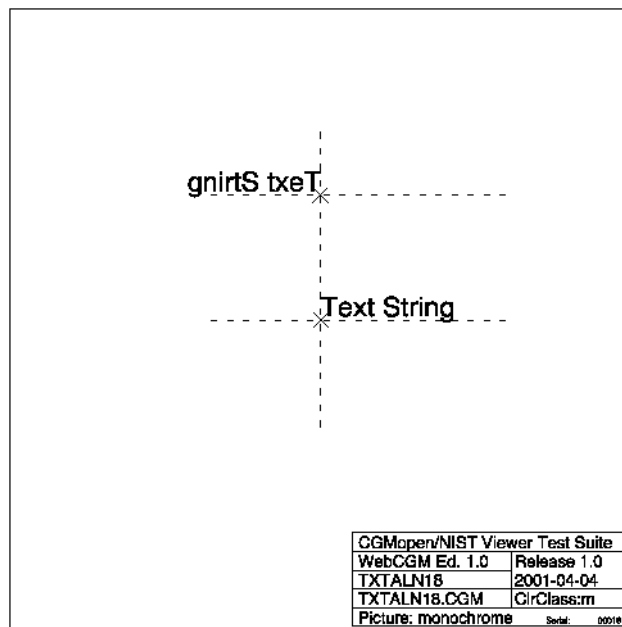
Produced by Docuneering Ltd.

1.14.27 TXTALN18



TXTALN18-CGM

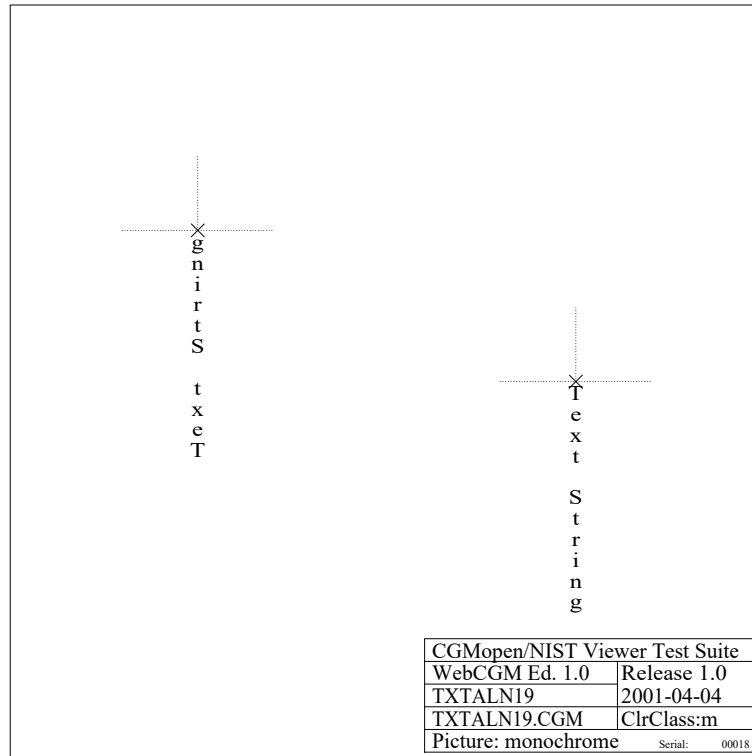
Fig 106, Sheet 1 of 2 TXTALN18



TXTALN18-PNG

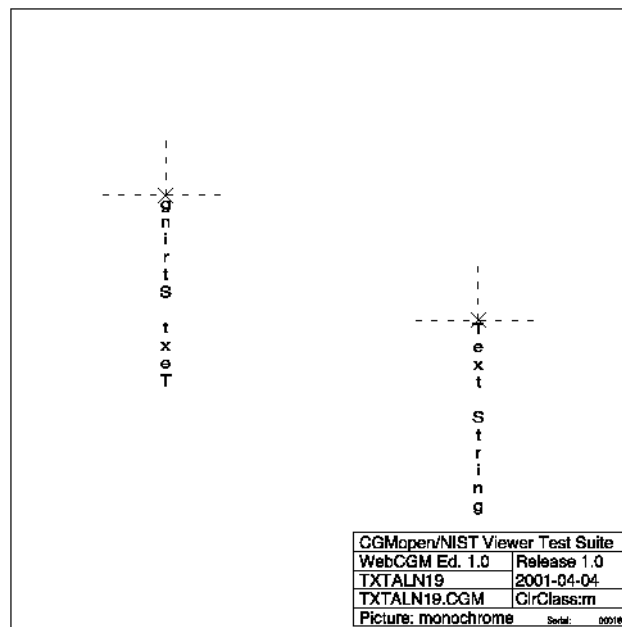
Fig 106, Sheet 2 of 2 TXTALN18

1.14.28 TXTALN19



TXTALN19-CGM

Fig 107, Sheet 1 of 2 TXTALN19

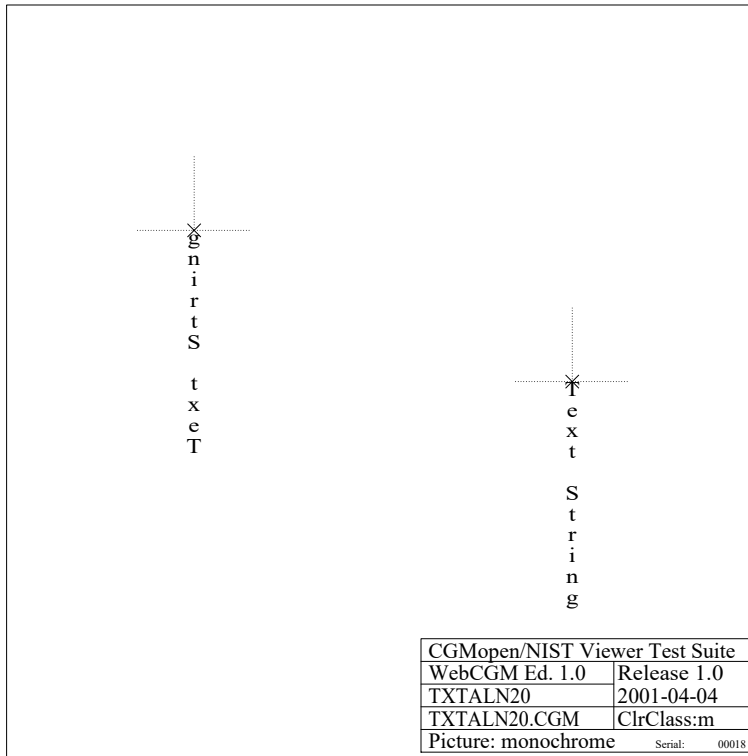


TXTALN19-PNG

Fig 107, Sheet 2 of 2 TXTALN19

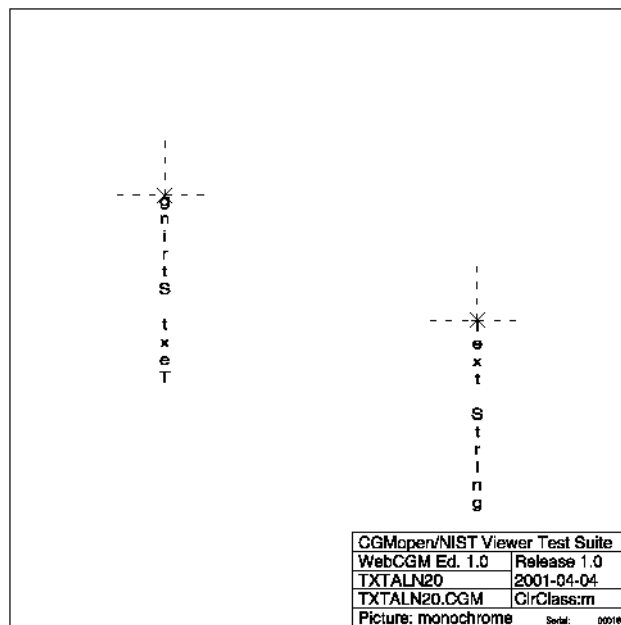
Produced by Docuneering Ltd.

1.14.29 TXTALN20



TXTALN20-CGM

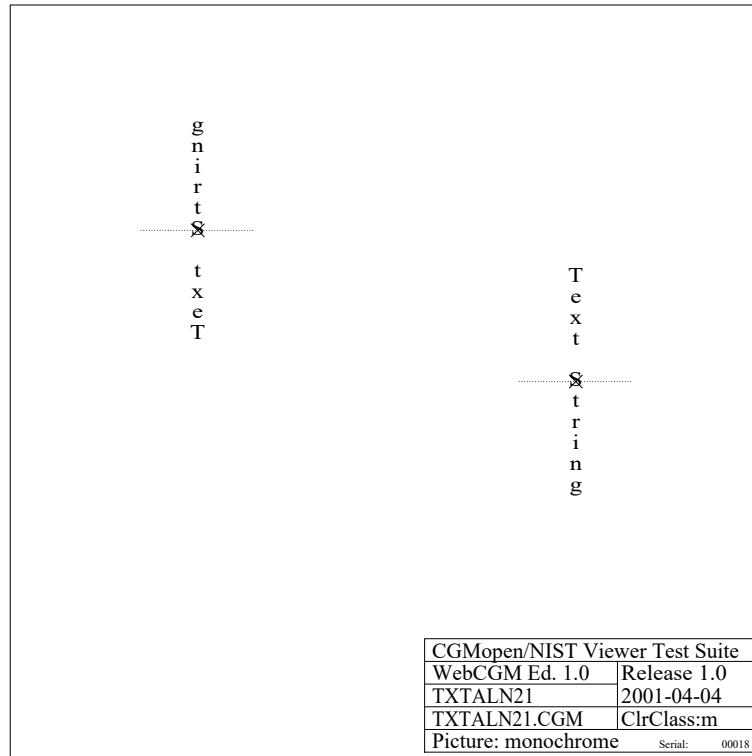
Fig 108, Sheet 1 of 2 TXTALN20



TXTALN20-PNG

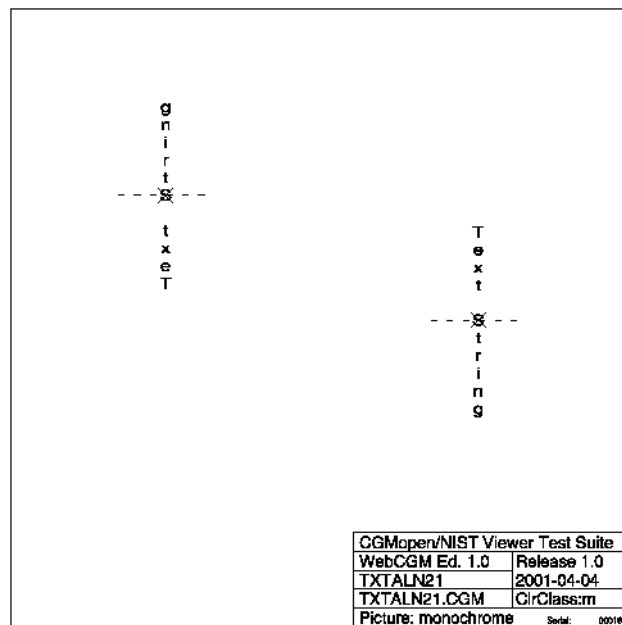
Fig 108, Sheet 2 of 2 TXTALN20

1.14.30 TXTALN21



TXTALN21-CGM

Fig 109, Sheet 1 of 2 TXTALN21

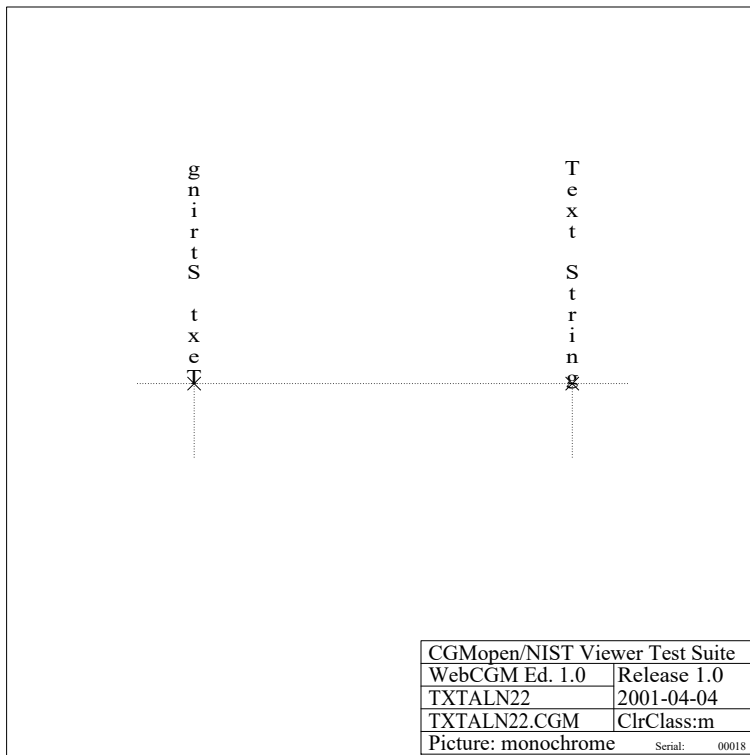


TXTALN21-PNG

Fig 109, Sheet 2 of 2 TXTALN21

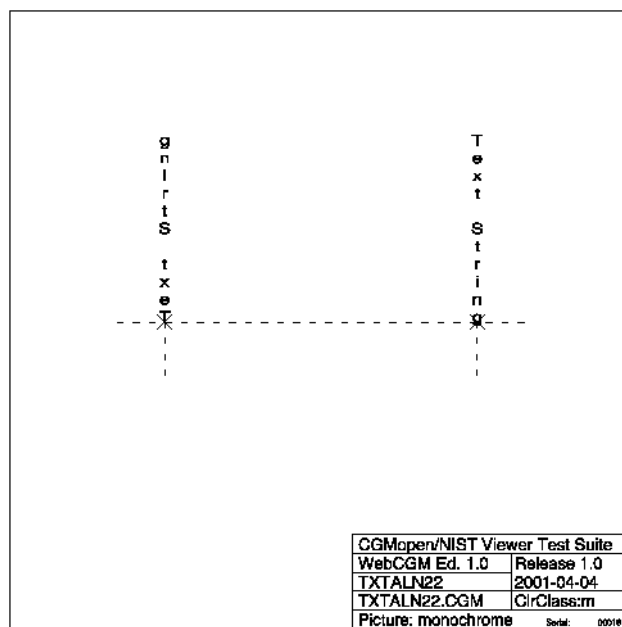
Produced by Docuneering Ltd.

1.14.31 TXTALN22



TXTALN22-CGM

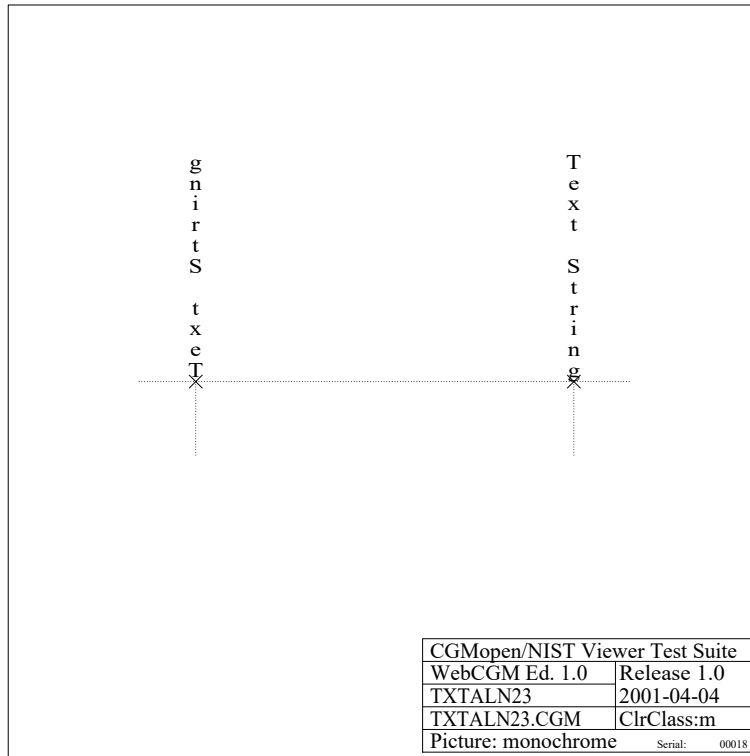
Fig 110, Sheet 1 of 2 TXTALN22



TXTALN22-PNG

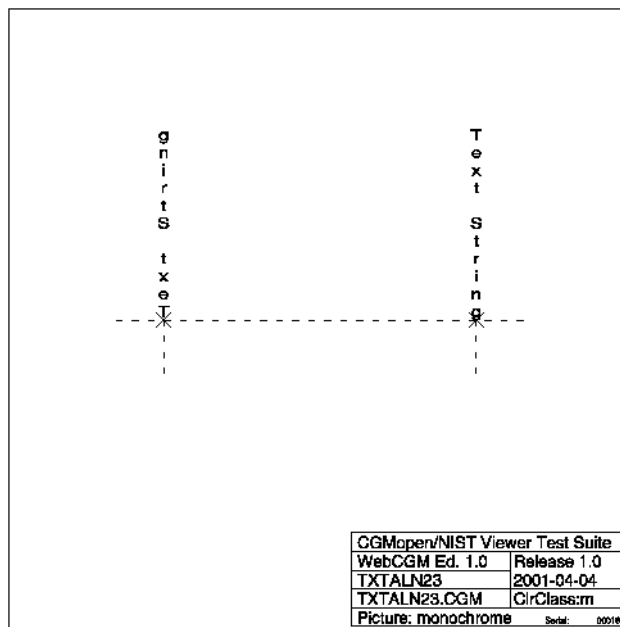
Fig 110, Sheet 2 of 2 TXTALN22

1.14.32 TXTALN23



TXTALN23-CGM

Fig 111, Sheet 1 of 2 TXTALN23

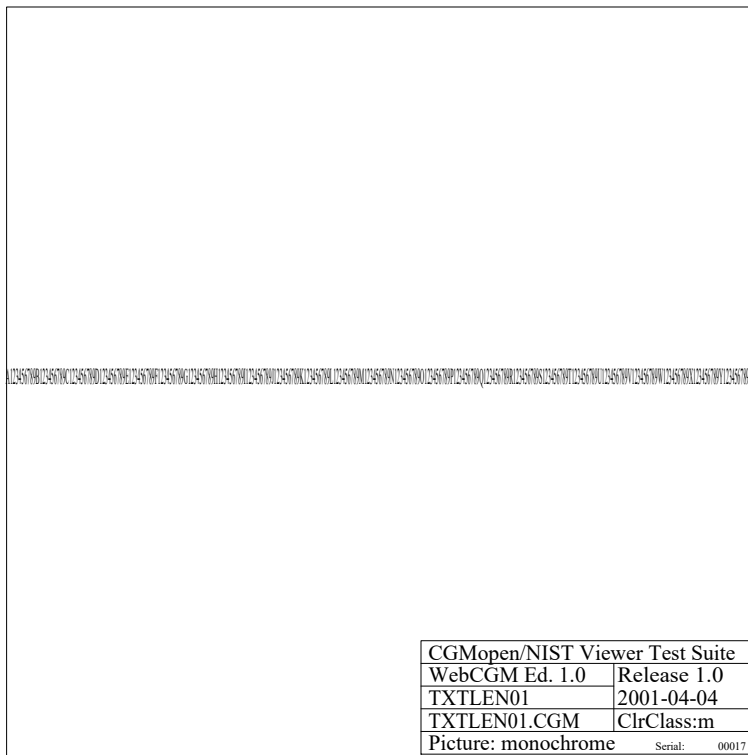


TXTALN23-PNG

Fig 111, Sheet 2 of 2 TXTALN23

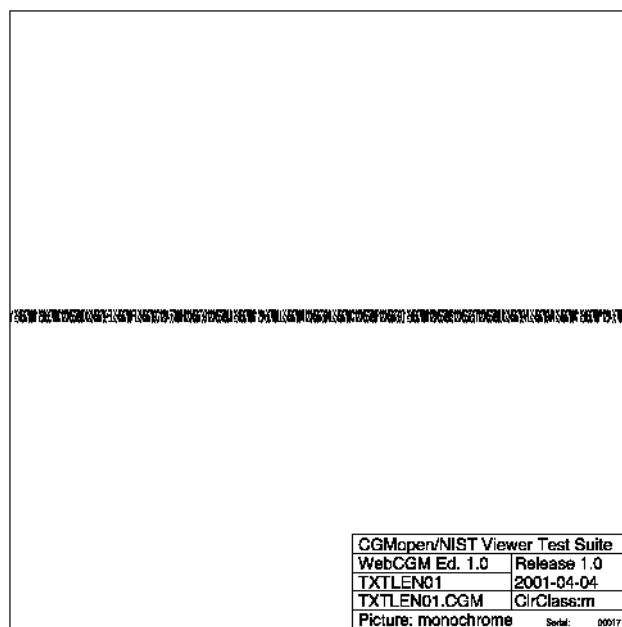
Produced by Docuneering Ltd.

1.14.33 TXTLEN01



TXTLEN01-CGM

Fig 112, Sheet 1 of 2 TXTLEN01



TXTLEN01-PNG

Fig 112, Sheet 2 of 2 TXTLEN01

1.14.34 TXTCOL01



TXTCOL01-CGM

Fig 113, Sheet 1 of 2 TXTCOL01

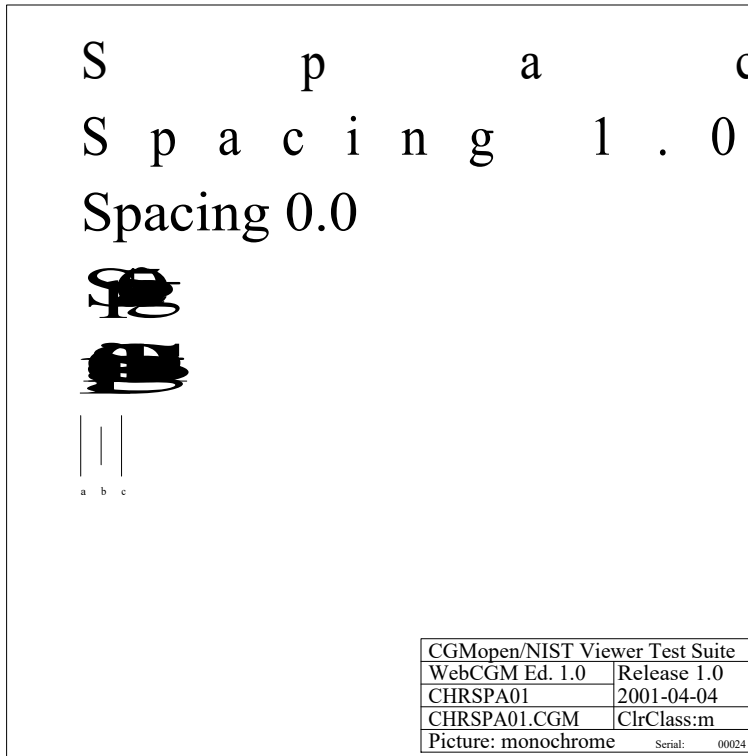


TXTCOL01-PNG

Fig 113, Sheet 2 of 2 TXTCOL01

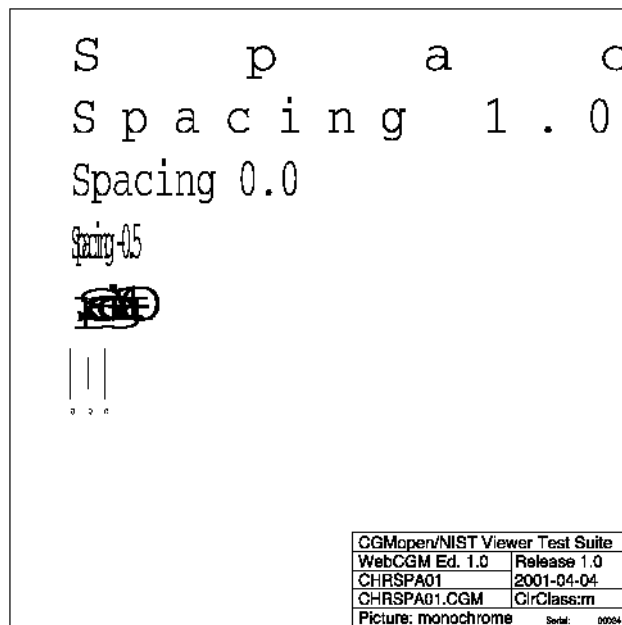
Produced by Docuneering Ltd.

1.14.35 CHRSPA01



CHRSPA01-CGM

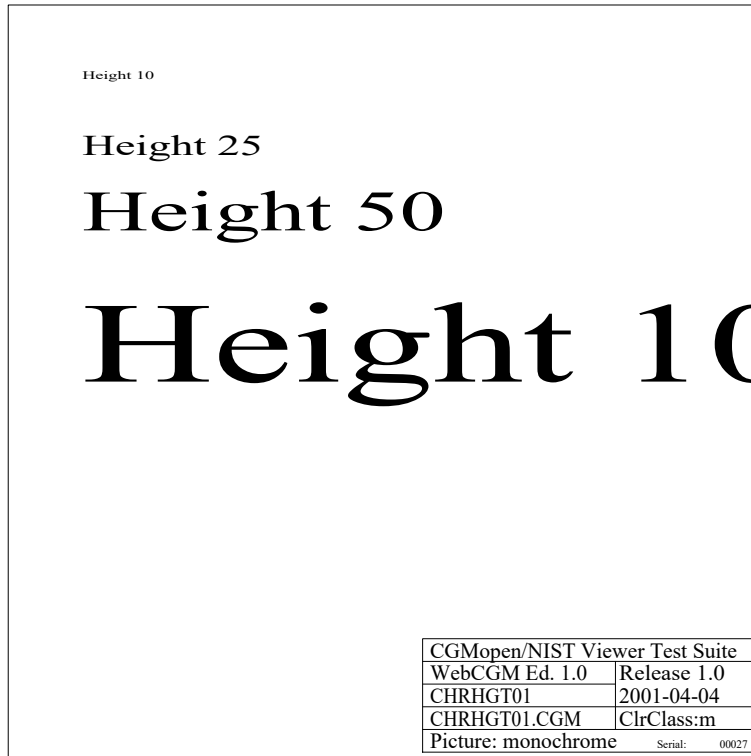
Fig 114, Sheet 1 of 2 CHRSPA01



CHRSPA01-PNG

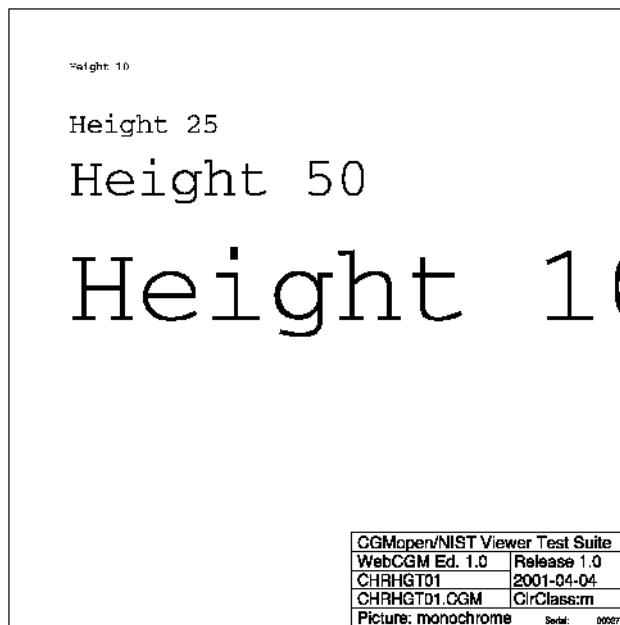
Fig 114, Sheet 2 of 2 CHRSPA01

1.14.36 CHRHGT01



CHRHGT01-CGM

Fig 115, Sheet 1 of 2 CHRHGT01

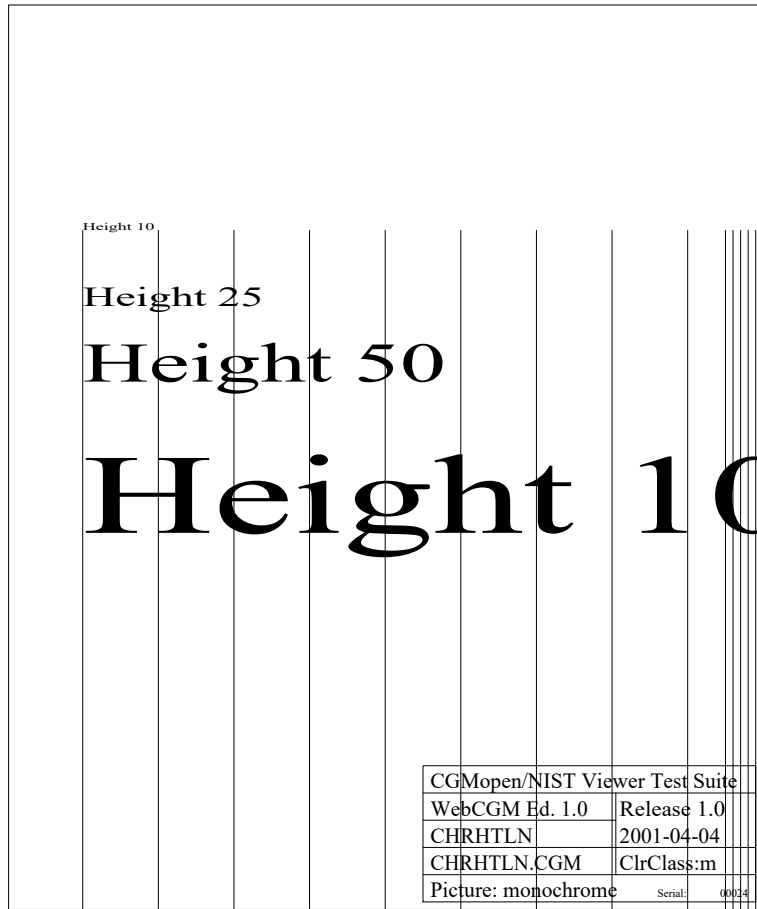


CHRHGT01-PNG

Fig 115, Sheet 2 of 2 CHRHGT01

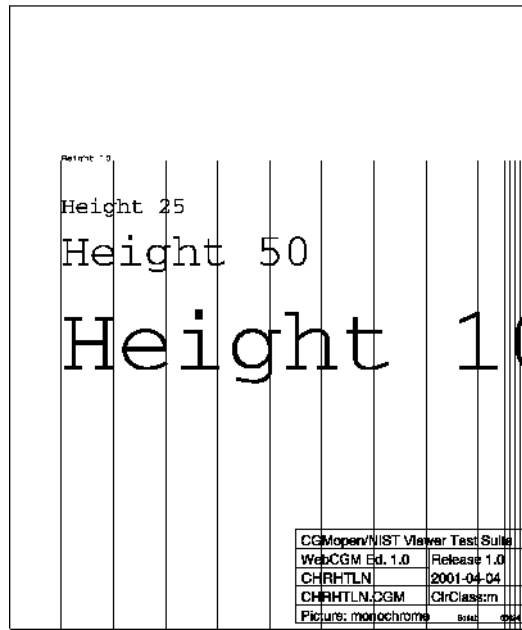
Produced by Docuneering Ltd.

1.14.37 CHRHTLN



CHRHTLN-CGM

Fig 116, Sheet 1 of 2 CHRHTLN

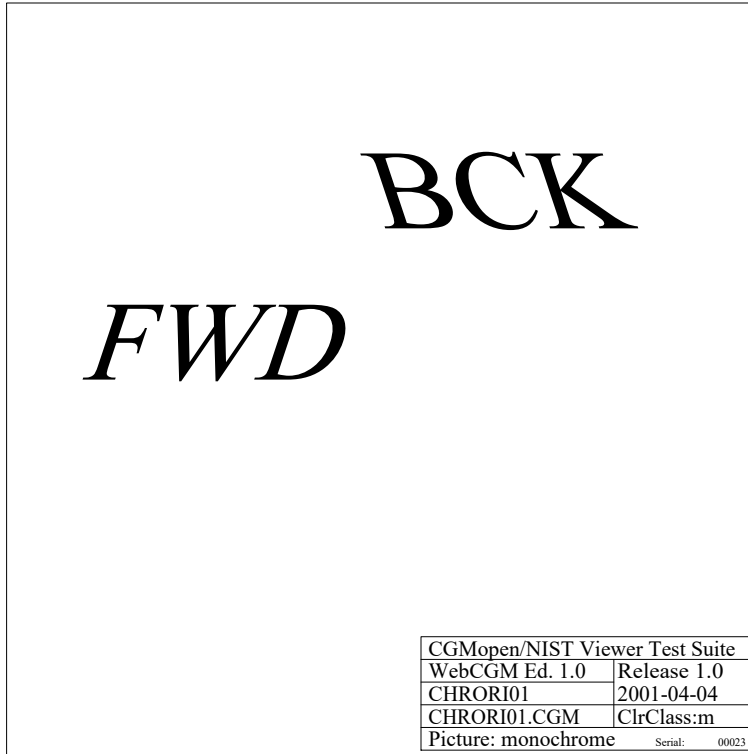


CHRHTLN-PNG

Fig 116, Sheet 2 of 2 CHRHTLN

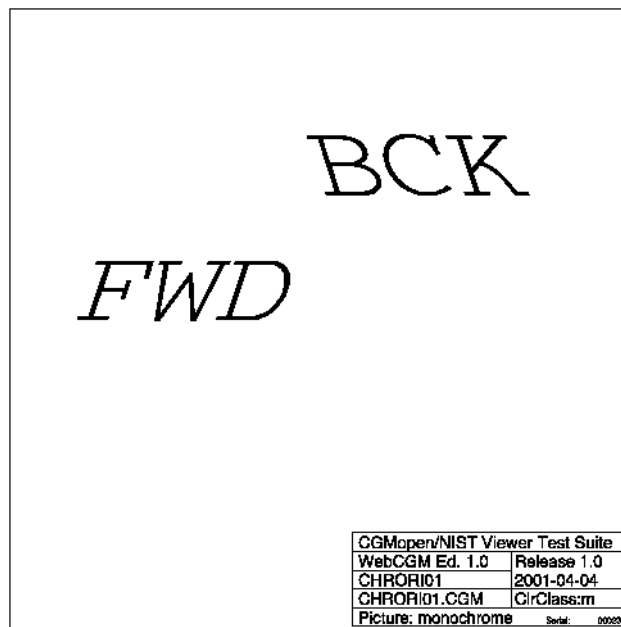
Produced by Docuneering Ltd.

1.14.38 CHRORI01



CHRORI01-CGM

Fig 117, Sheet 1 of 2 CHRORI01

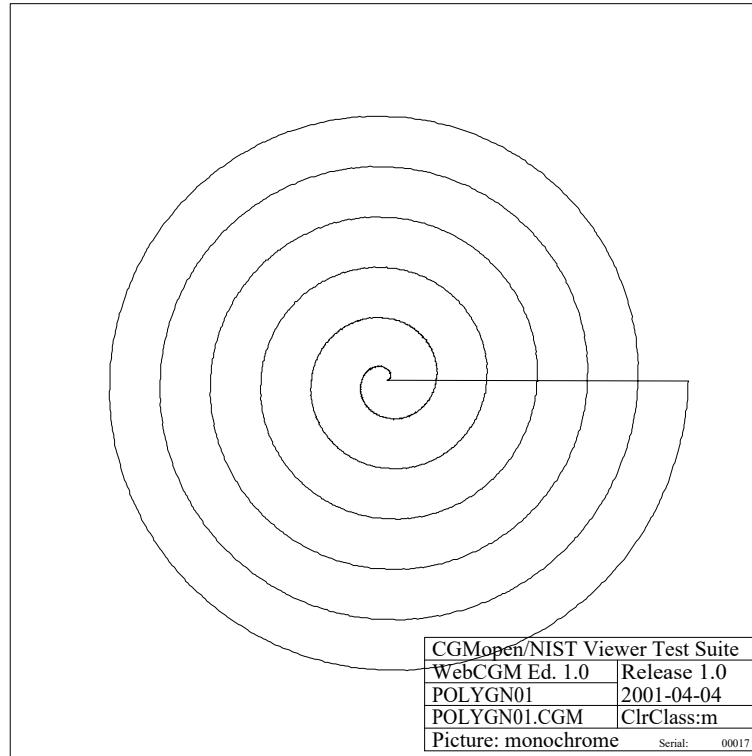


CHRORI01-PNG

Fig 117, Sheet 2 of 2 CHRORI01

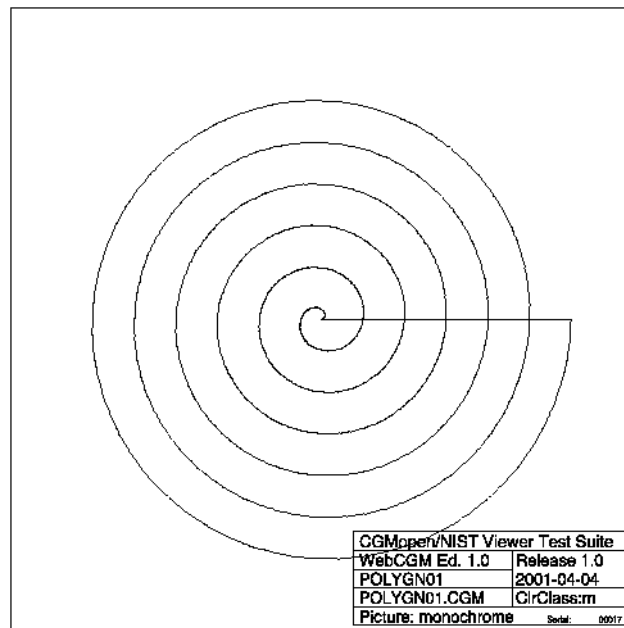
1.15 Fill-Area Elements

1.15.1 POLYGN01



POLYGN01-CGM

Fig 118, Sheet 1 of 2 POLYGN01

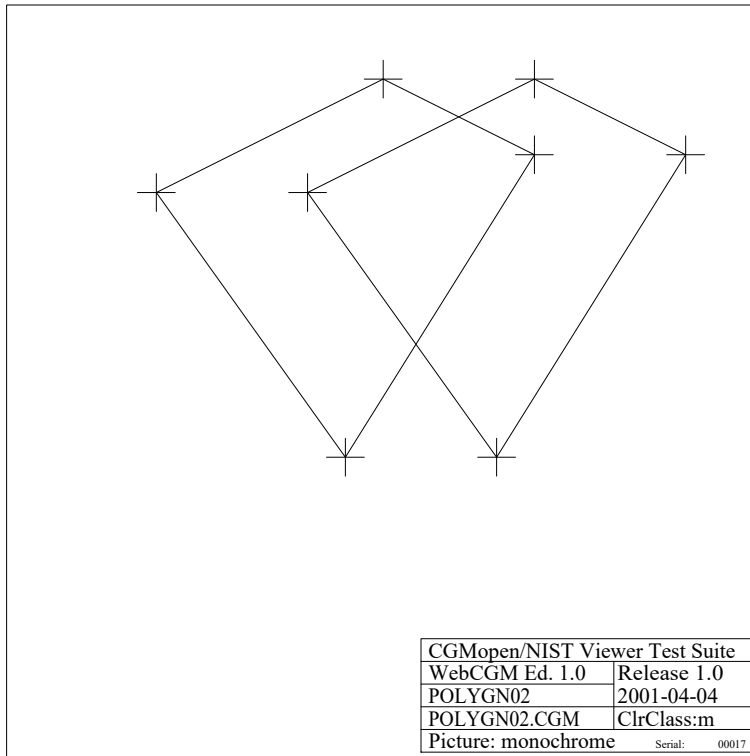


POLYGN01-PNG

Fig 118, Sheet 2 of 2 POLYGN01

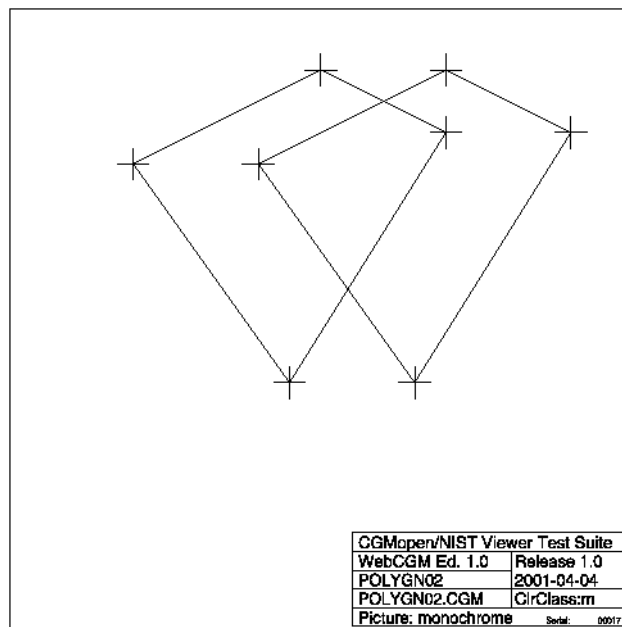
Produced by Docuneering Ltd.

1.15.2 POLYGN02



POLYGN02-CGM

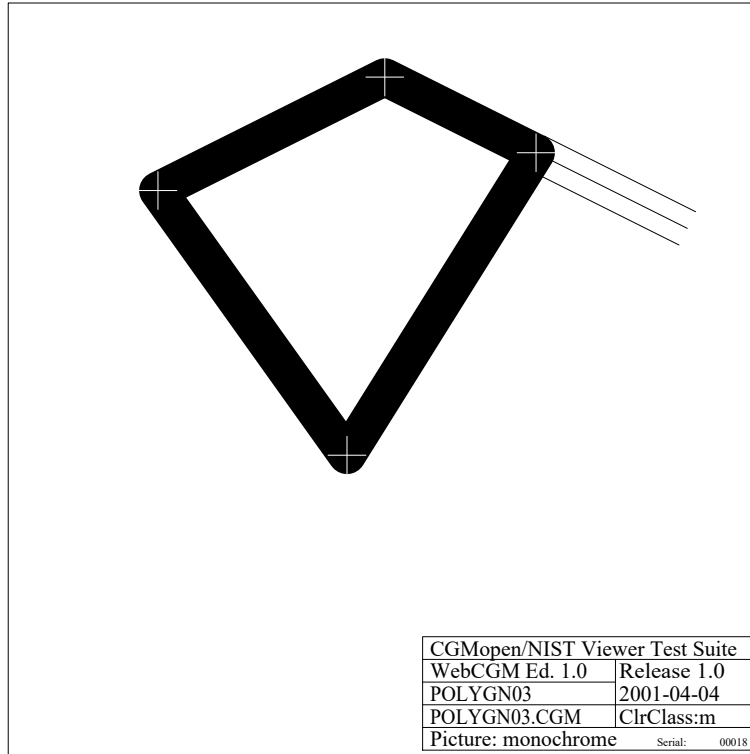
Fig 119, Sheet 1 of 2 POLYGN02



POLYGN02-PNG

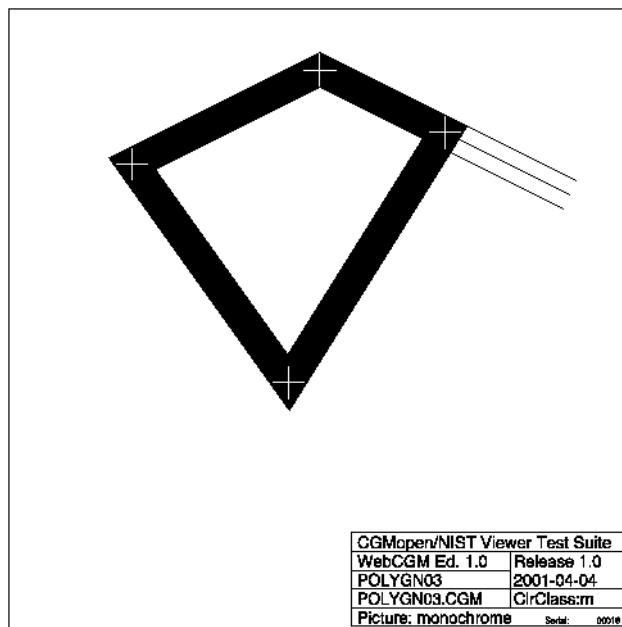
Fig 119, Sheet 2 of 2 POLYGN02

1.15.3 POLYGN03



POLYGN03-CGM

Fig 120, Sheet 1 of 2 POLYGN03

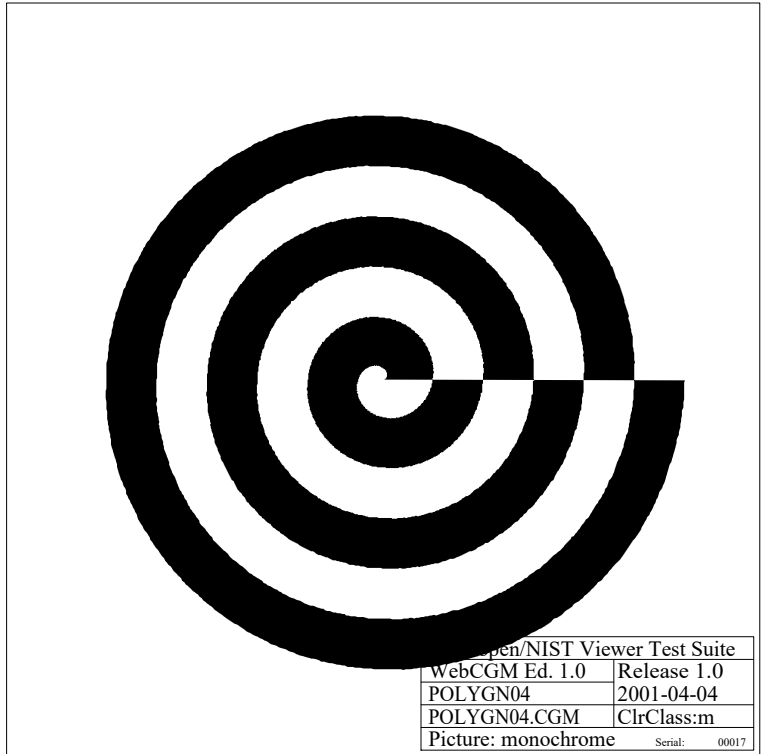


POLYGN03-PNG

Fig 120, Sheet 2 of 2 POLYGN03

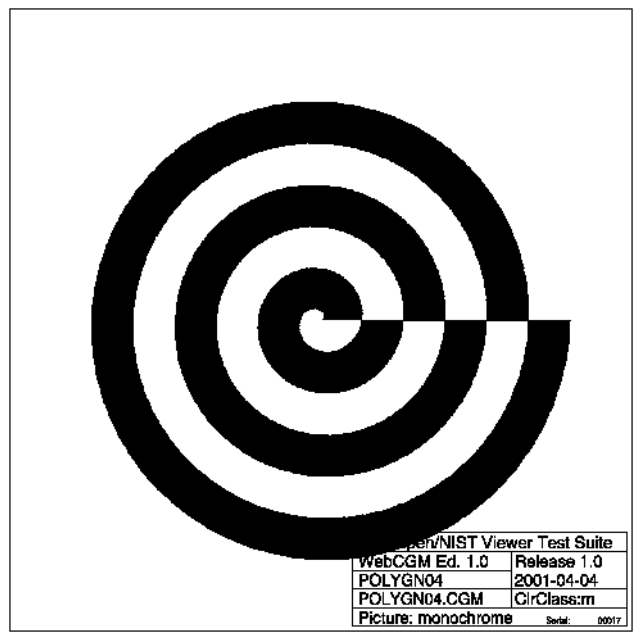
Produced by Docuneering Ltd.

1.15.4 POLYGN04



POLYGN04-CGM

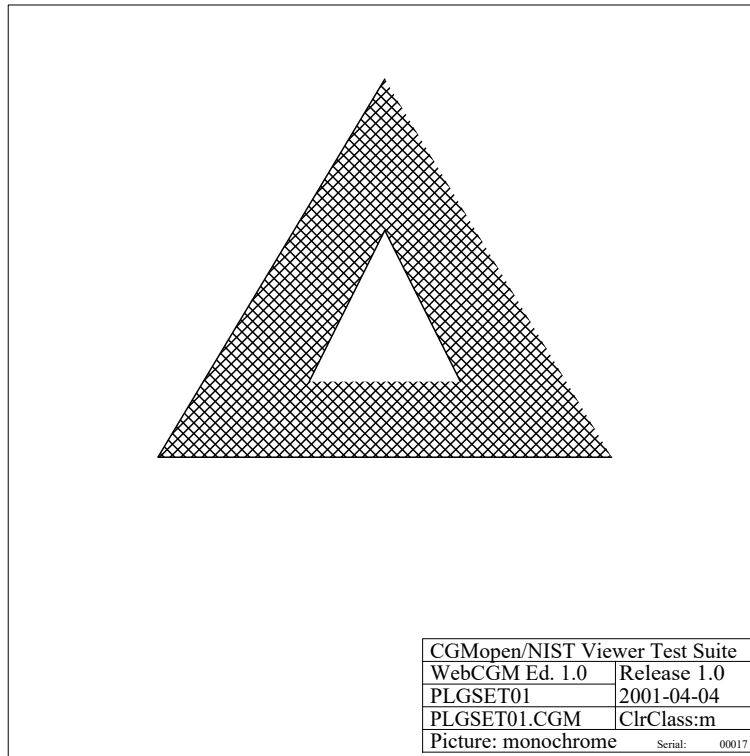
Fig 121, Sheet 1 of 2 POLYGN04



POLYGN04-PNG

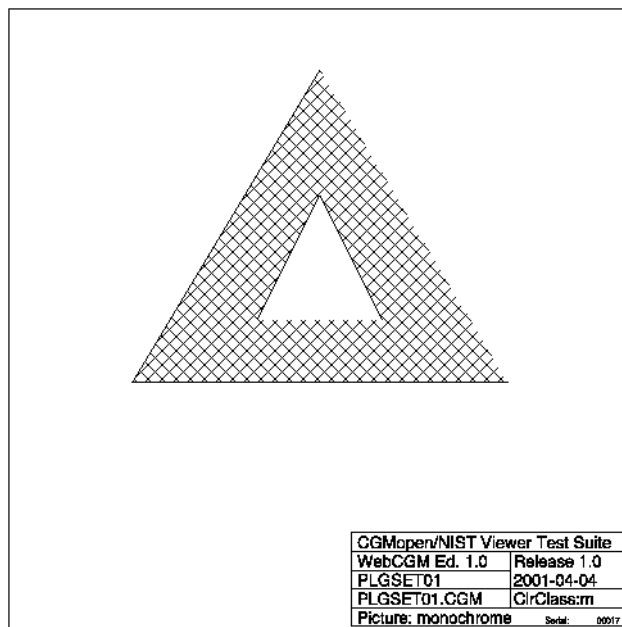
Fig 121, Sheet 2 of 2 POLYGN04

1.15.5 PLGSET01



PLGSET01-CGM

Fig 122, Sheet 1 of 2 PLGSET01

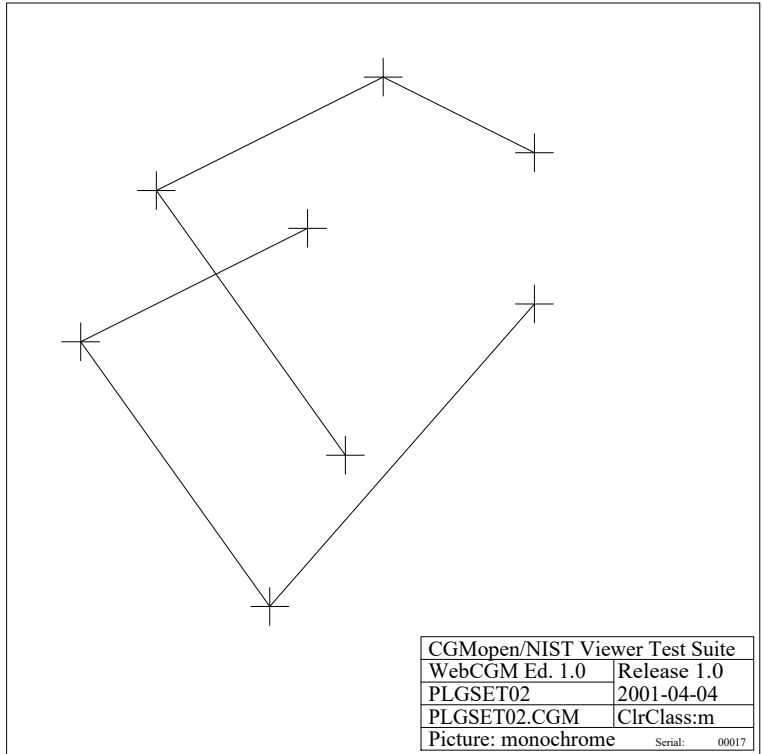


PLGSET01-PNG

Fig 122, Sheet 2 of 2 PLGSET01

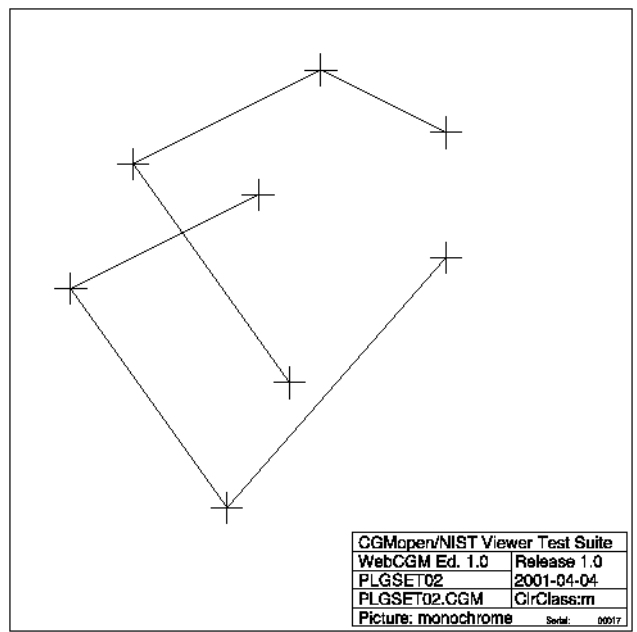
Produced by Docuneering Ltd.

1.15.6 PLGSET02



PLGSET02-CGM

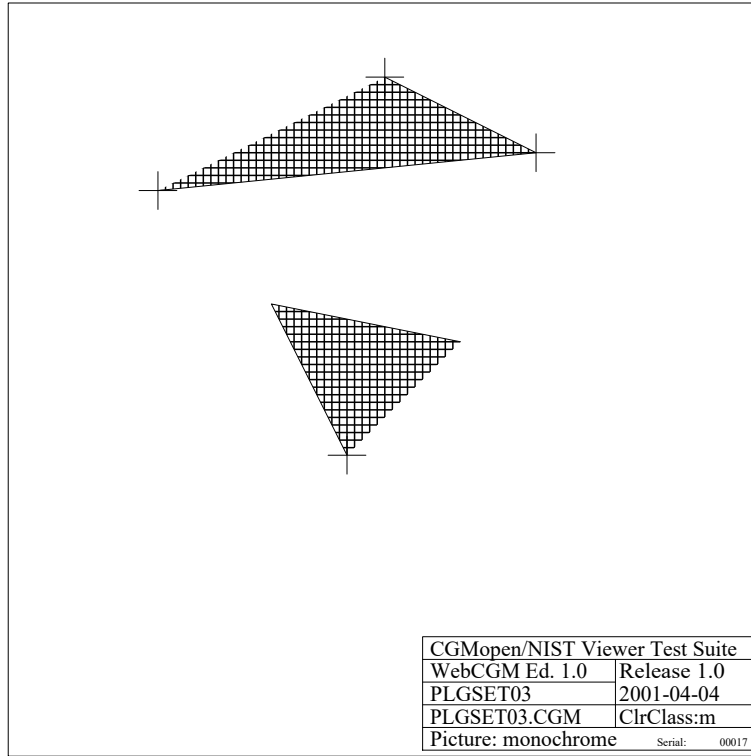
Fig 123, Sheet 1 of 2 PLGSET02



PLGSET02-PNG

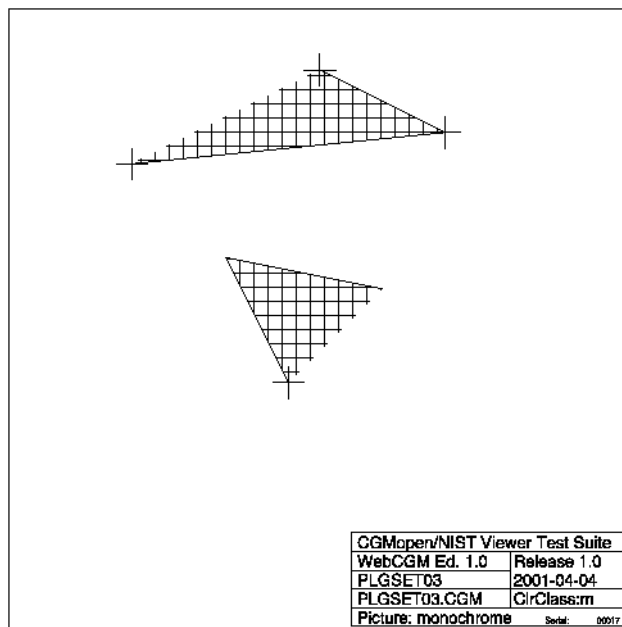
Fig 123, Sheet 2 of 2 PLGSET02

1.15.7 PLGSET03



PLGSET03-CGM

Fig 124, Sheet 1 of 2 PLGSET03

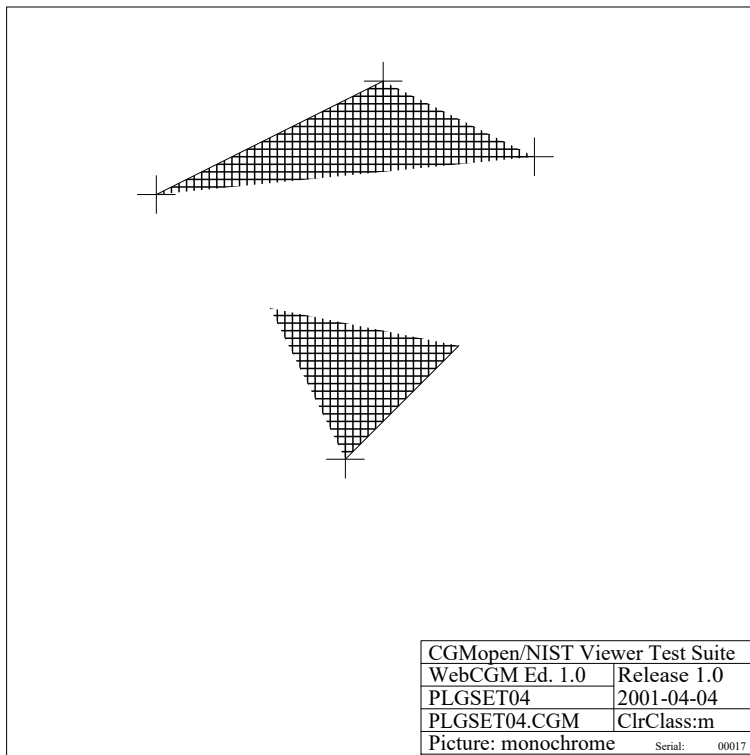


PLGSET03-PNG

Fig 124, Sheet 2 of 2 PLGSET03

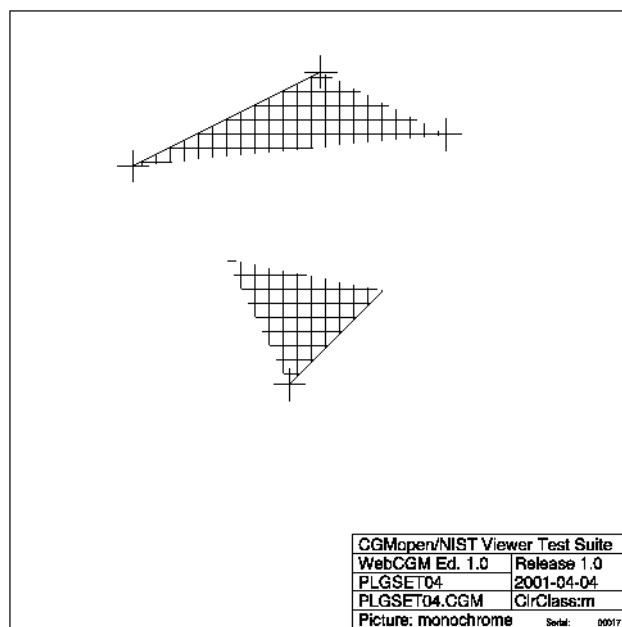
Produced by Docuneering Ltd.

1.15.8 PLGSET04



PLGSET04-CGM

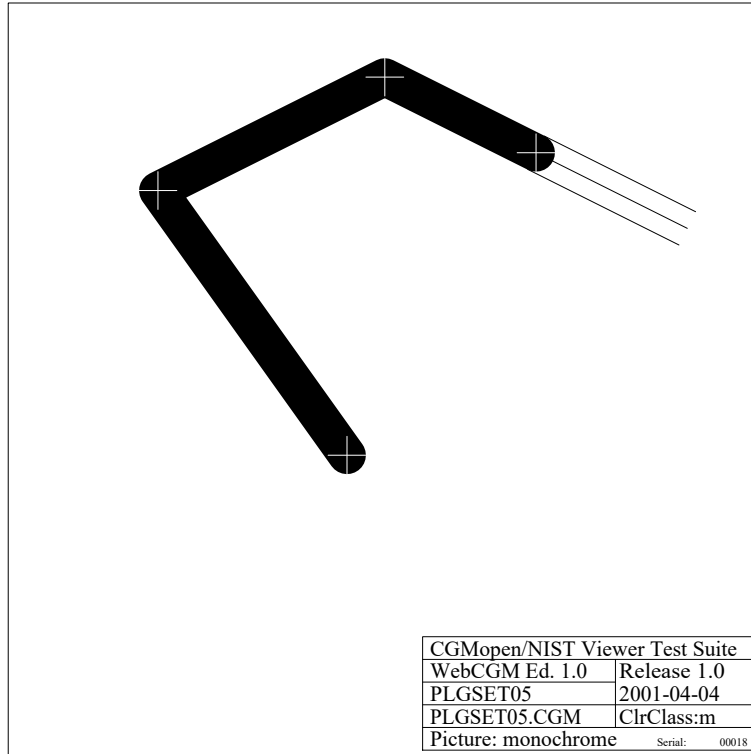
Fig 125, Sheet 1 of 2 PLGSET04



PLGSET04-PNG

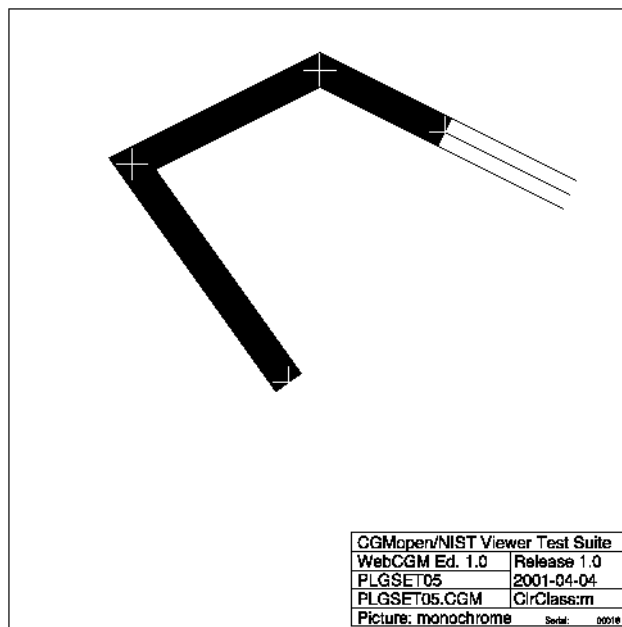
Fig 125, Sheet 2 of 2 PLGSET04

1.15.9 PLGSET05



PLGSET05-CGM

Fig 126, Sheet 1 of 2 PLGSET05

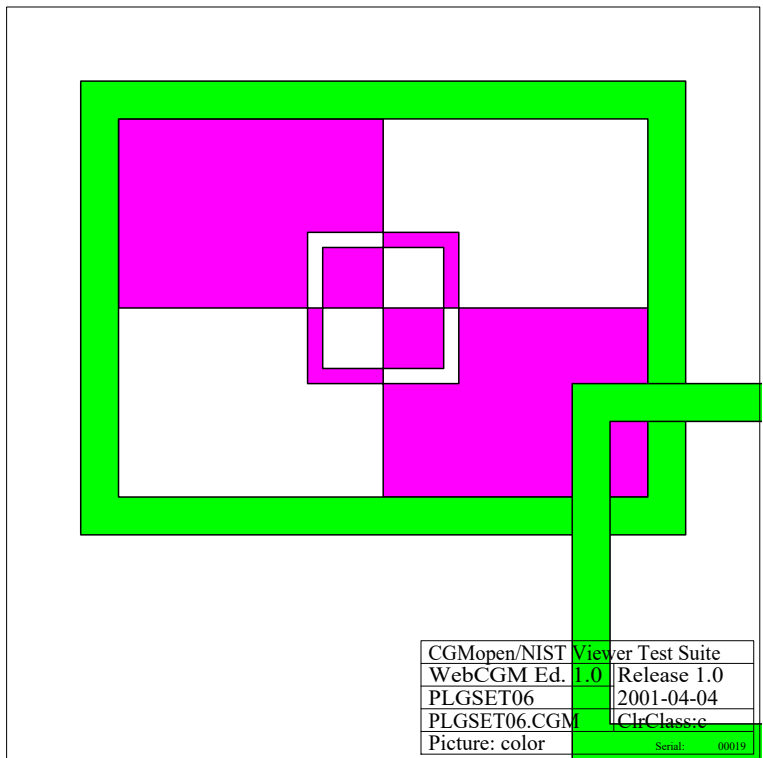


PLGSET05-PNG

Fig 126, Sheet 2 of 2 PLGSET05

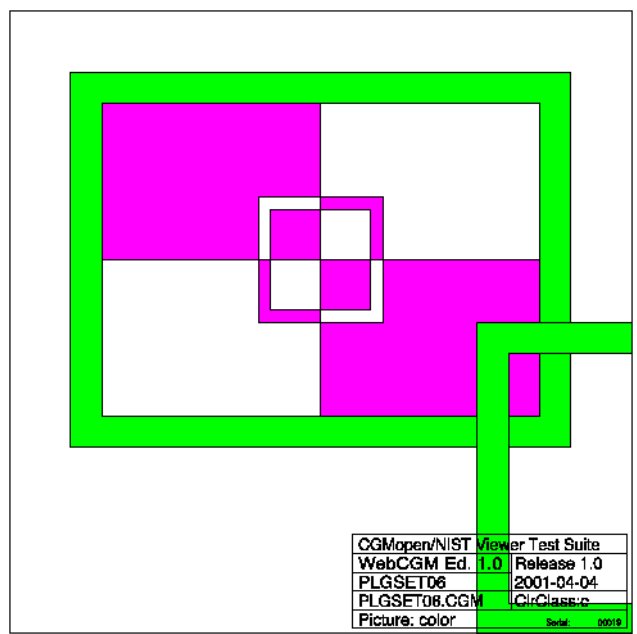
Produced by Docuneering Ltd.

1.15.10 PLGSET06



PLGSET06-CGM

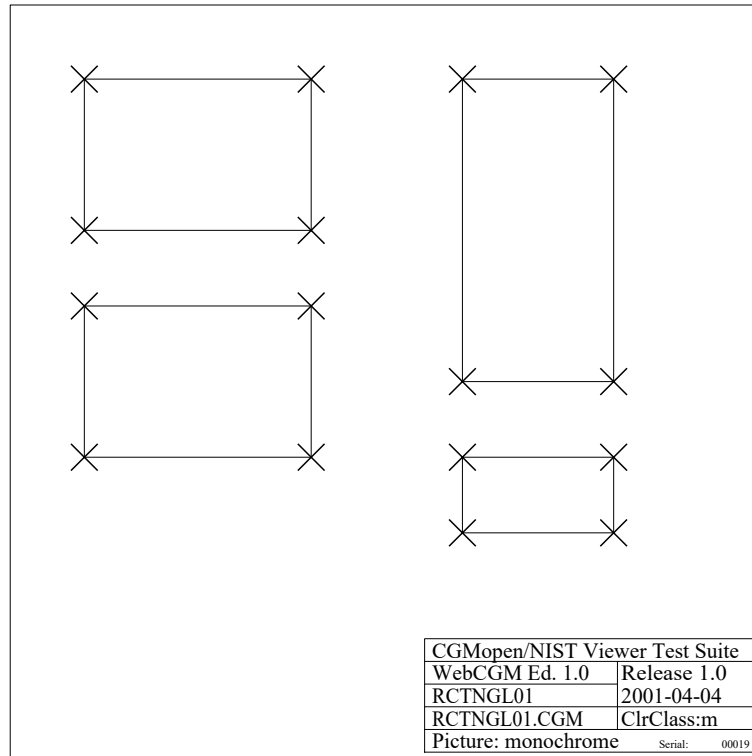
Fig 127, Sheet 1 of 2 PLGSET06



PLGSET06-PNG

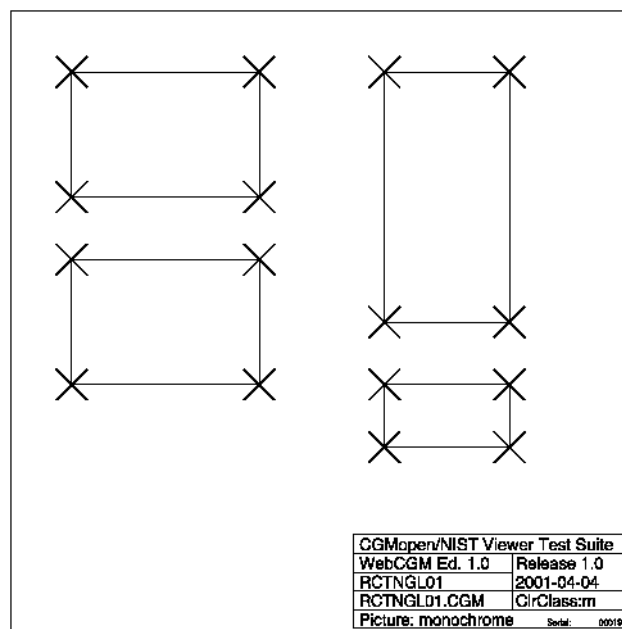
Fig 127, Sheet 2 of 2 PLGSET06

1.15.11 RCTNGL01



RCTNGL01-CGM

Fig 128, Sheet 1 of 2 RCTNGL01

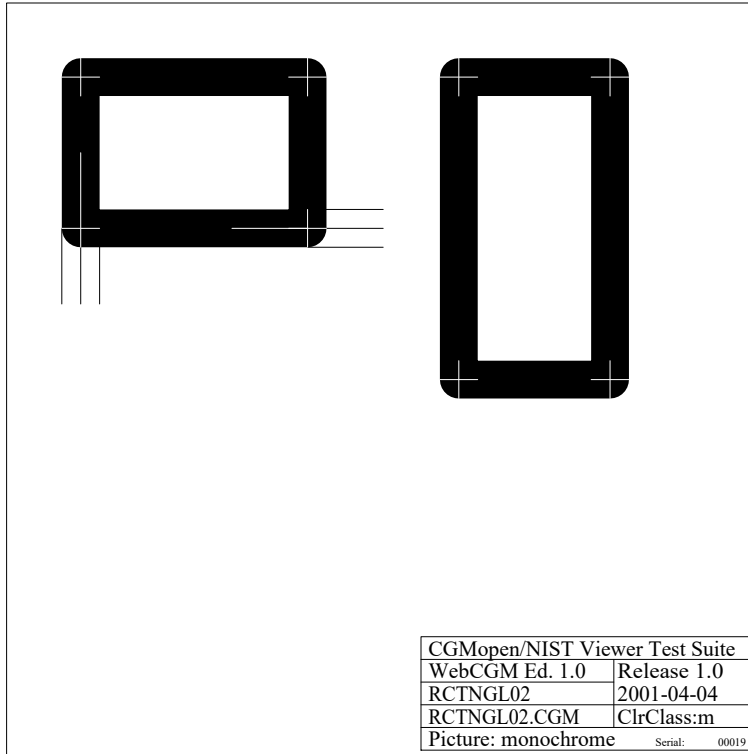


RCTNGL01-PNG

Fig 128, Sheet 2 of 2 RCTNGL01

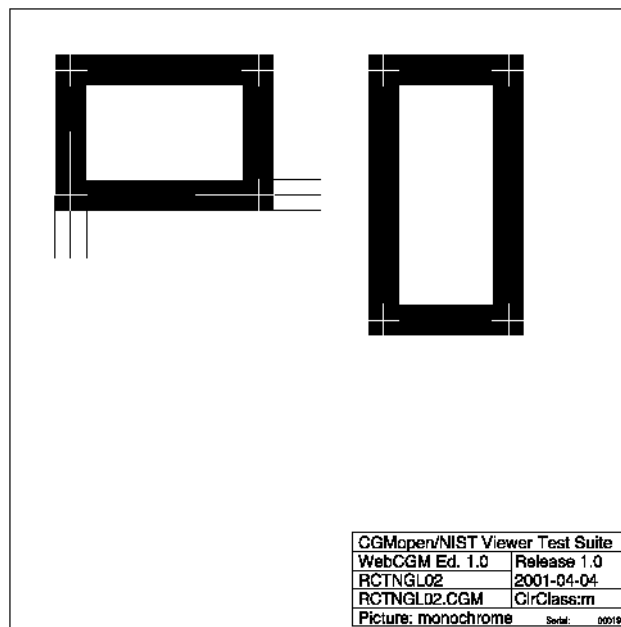
Produced by Docuengineering Ltd.

1.15.12 RCTNGL02



RCTNGL02-CGM

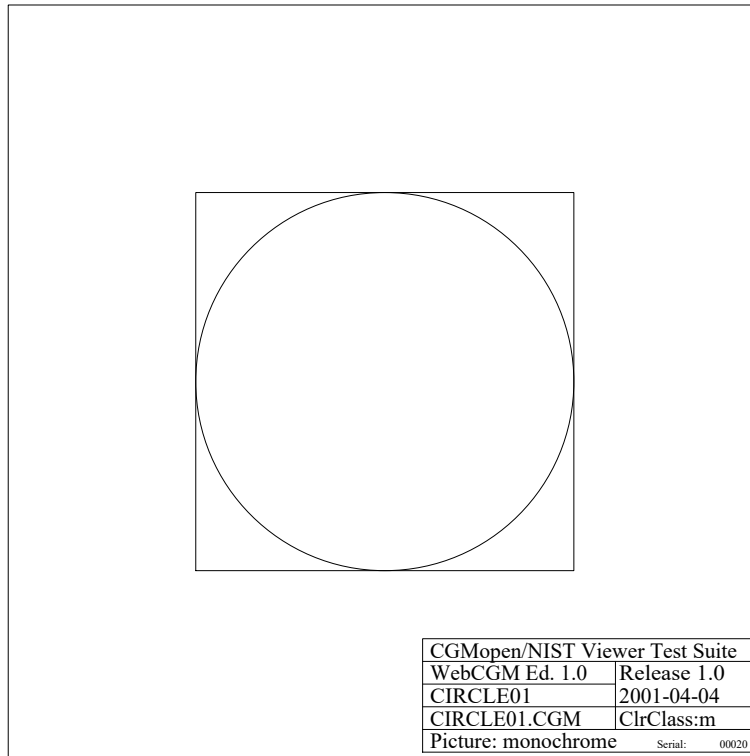
Fig 129, Sheet 1 of 2 RCTNGL02



RCTNGL02-PNG

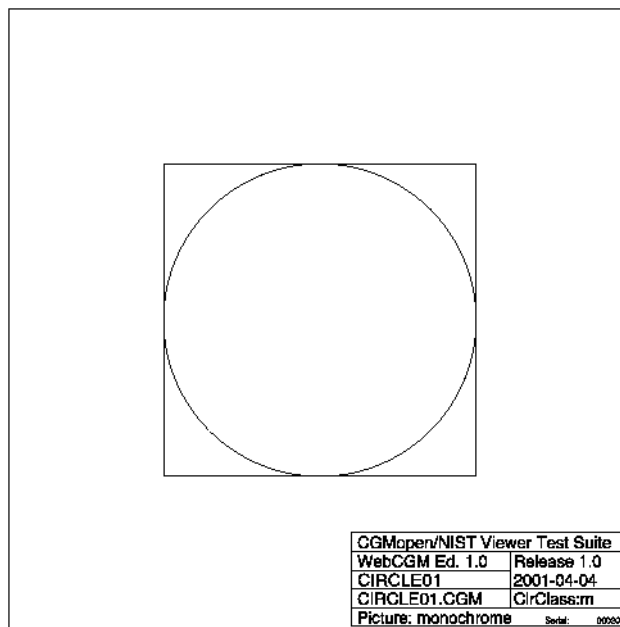
Fig 129, Sheet 2 of 2 RCTNGL02

1.15.13 CIRCLE01



CIRCLE01-CGM

Fig 130, Sheet 1 of 2 CIRCLE01

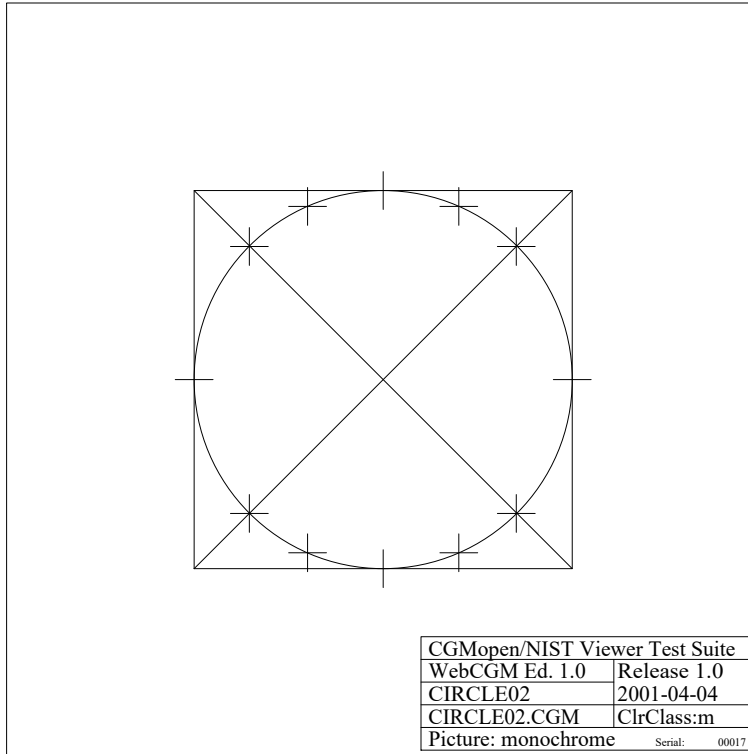


CIRCLE01-PNG

Fig 130, Sheet 2 of 2 CIRCLE01

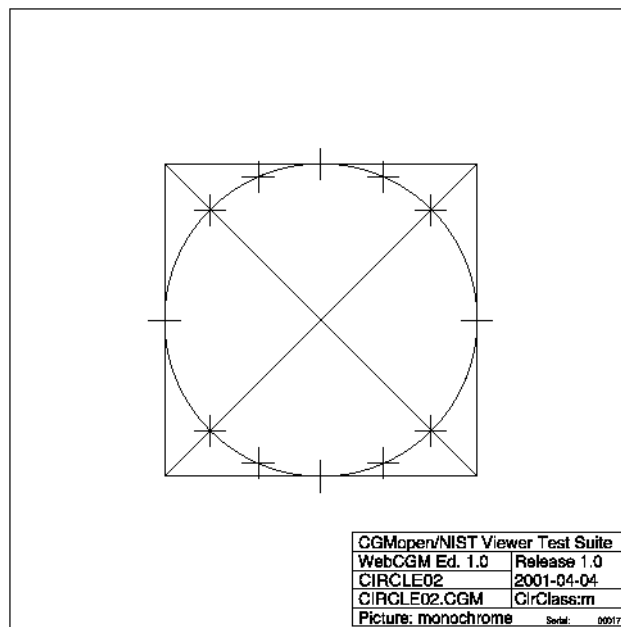
Produced by Docuneering Ltd.

1.15.14 CIRCLE02



CIRCLE02-CGM

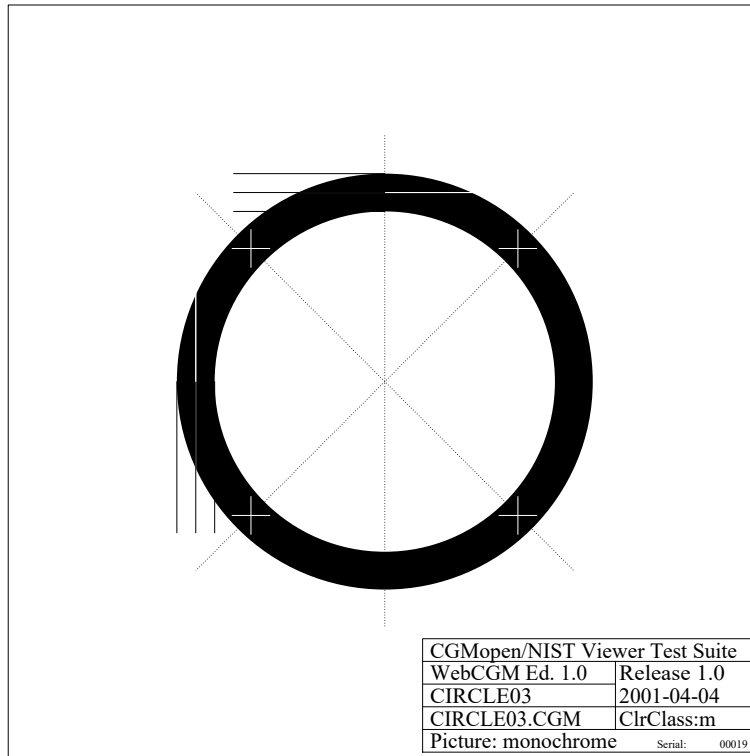
Fig 131, Sheet 1 of 2 CIRCLE02



CIRCLE02-PNG

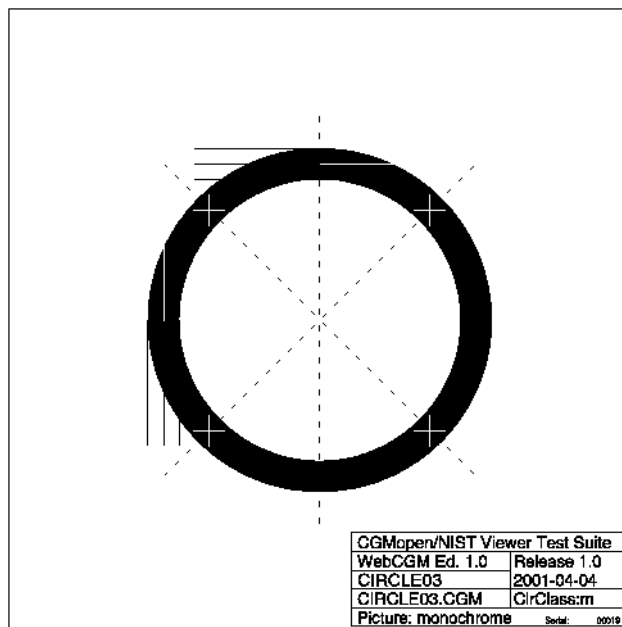
Fig 131, Sheet 2 of 2 CIRCLE02

1.15.15 CIRCLE03



CIRCLE03-CGM

Fig 132, Sheet 1 of 2 CIRCLE03

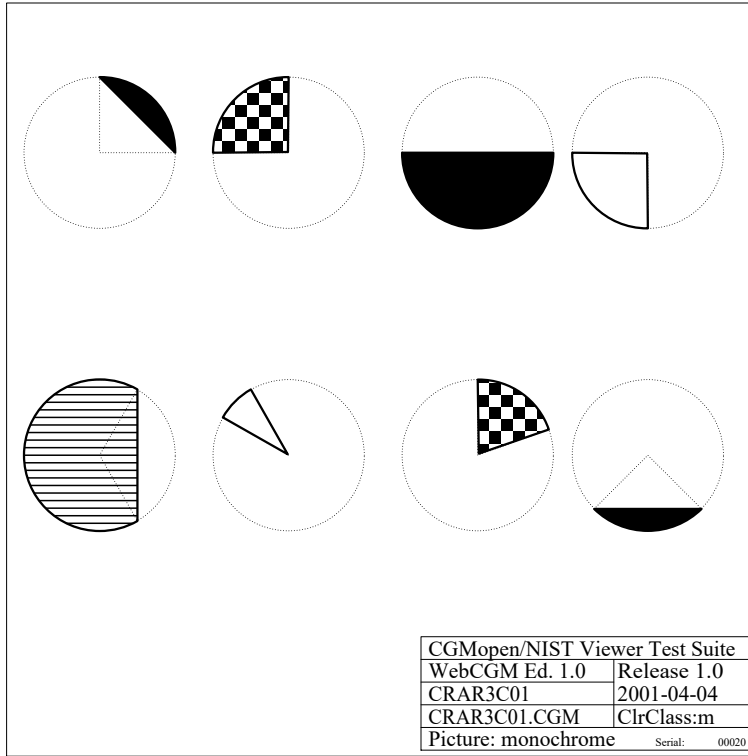


CIRCLE03-PNG

Fig 132, Sheet 2 of 2 CIRCLE03

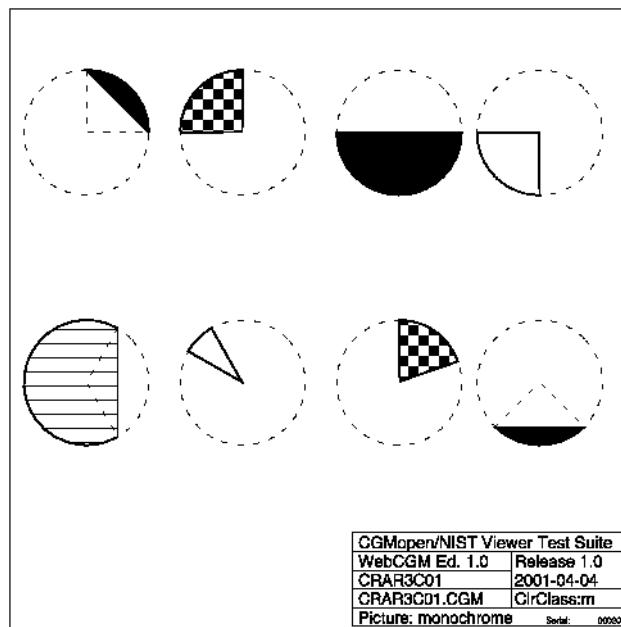
Produced by Docuneering Ltd.

1.15.16 CRAR3C01



CRAR3C01-CGM

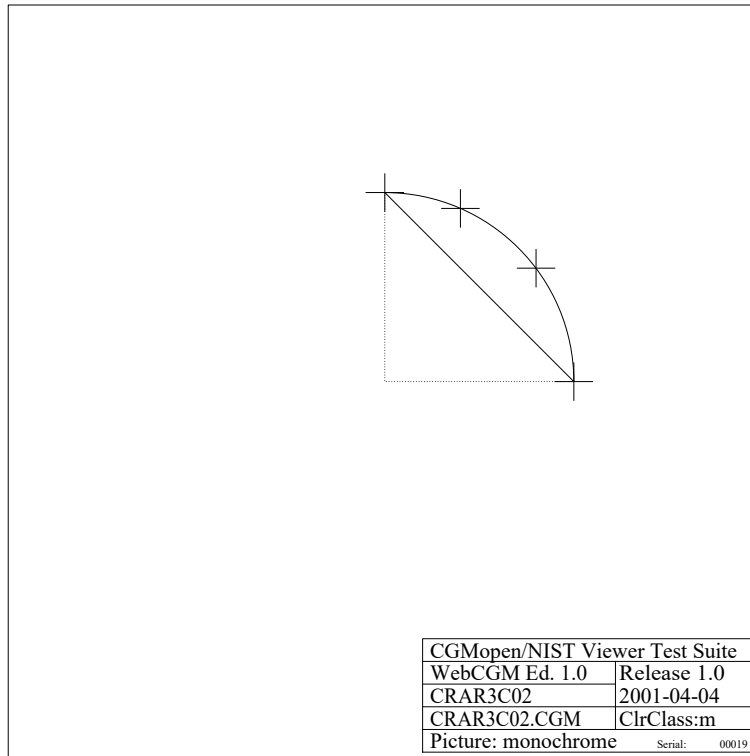
Fig 133, Sheet 1 of 2 CRAR3C01



CRAR3C01-PNG

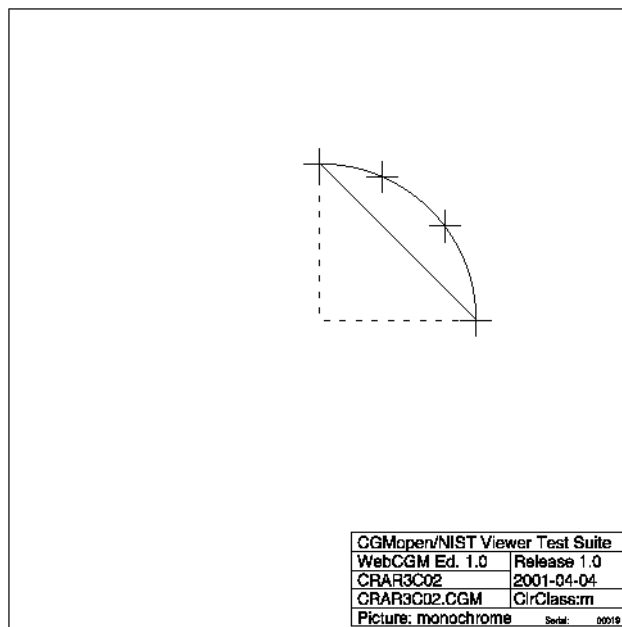
Fig 133, Sheet 2 of 2 CRAR3C01

1.15.17 CRAR3C02



CRAR3C02-CGM

Fig 134, Sheet 1 of 2 CRAR3C02

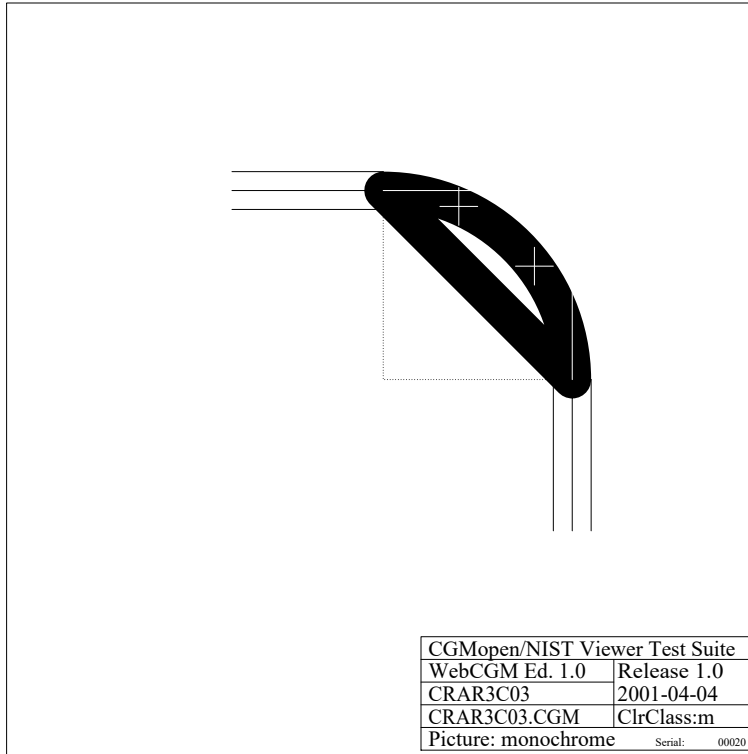


CRAR3C02-PNG

Fig 134, Sheet 2 of 2 CRAR3C02

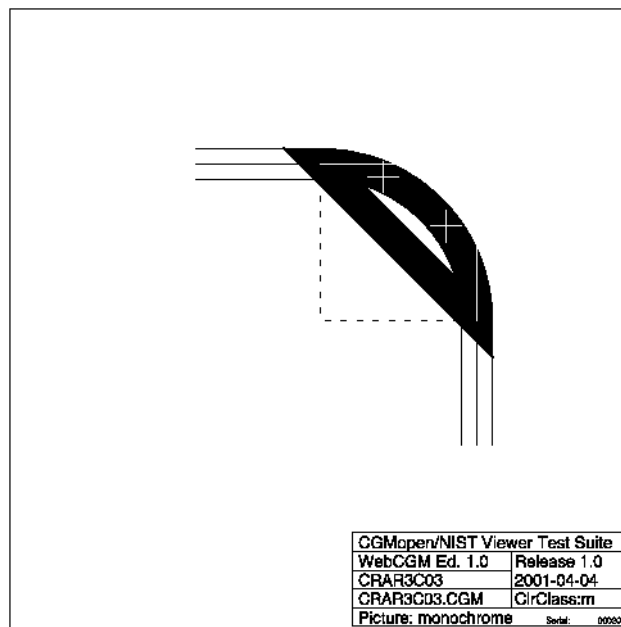
Produced by Docuengineering Ltd.

1.15.18 CRAR3C03



CRAR3C03-CGM

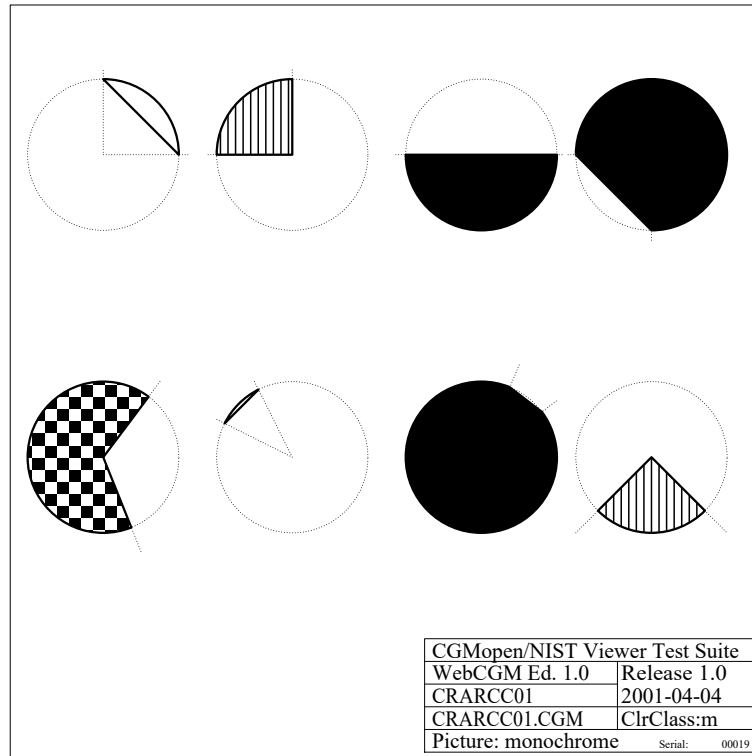
Fig 135, Sheet 1 of 2 CRAR3C03



CRAR3C03-PNG

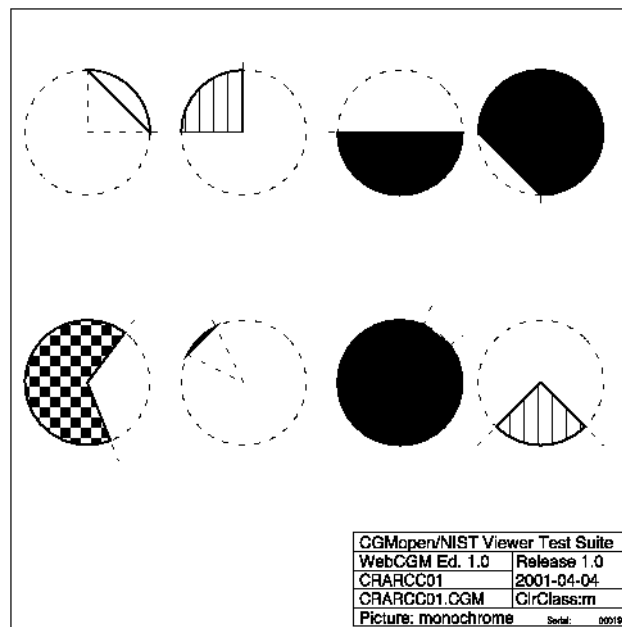
Fig 135, Sheet 2 of 2 CRAR3C03

1.15.19 CRARCC01



CRARCC01-CGM

Fig 136, Sheet 1 of 2 CRARCC01

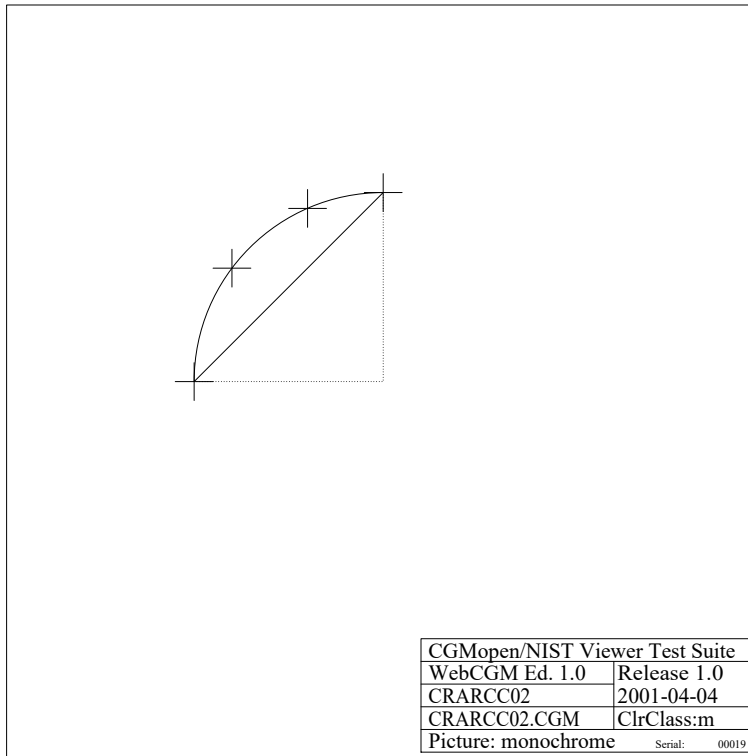


CRARCC01-PNG

Fig 136, Sheet 2 of 2 CRARCC01

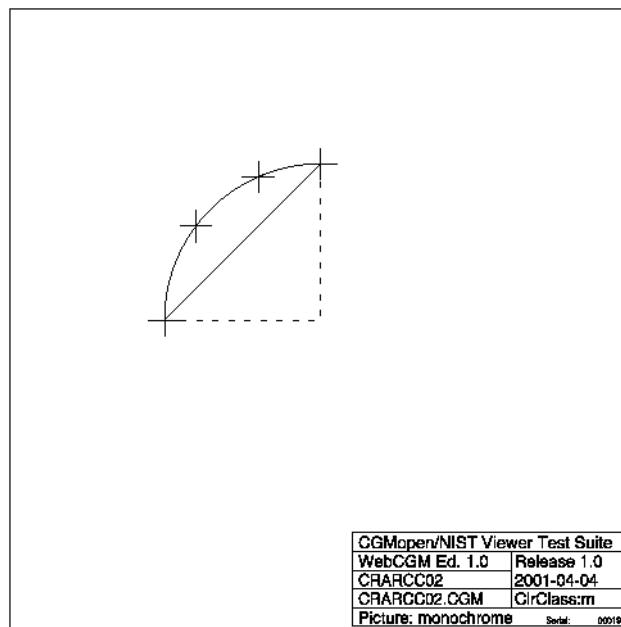
Produced by Docuneering Ltd.

1.15.20 CRARCC02



CRARCC02-CGM

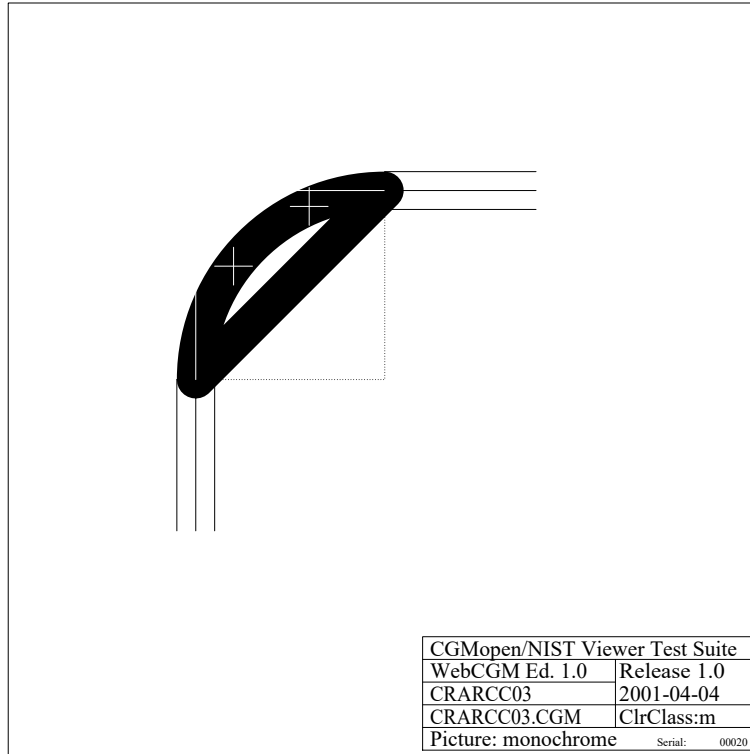
Fig 137, Sheet 1 of 2 CRARCC02



CRARCC02-PNG

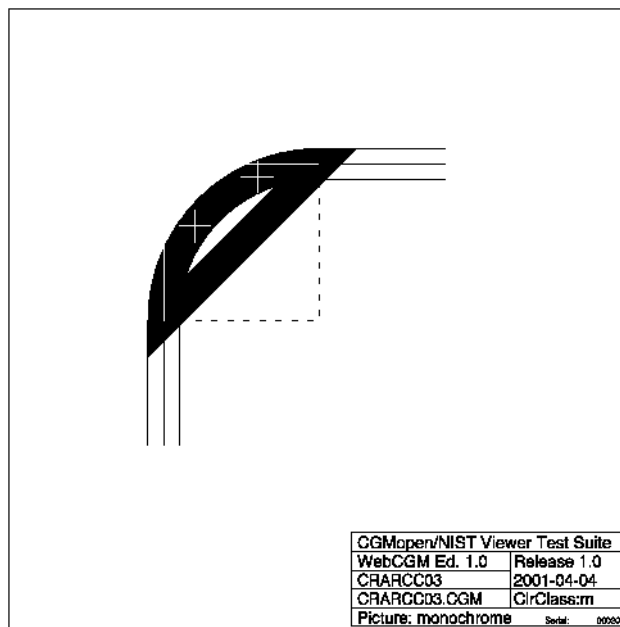
Fig 137, Sheet 2 of 2 CRARCC02

1.15.21 CRARCC03



CRARCC03-CGM

Fig 138, Sheet 1 of 2 CRARCC03

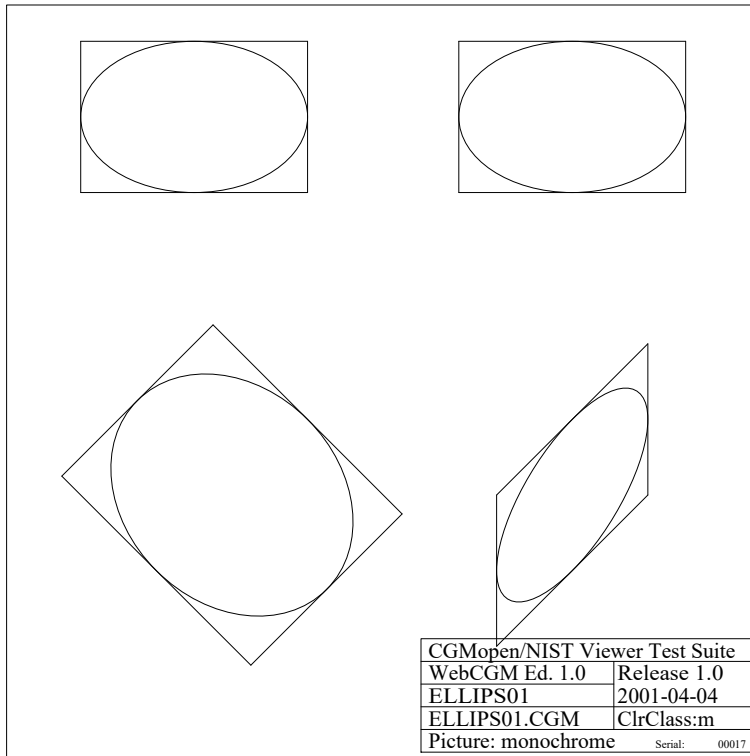


CRARCC03-PNG

Fig 138, Sheet 2 of 2 CRARCC03

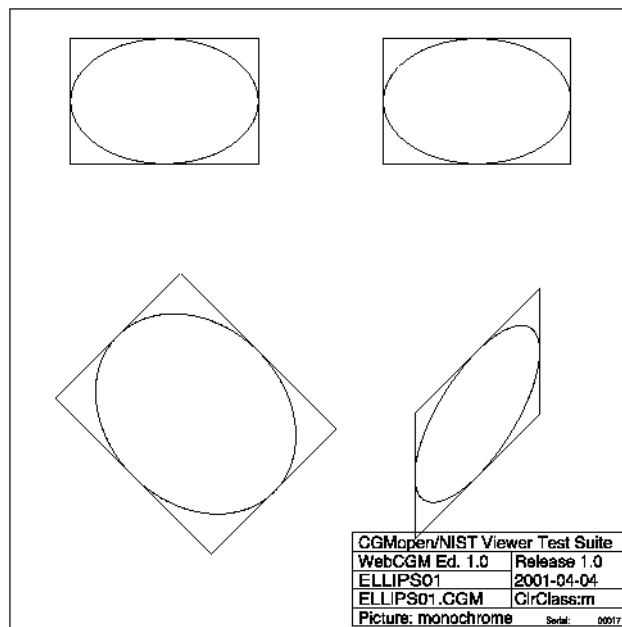
Produced by Docuneering Ltd.

1.15.22 ELLIPS01



ELLIPS01-CGM

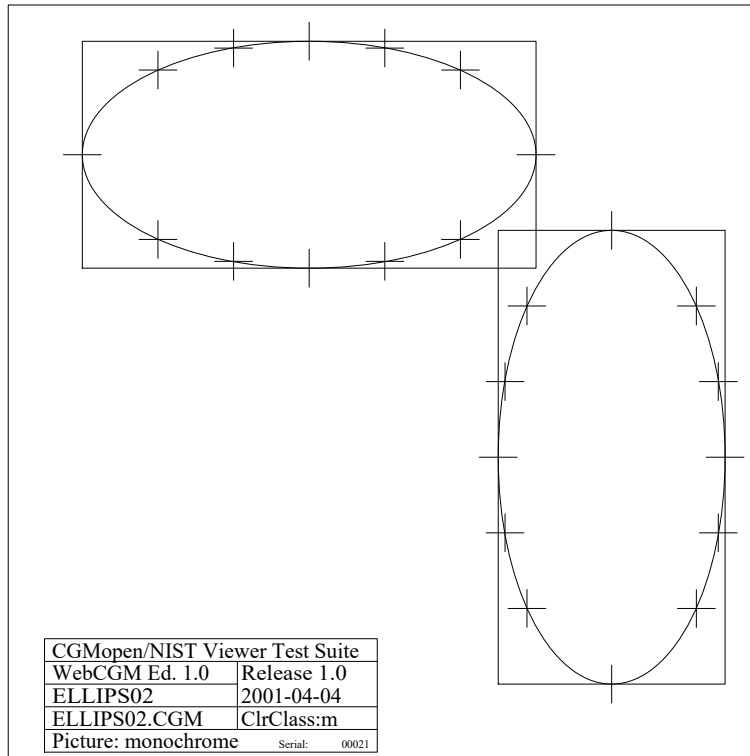
Fig 139, Sheet 1 of 2 ELLIPS01



ELLIPS01-PNG

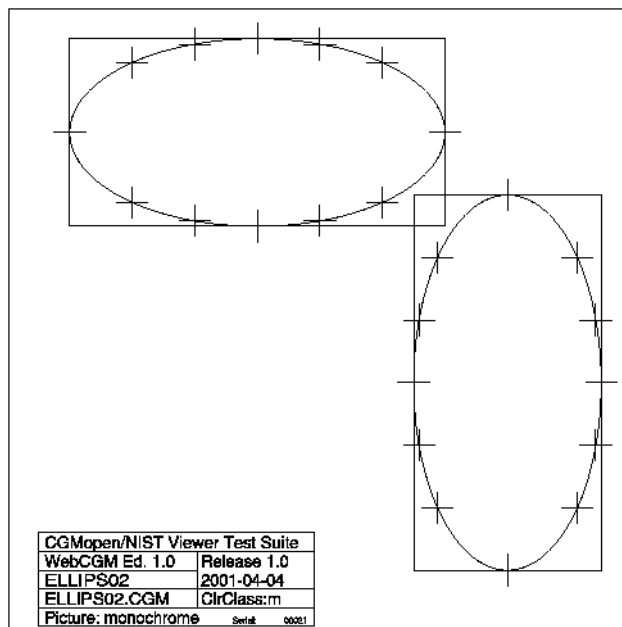
Fig 139, Sheet 2 of 2 ELLIPS01

1.15.23 ELLIPS02



ELLIPS02-CGM

Fig 140, Sheet 1 of 2 ELLIPS02

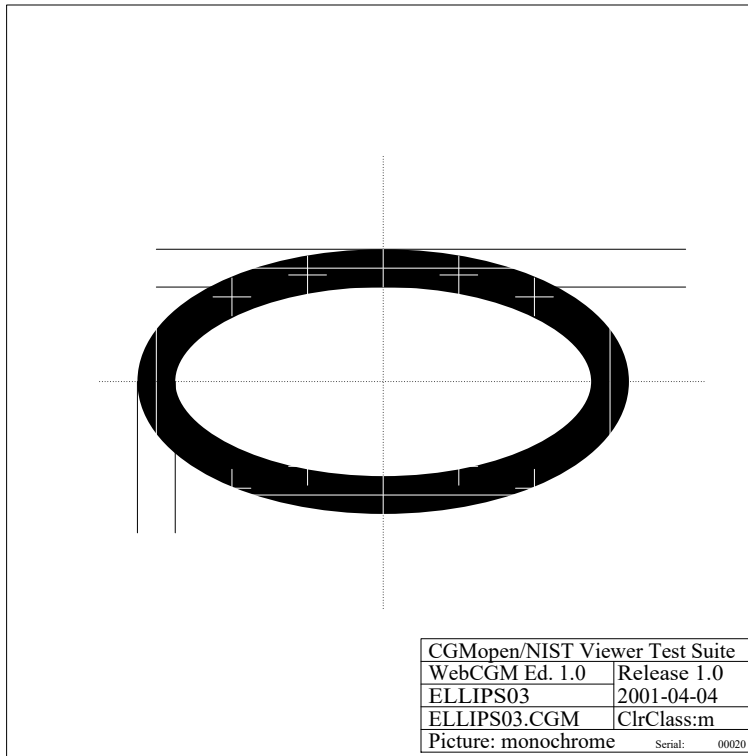


ELLIPS02-PNG

Fig 140, Sheet 2 of 2 ELLIPS02

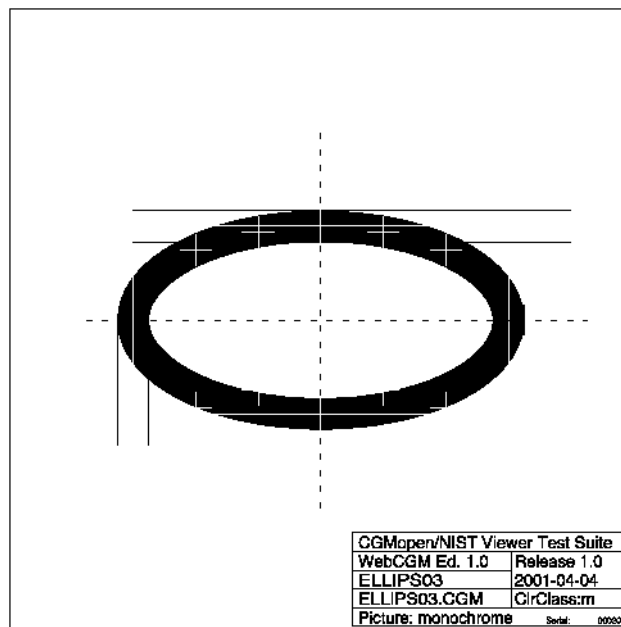
Produced by Docuengineering Ltd.

1.15.24 ELLIPS03



ELLIPS03-CGM

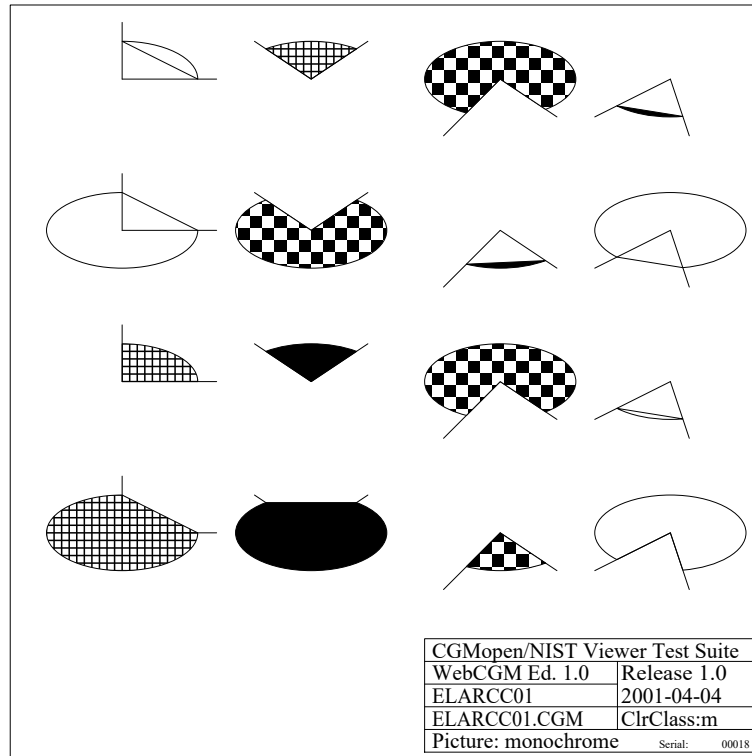
Fig 141, Sheet 1 of 2 ELLIPS03



ELLIPS03-PNG

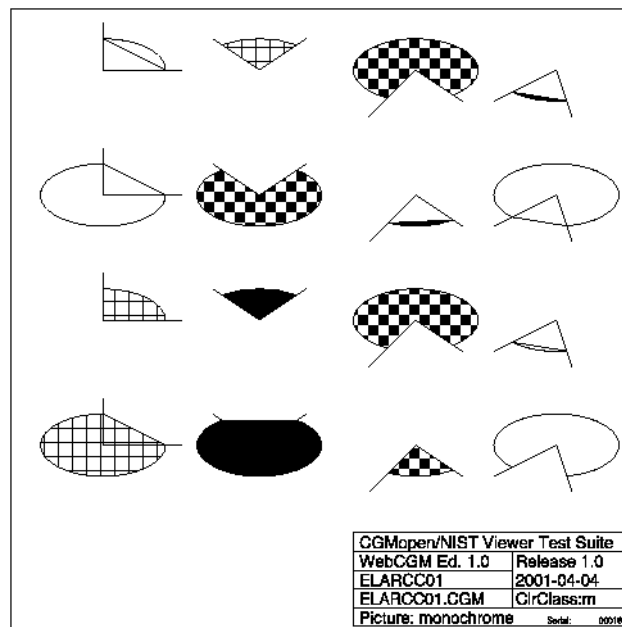
Fig 141, Sheet 2 of 2 ELLIPS03

1.15.25 ELARCC01



ELARCC01-CGM

Fig 142, Sheet 1 of 2 ELARCC01

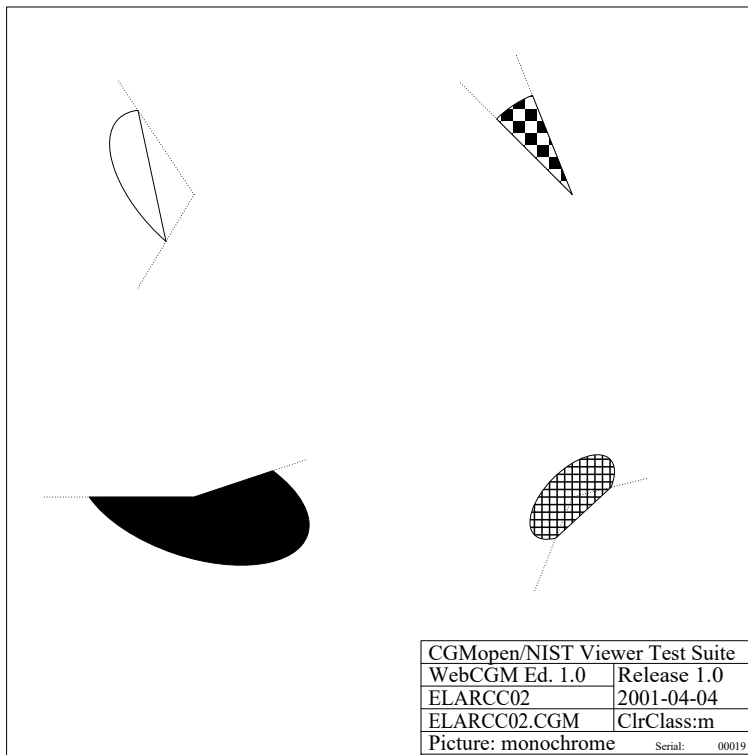


ELARCC01-PNG

Fig 142, Sheet 2 of 2 ELARCC01

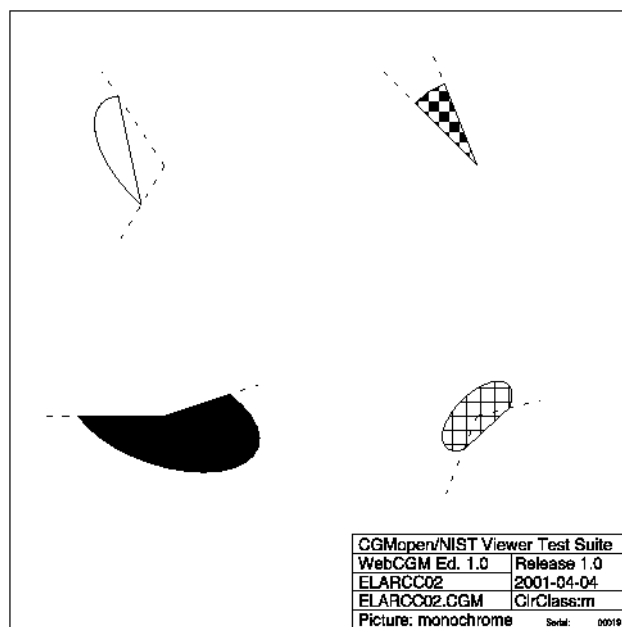
Produced by Docuneering Ltd.

1.15.26 ELARCC02



ELARCC02-CGM

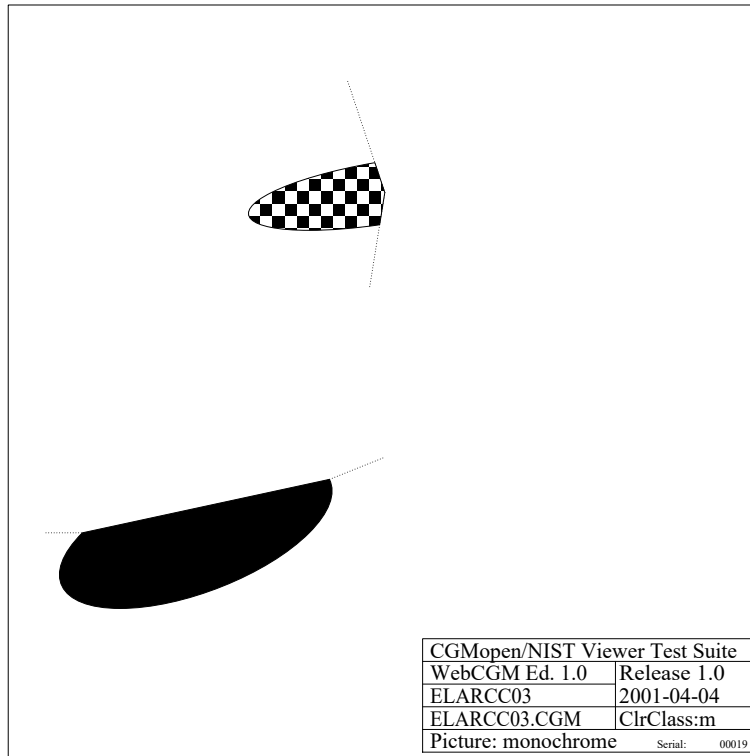
Fig 143, Sheet 1 of 2 ELARCC02



ELARCC02-PNG

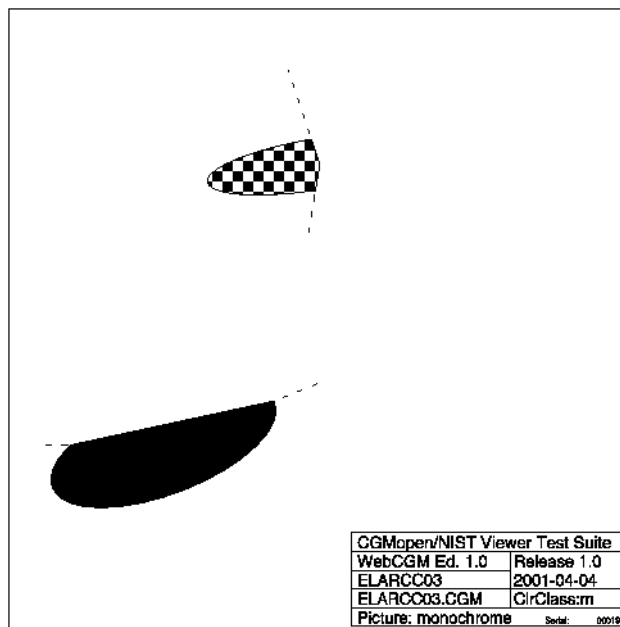
Fig 143, Sheet 2 of 2 ELARCC02

1.15.27 ELARCC03



ELARCC03-CGM

Fig 144, Sheet 1 of 2 ELARCC03

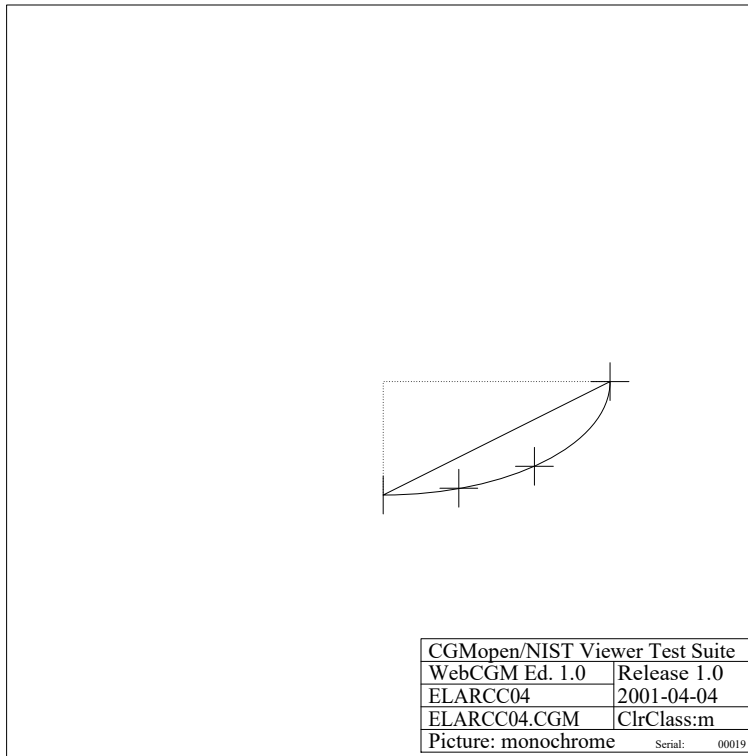


ELARCC03-PNG

Fig 144, Sheet 2 of 2 ELARCC03

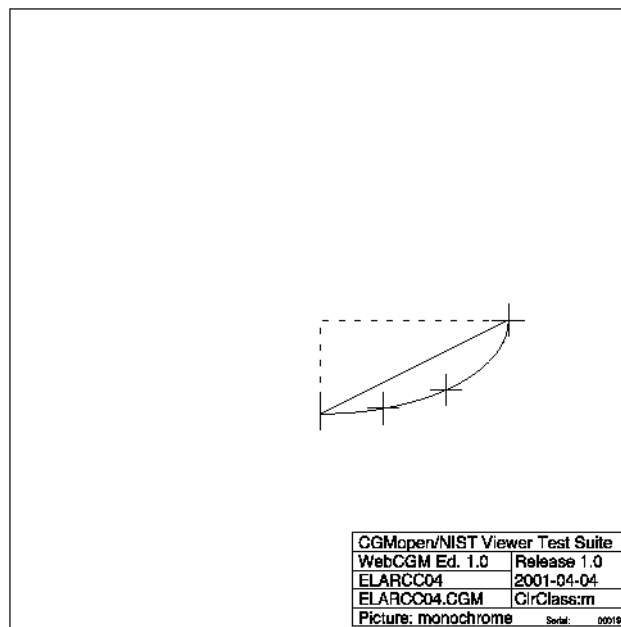
Produced by Docuneering Ltd.

1.15.28 ELARCC04



ELARCC04-CGM

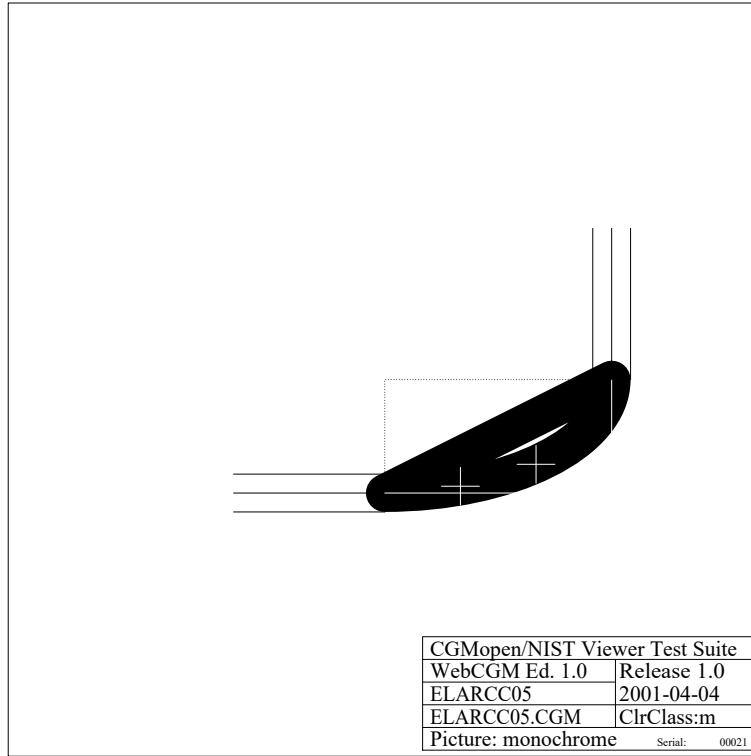
Fig 145, Sheet 1 of 2 ELARCC04



ELARCC04-PNG

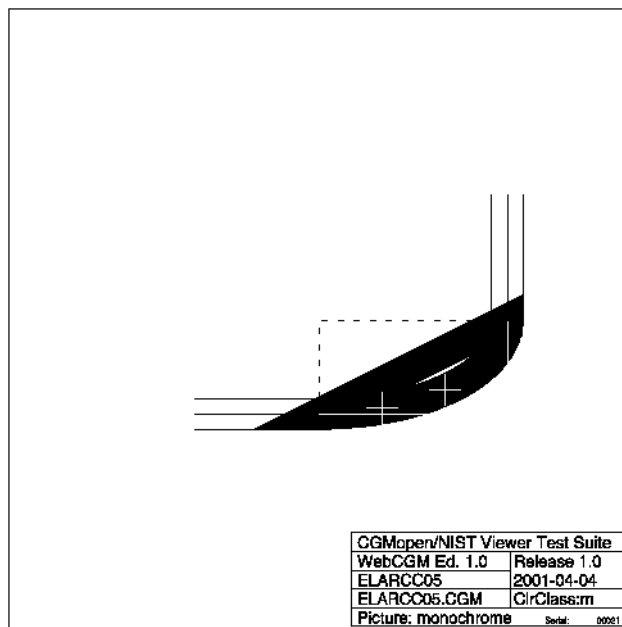
Fig 145, Sheet 2 of 2 ELARCC04

1.15.29 ELARCC05



ELARCC05-CGM

Fig 146, Sheet 1 of 2 ELARCC05

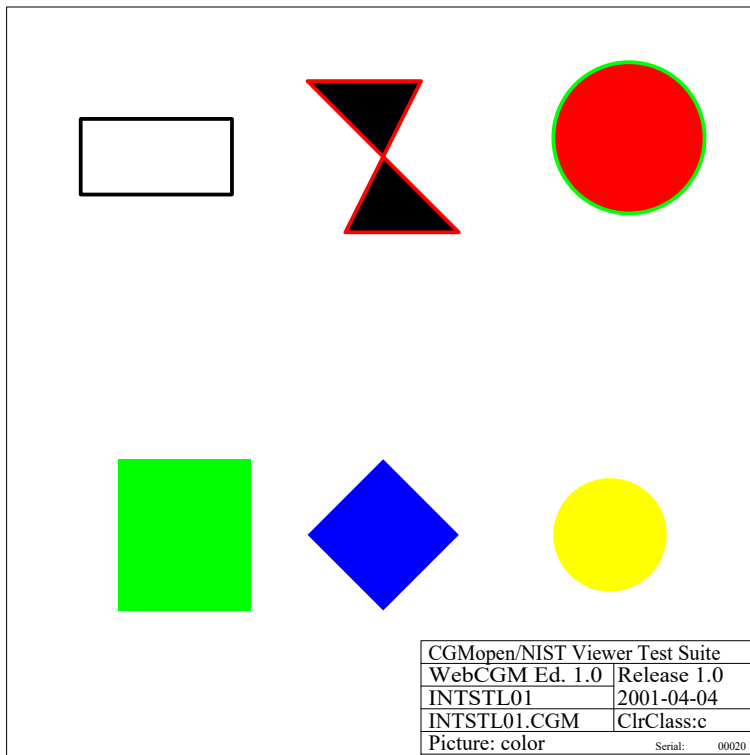


ELARCC05-PNG

Fig 146, Sheet 2 of 2 ELARCC05

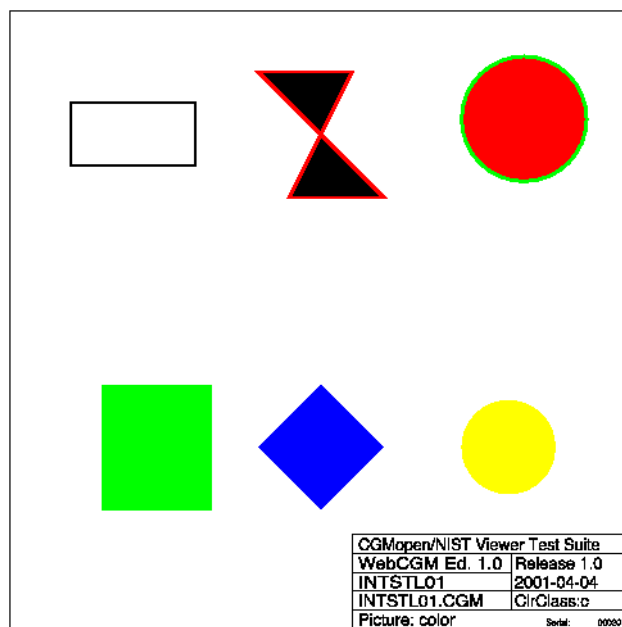
Produced by Docuneering Ltd.

1.15.30 INTSTL01



INTSTL01-CGM

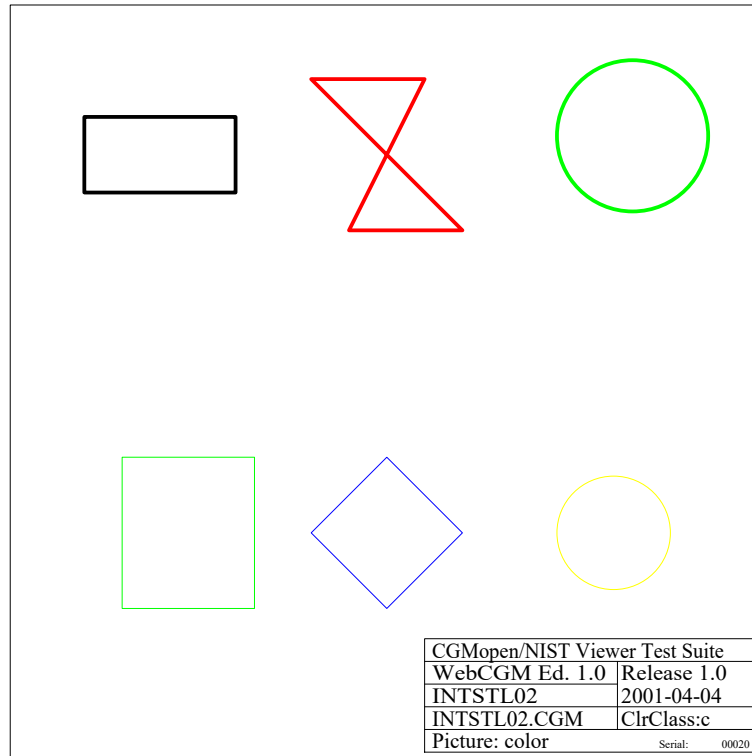
Fig 147, Sheet 1 of 2 INTSTL01



INTSTL01-PNG

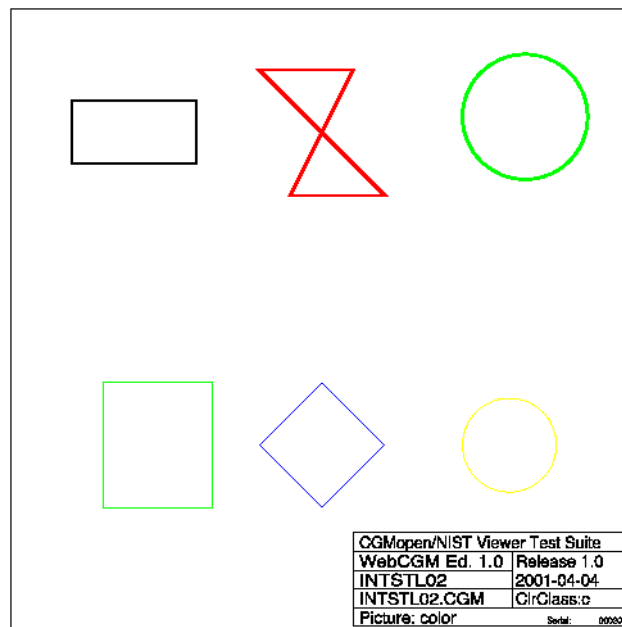
Fig 147, Sheet 2 of 2 INTSTL01

1.15.31 INTSTL02



INTSTL02-CGM

Fig 148, Sheet 1 of 2 INTSTL02

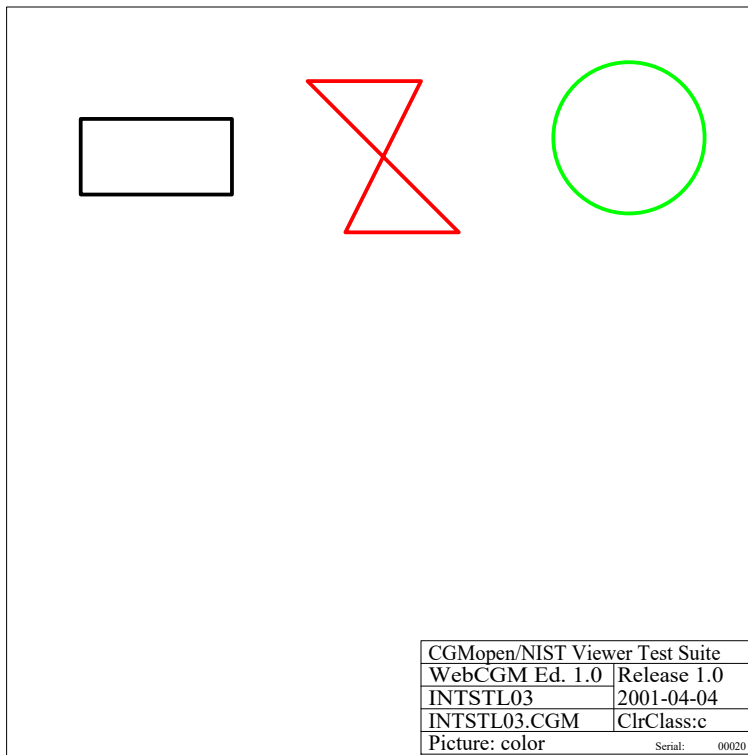


INTSTL02-PNG

Fig 148, Sheet 2 of 2 INTSTL02

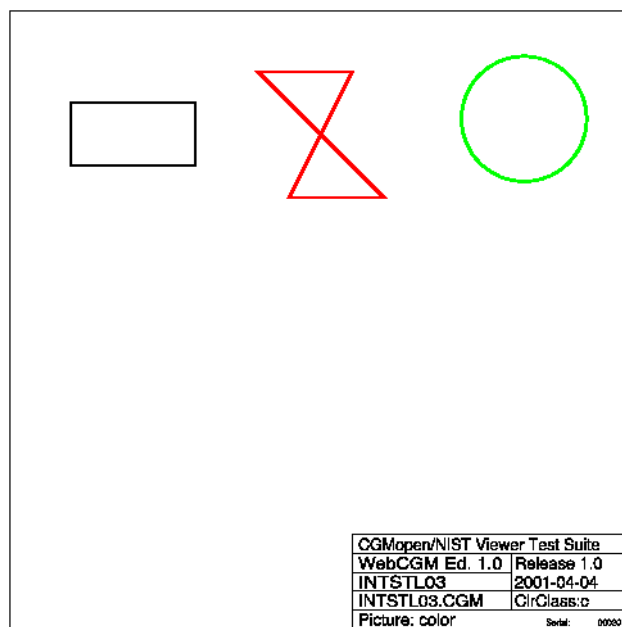
Produced by Docuneering Ltd.

1.15.32 INTSTL03



INTSTL03-CGM

Fig 149, Sheet 1 of 2 INTSTL03



INTSTL03-PNG

Fig 149, Sheet 2 of 2 INTSTL03

1.15.33 INTSTL04

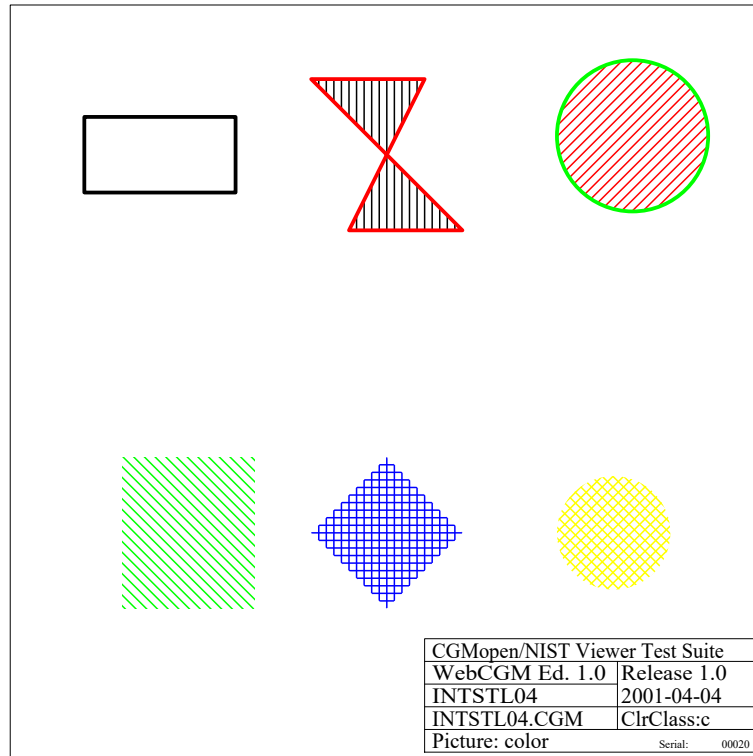


Fig 150, Sheet 1 of 2 INTSTL04

INTSTL04-CGM

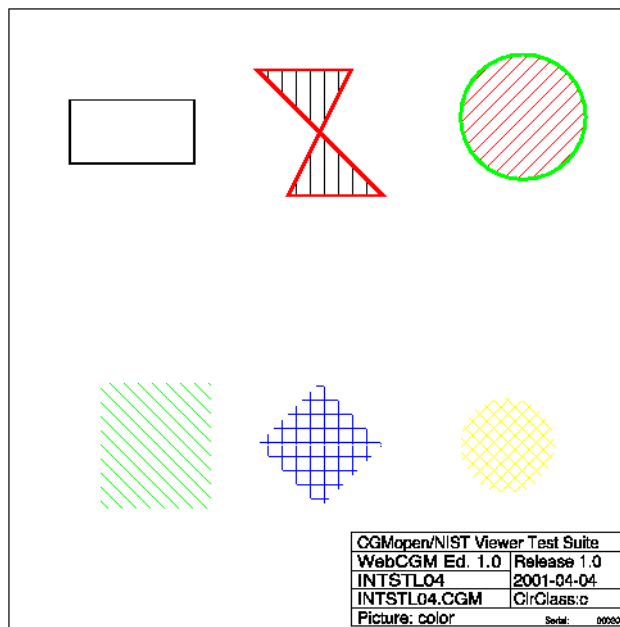
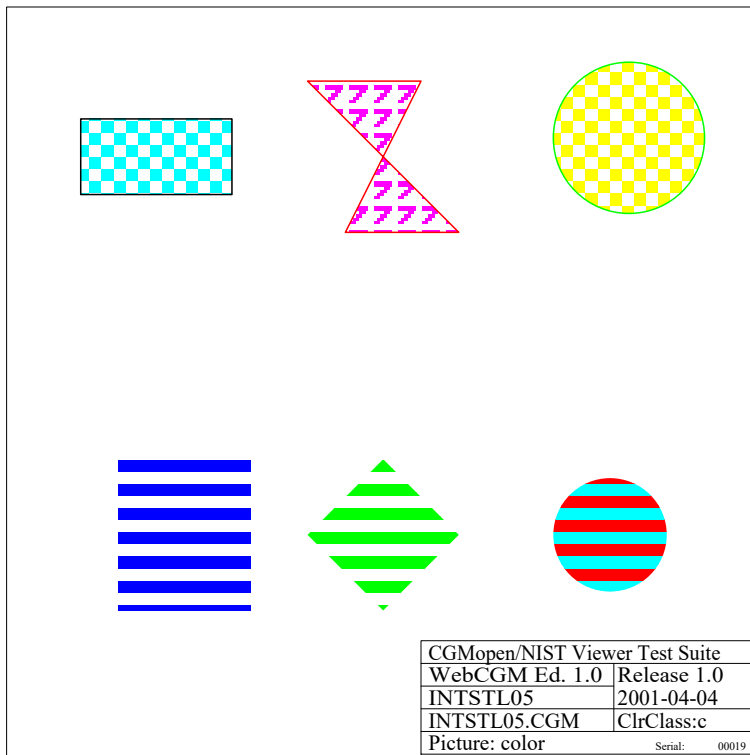


Fig 150, Sheet 2 of 2 INTSTL04

INTSTL04-PNG

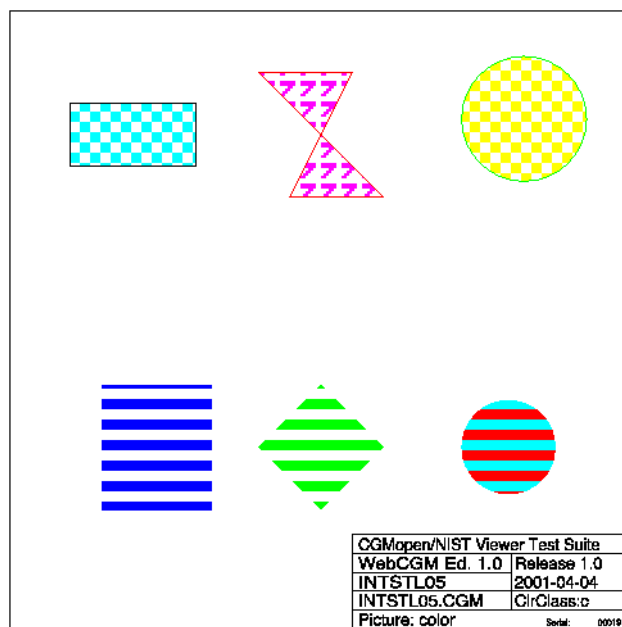
Produced by Docuneering Ltd.

1.15.34 INTSTL05



INTSTL05-CGM

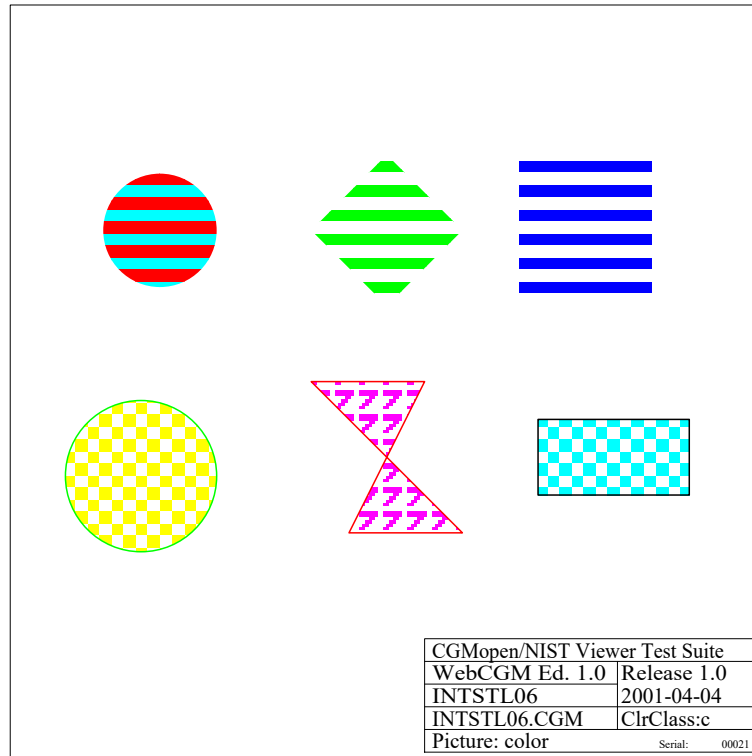
Fig 151, Sheet 1 of 2 INTSTL05



INTSTL05-PNG

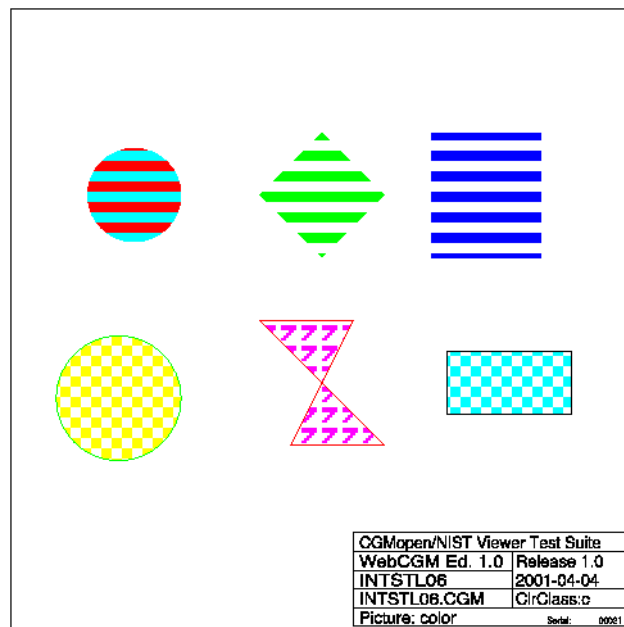
Fig 151, Sheet 2 of 2 INTSTL05

1.15.35 INTSTL06



INTSTL06-CGM

Fig 152, Sheet 1 of 2 INTSTL06

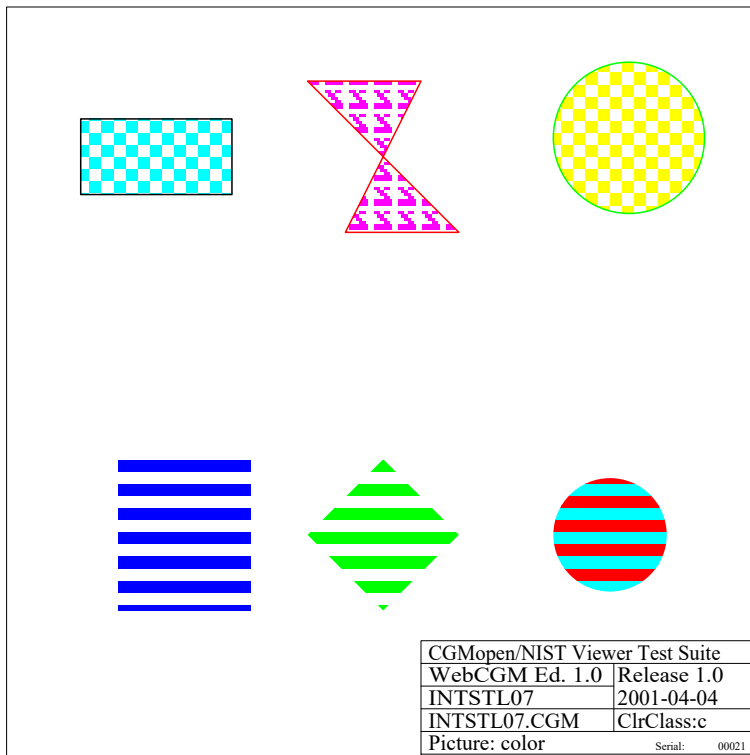


INTSTL06-PNG

Fig 152, Sheet 2 of 2 INTSTL06

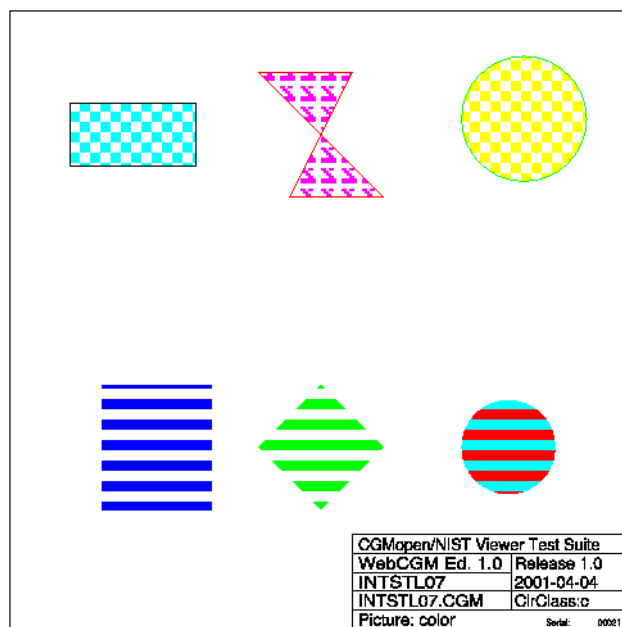
Produced by Docuneering Ltd.

1.15.36 INTSTL07



INTSTL07-CGM

Fig 153, Sheet 1 of 2 INTSTL07



INTSTL07-PNG

Fig 153, Sheet 2 of 2 INTSTL07

1.15.37 INTSTL08

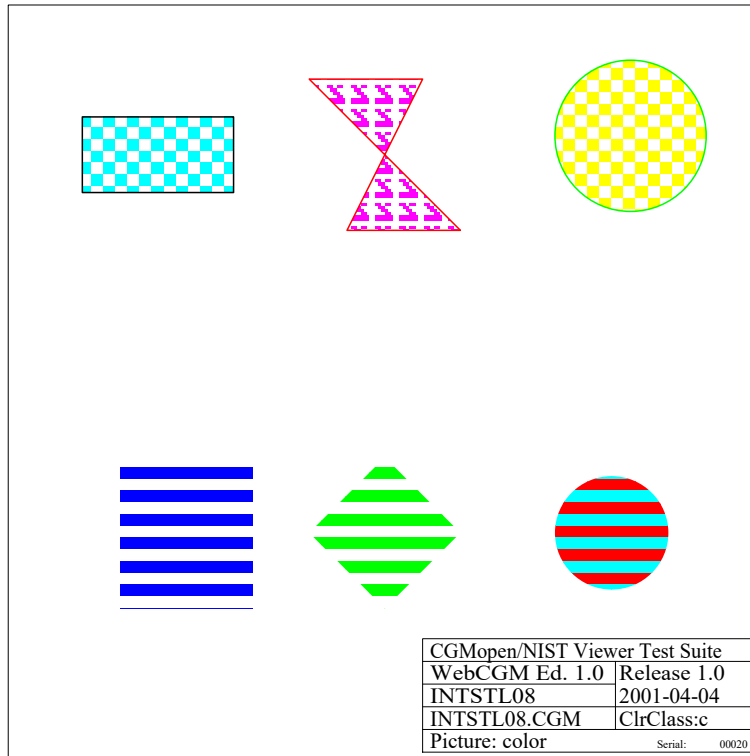


Fig 154, Sheet 1 of 2 INTSTL08

INTSTL08-CGM

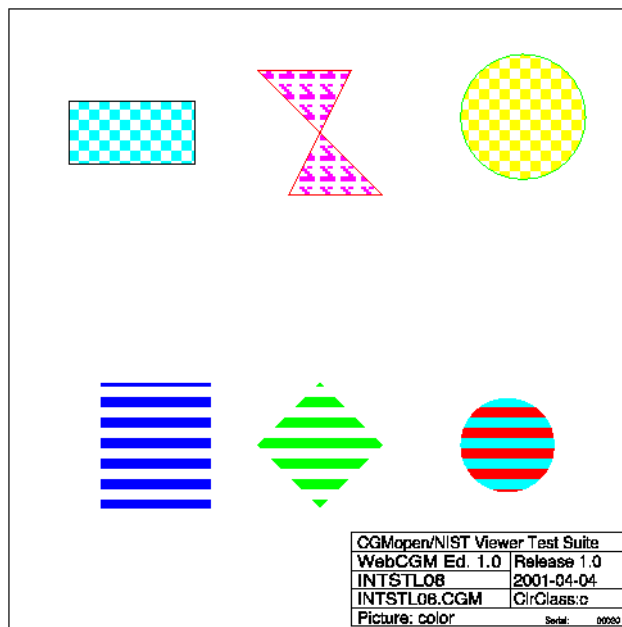
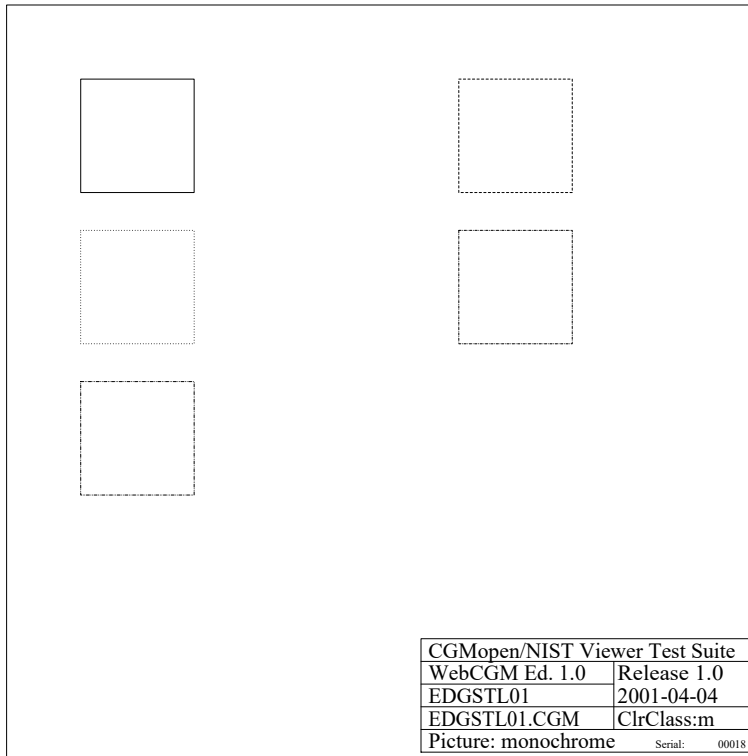


Fig 154, Sheet 2 of 2 INTSTL08

INTSTL08-PNG

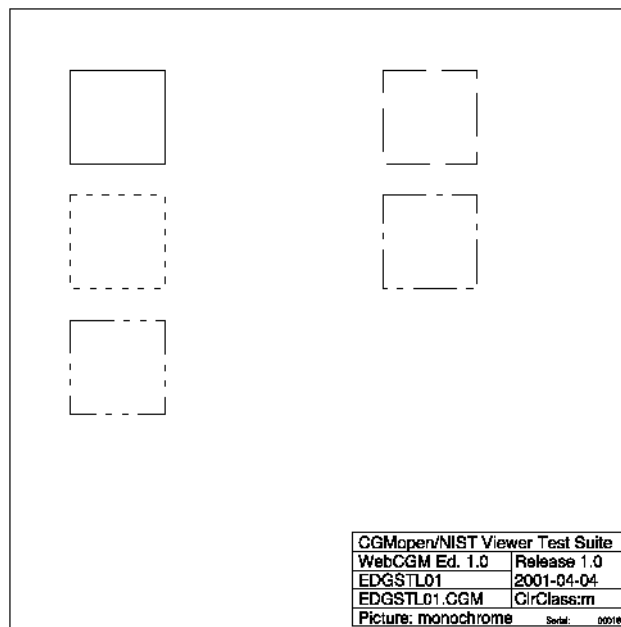
Produced by Docuneering Ltd.

1.15.38 EDGSTL01



edgstl01-CGM

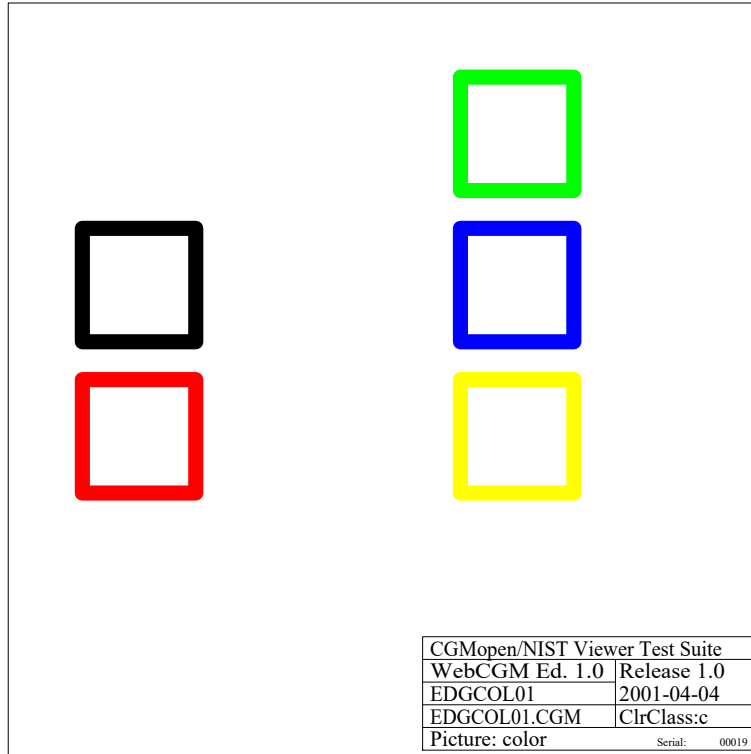
Fig 155, Sheet 1 of 2 EDGSTL01



edgstl01-PNG

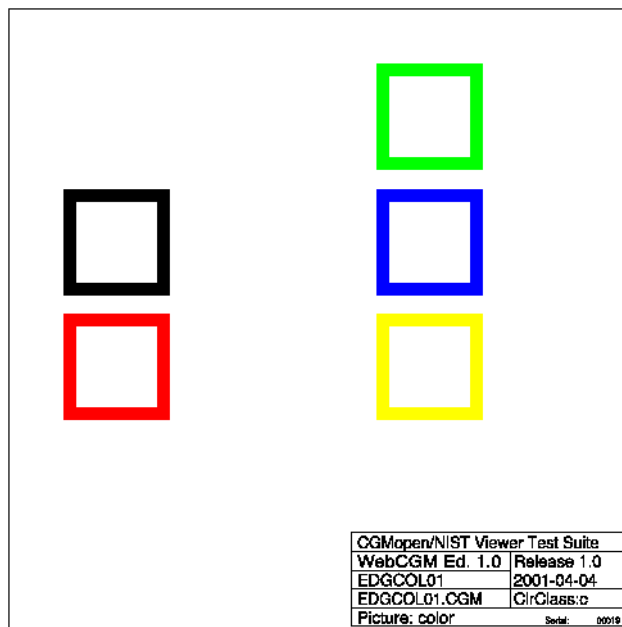
Fig 155, Sheet 2 of 2 EDGSTL01

1.15.39 EDGCOL01



EDGCOL01-CGM

Fig 156, Sheet 1 of 2 EDGCOL01



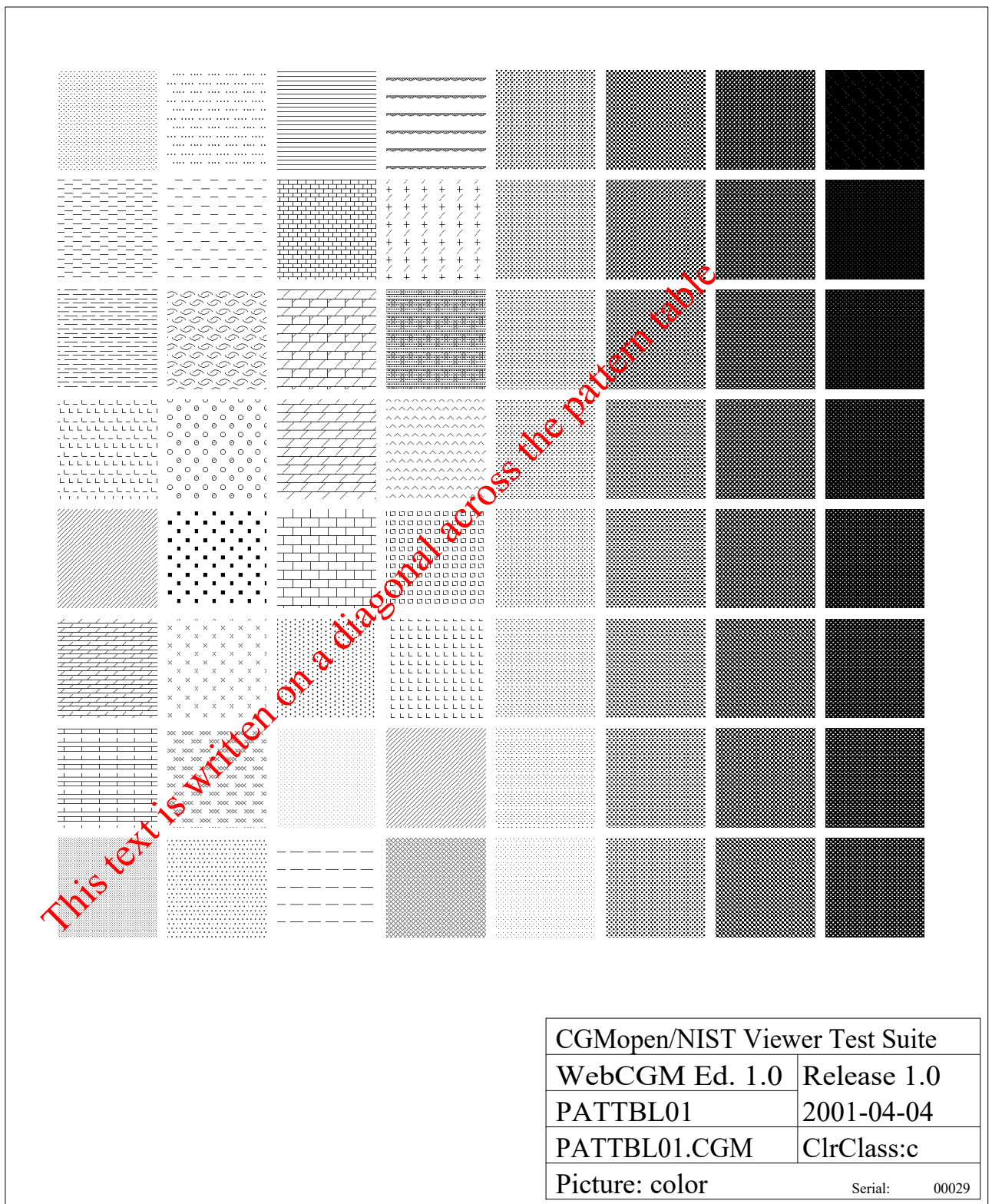
EDGCOL01-PNG

Fig 156, Sheet 2 of 2 EDGCOL01

Produced by Docuneering Ltd.

1.16 **Pattern Table**

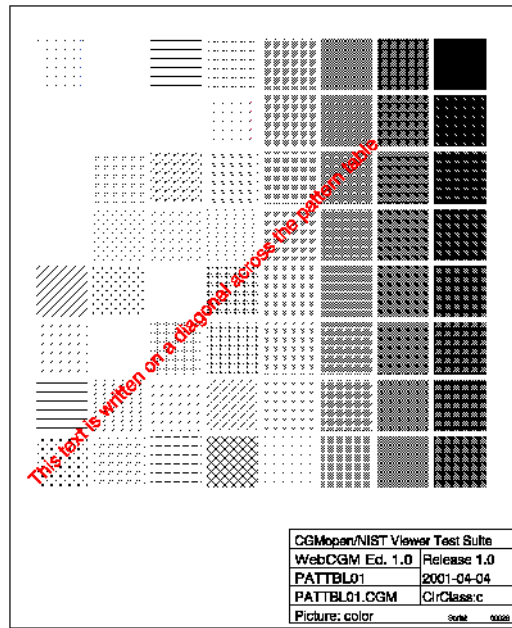
1.16.1 **PATTBL01**



PATTBL01-CGM

Fig 157, Sheet 1 of 2 PATTBL01

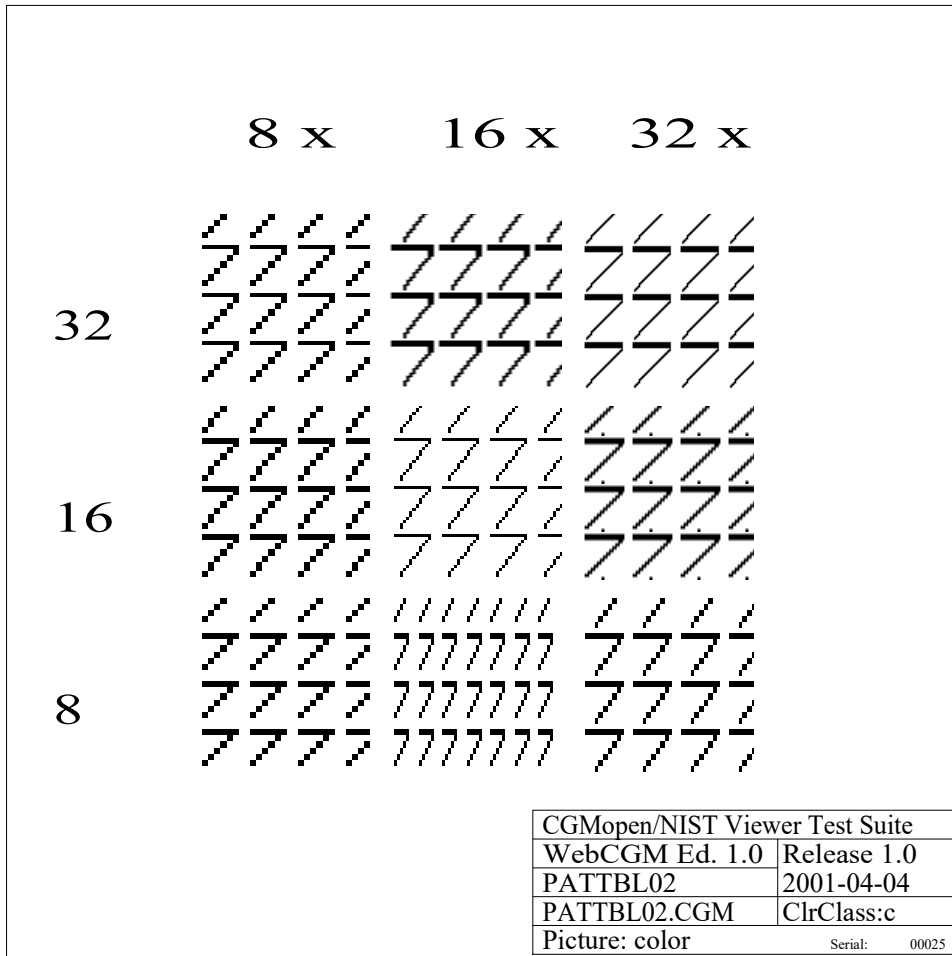
Produced by Docuneering Ltd.



PATTBL01-PNG

Fig 157, Sheet 2 of 2 PATTBL01

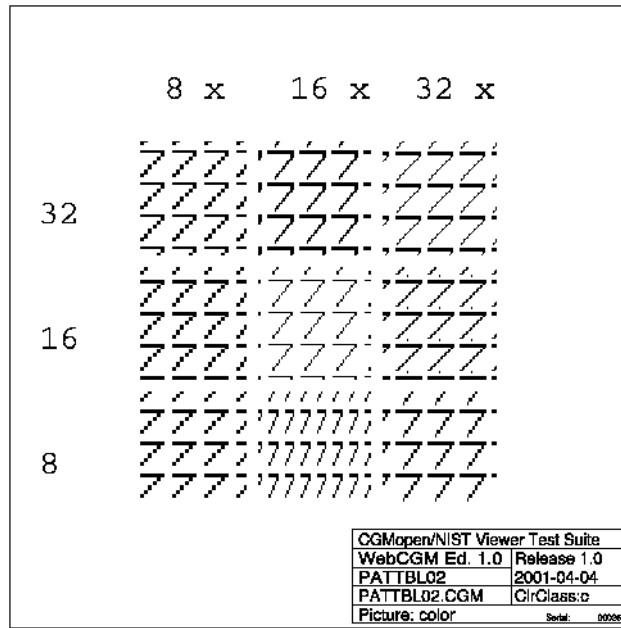
1.16.2 PATTBL02



PATTBL02-CGM

Fig 158, Sheet 1 of 2 PATTBL02

Produced by Docuneering Ltd.



PATTBL02-PNG

Fig 158, Sheet 2 of 2 PATTBL02

1.17 Line Elements

1.17.1 CIRARC01

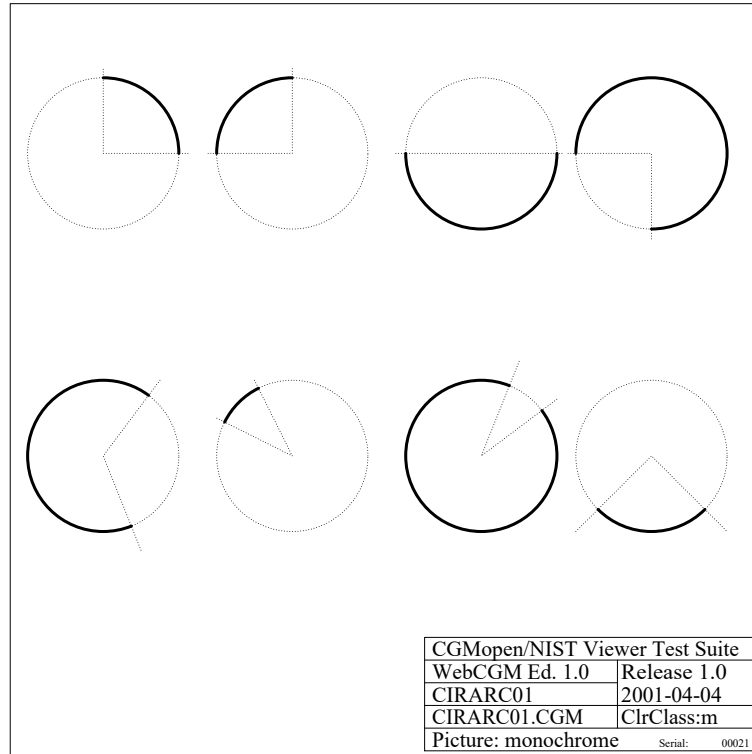


Fig 159, Sheet 1 of 2 CIRARC01

CIRARC01-CGM

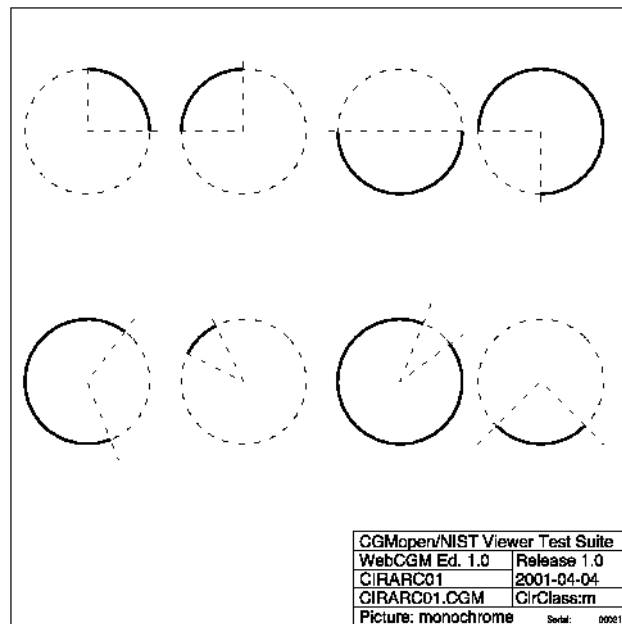
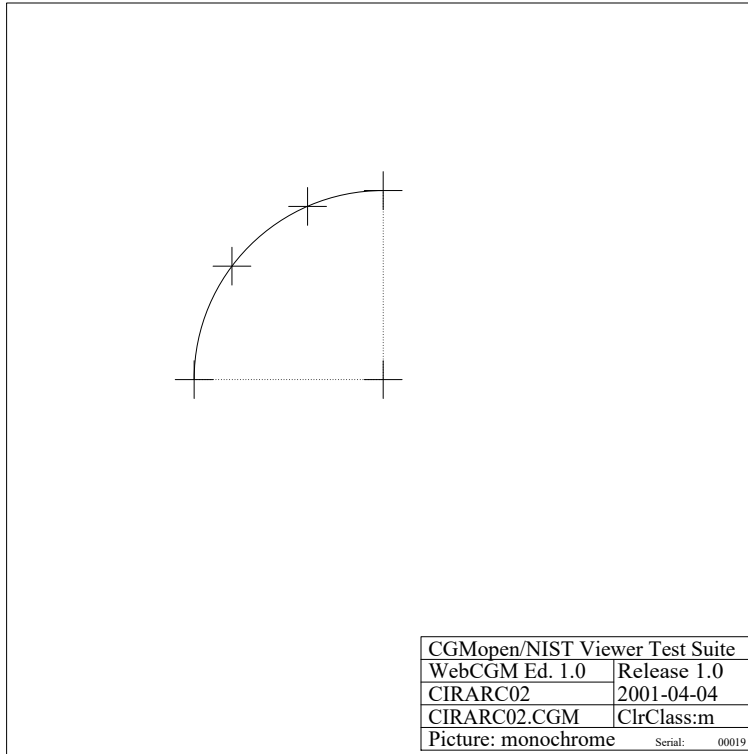


Fig 159, Sheet 2 of 2 CIRARC01

CIRARC01-PNG

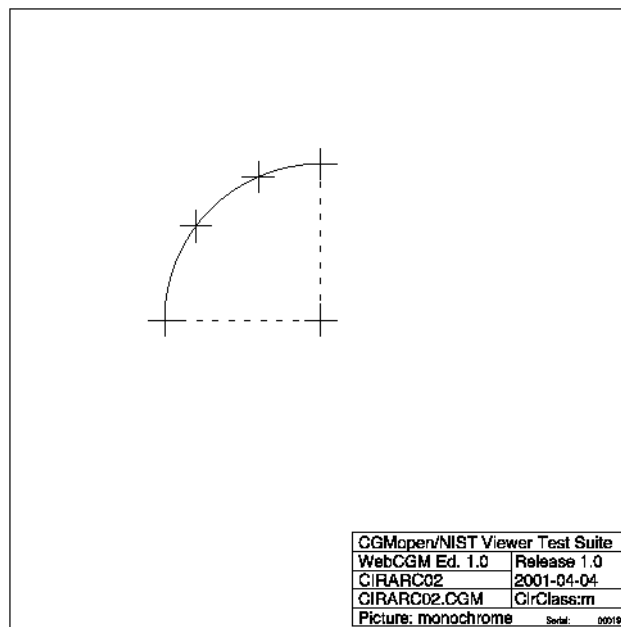
Produced by Docuneering Ltd.

1.17.2 CIRARC02



CIRARC02-CGM

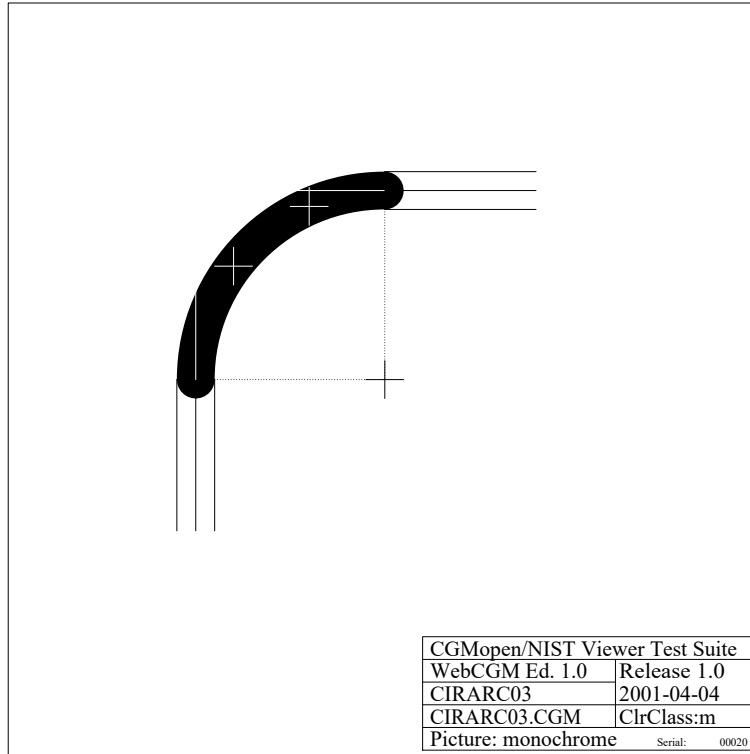
Fig 160, Sheet 1 of 2 CIRARC02



CIRARC02-PNG

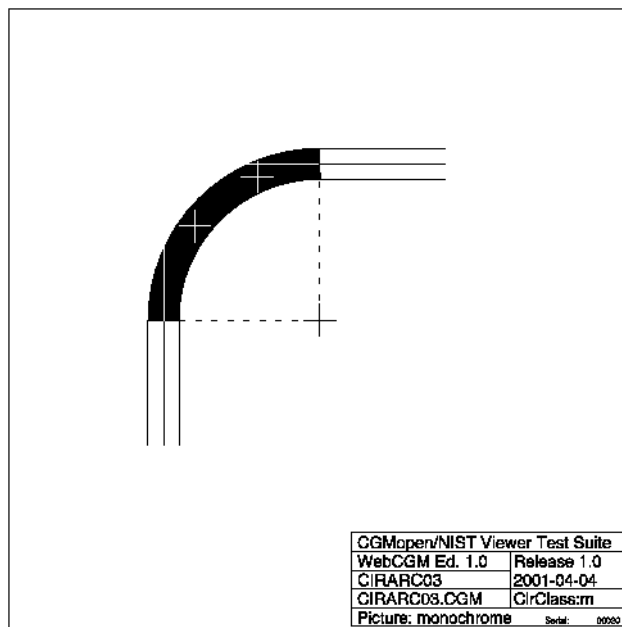
Fig 160, Sheet 2 of 2 CIRARC02

1.17.3 CIRARC03



CIRARC03-CGM

Fig 161, Sheet 1 of 2 CIRARC03

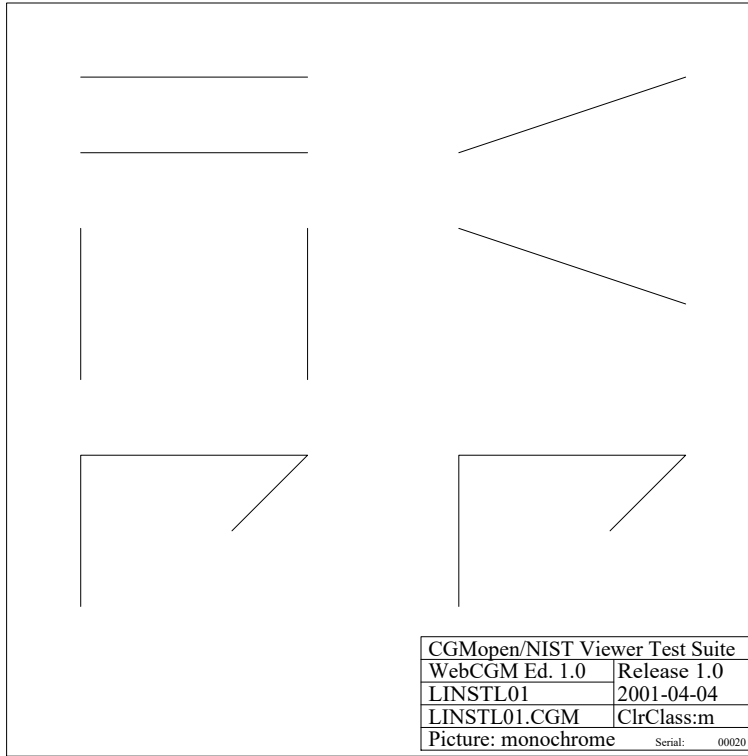


CIRARC03-PNG

Fig 161, Sheet 2 of 2 CIRARC03

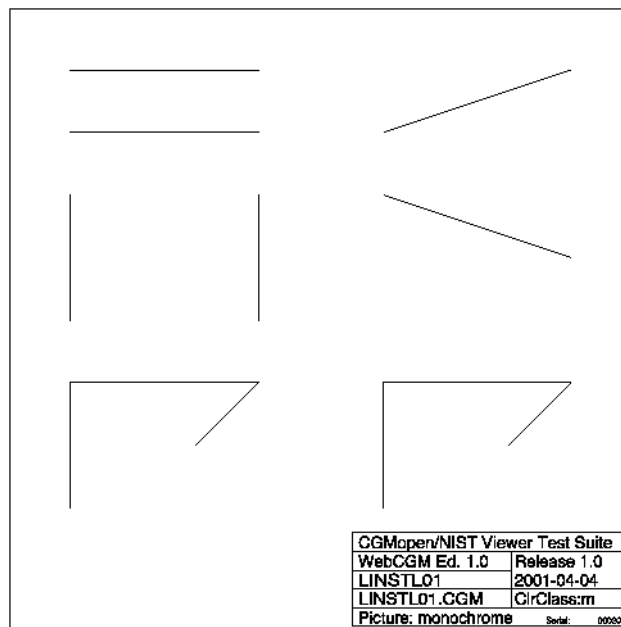
Produced by Docuneering Ltd.

1.17.4 LINSTL01



LINSTL01-CGM

Fig 162, Sheet 1 of 2 LINSTL01



LINSTL01-PNG

Fig 162, Sheet 2 of 2 LINSTL01

1.17.5 LINSTL02

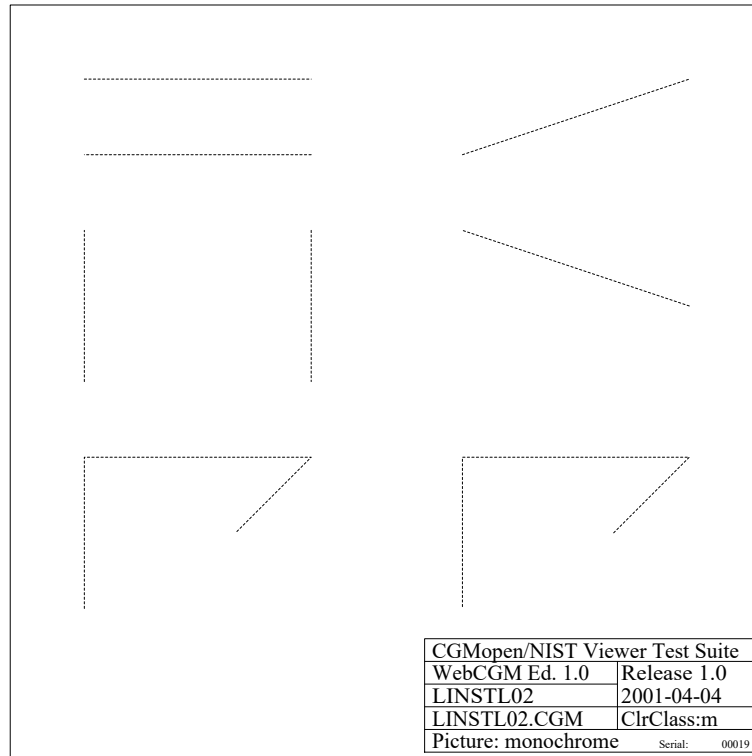


Fig 163, Sheet 1 of 2 LINSTL02

LINSTL02-CGM

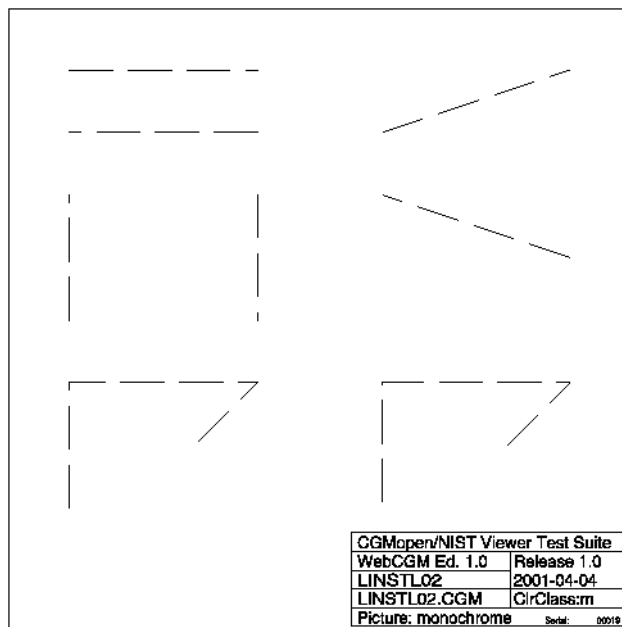
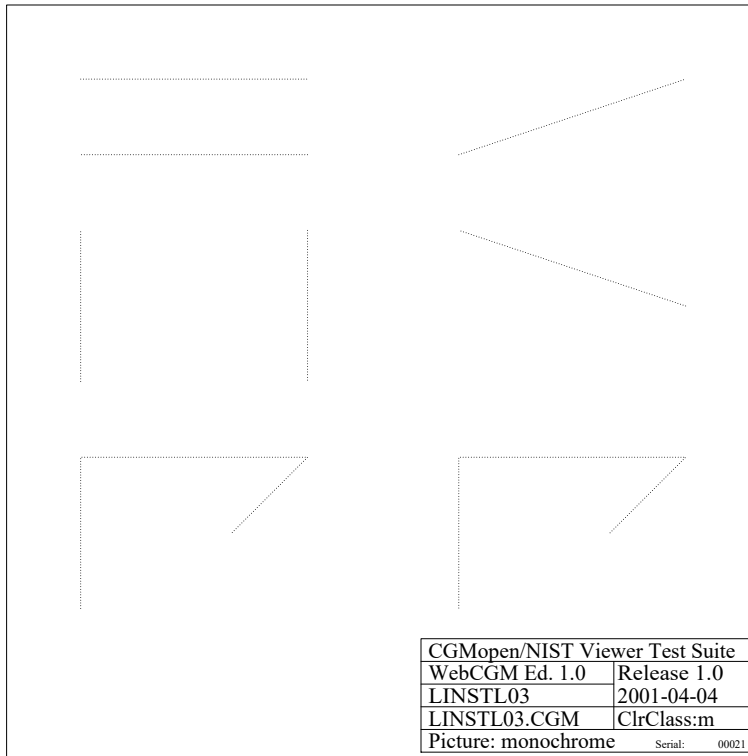


Fig 163, Sheet 2 of 2 LINSTL02

LINSTL02-PNG

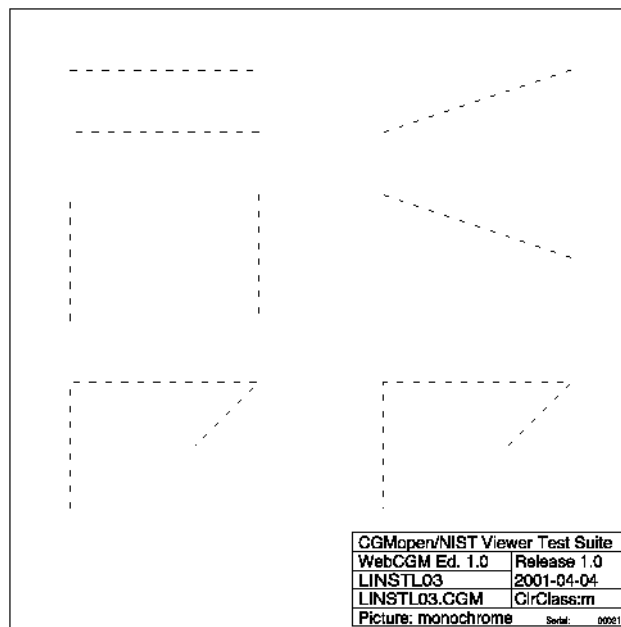
Produced by Docuneering Ltd.

1.17.6 LINSTL03



LINSTL03-CGM

Fig 164, Sheet 1 of 2 LINSTL03



LINSTL03-PNG

Fig 164, Sheet 2 of 2 LINSTL03

1.17.7 LINSTL04

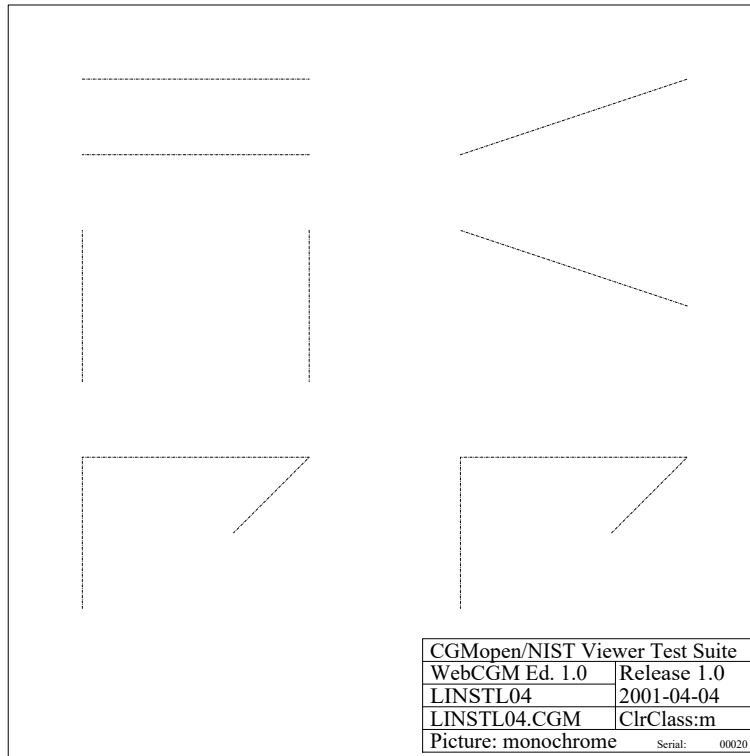


Fig 165, Sheet 1 of 2 LINSTL04

LINSTL04-CGM

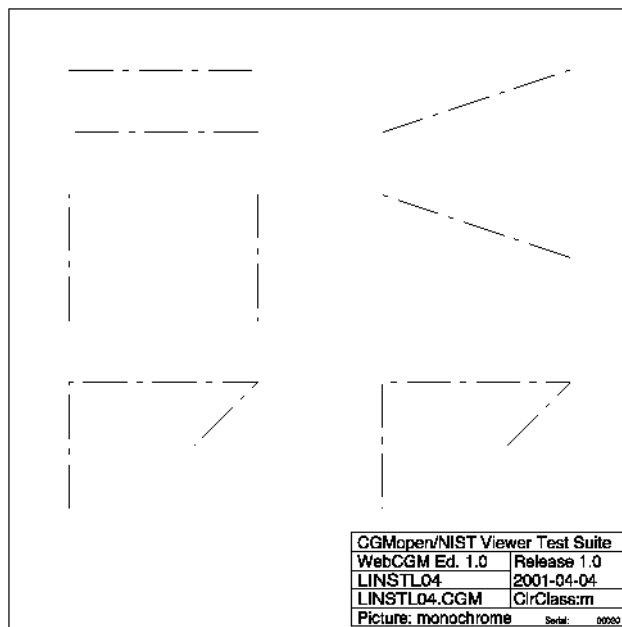
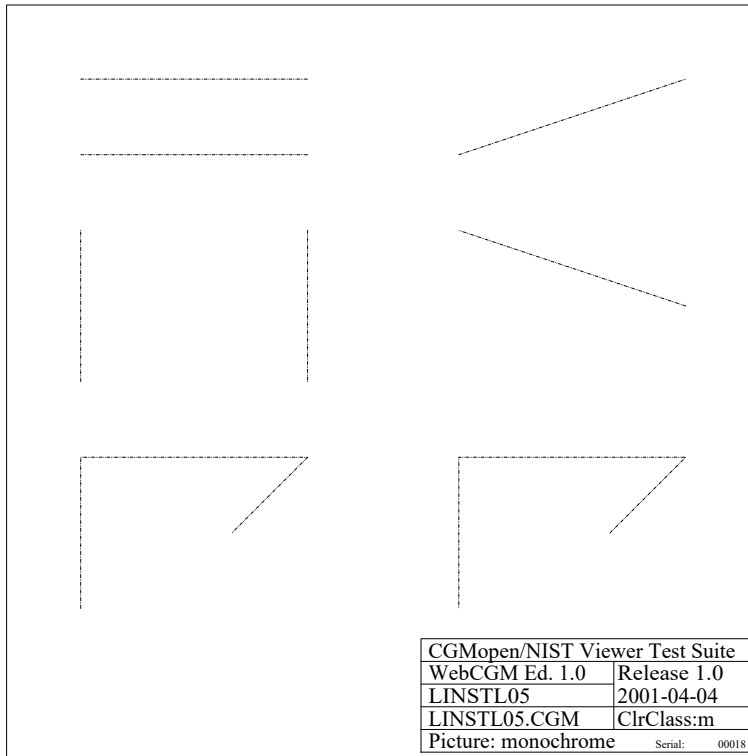


Fig 165, Sheet 2 of 2 LINSTL04

LINSTL04-PNG

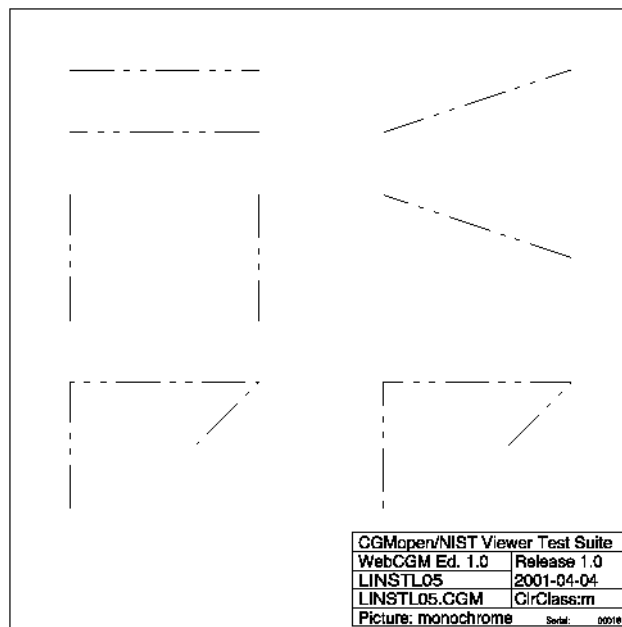
Produced by Docuneering Ltd.

1.17.8 LINSTL05



LINSTL05-CGM

Fig 166, Sheet 1 of 2 LINSTL05



LINSTL05-PNG

Fig 166, Sheet 2 of 2 LINSTL05

1.17.9 LINSTL06

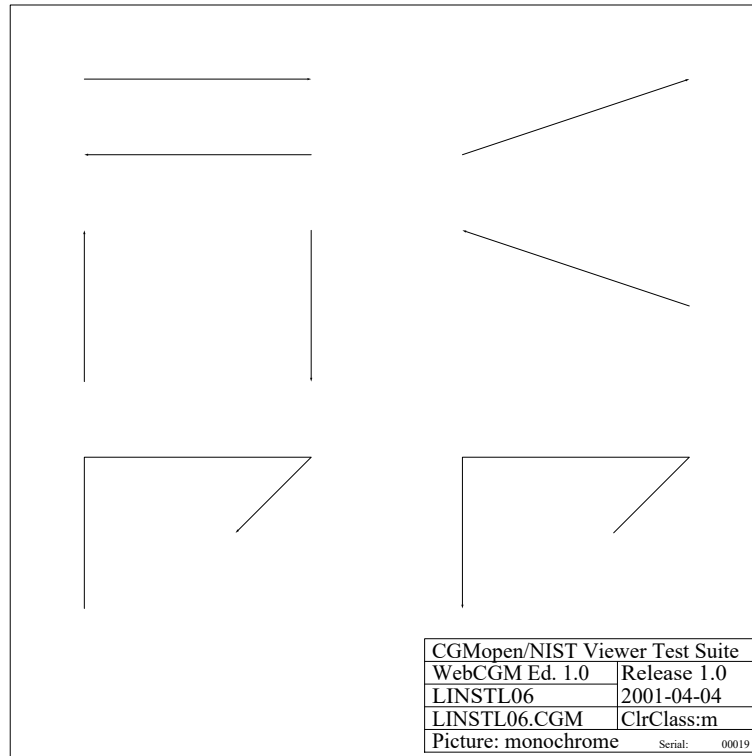


Fig 167, Sheet 1 of 2 LINSTL06

LINSTL06-CGM

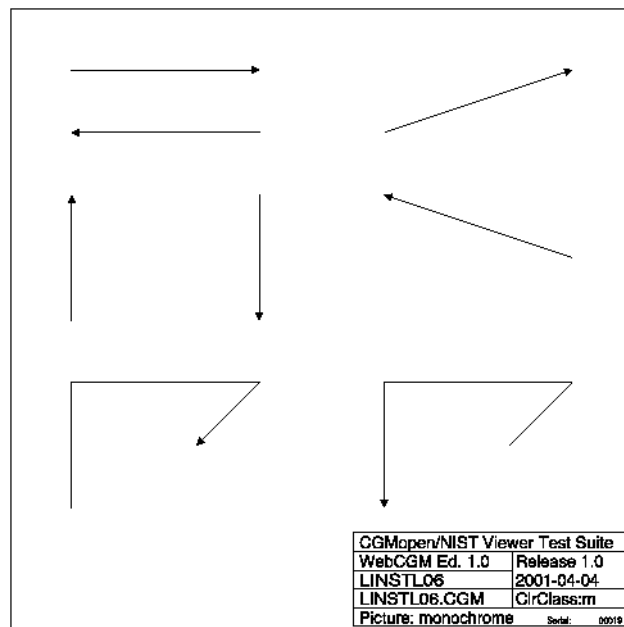
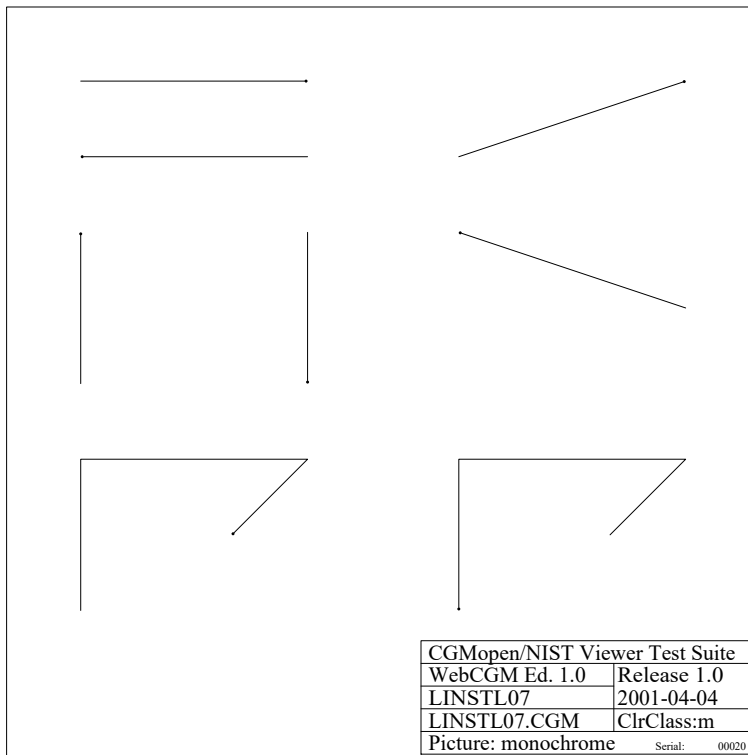


Fig 167, Sheet 2 of 2 LINSTL06

LINSTL06-PNG

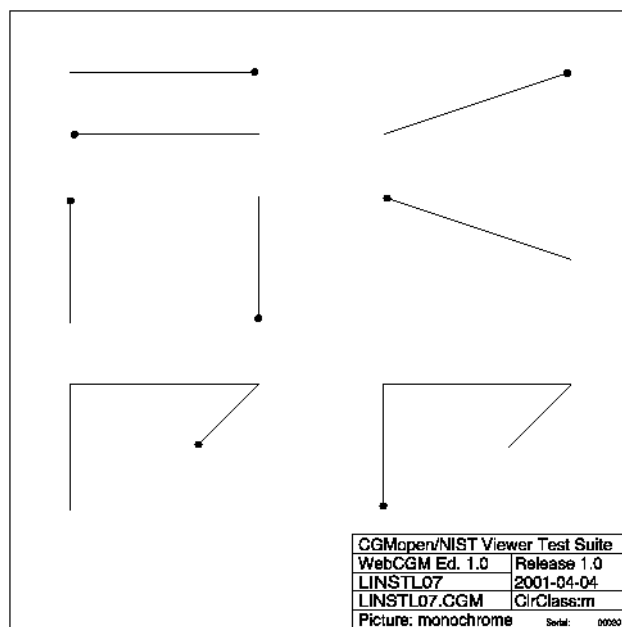
Produced by Docuneering Ltd.

1.17.10 LINSTL07



LINSTL07-CGM

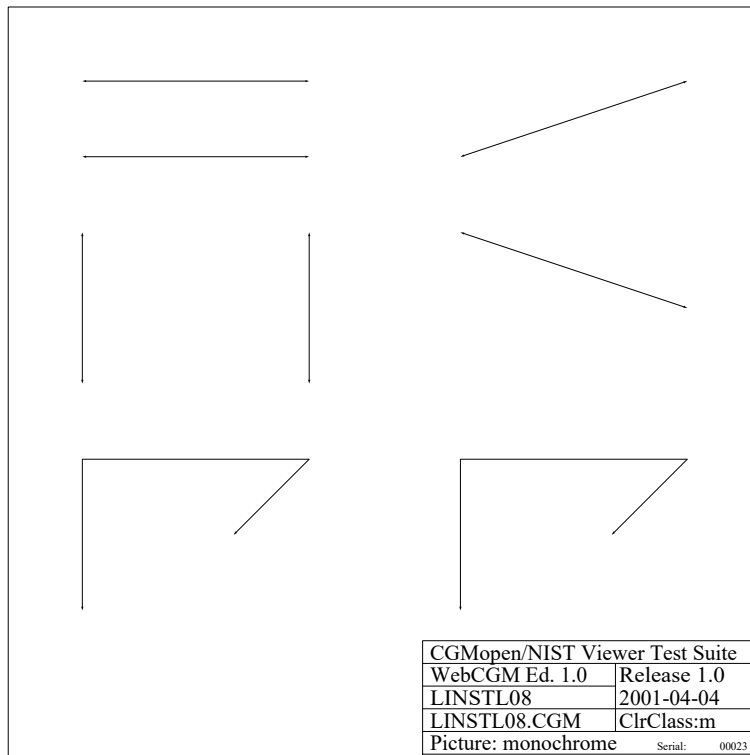
Fig 168, Sheet 1 of 2 LINSTL07



LINSTL07-PNG

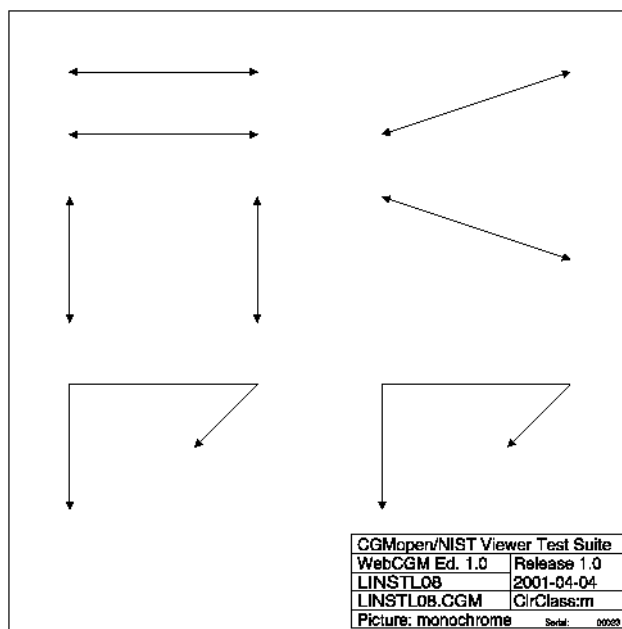
Fig 168, Sheet 2 of 2 LINSTL07

1.17.11 LINSTL08



LINSTL08-CGM

Fig 169, Sheet 1 of 2 LINSTL08

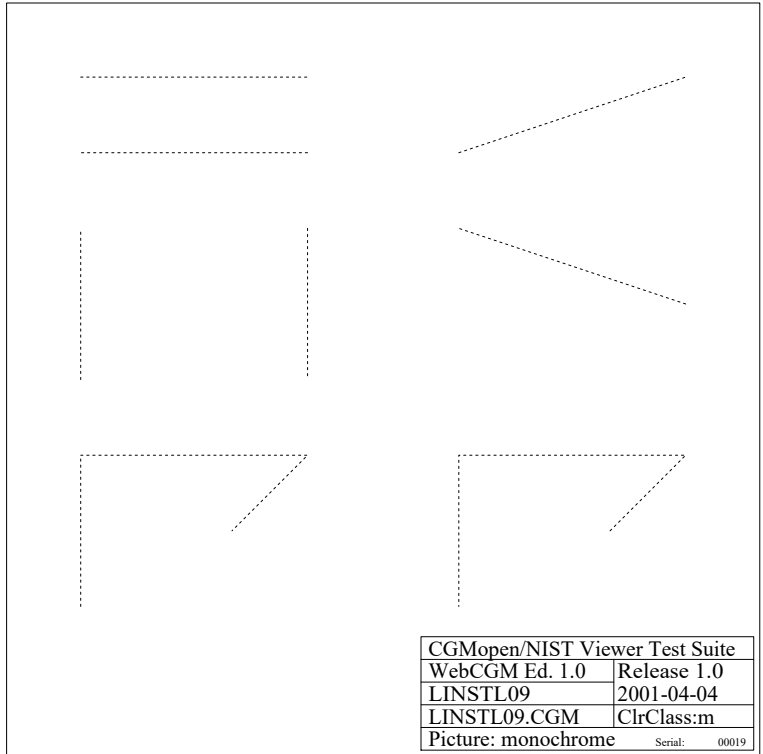


LINSTL08-PNG

Fig 169, Sheet 2 of 2 LINSTL08

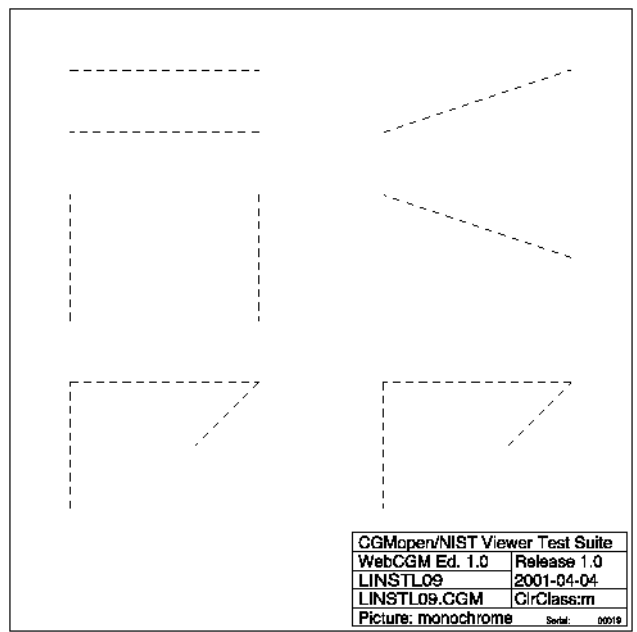
Produced by Docuneering Ltd.

1.17.12 LINSTL09



LINSTL09-CGM

Fig 170, Sheet 1 of 2 LINSTL09



LINSTL09-PNG

Fig 170, Sheet 2 of 2 LINSTL09

1.17.13 LINSTL10

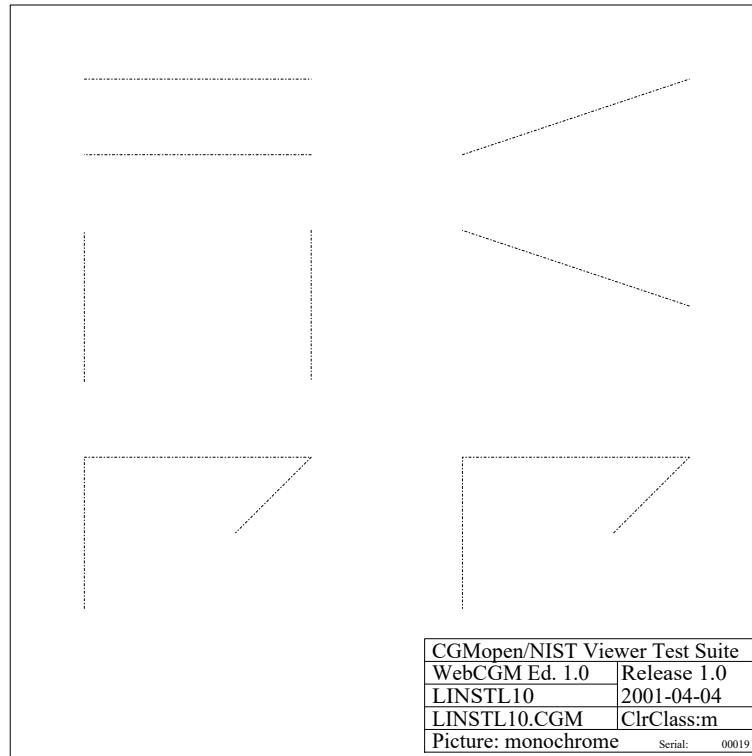


Fig 171, Sheet 1 of 2 LINSTL10

LINSTL10-CGM

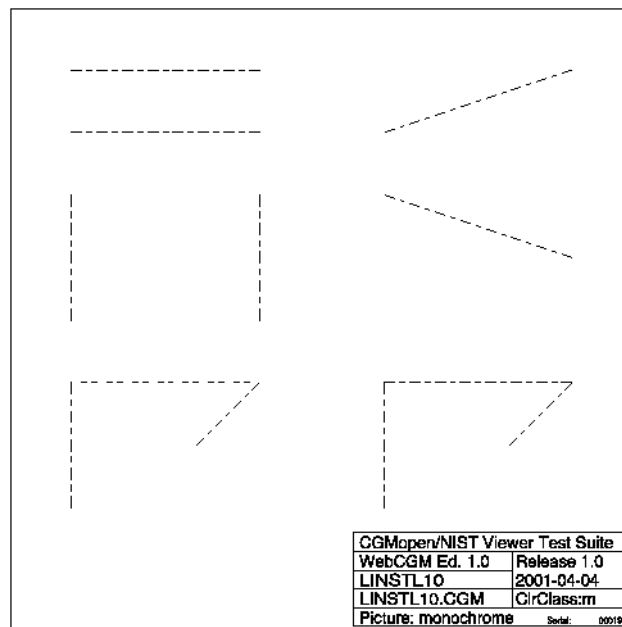
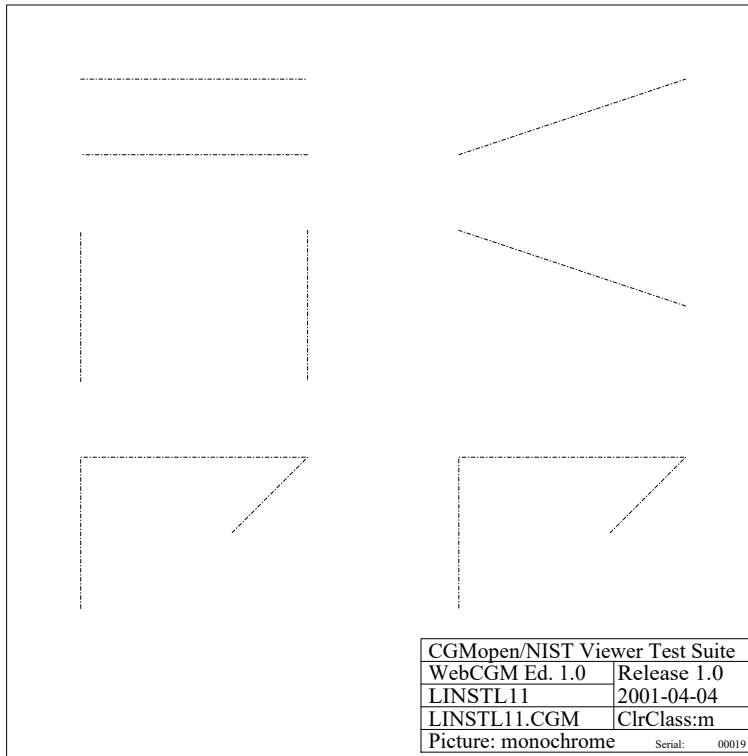


Fig 171, Sheet 2 of 2 LINSTL10

LINSTL10-PNG

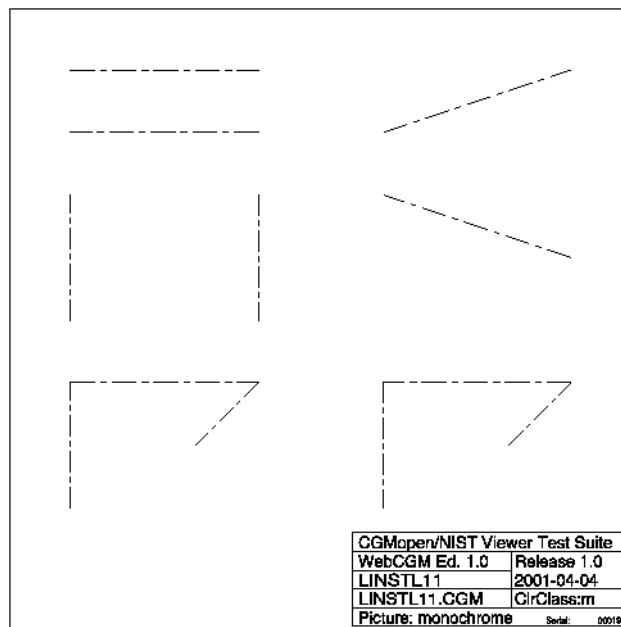
Produced by Docuneering Ltd.

1.17.14 LINSTL11



LINSTL11-CGM

Fig 172, Sheet 1 of 2 LINSTL11



LINSTL11-PNG

Fig 172, Sheet 2 of 2 LINSTL11

1.17.15 LINSTL12

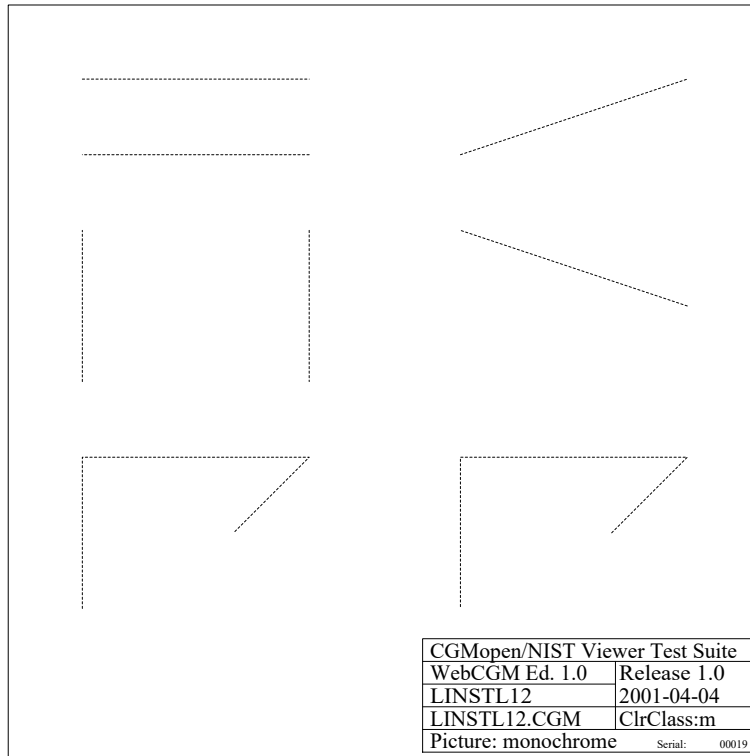


Fig 173, Sheet 1 of 2 LINSTL12

LINSTL12-CGM

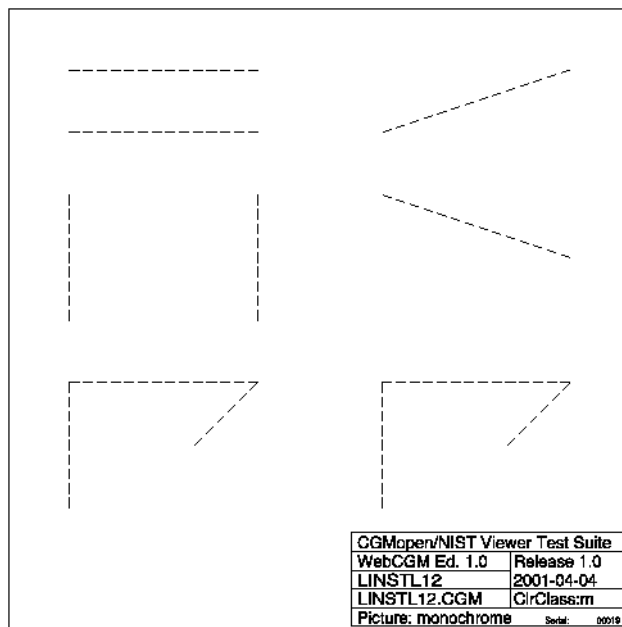
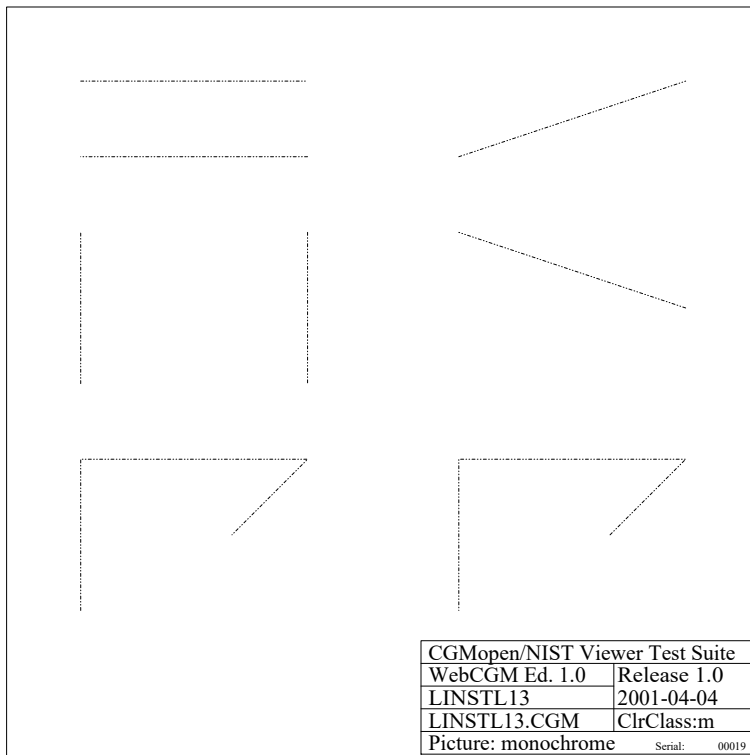


Fig 173, Sheet 2 of 2 LINSTL12

LINSTL12-PNG

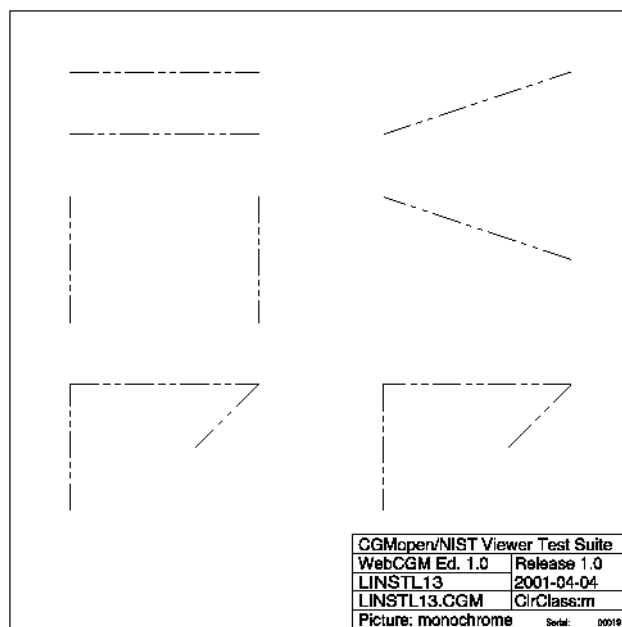
Produced by Docuneering Ltd.

1.17.16 LINSTL13



LINSTL13-CGM

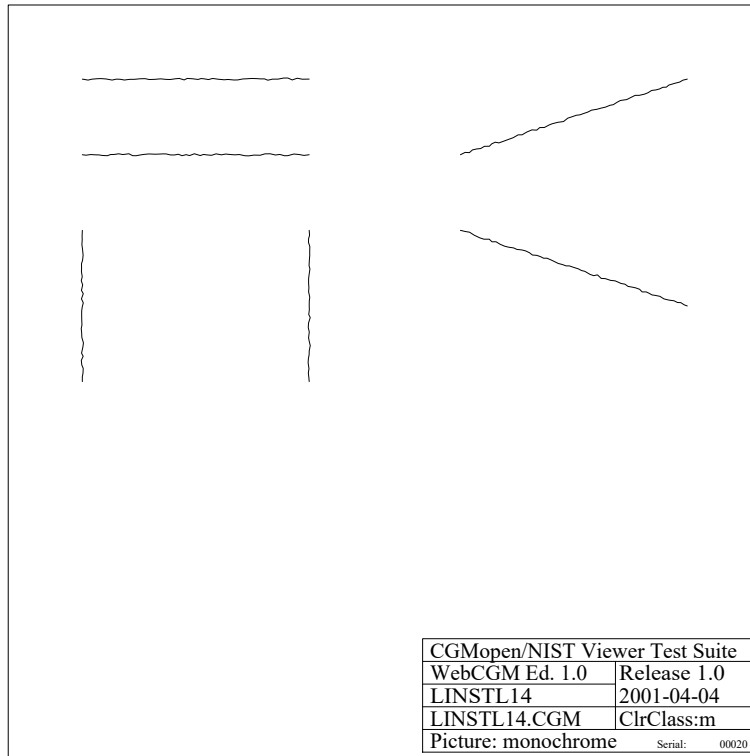
Fig 174, Sheet 1 of 2 LINSTL13



LINSTL13-PNG

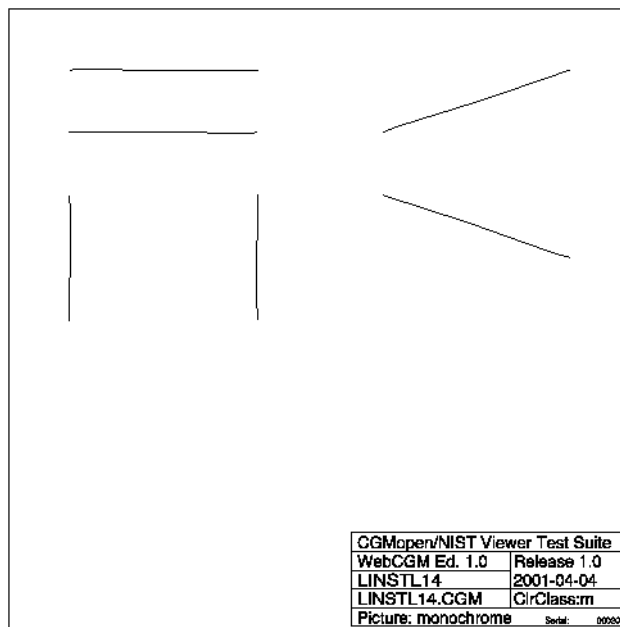
Fig 174, Sheet 2 of 2 LINSTL13

1.17.17 LINSTL14



LINSTL14-CGM

Fig 175, Sheet 1 of 2 LINSTL14

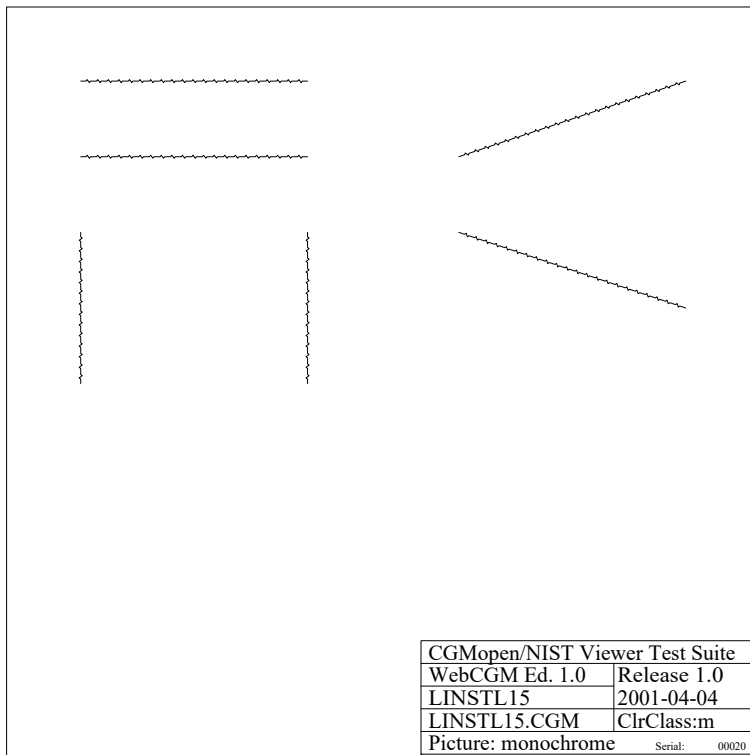


LINSTL14-PNG

Fig 175, Sheet 2 of 2 LINSTL14

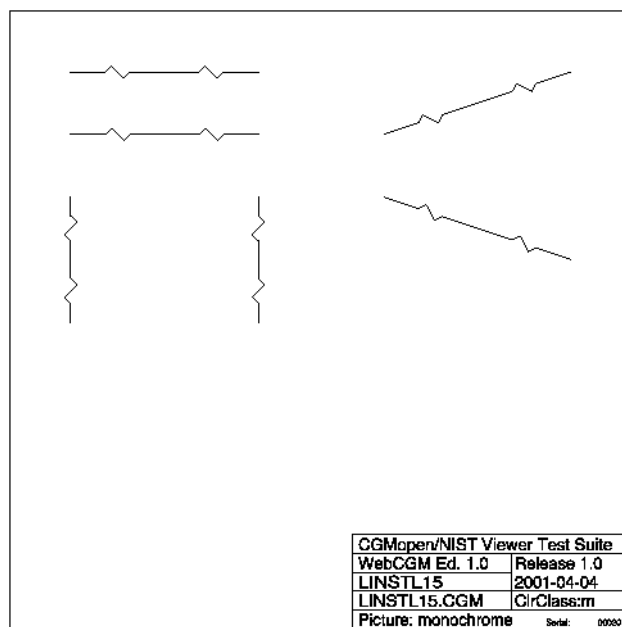
Produced by Docuneering Ltd.

1.17.18 LINSTL15



LINSTL15-CGM

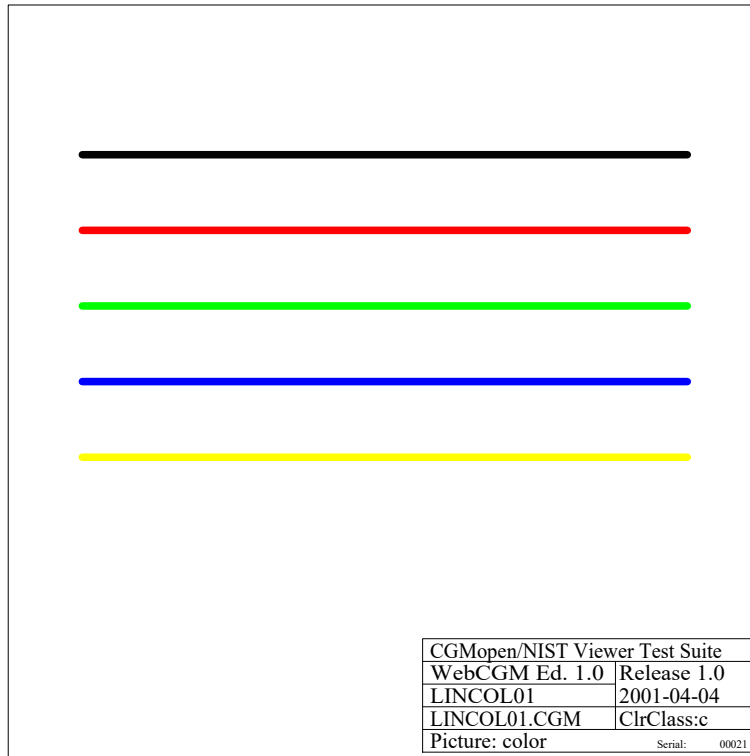
Fig 176, Sheet 1 of 2 LINSTL15



LINSTL15-PNG

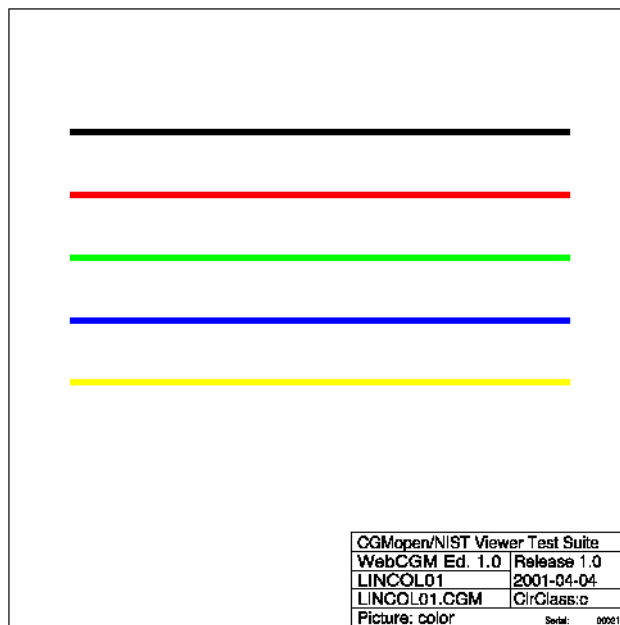
Fig 176, Sheet 2 of 2 LINSTL15

1.17.19 LINC0L01



LINC0L01-CGM

Fig 177, Sheet 1 of 2 LINC0L01

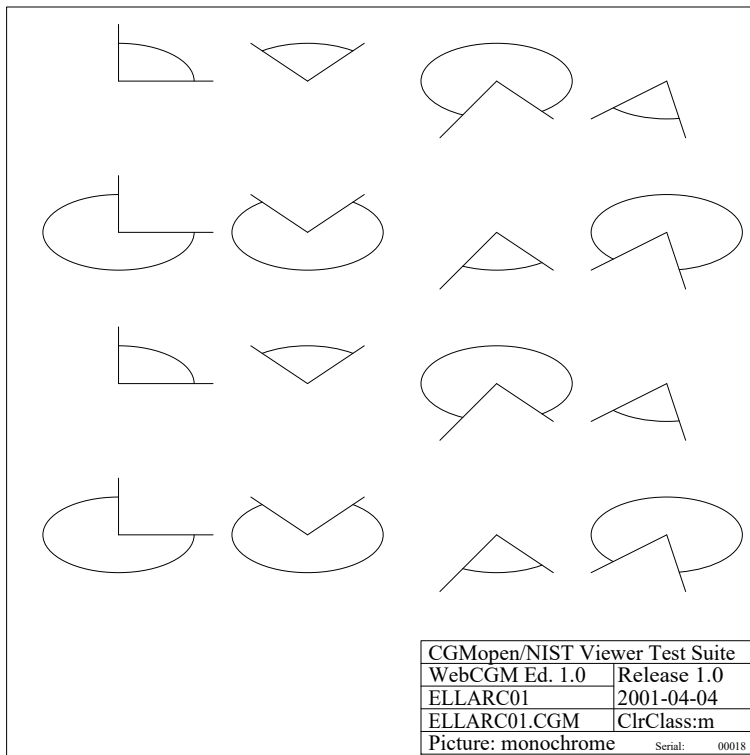


LINC0L01-PNG

Fig 177, Sheet 2 of 2 LINC0L01

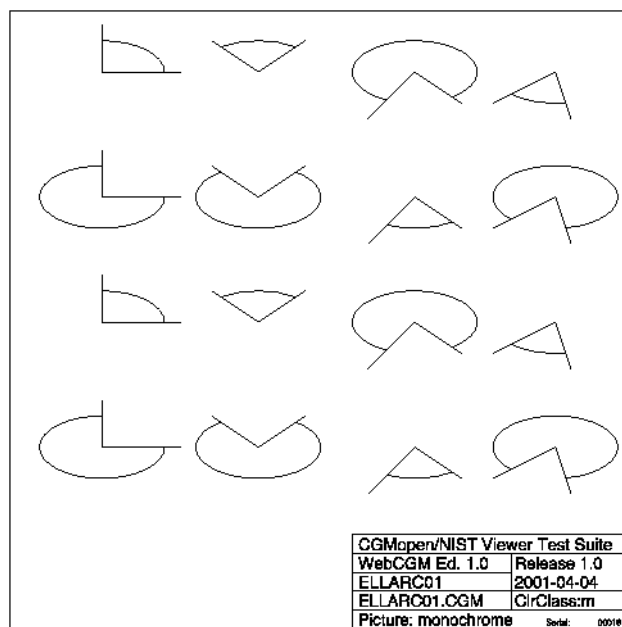
Produced by Docuneering Ltd.

1.17.20 ELLARC01



ELLARC01-CGM

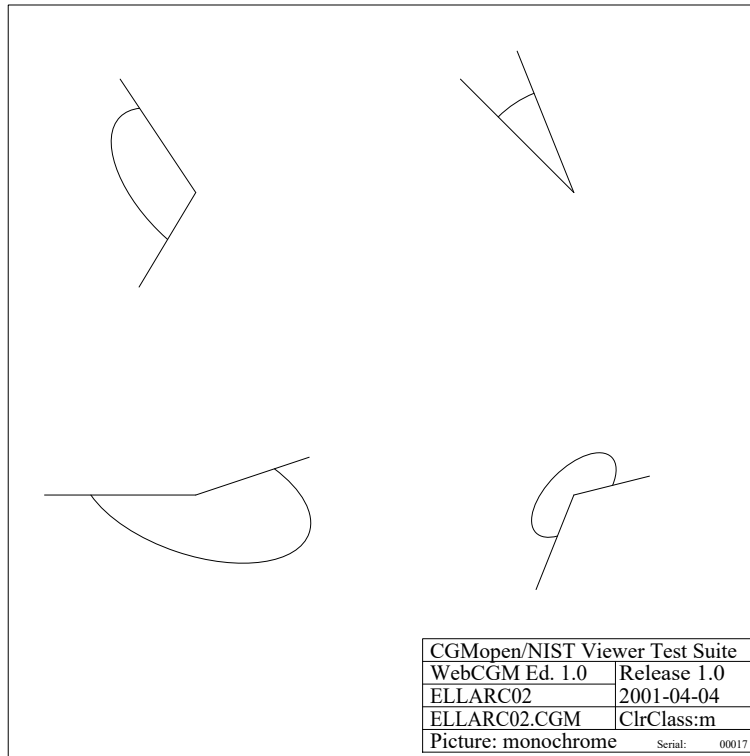
Fig 178, Sheet 1 of 2 ELLARC01



ELLARC01-PNG

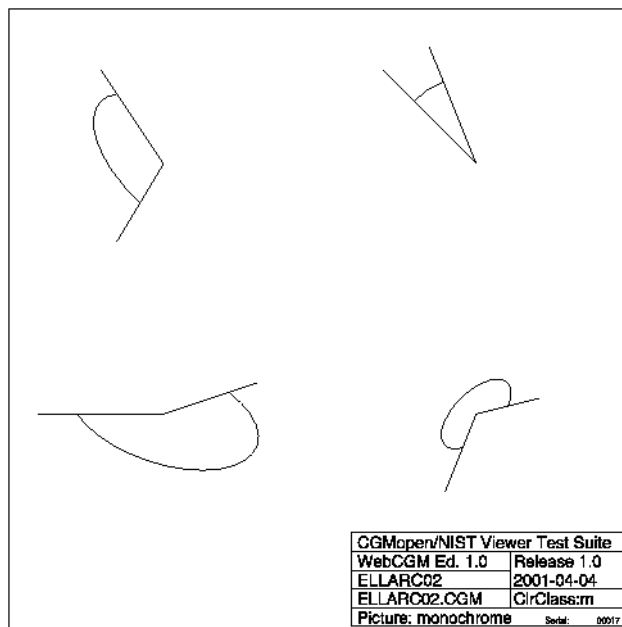
Fig 178, Sheet 2 of 2 ELLARC01

1.17.21 ELLARC02



ELLARC02-CGM

Fig 179, Sheet 1 of 2 ELLARC02

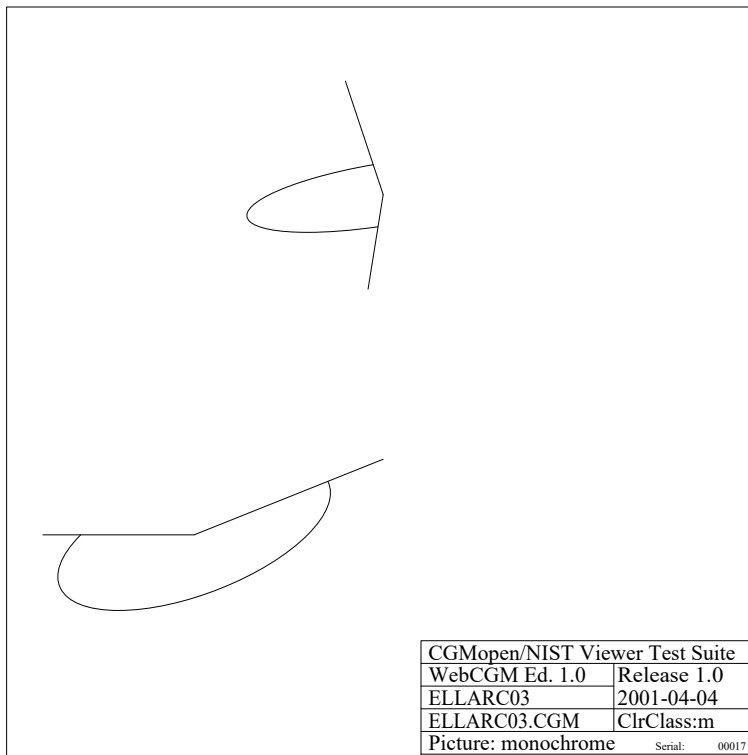


ELLARC02-PNG

Fig 179, Sheet 2 of 2 ELLARC02

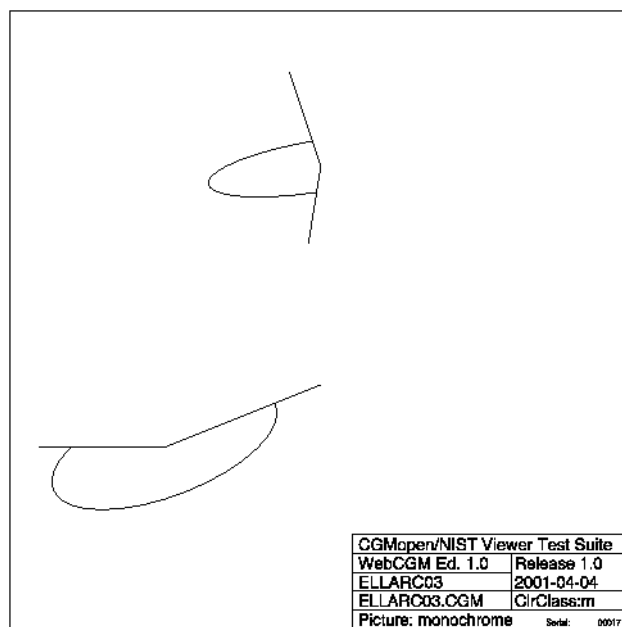
Produced by Docuneering Ltd.

1.17.22 ELLARC03



ELLARC03-CGM

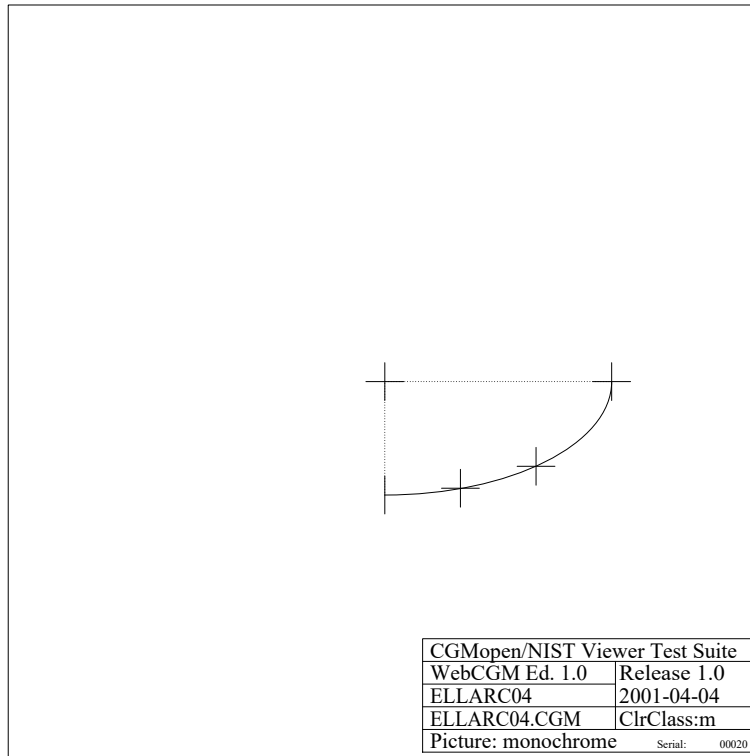
Fig 180, Sheet 1 of 2 ELLARC03



ELLARC03-PNG

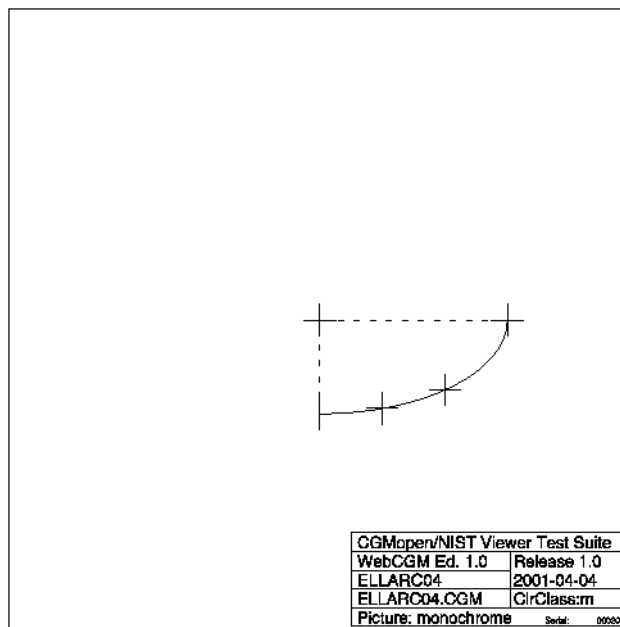
Fig 180, Sheet 2 of 2 ELLARC03

1.17.23 ELLARC04



ELLARC04-CGM

Fig 181, Sheet 1 of 2 ELLARC04

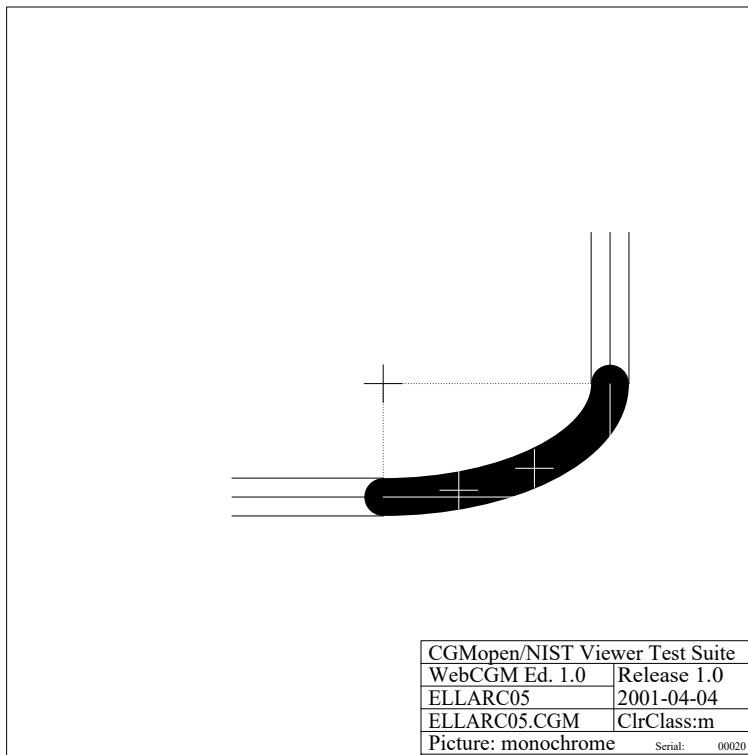


ELLARC04-PNG

Fig 181, Sheet 2 of 2 ELLARC04

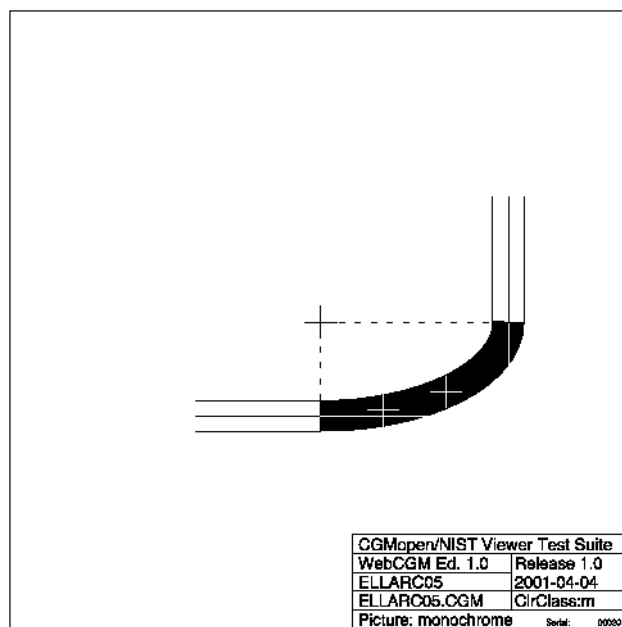
Produced by Docuneering Ltd.

1.17.24 ELLARC05



ELLARC05-CGM

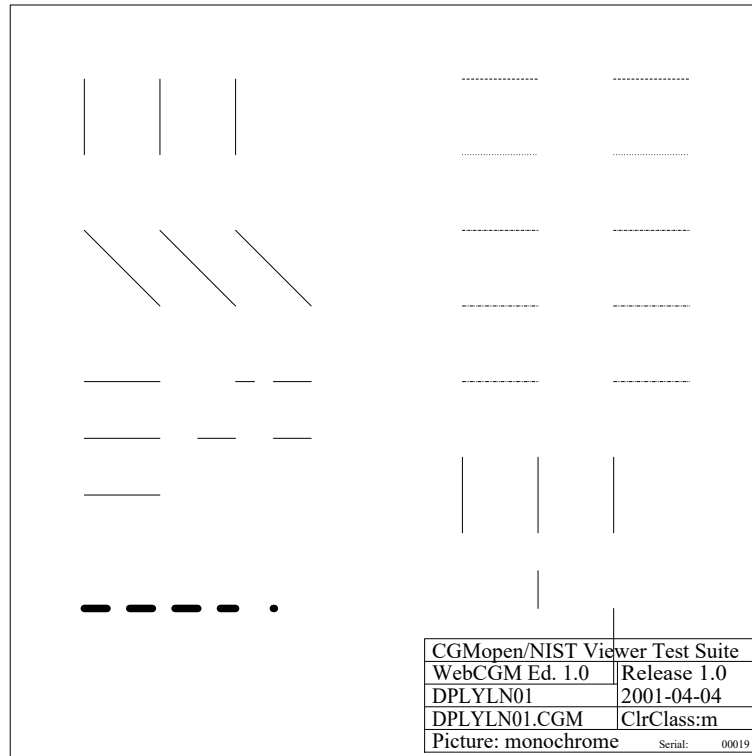
Fig 182, Sheet 1 of 2 ELLARC05



ELLARC05-PNG

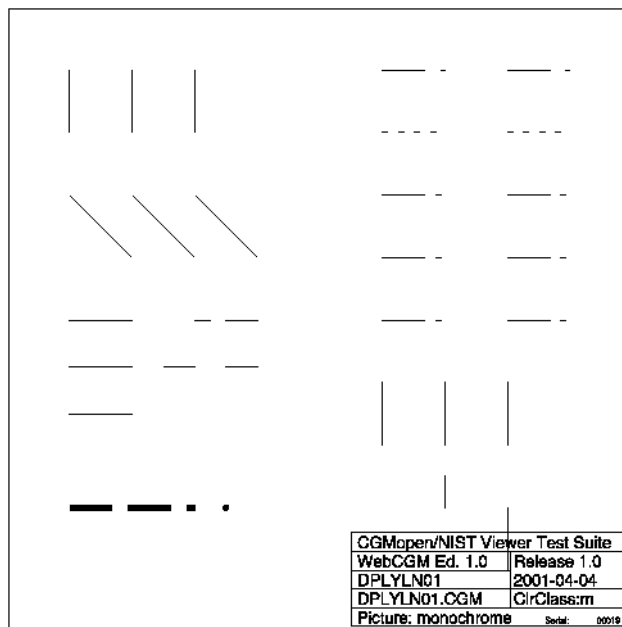
Fig 182, Sheet 2 of 2 ELLARC05

1.17.25 DPLYLN01



DPLYLN01-CGM

Fig 183, Sheet 1 of 2 DPLYLN01

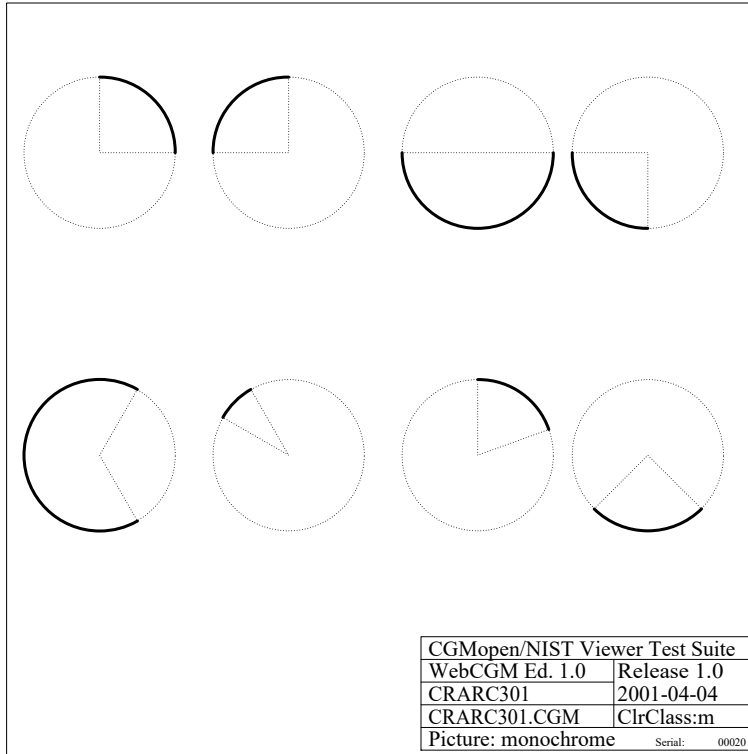


DPLYLN01-PNG

Fig 183, Sheet 2 of 2 DPLYLN01

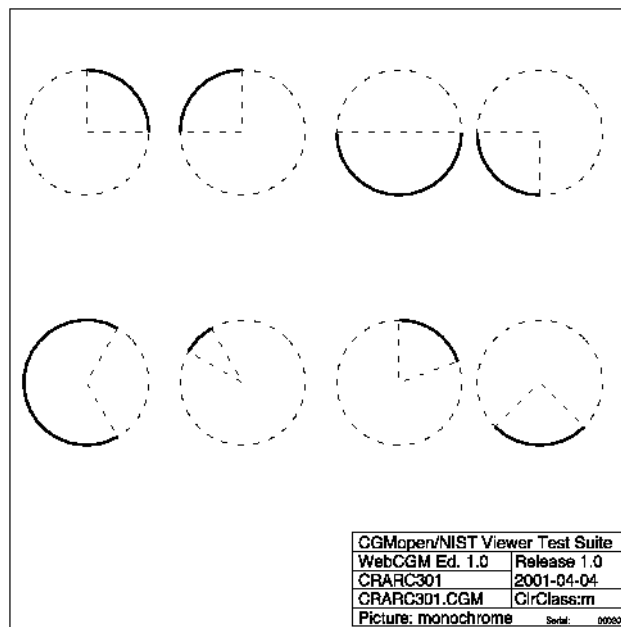
Produced by Docuneering Ltd.

1.17.26 CRARC301



CRARC301-CGM

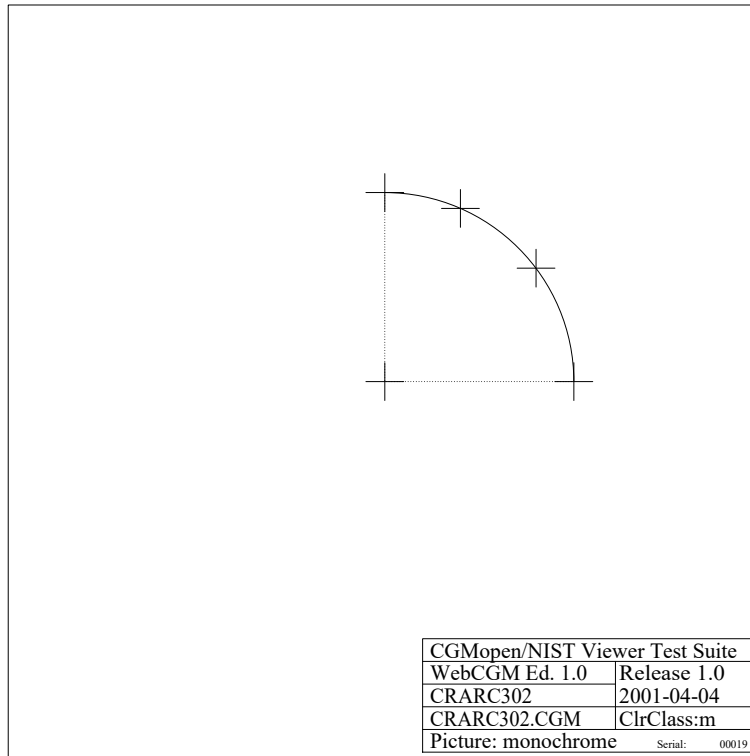
Fig 184, Sheet 1 of 2 CRARC301



CRARC301-PNG

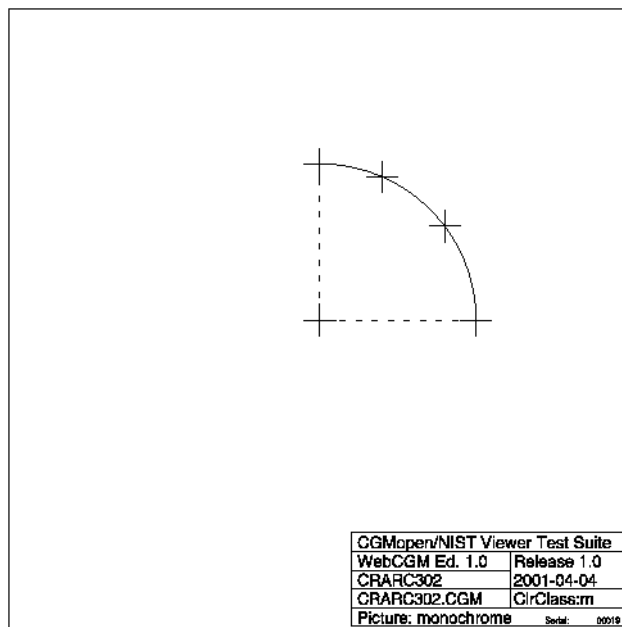
Fig 184, Sheet 2 of 2 CRARC301

1.17.27 CRARC302



CRARC302-CGM

Fig 185, Sheet 1 of 2 CRARC302

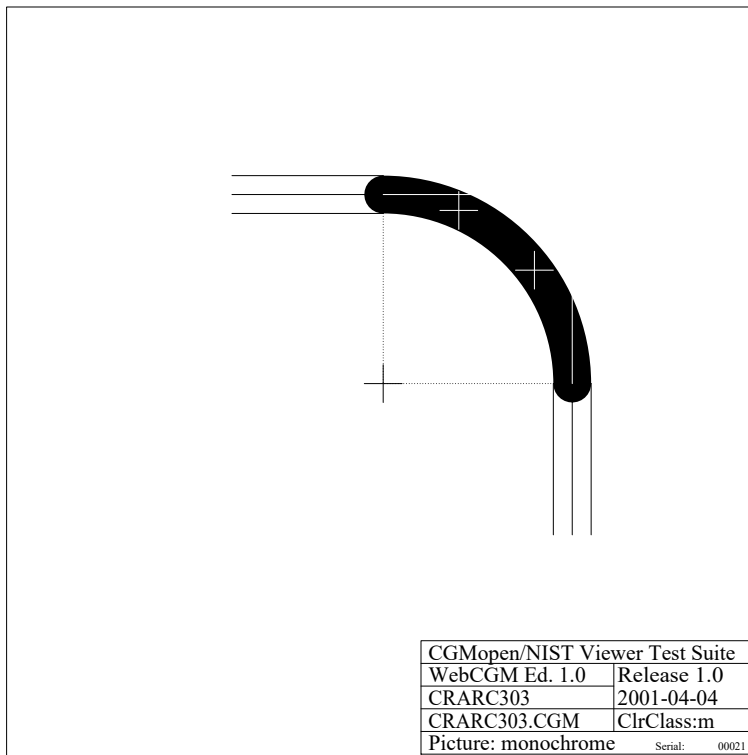


CRARC302-PNG

Fig 185, Sheet 2 of 2 CRARC302

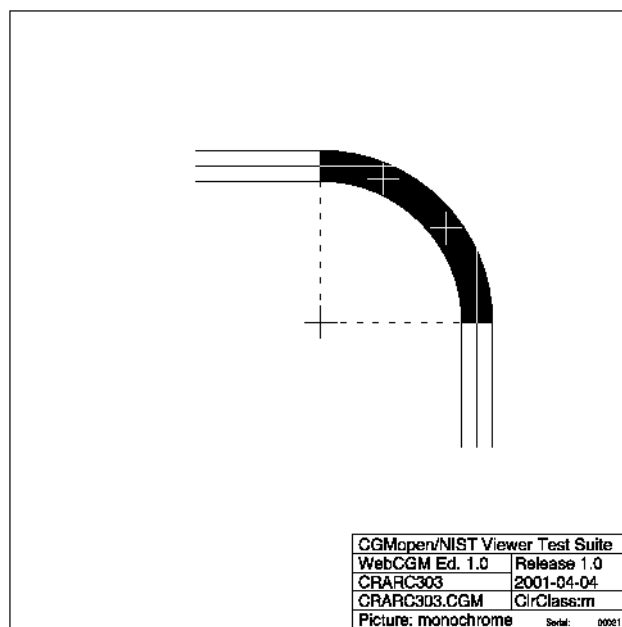
Produced by Docuengineering Ltd.

1.17.28 CRARC303



CRARC303-CGM

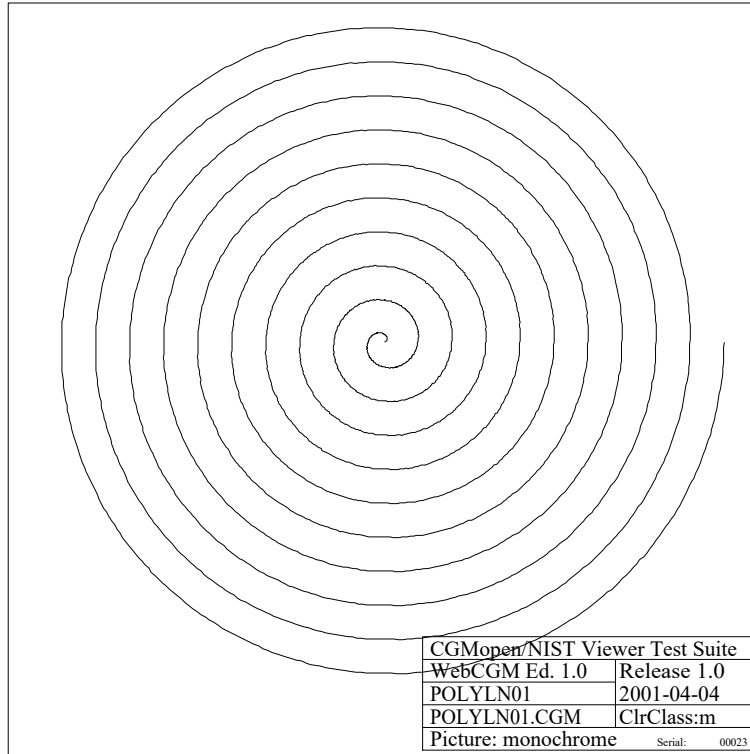
Fig 186, Sheet 1 of 2 CRARC303



CRARC303-PNG

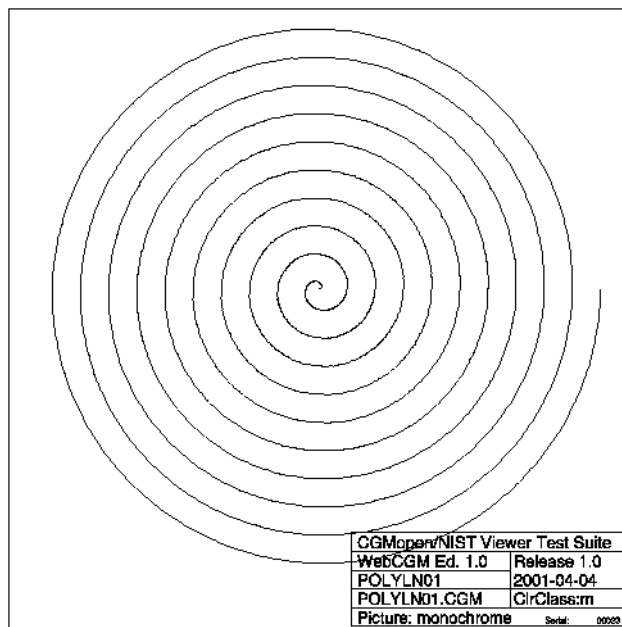
Fig 186, Sheet 2 of 2 CRARC303

1.17.29 POLYLN01



POLYLN01-CGM

Fig 187, Sheet 1 of 2 POLYLN01

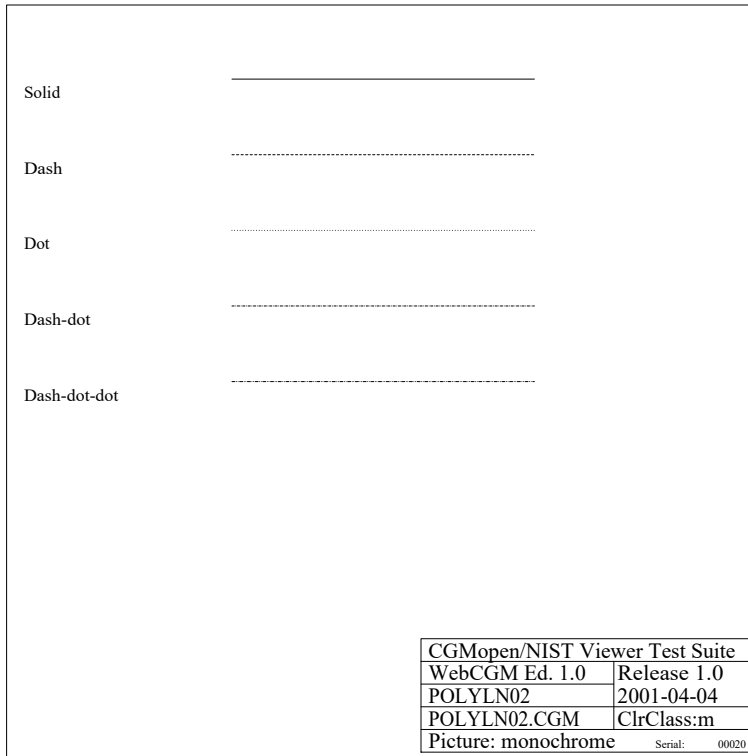


POLYLN01-PNG

Fig 187, Sheet 2 of 2 POLYLN01

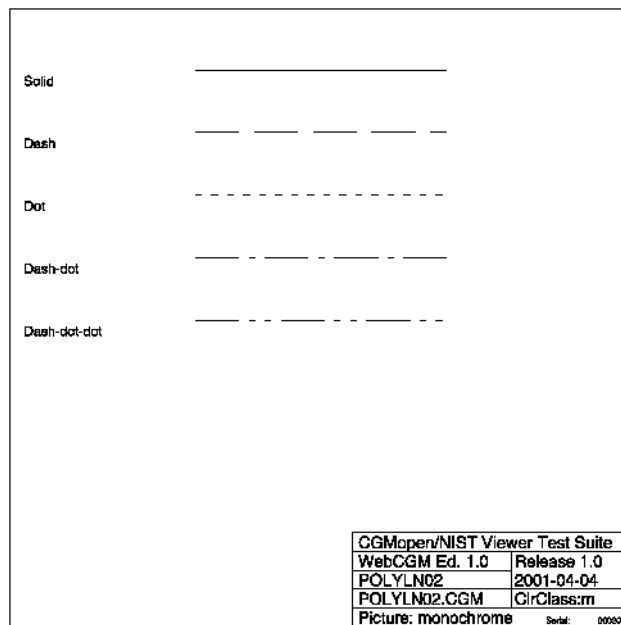
Produced by Docuneering Ltd.

1.17.30 POLYLN02



POLYLN02-CGM

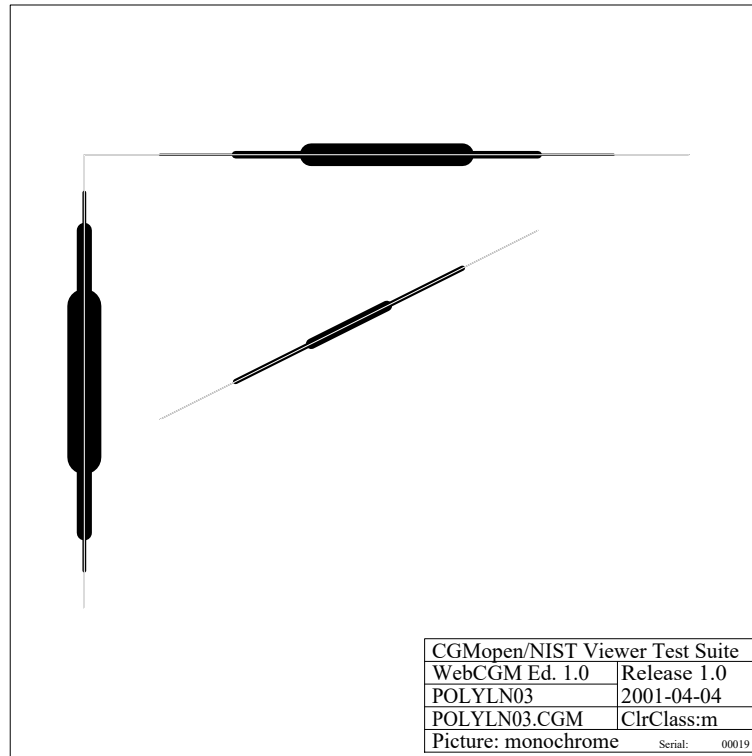
Fig 188, Sheet 1 of 2 POLYLN02



POLYLN02-PNG

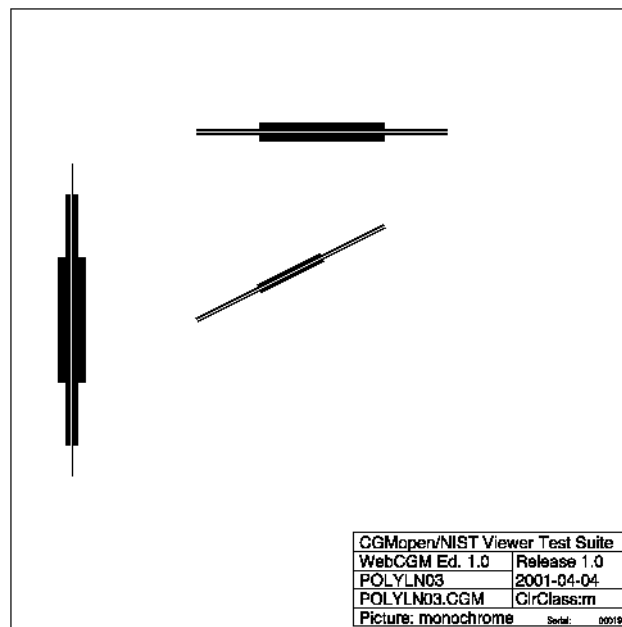
Fig 188, Sheet 2 of 2 POLYLN02

1.17.31 POLYLN03



POLYLN03-CGM

Fig 189, Sheet 1 of 2 POLYLN03

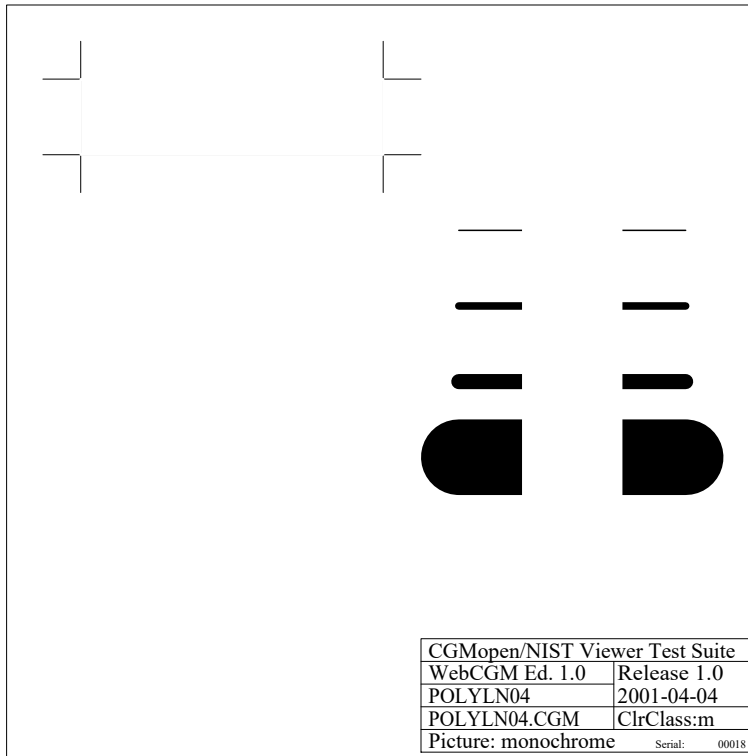


POLYLN03-PNG

Fig 189, Sheet 2 of 2 POLYLN03

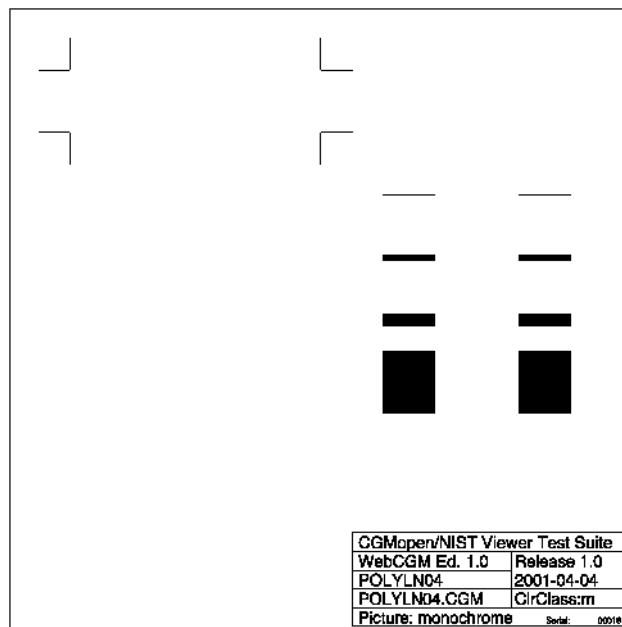
Produced by Docuneering Ltd.

1.17.32 POLYLN04



POLYLN04-CGM

Fig 190, Sheet 1 of 2 POLYLN04

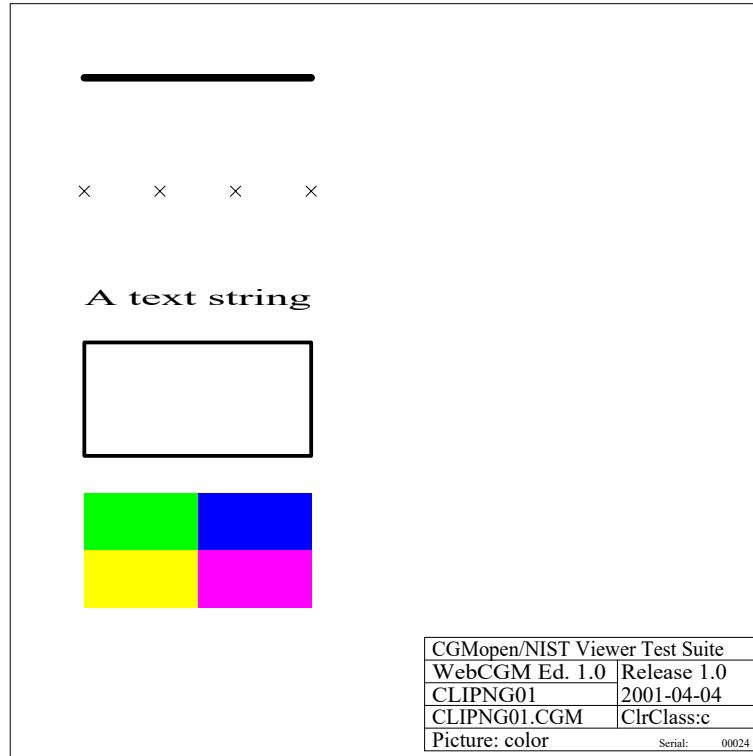


POLYLN04-PNG

Fig 190, Sheet 2 of 2 POLYLN04

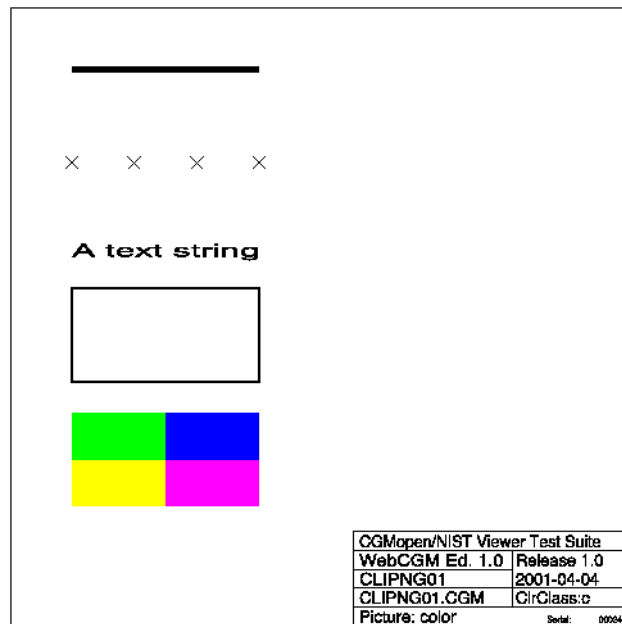
1.18 Clipping

1.18.1 CLIPNG01



CLIPNG01-CGM

Fig 191, Sheet 1 of 2 CLIPNG01

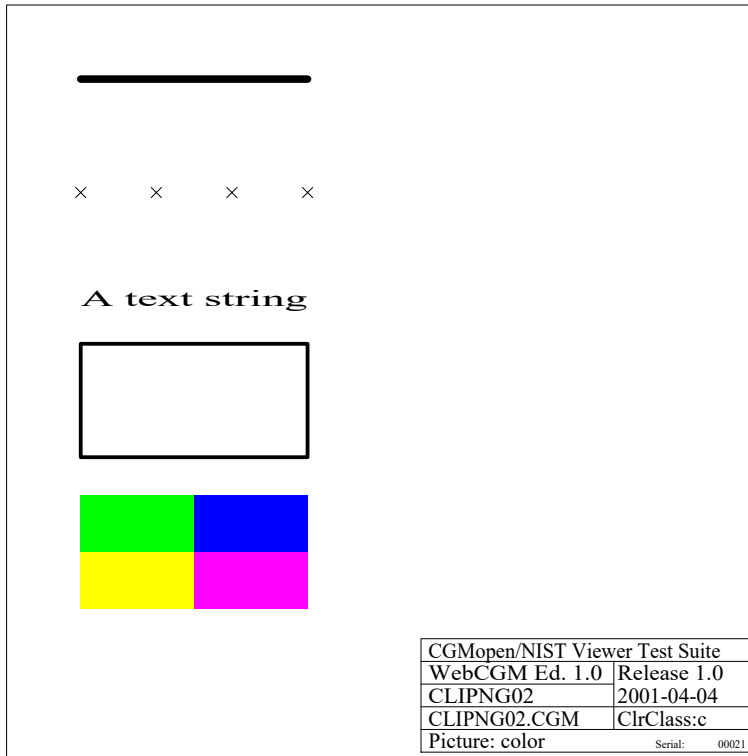


CLIPNG01-PNG

Fig 191, Sheet 2 of 2 CLIPNG01

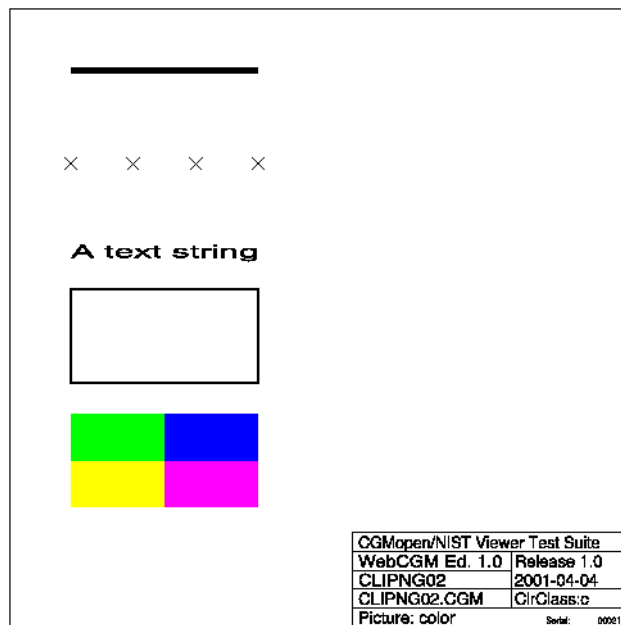
Produced by Docuneering Ltd.

1.18.2 CLIPNG02



CLIPNG02-CGM

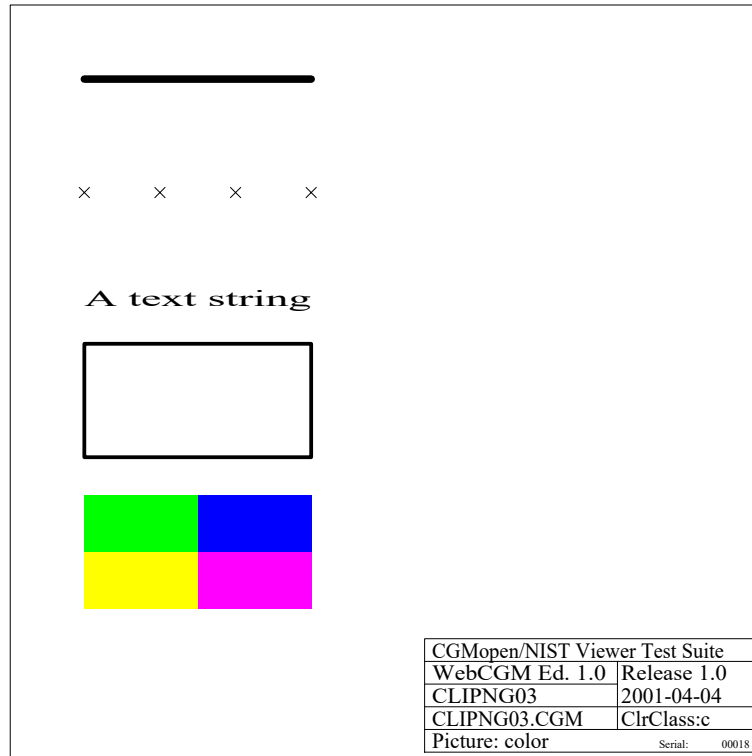
Fig 192, Sheet 1 of 2 CLIPNG02



CLIPNG02-PNG

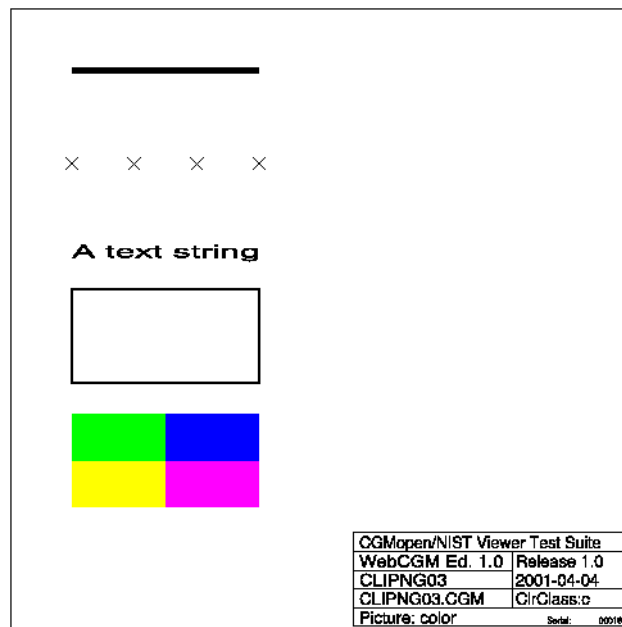
Fig 192, Sheet 2 of 2 CLIPNG02

1.18.3 CLIPNG03



CLIPNG03-CGM

Fig 193, Sheet 1 of 2 CLIPNG03

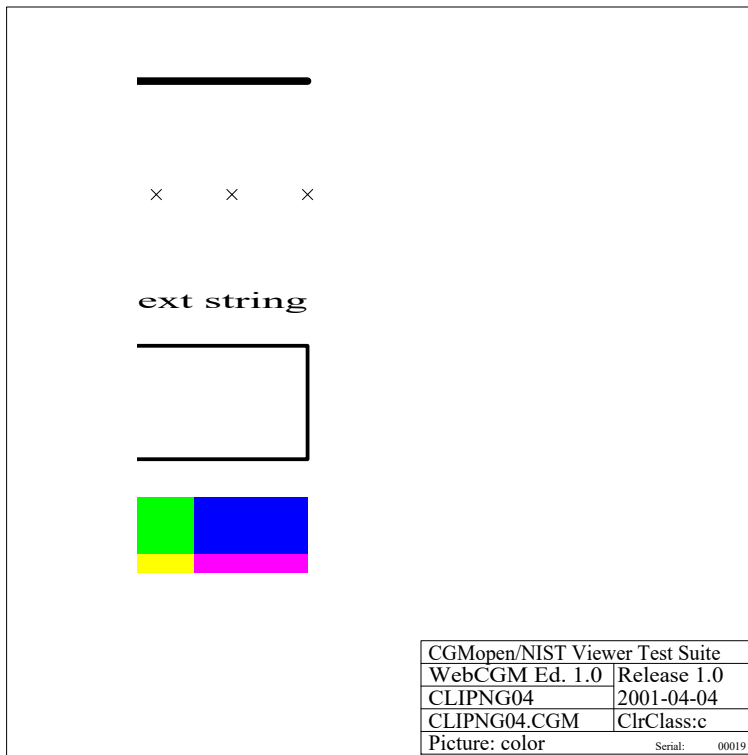


CLIPNG03-PNG

Fig 193, Sheet 2 of 2 CLIPNG03

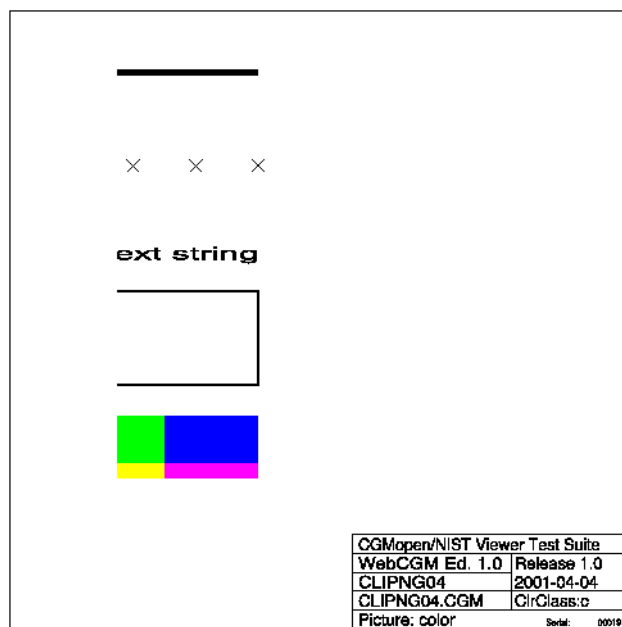
Produced by Docuneering Ltd.

1.18.4 CLIPNG04



CLIPNG04-CGM

Fig 194, Sheet 1 of 2 CLIPNG04

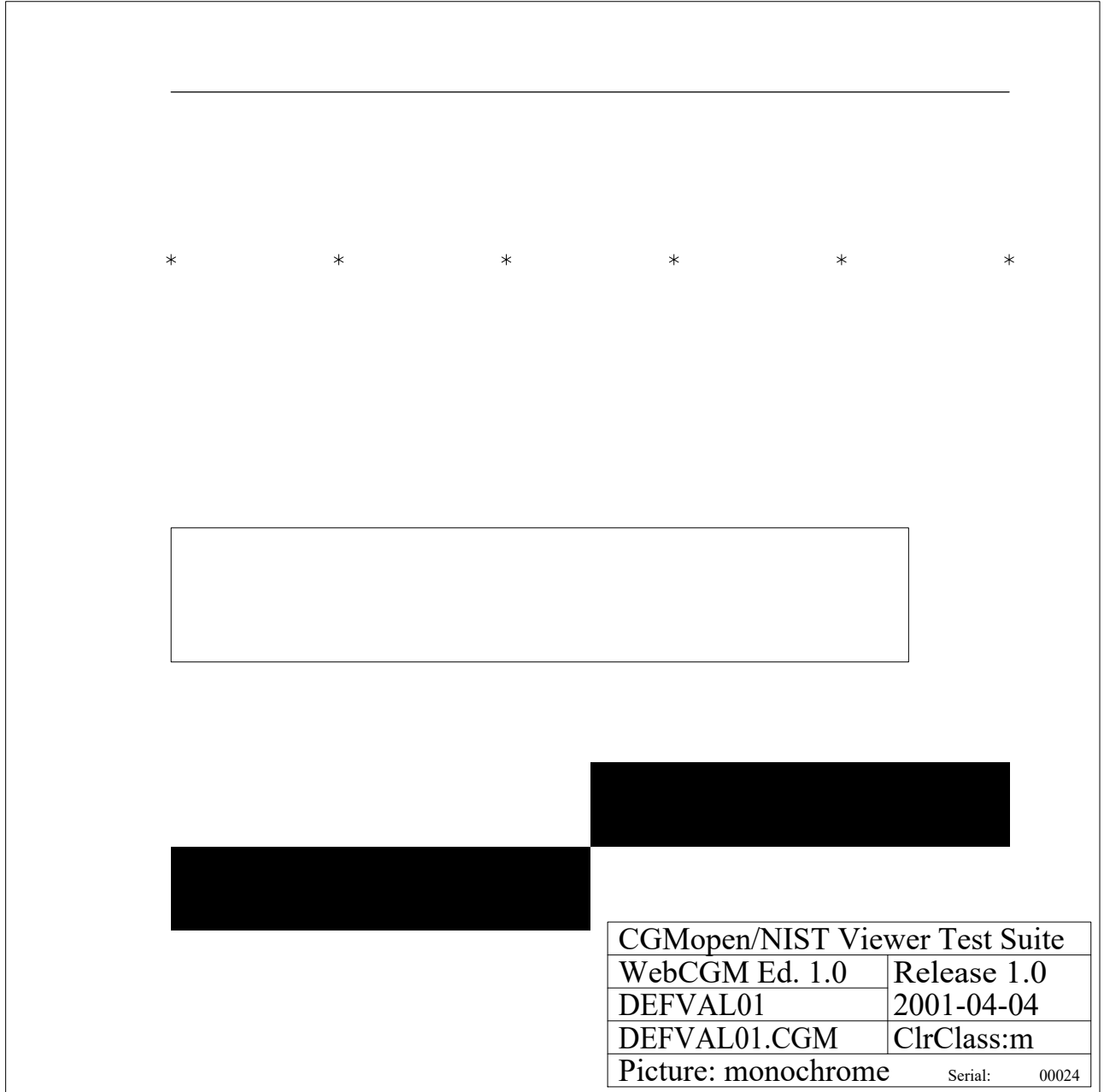


CLIPNG04-PNG

Fig 194, Sheet 2 of 2 CLIPNG04

1.19 Defaults

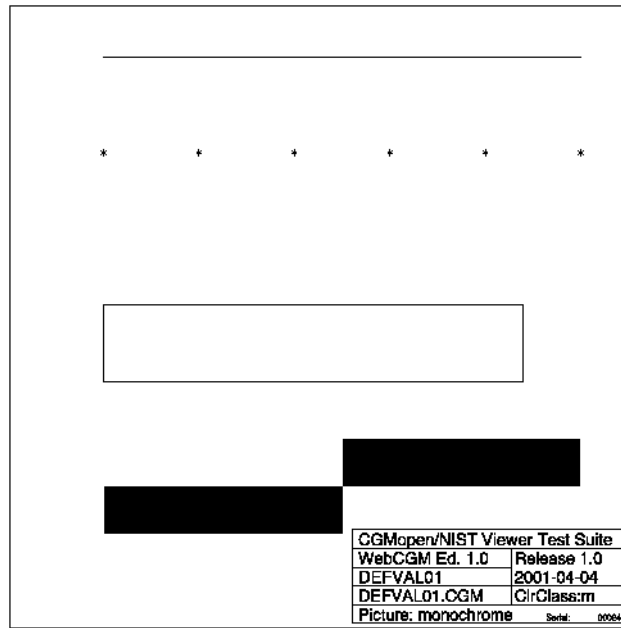
1.19.1 DEFVAL01



DEFVAL01-CGM

Fig 195, Sheet 1 of 2 DEFVAL01

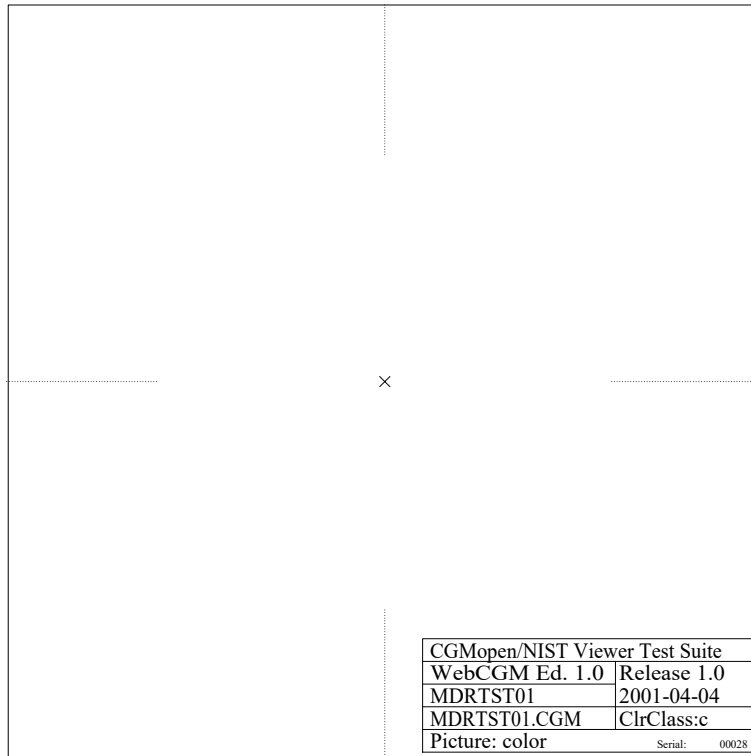
Produced by Docuneering Ltd.



DEFVAL01-PNG

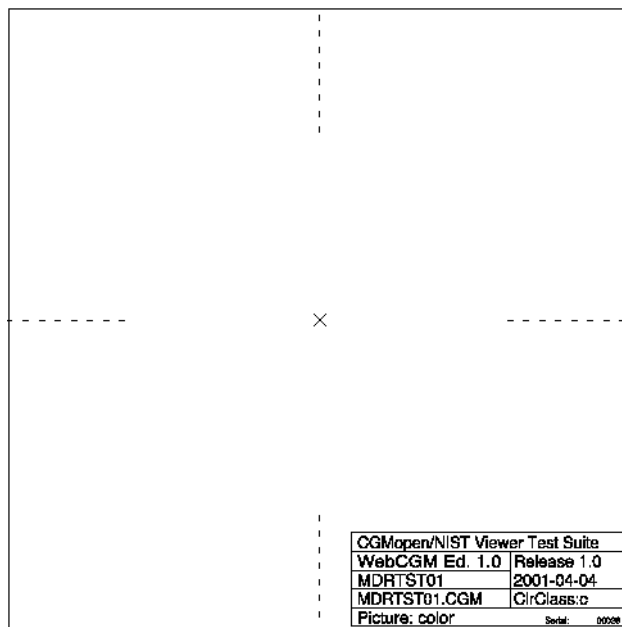
Fig 195, Sheet 2 of 2 DEFVAL01

1.19.2 MDRTST01



MDRTST01-CGM

Fig 196, Sheet 1 of 2 MDRTST01

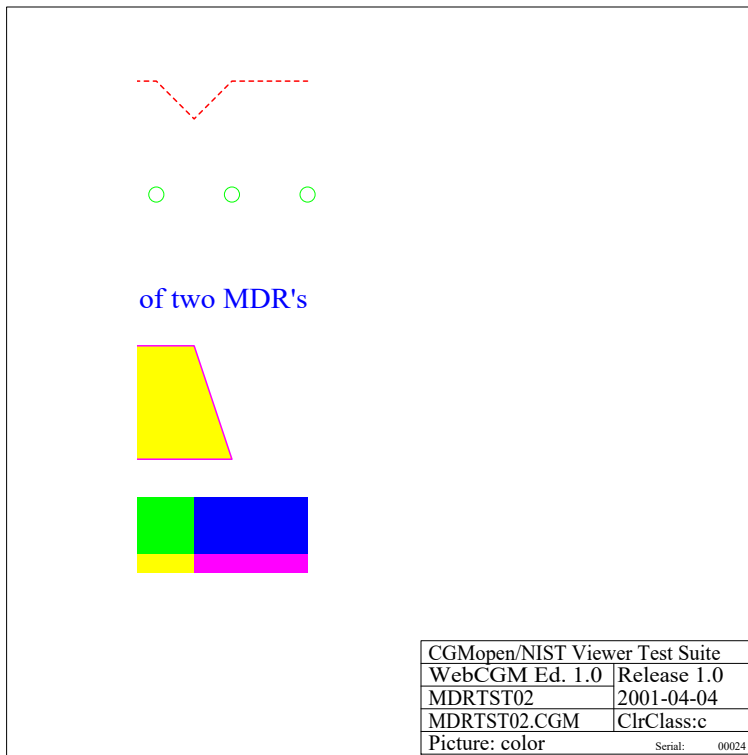


MDRTST01-PNG

Fig 196, Sheet 2 of 2 MDRTST01

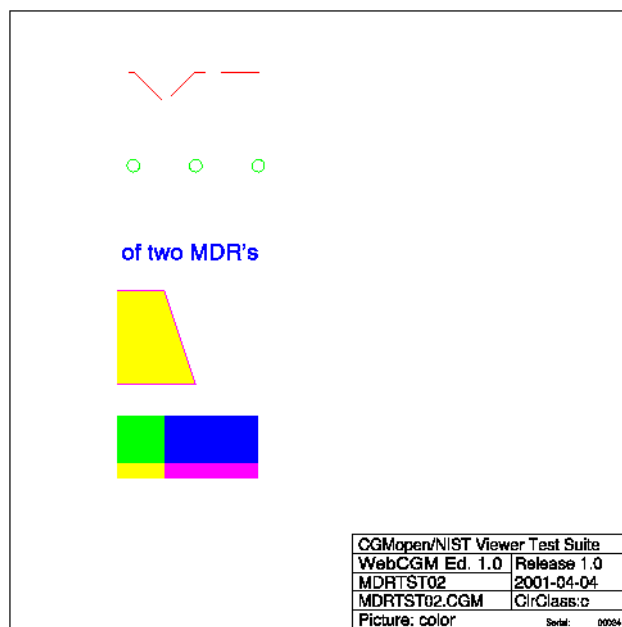
Produced by Docuneering Ltd.

1.19.3 MDRTST02



MDRTST02-CGM

Fig 197, Sheet 1 of 2 MDRTST02



MDRTST02-PNG

Fig 197, Sheet 2 of 2 MDRTST02

1.20 Empty Pictures

1.20.1 EMTPCT01

Fig 198, Sheet 1 of 2 EMTPCT01

EMTPCT01-CGM

Fig 198, Sheet 2 of 2 EMTPCT01

EMTPCT01-PNG

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

1.20.2 EMTPT02

EMTPT02-CGM

Fig 199, Sheet 1 of 2 EMTPT02

EMTPT02-PNG

Fig 199, Sheet 2 of 2 EMTPT02

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

2 WebCGM10 - CGM Version 2

2.1 Begin/End Figure Element

2.1.1 FIGURE01

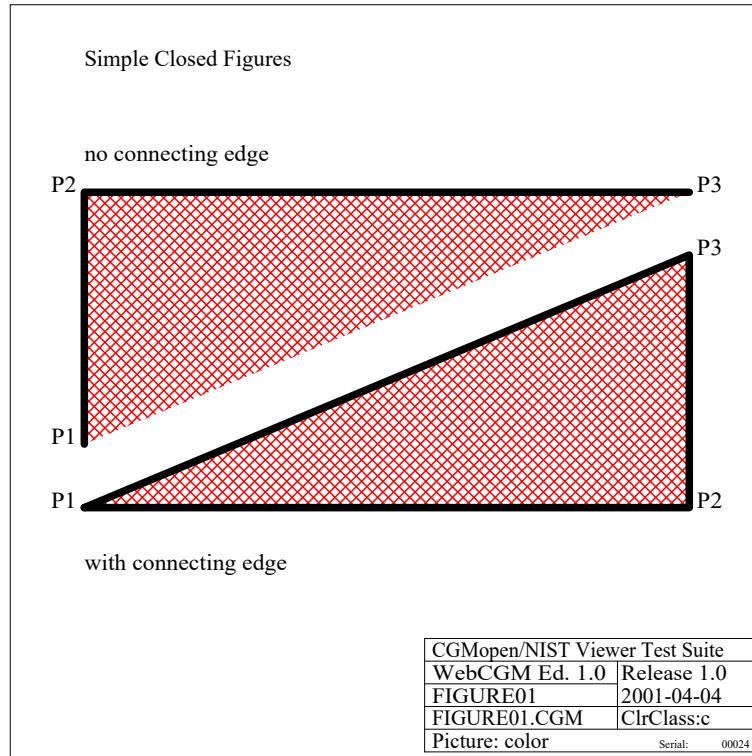


Fig 200, Sheet 1 of 2 FIGURE01

FIGURE01-CGM

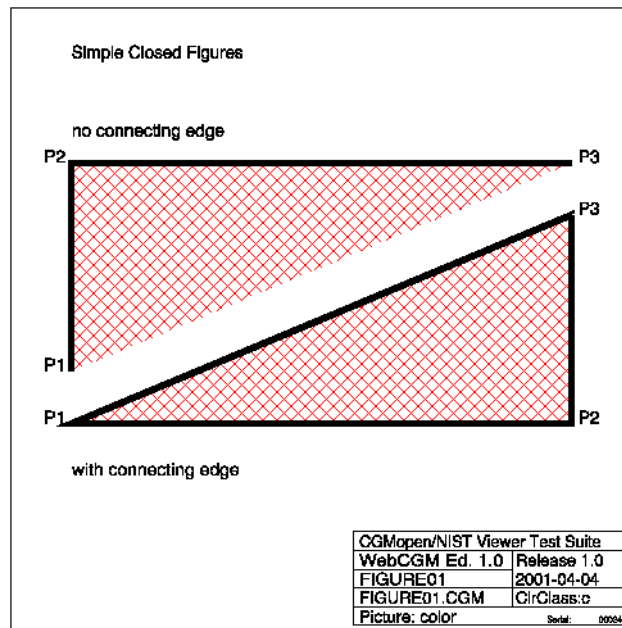


FIGURE01-PNG

Fig 200, Sheet 2 of 2 FIGURE01

2.1.2 FIGURE02

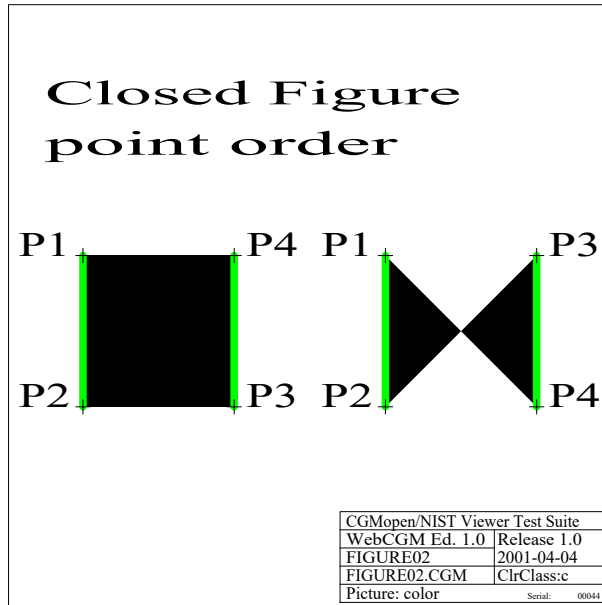


FIGURE02-CGM

Fig 201, Sheet 1 of 2 FIGURE02

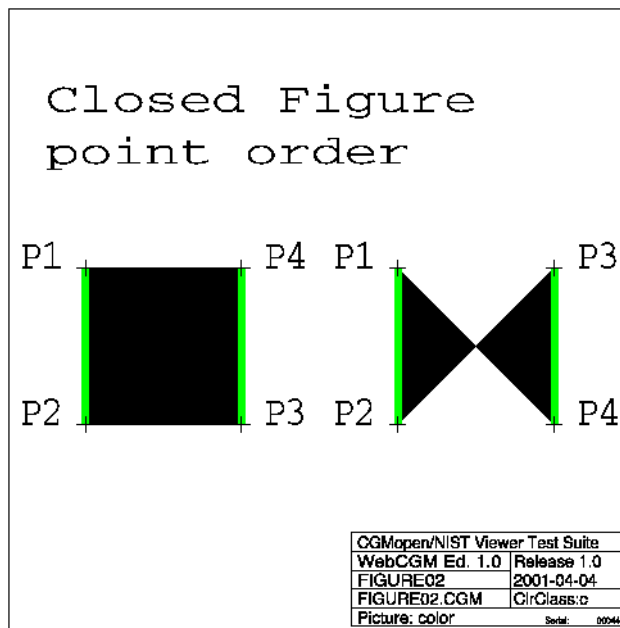


FIGURE02-PNG

Fig 201, Sheet 2 of 2 FIGURE02

Produced by Docuneering Ltd.

2.1.3 FIGURE03

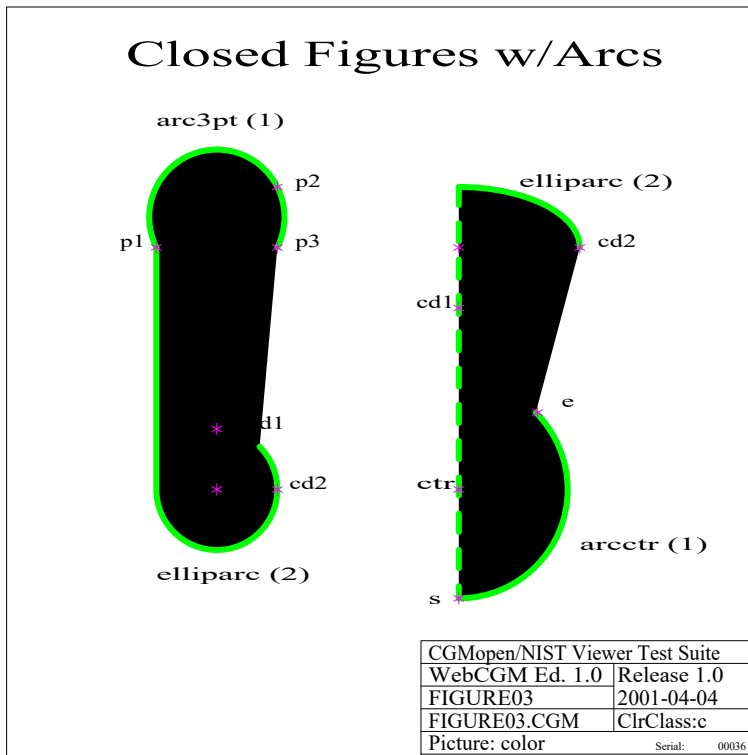


FIGURE03-CGM

Fig 202, Sheet 1 of 2 FIGURE03

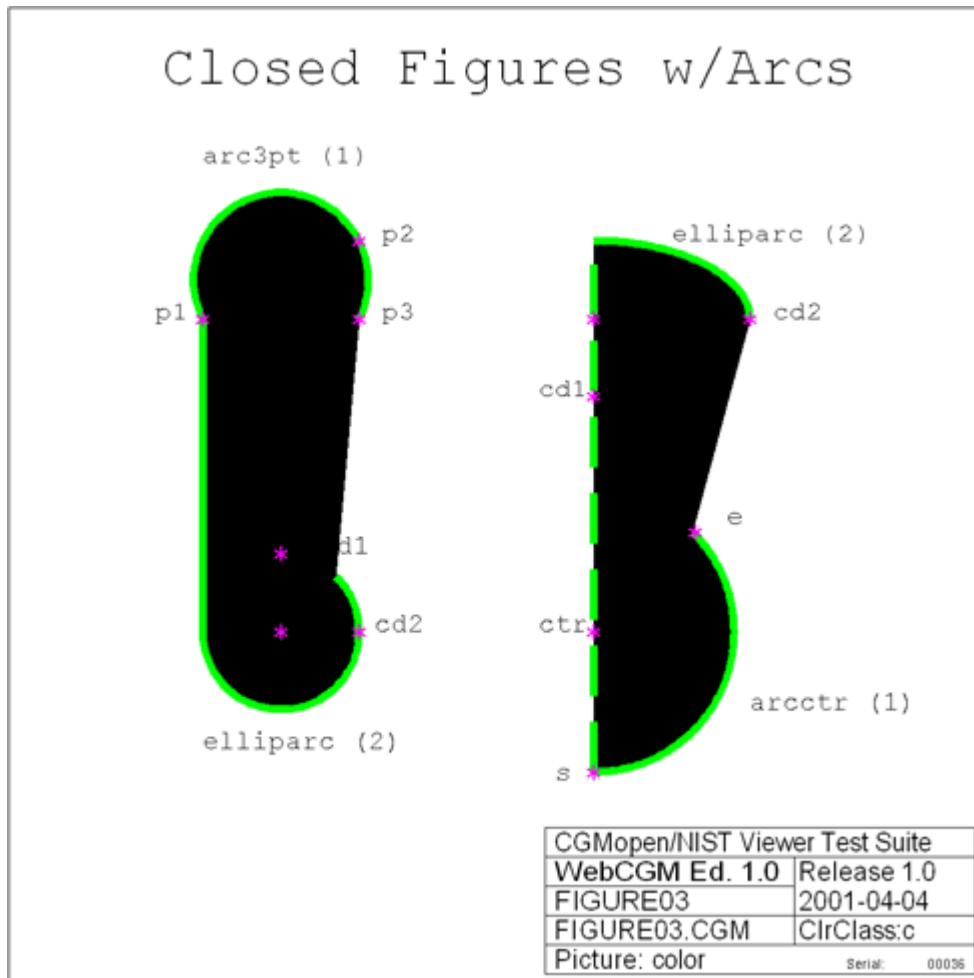


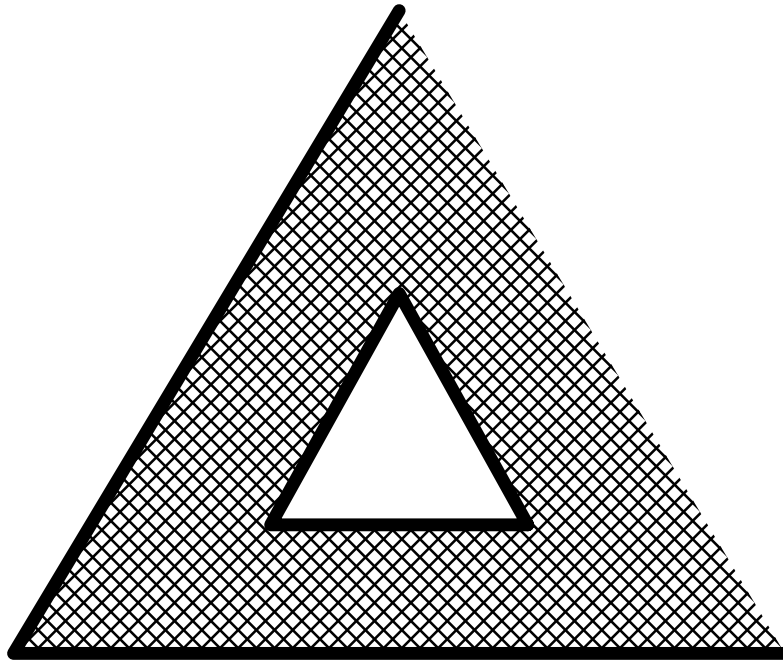
FIGURE03-PNG

Fig 202, Sheet 2 of 2 FIGURE03

Produced by Docuneering Ltd.

2.1.4 FIGURE04

Closed Figure w/New Region



CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
FIGURE04	2001-04-04
FIGURE04.CGM	ClrClass:m
Picture: monochrome	Serial: 00027

FIGURE04-CGM

Fig 203, Sheet 1 of 2 FIGURE04

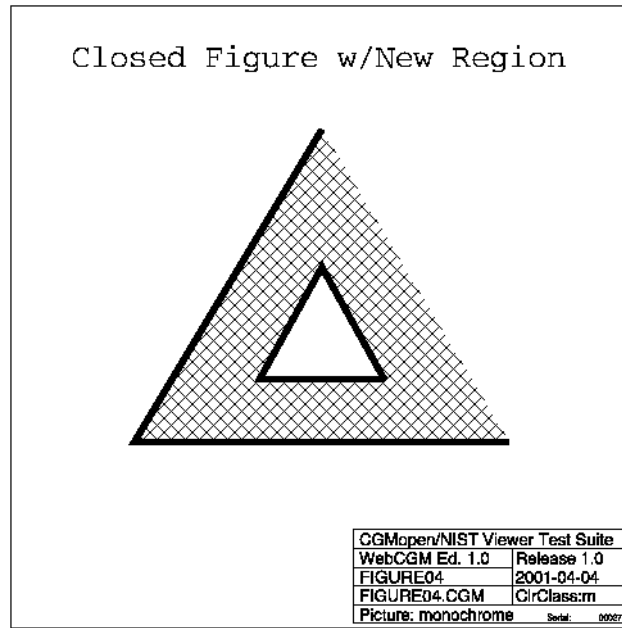
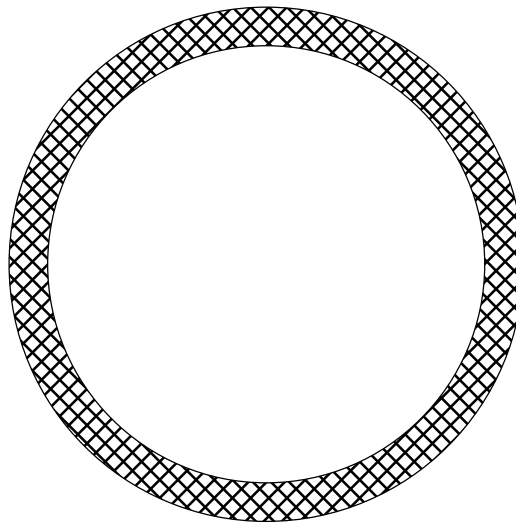


FIGURE04-PNG

Fig 203, Sheet 2 of 2 FIGURE04

2.1.5 FIGURE05

Arc Closed Figure w/New Region



CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
FIGURE05	2001-04-04
FIGURE05.CGM	ClrClass:m
Picture: monochrome	Serial: 00027

FIGURE05-CGM

Fig 204, Sheet 1 of 2 FIGURE05

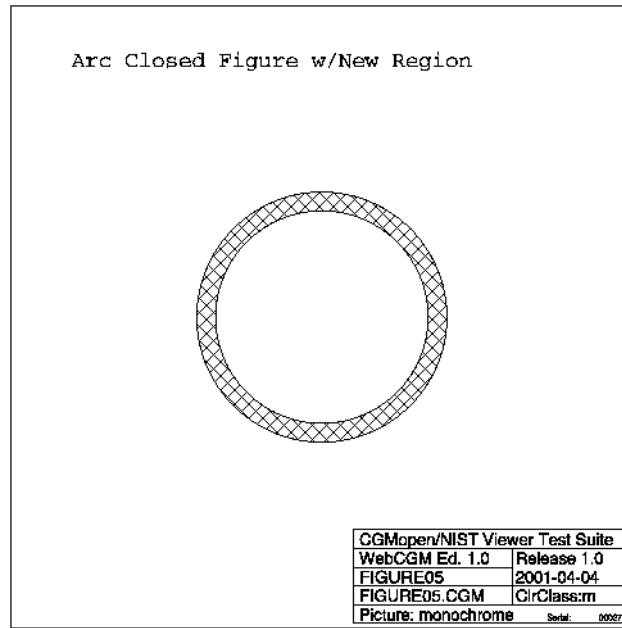


FIGURE05-PNG

Fig 204, Sheet 2 of 2 FIGURE05

Produced by Docuneering Ltd.

2.1.6 FIGURE06

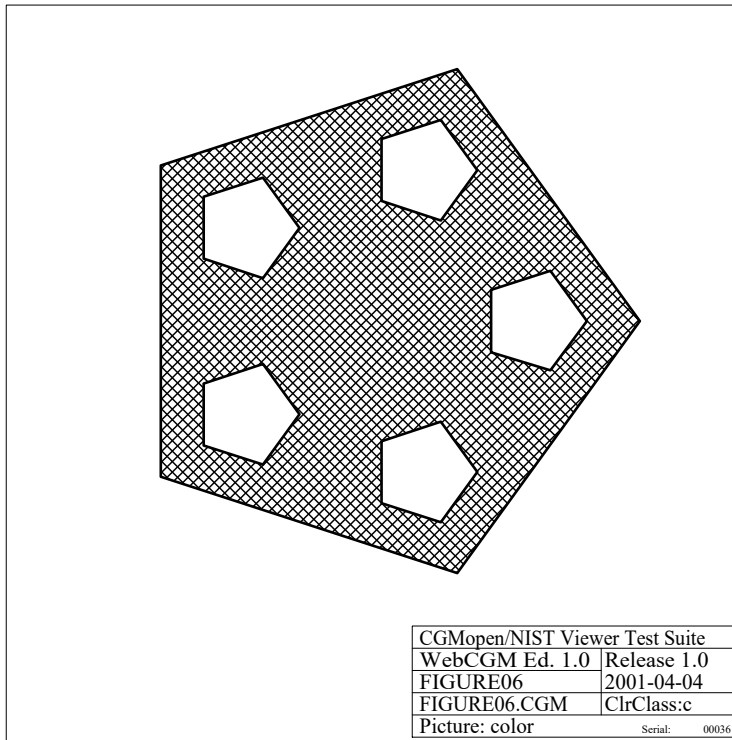


Fig 205, Sheet 1 of 2 FIGURE06

FIGURE06-CGM

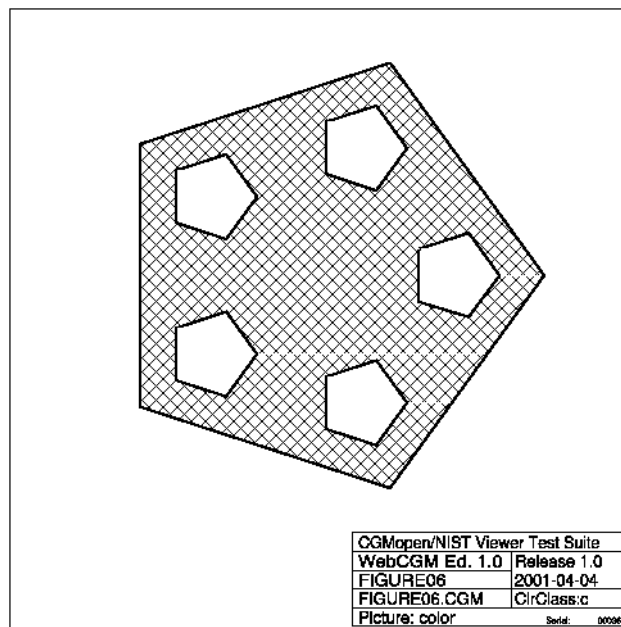


Fig 205, Sheet 2 of 2 FIGURE06

FIGURE06-PNG

2.1.7 FIGURE07

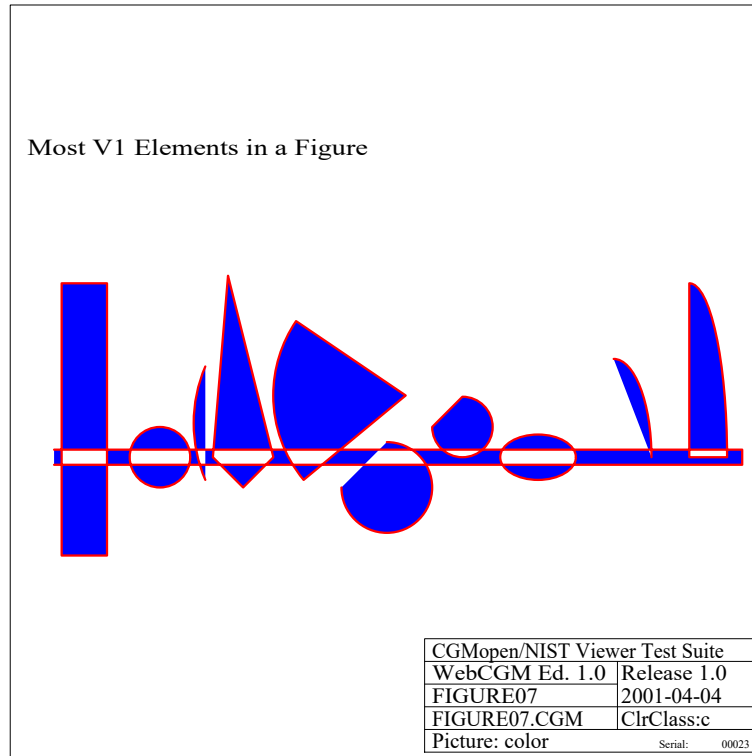


FIGURE07-CGM

Fig 206, Sheet 1 of 2 FIGURE07

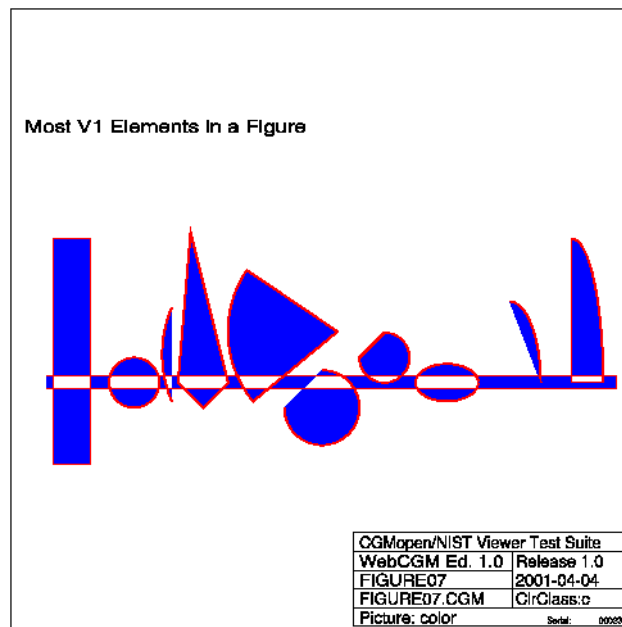


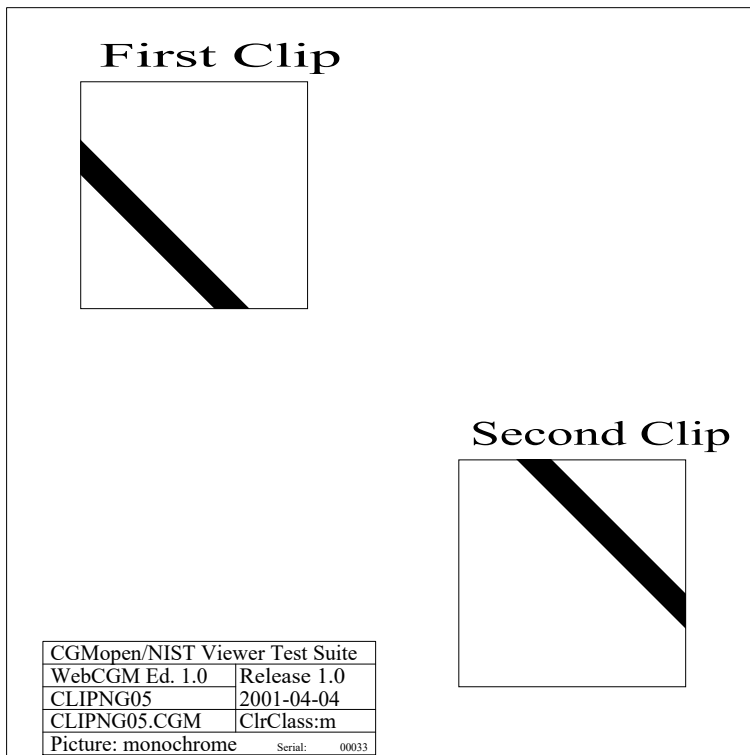
FIGURE07-PNG

Fig 206, Sheet 2 of 2 FIGURE07

Produced by Docuneering Ltd.

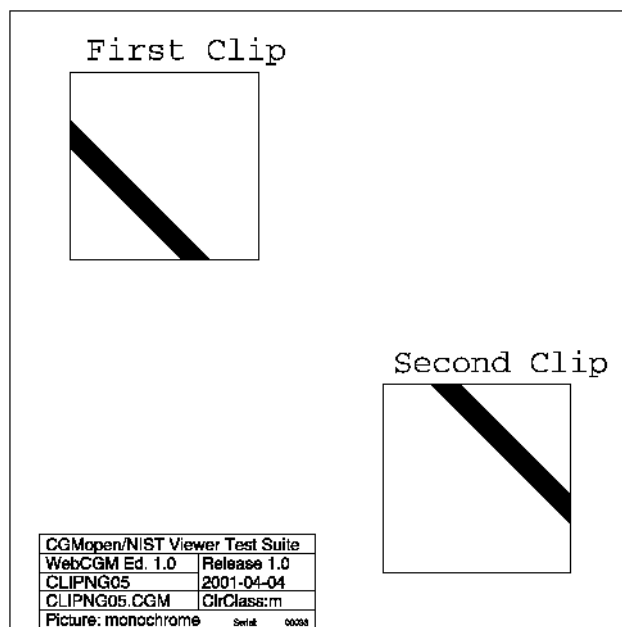
2.2 Clipping

2.2.1 CLIPNG05



CLIPNG05-CGM

Fig 207, Sheet 1 of 2 CLIPNG05

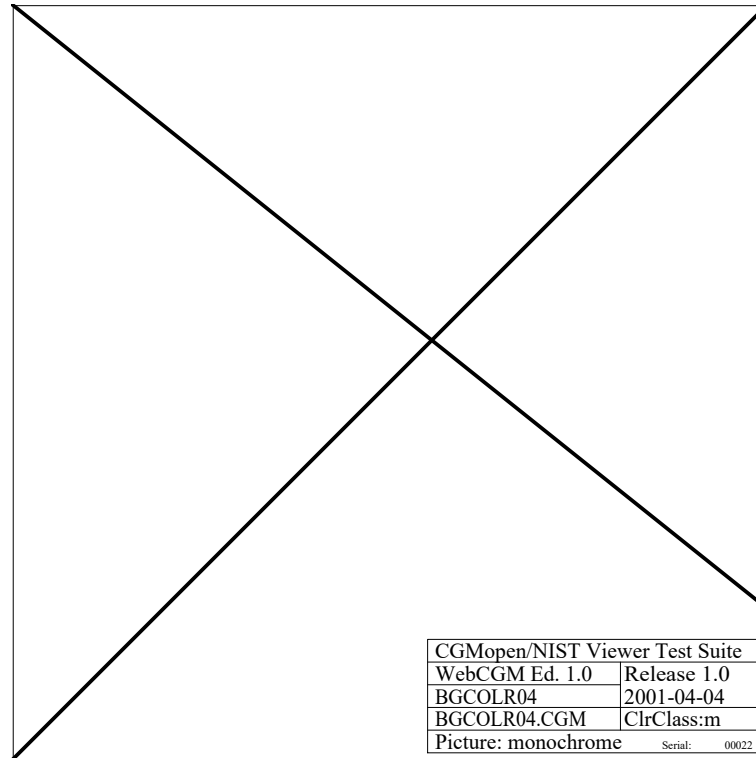


CLIPNG05-PNG

Fig 207, Sheet 2 of 2 CLIPNG05

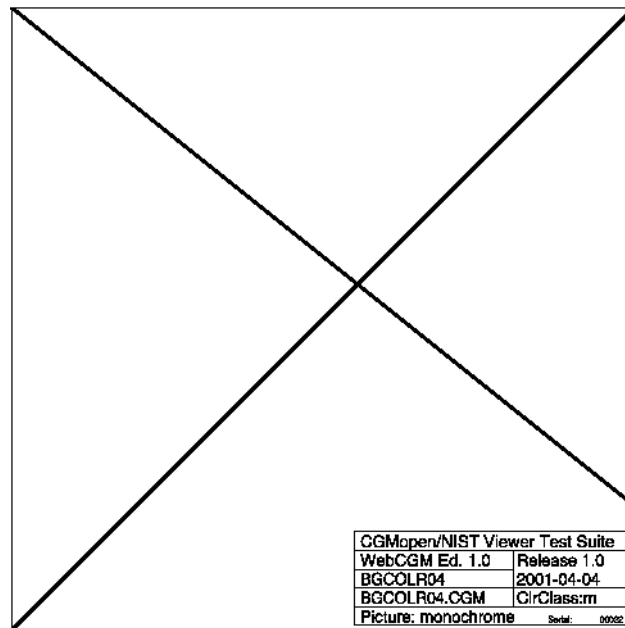
2.3 Colour

2.3.1 BGCOLOR04



BGCOLOR04-CGM

Fig 208, Sheet 1 of 2 BGCOLOR04



BGCOLOR04-PNG

Fig 208, Sheet 2 of 2 BGCOLOR04

Produced by Docuneering Ltd.

2.4 Modes

2.4.1 COLRMD01

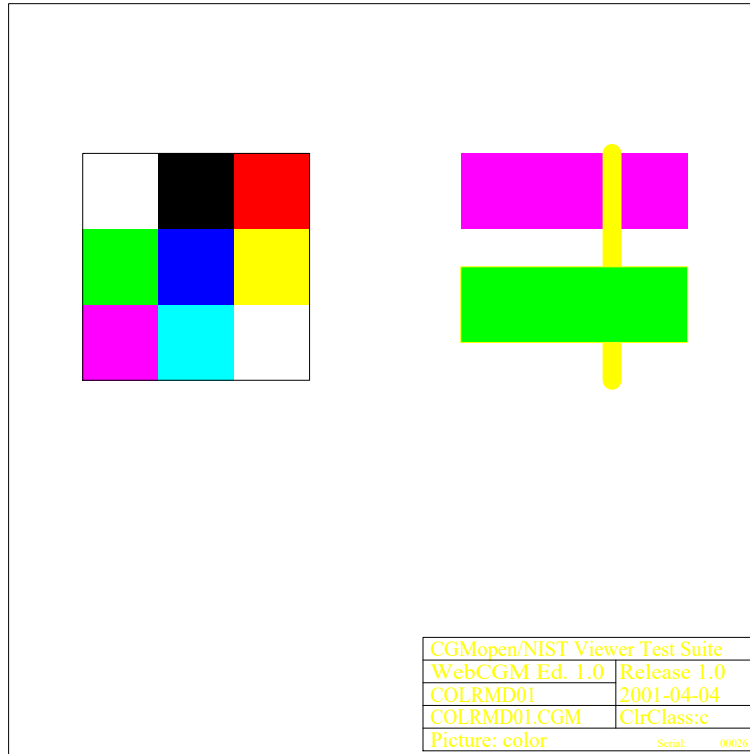
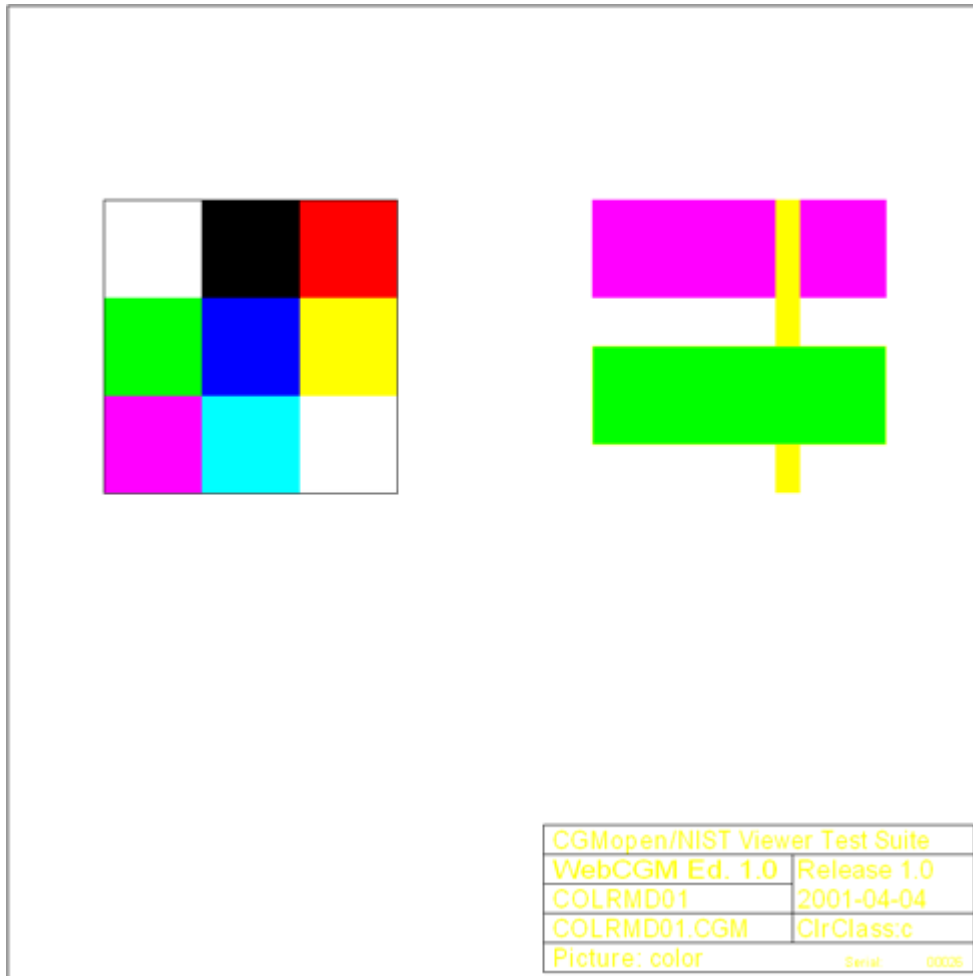


Fig 209, Sheet 1 of 2 COLRMD01

COLRMD01-CGM

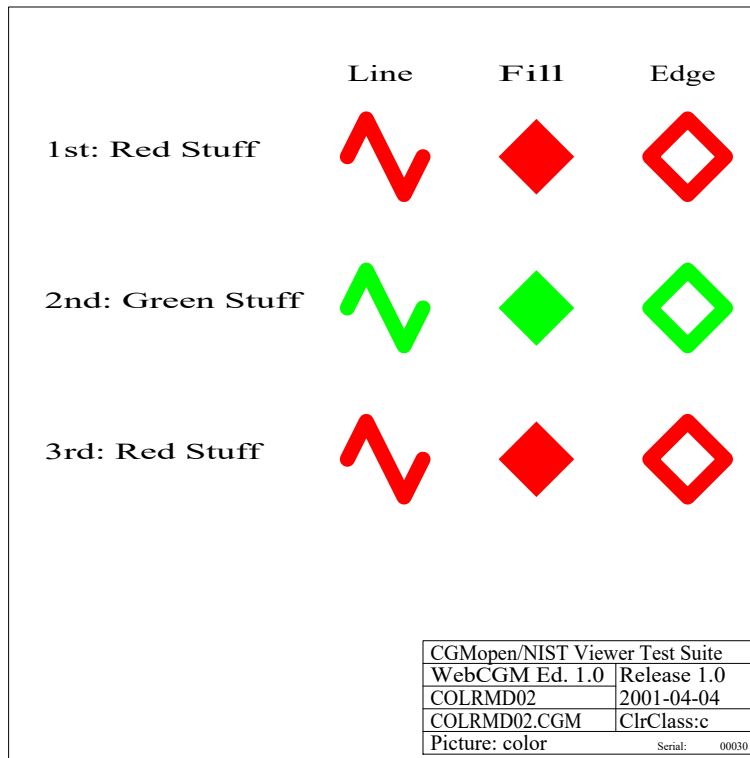


COLRMD01-PNG

Fig 209, Sheet 2 of 2 COLRMD01

Produced by Docuneering Ltd.

2.4.2 COLRMD02



COLRMD02-CGM

Fig 210, Sheet 1 of 2 COLRMD02



COLRMD02-PNG

Fig 210, Sheet 2 of 2 COLRMD02

Produced by Docuneering Ltd.

2.4.3 SPECMD03

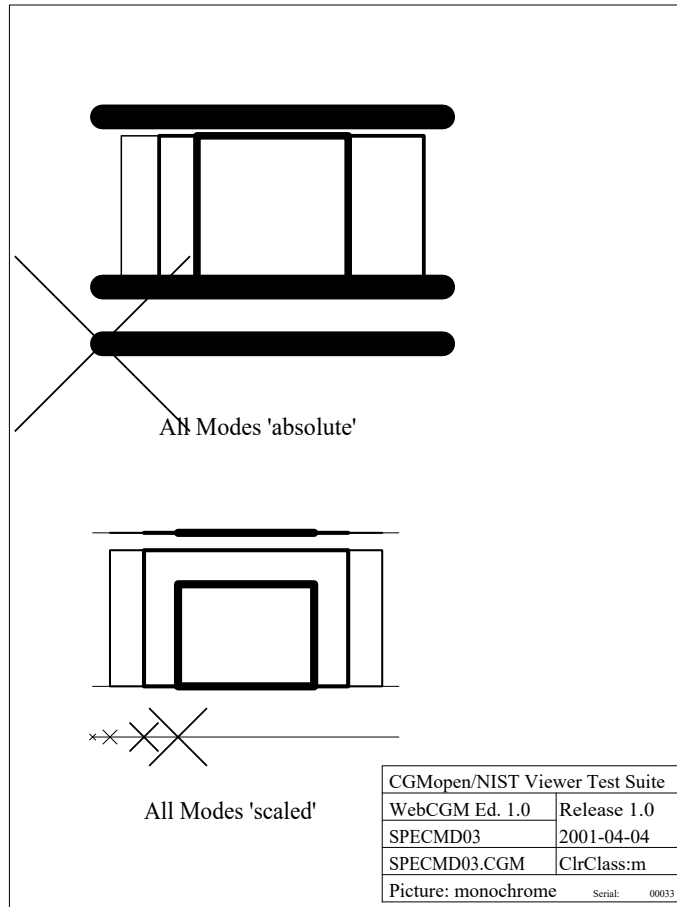
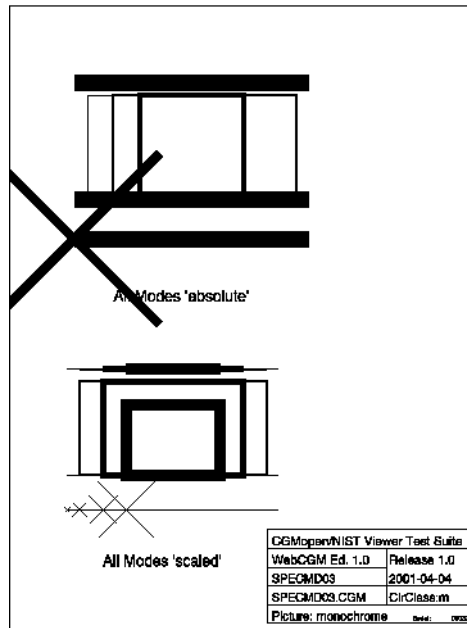


Fig 211, Sheet 1 of 2 SPECMD03

SPECMD03-CGM

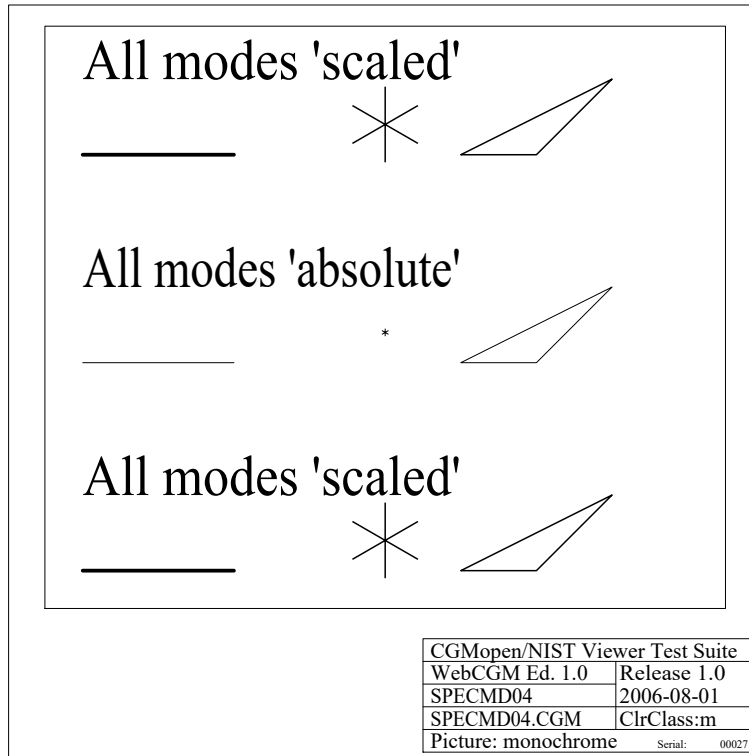


SPECMD03-PNG

Fig 211, Sheet 2 of 2 SPECMD03

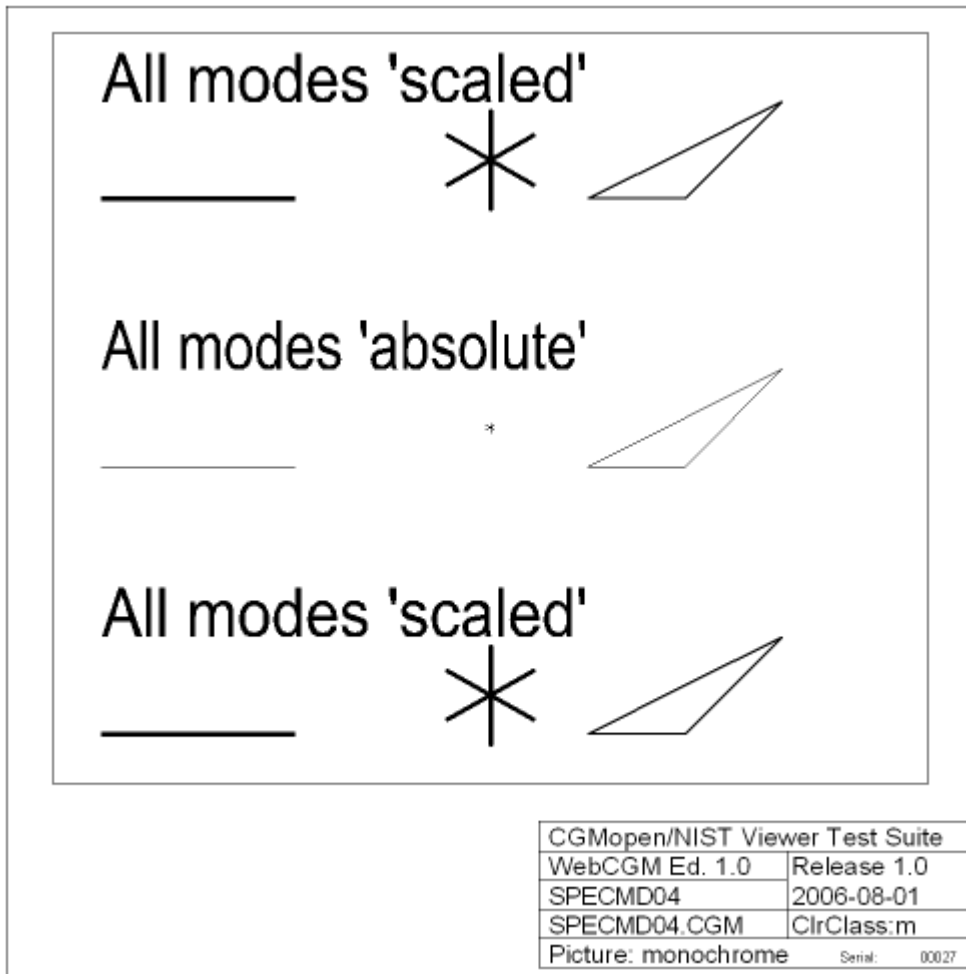
Produced by Docuneering Ltd.

2.4.4 SPECMD04



SPECMD04-CGM

Fig 212, Sheet 1 of 2 SPECMD04



SPECMD04-PNG

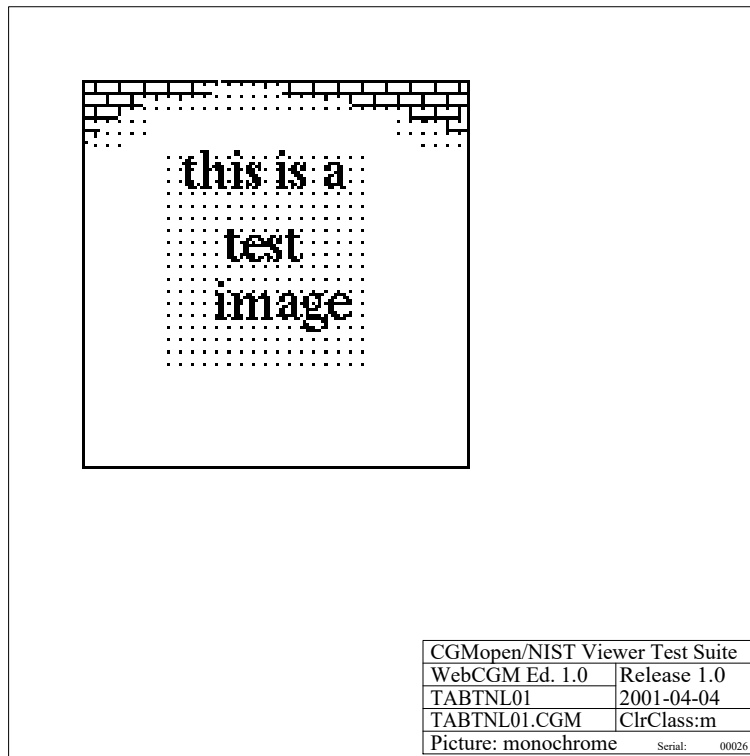
Fig 212, Sheet 2 of 2 SPECMD04

Produced by Docuneering Ltd.

3 WebCGM10 - CGM Version 3

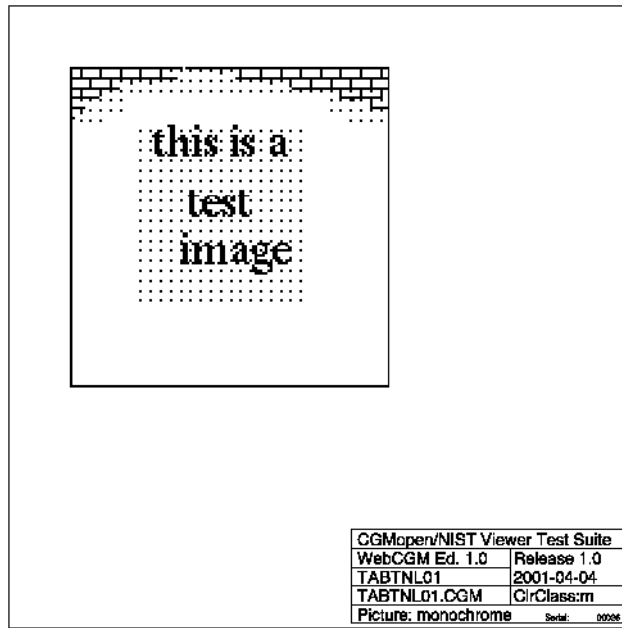
3.1 Tile Array Elements

3.1.1 TABTNL01



TABTNL01-CGM

Fig 213, Sheet 1 of 2 TABTNL01

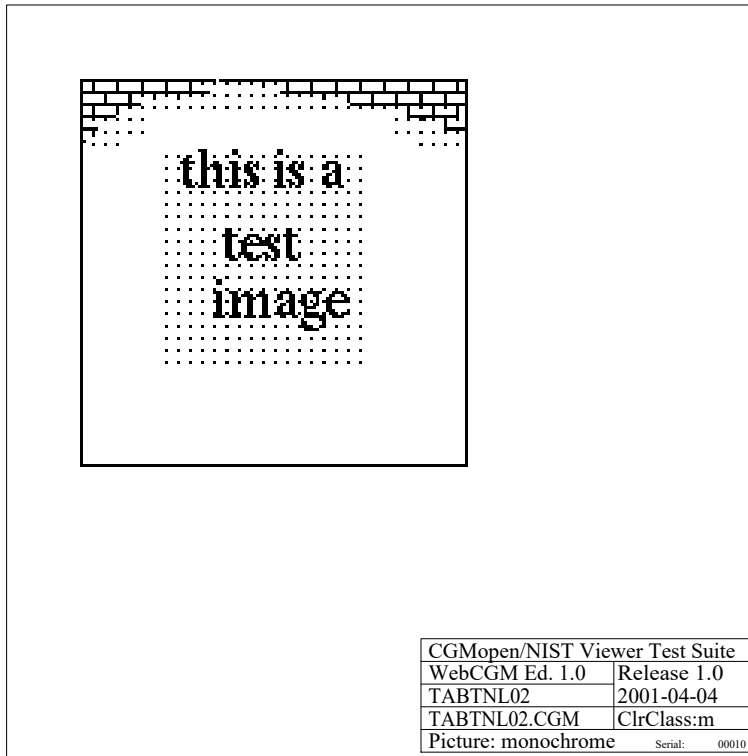


TABTNL01-PNG

Fig 213, Sheet 2 of 2 TABTNL01

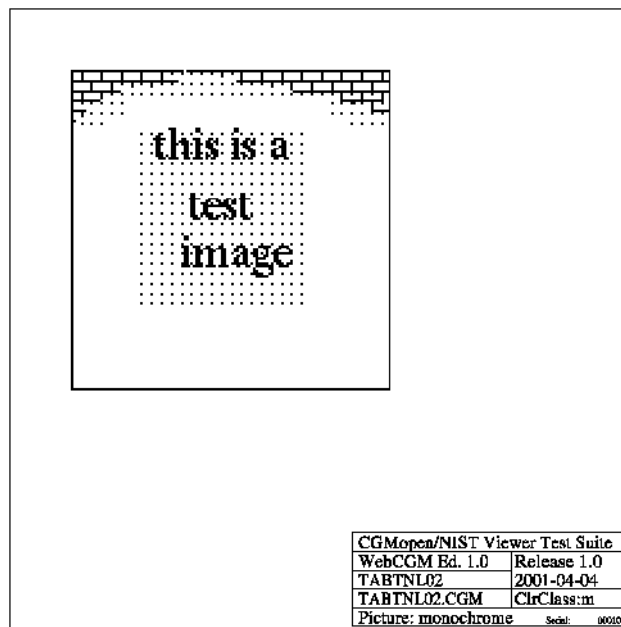
Produced by Docuneering Ltd.

3.1.2 TABTNL02



TABTNL02-CGM

Fig 214, Sheet 1 of 2 TABTNL02



TABTNL02-PNG

Fig 214, Sheet 2 of 2 TABTNL02

3.2 Line Elements

3.2.1 POLYBZ01

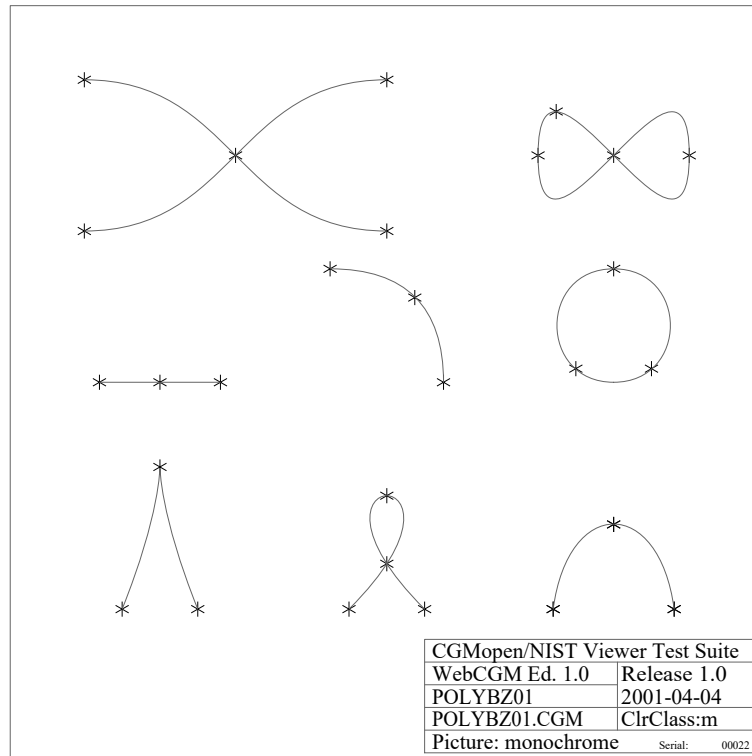


Fig 215, Sheet 1 of 2 POLYBZ01

polybz01-CGM

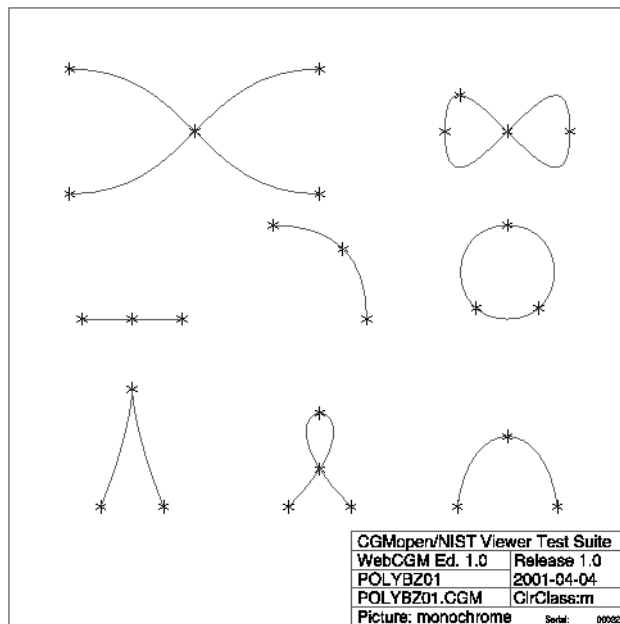
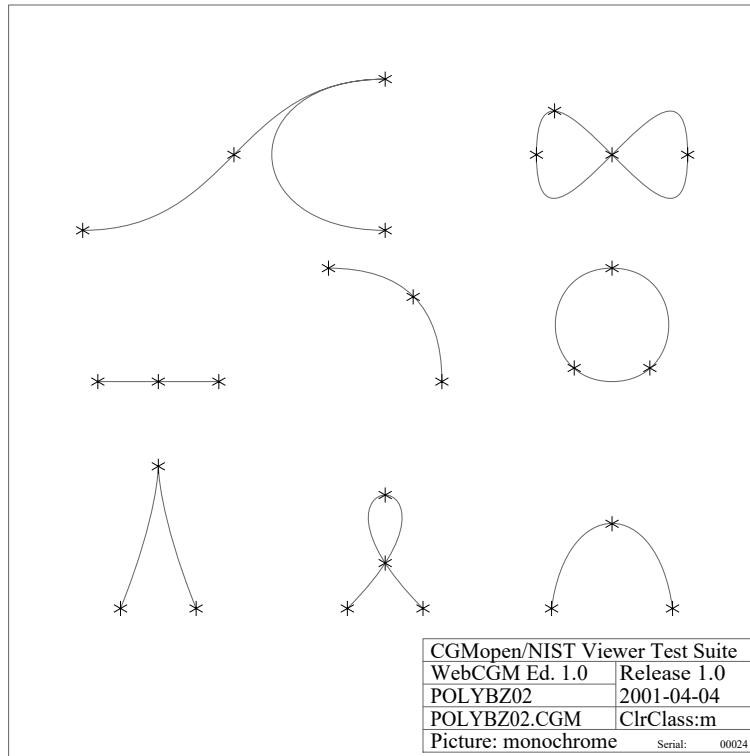


Fig 215, Sheet 2 of 2 POLYBZ01

polybz01-PNG

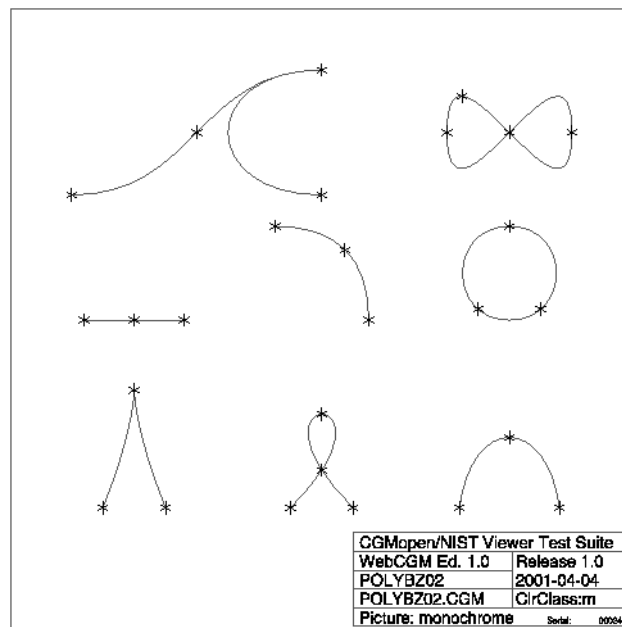
Produced by Docuneering Ltd.

3.2.2 POLYBZ02



polybz02-CGM

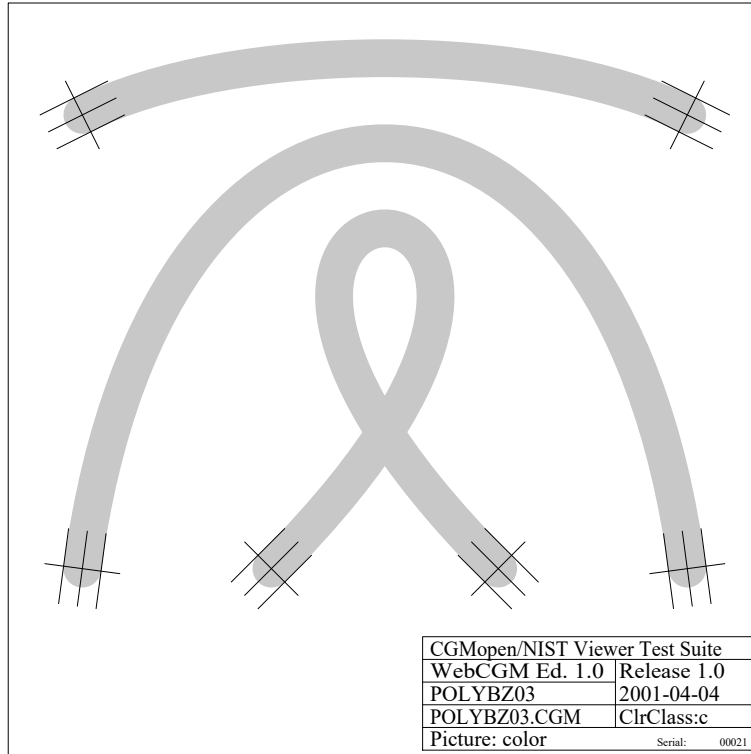
Fig 216, Sheet 1 of 2 POLYBZ02



polybz02-PNG

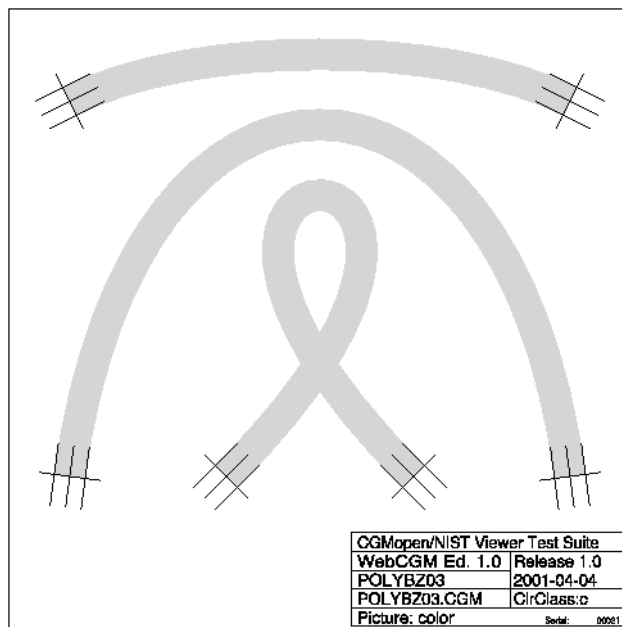
Fig 216, Sheet 2 of 2 POLYBZ02

3.2.3 POLYBZ03



polybz03-CGM

Fig 217, Sheet 1 of 2 POLYBZ03

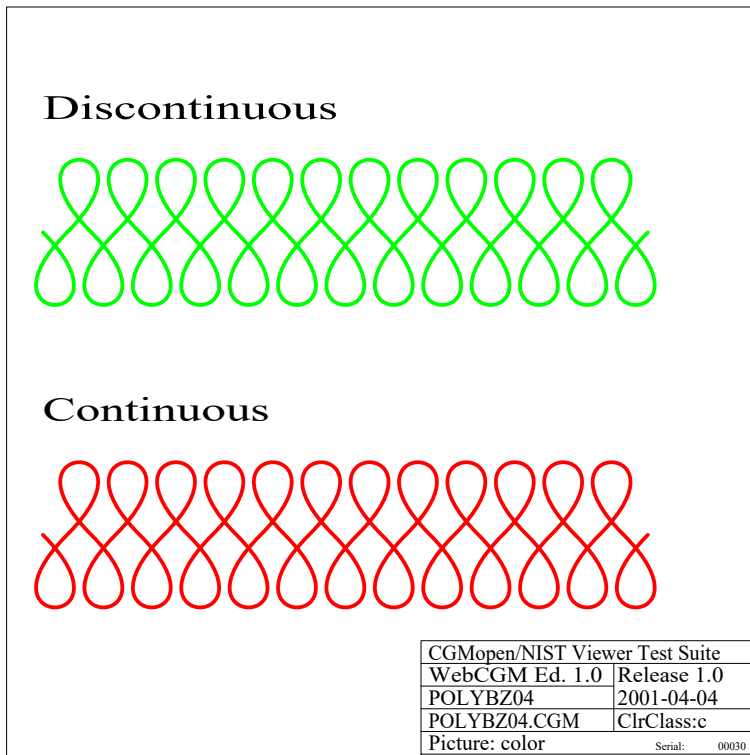


polybz03-PNG

Fig 217, Sheet 2 of 2 POLYBZ03

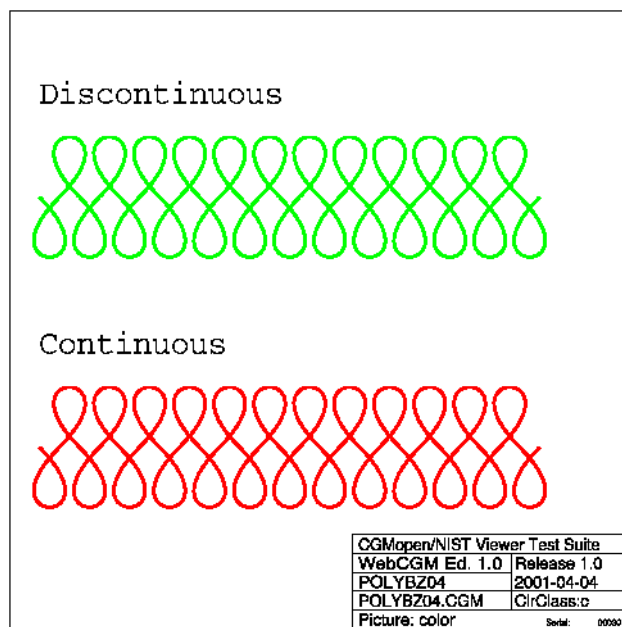
Produced by Docuneering Ltd.

3.2.4 POLYBZ04



POLYBZ04-CGM

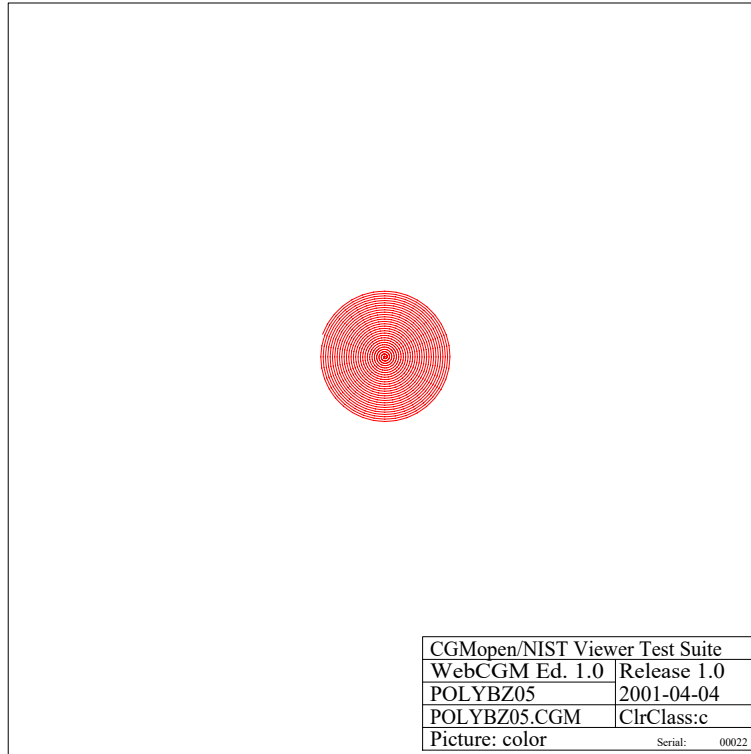
Fig 218, Sheet 1 of 2 POLYBZ04



POLYBZ04-PNG

Fig 218, Sheet 2 of 2 POLYBZ04

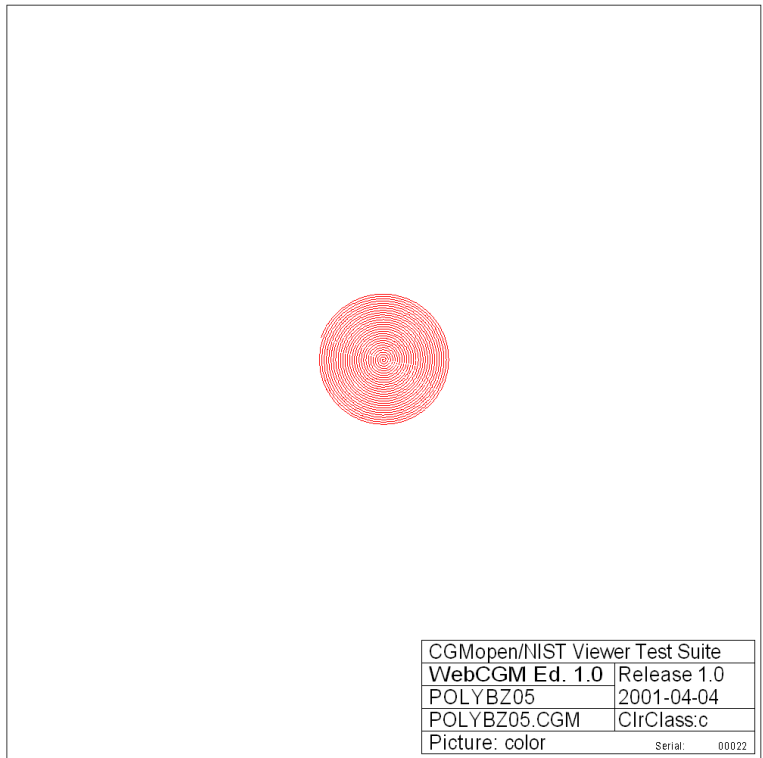
3.2.5 POLYBZ05



POLYBZ05-CGM

Fig 219, Sheet 1 of 2 POLYBZ05

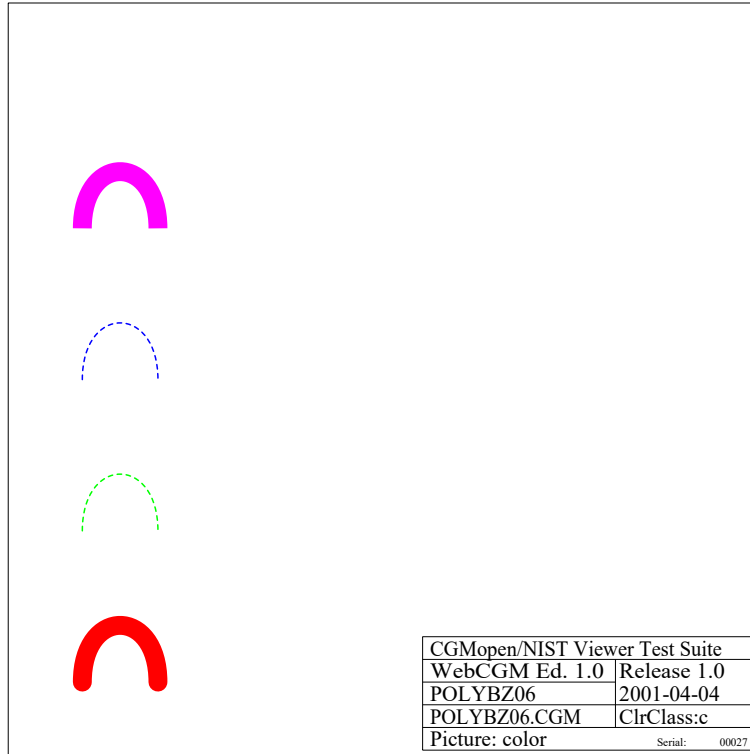
Produced by Docuneering Ltd.



POLYBZ05-PNG

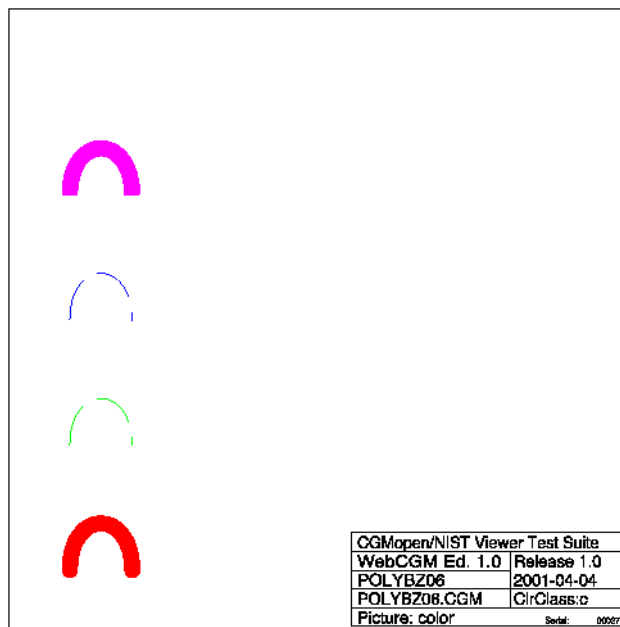
Fig 219, Sheet 2 of 2 POLYBZ05

3.2.6 POLYBZ06



POLYBZ06-CGM

Fig 220, Sheet 1 of 2 POLYBZ06



POLYBZ06-PNG

Fig 220, Sheet 2 of 2 POLYBZ06

Produced by Docuneering Ltd.

3.3 Modes

3.3.1 SPECMD05

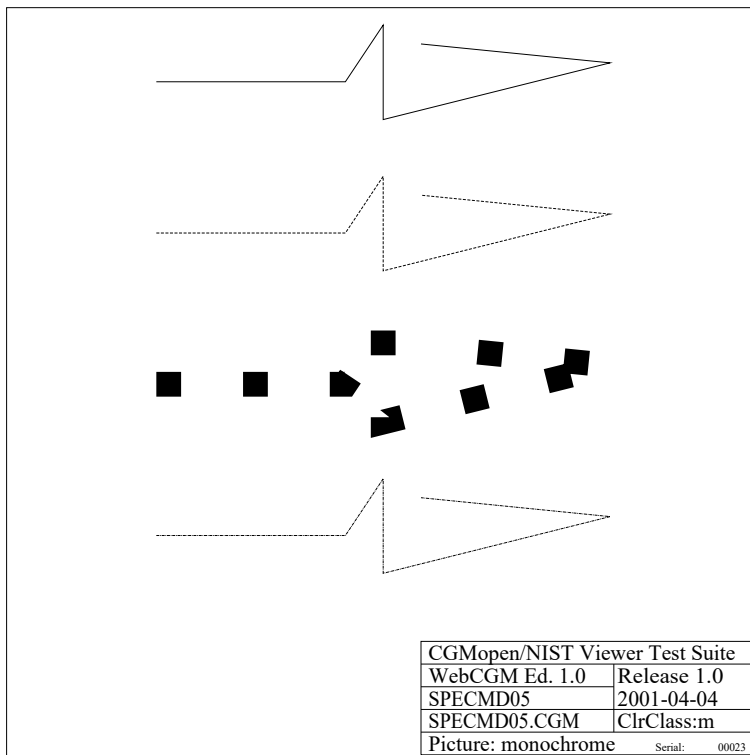


Fig 221, Sheet 1 of 2 SPECMD05

SPECMD05-CGM

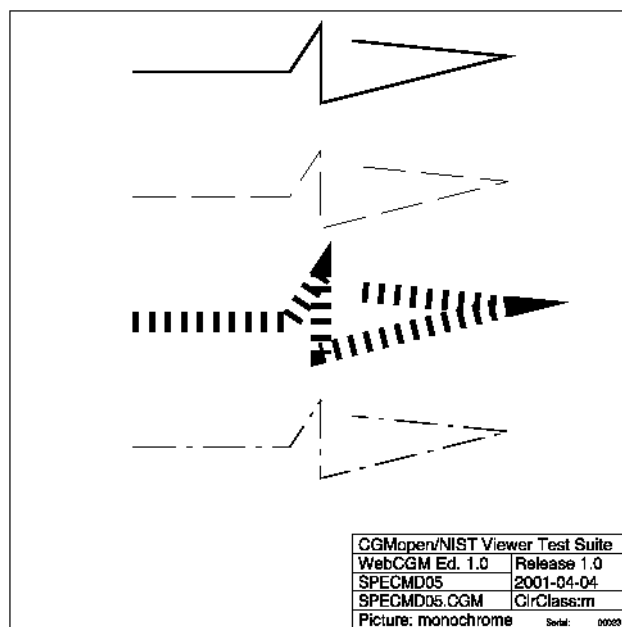
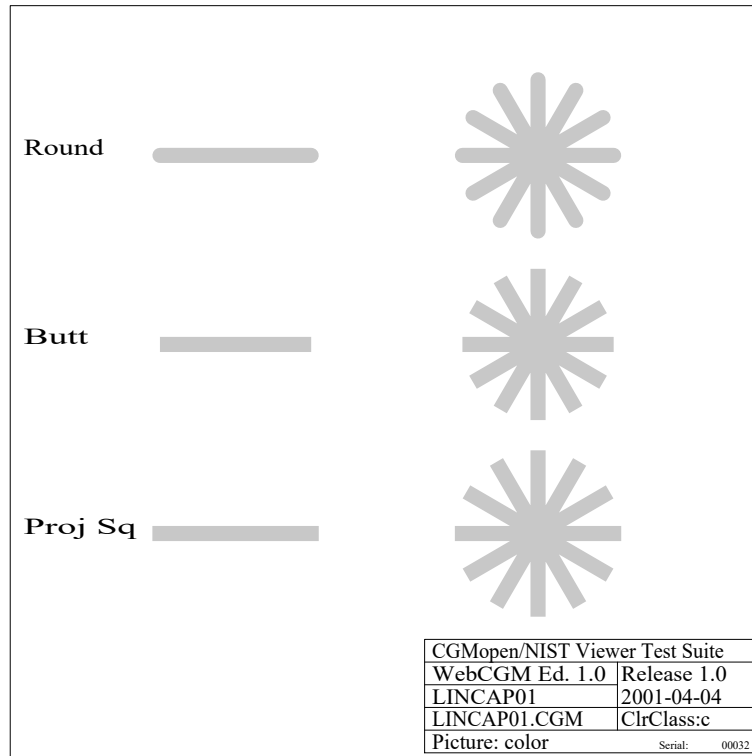


Fig 221, Sheet 2 of 2 SPECMD05

SPECMD05-PNG

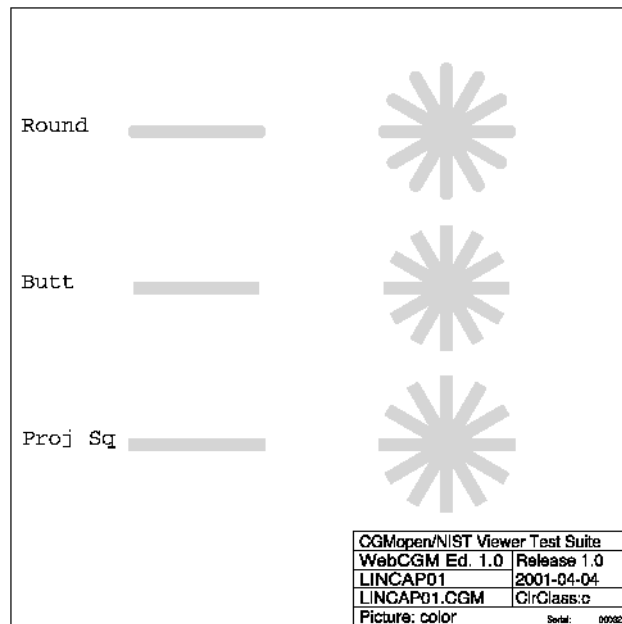
3.4 Line/Edge Caps and Joins

3.4.1 LINCAP01



LINCAP01-CGM

Fig 222, Sheet 1 of 2 LINCAP01

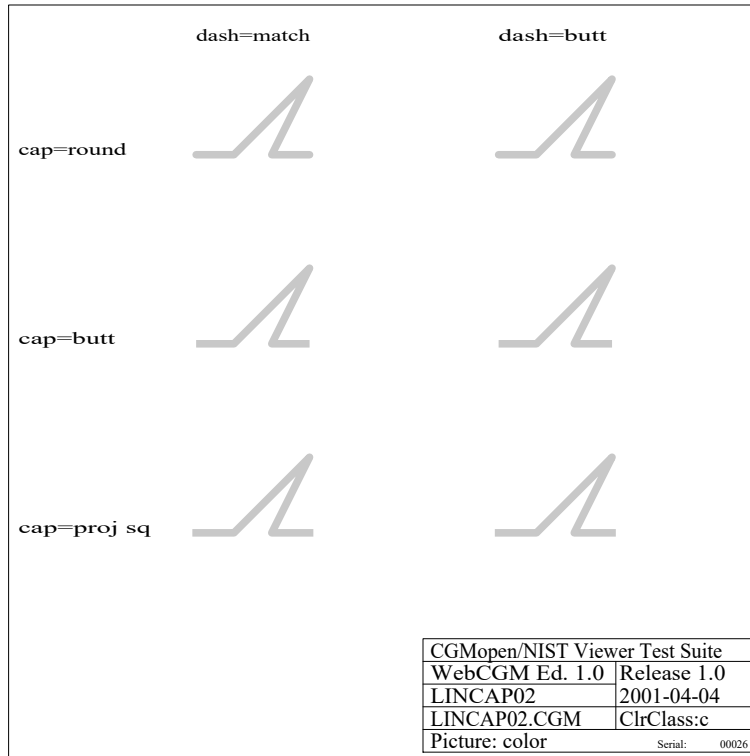


LINCAP01-PNG

Fig 222, Sheet 2 of 2 LINCAP01

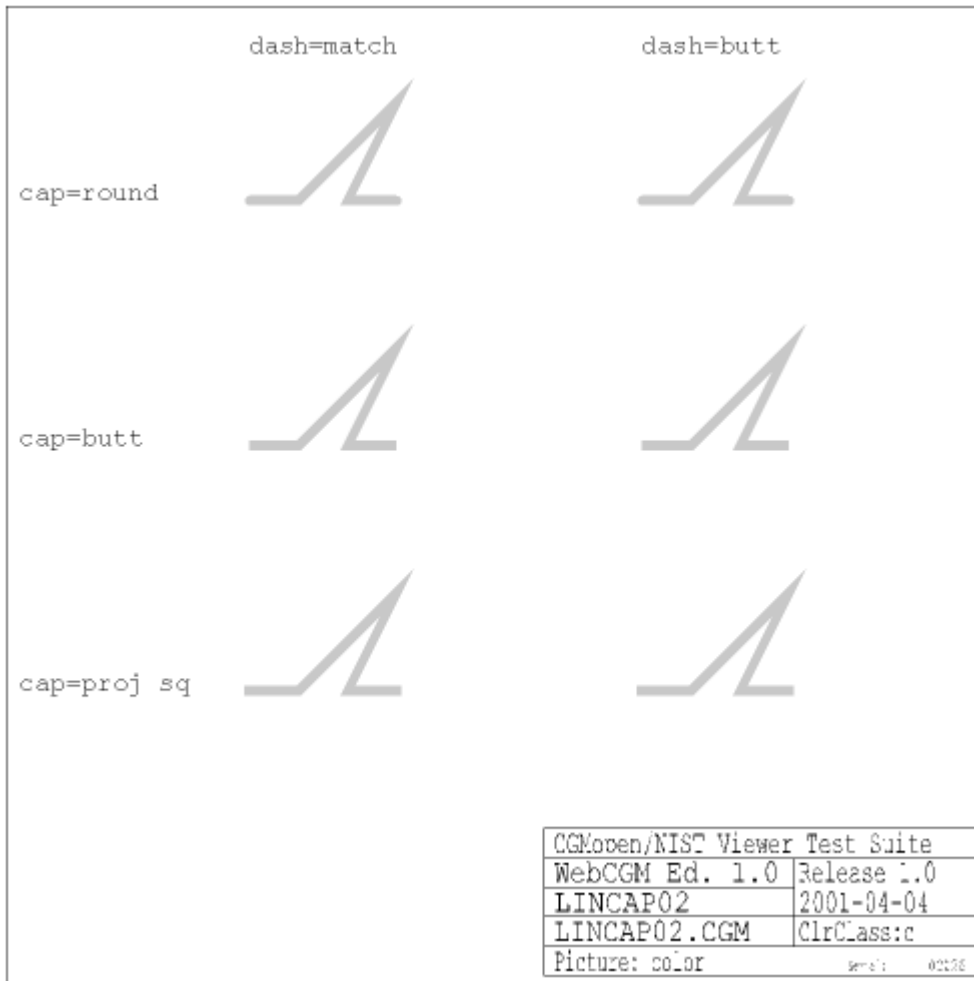
Produced by Docuneering Ltd.

3.4.2 LINCAP02



LINCAP02-CGM

Fig 223, Sheet 1 of 2 LINCAP02

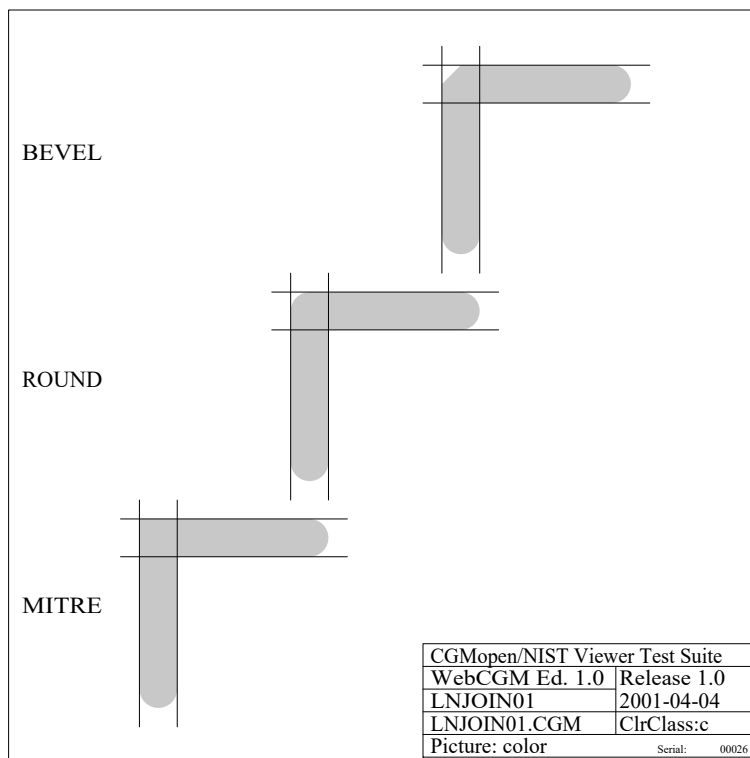


LINCAP02-PNG

Fig 223, Sheet 2 of 2 LINCAP02

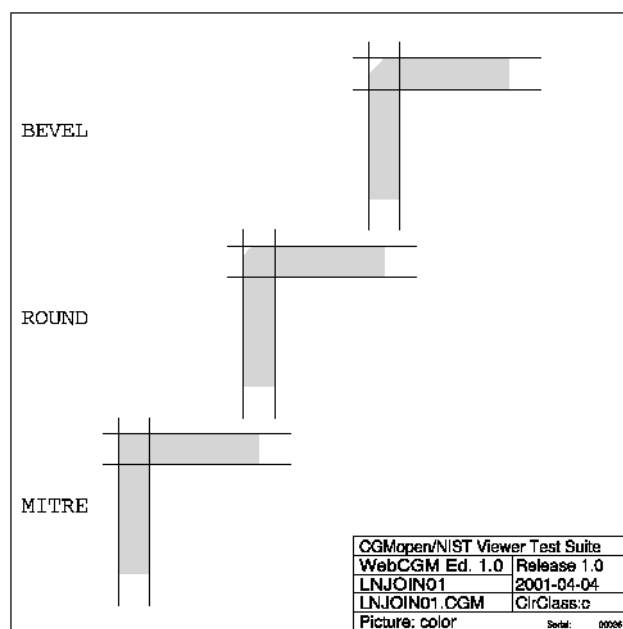
Produced by Docuneering Ltd.

3.4.3 LNJOIN01



LNJOIN01-CGM

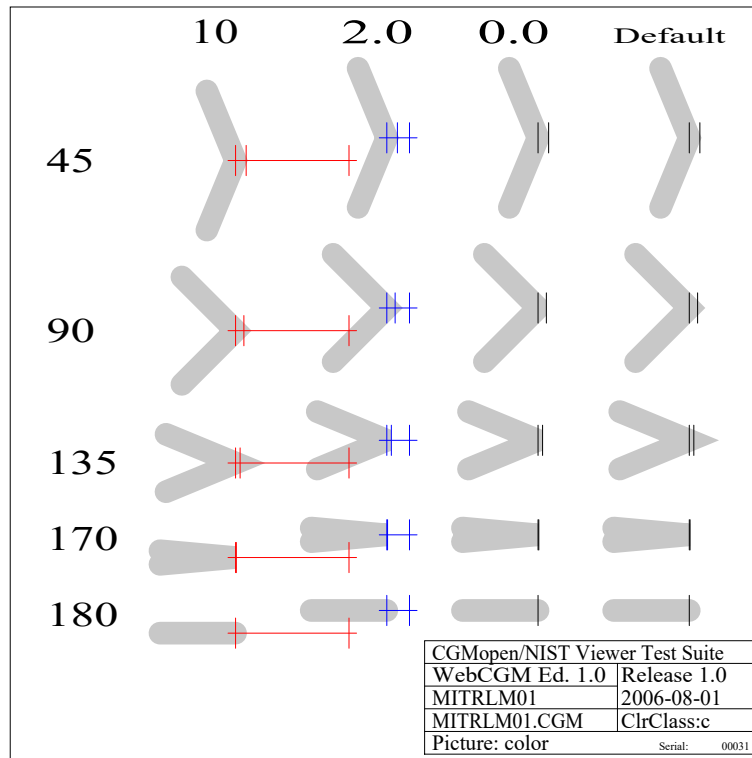
Fig 224, Sheet 1 of 2 LNJOIN01



LNJOIN01-PNG

Fig 224, Sheet 2 of 2 LNJOIN01

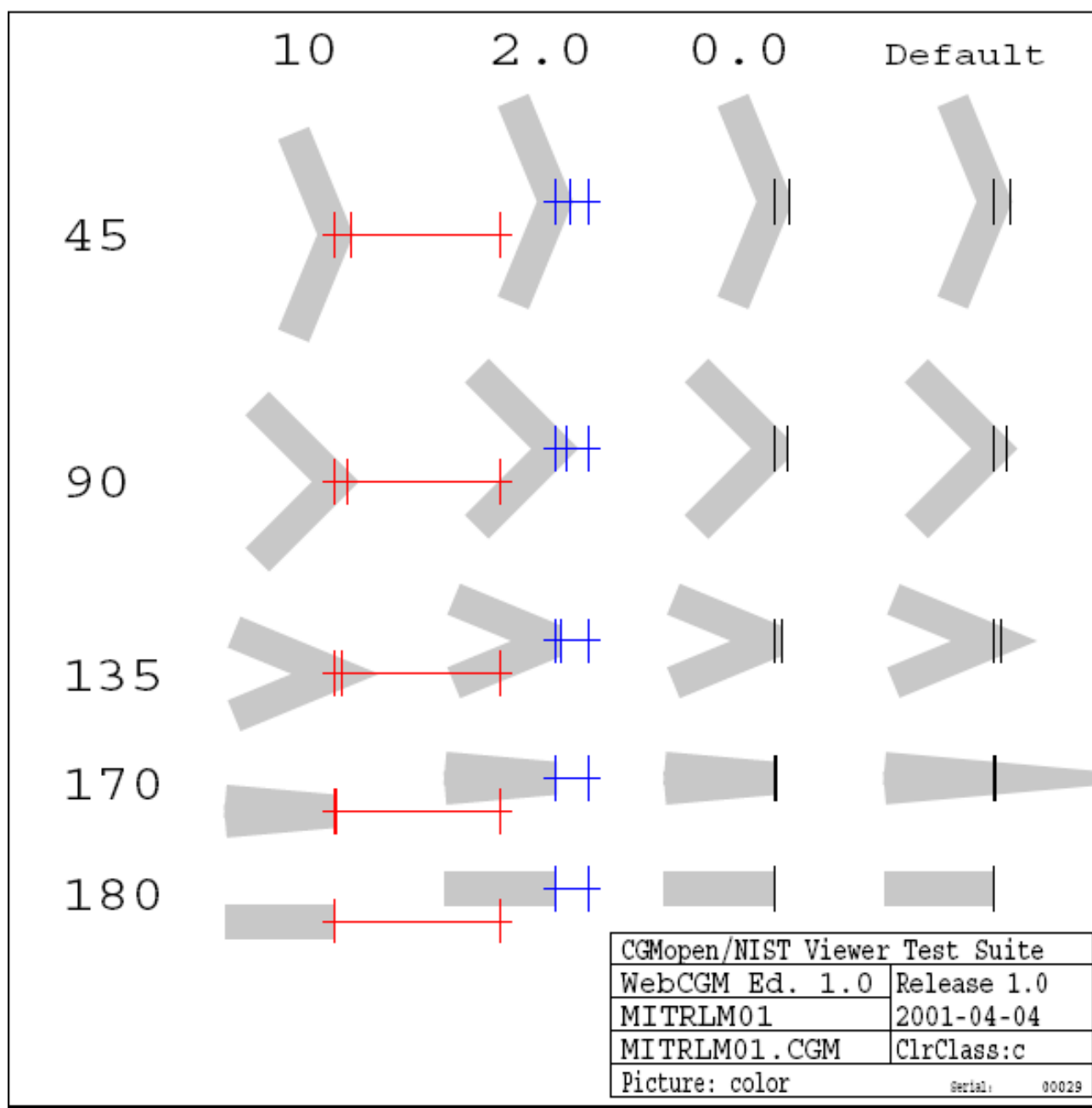
3.4.4 MITRLM01



MITRLM01-CGM

Fig 225, Sheet 1 of 2 MITRLM01

Produced by Docuneering Ltd.



MITRLM01-PNG

Fig 225, Sheet 2 of 2 MITRLM01

3.5 Line Style Definition

3.5.1 LINSTD01

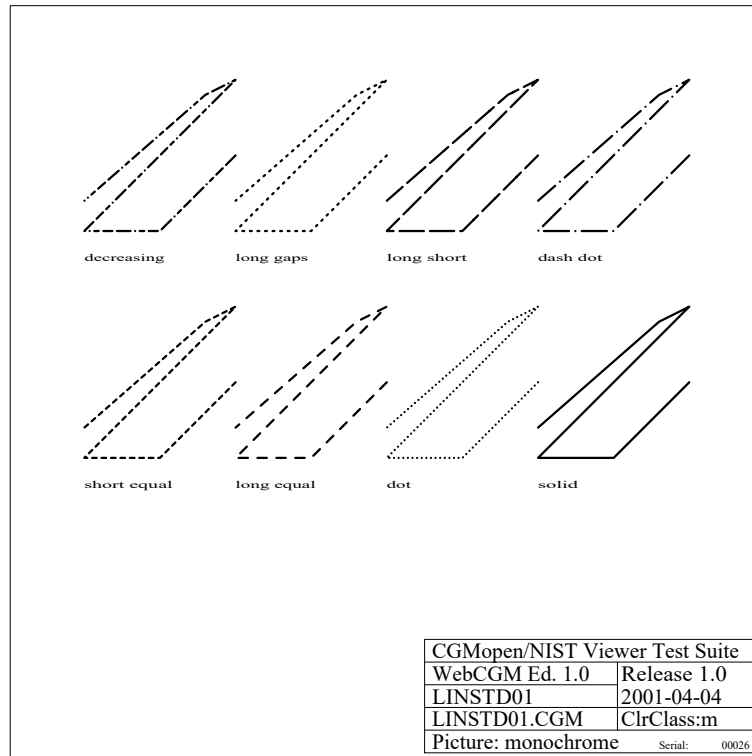


Fig 226, Sheet 1 of 2 LINSTD01

LINSTD01-CGM

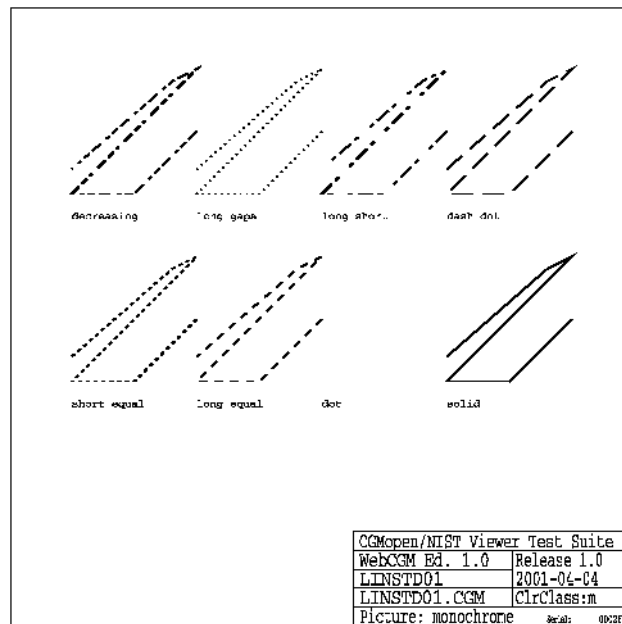
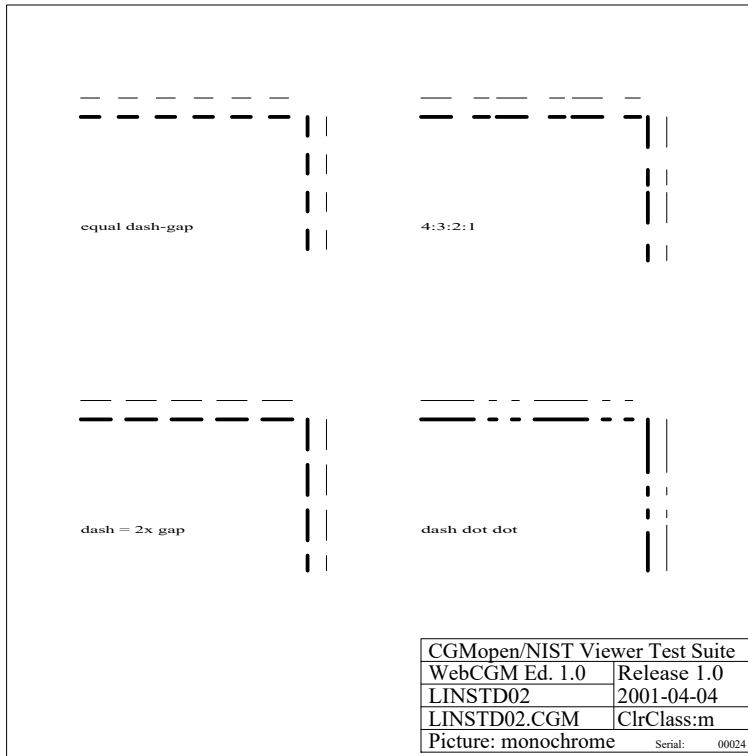


Fig 226, Sheet 2 of 2 LINSTD01

LINSTD01-PNG

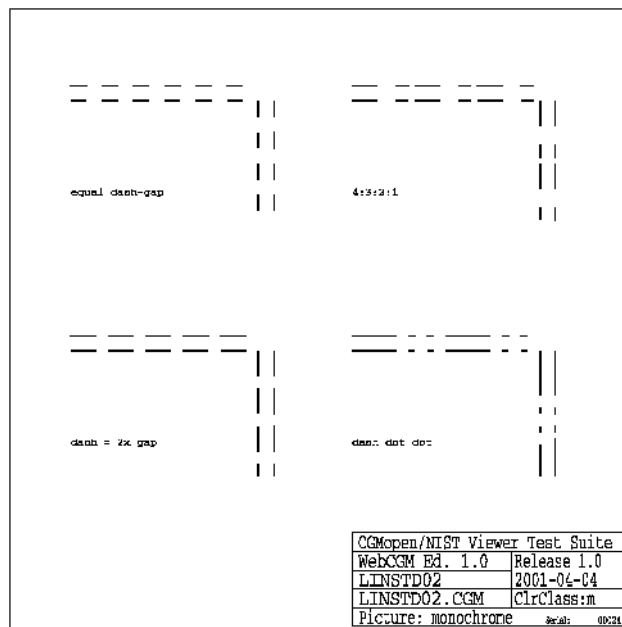
Produced by Docuneering Ltd.

3.5.2 LINSTD02



LINSTD02-CGM

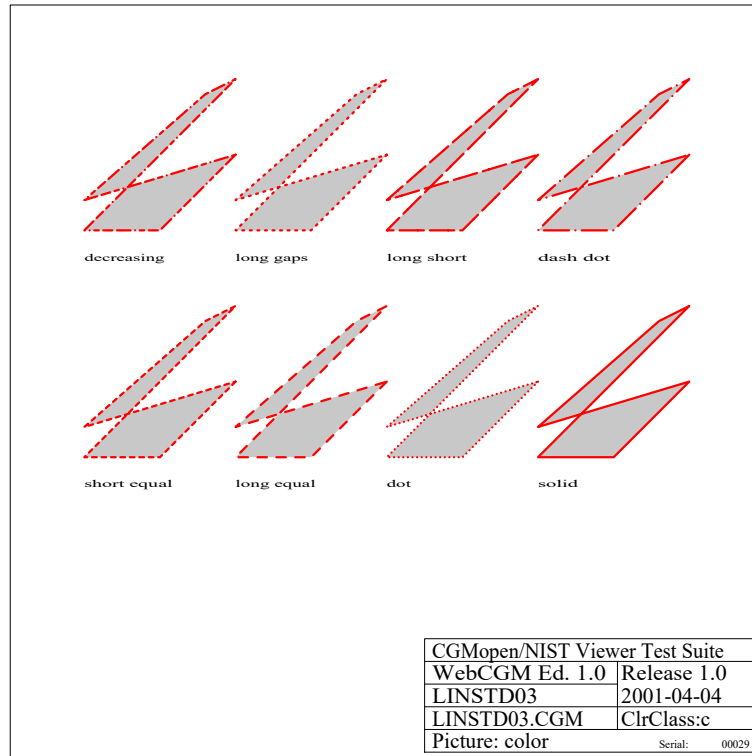
Fig 227, Sheet 1 of 2 LINSTD02



LINSTD02-PNG

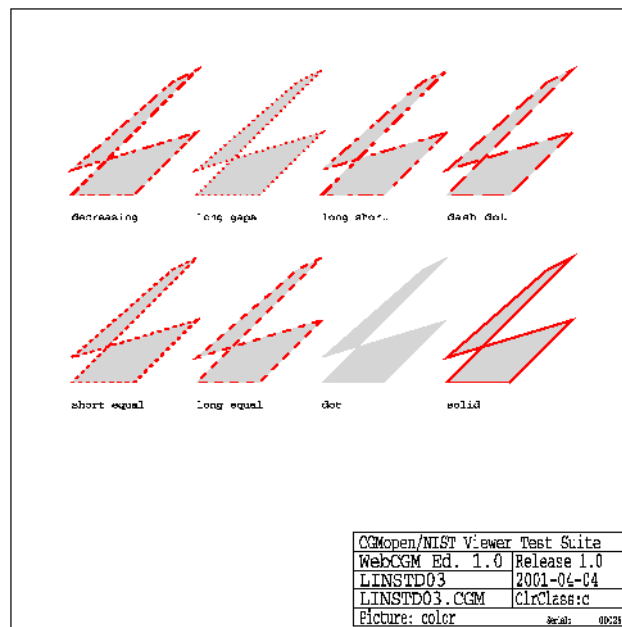
Fig 227, Sheet 2 of 2 LINSTD02

3.5.3 LINSTD03



LINSTD03-CGM

Fig 228, Sheet 1 of 2 LINSTD03



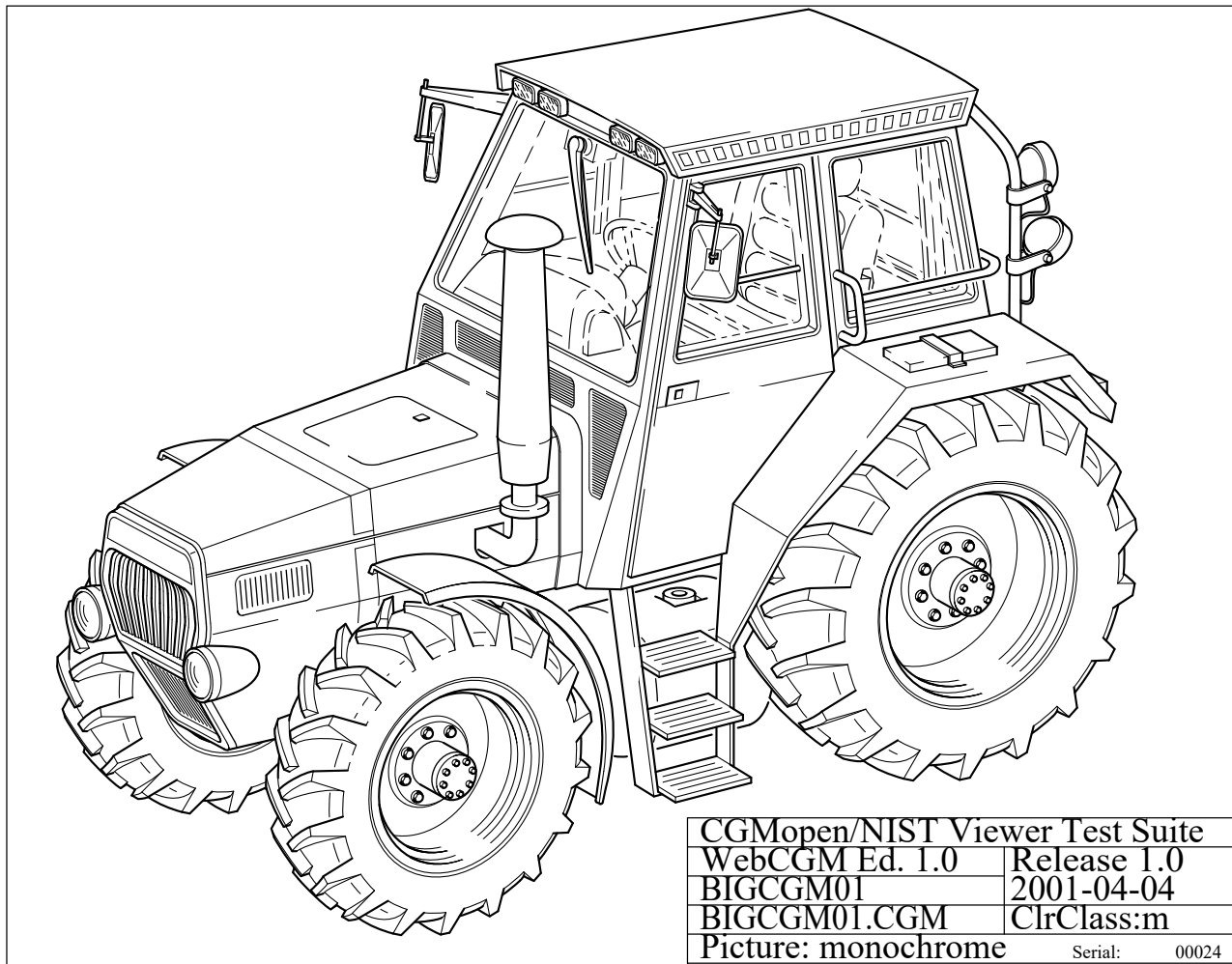
LINSTD03-PNG

Fig 228, Sheet 2 of 2 LINSTD03

Produced by Docuneering Ltd.

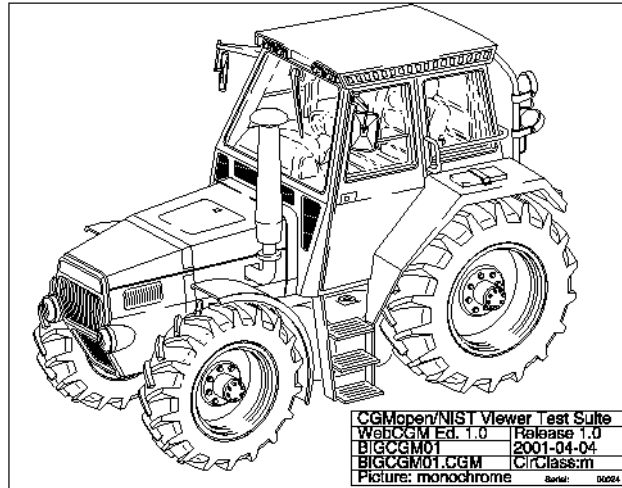
3.6 Metafile Size

3.6.1 BIGCGM01



BIGCGM01-CGM

Fig 229, Sheet 1 of 2 BIGCGM01

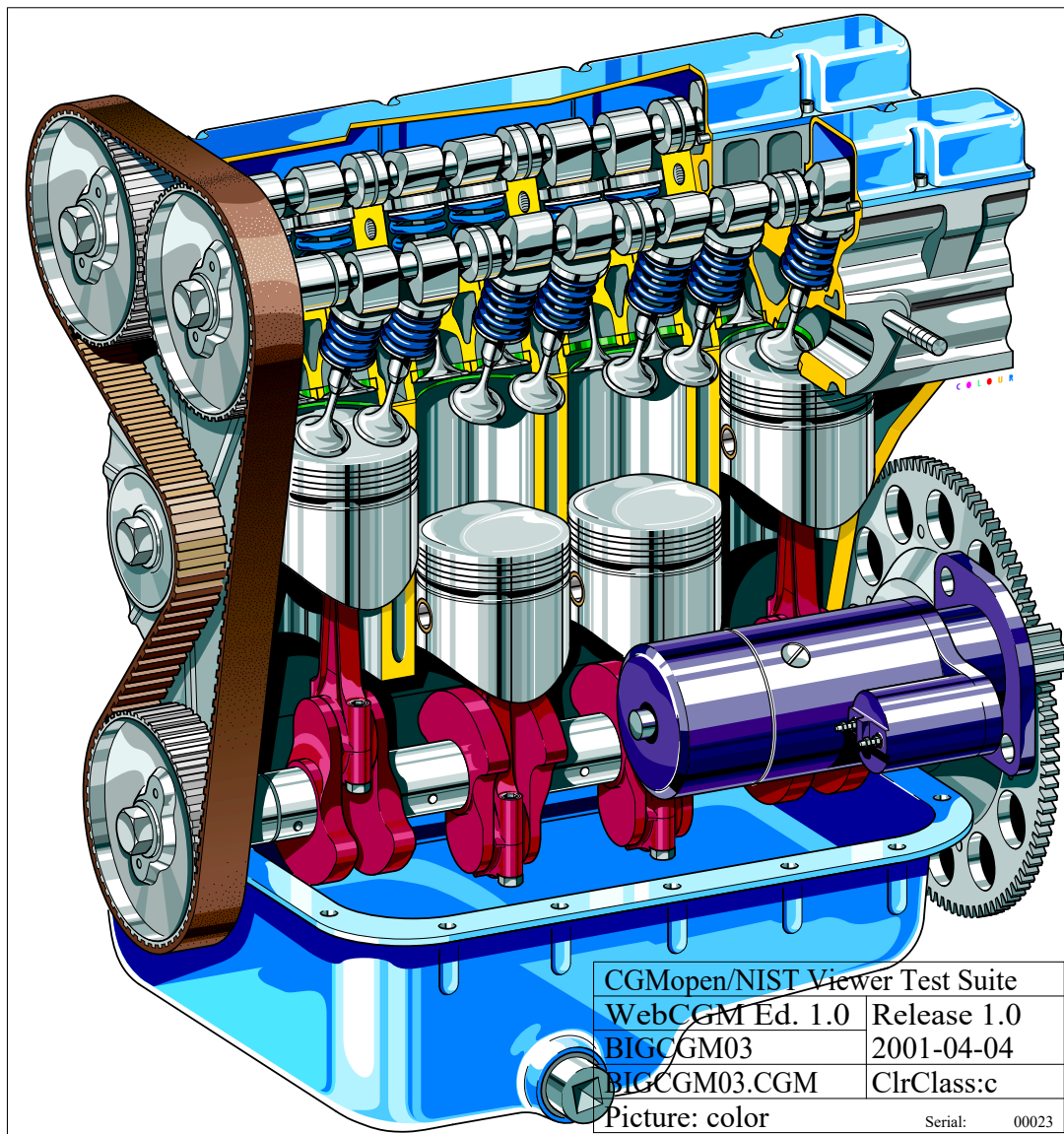


BIGCGM01-PNG

Fig 229, Sheet 2 of 2 BIGCGM01

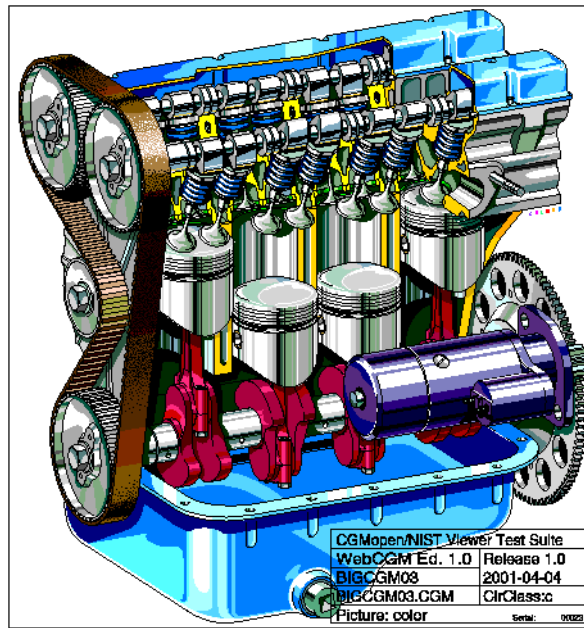
Produced by Docuneering Ltd.

3.6.2 BIGCGM03



BIGCGM03-CGM

Fig 230, Sheet 1 of 2 BIGCGM03



BIGCGM03-PNG

Fig 230, Sheet 2 of 2 BIGCGM03

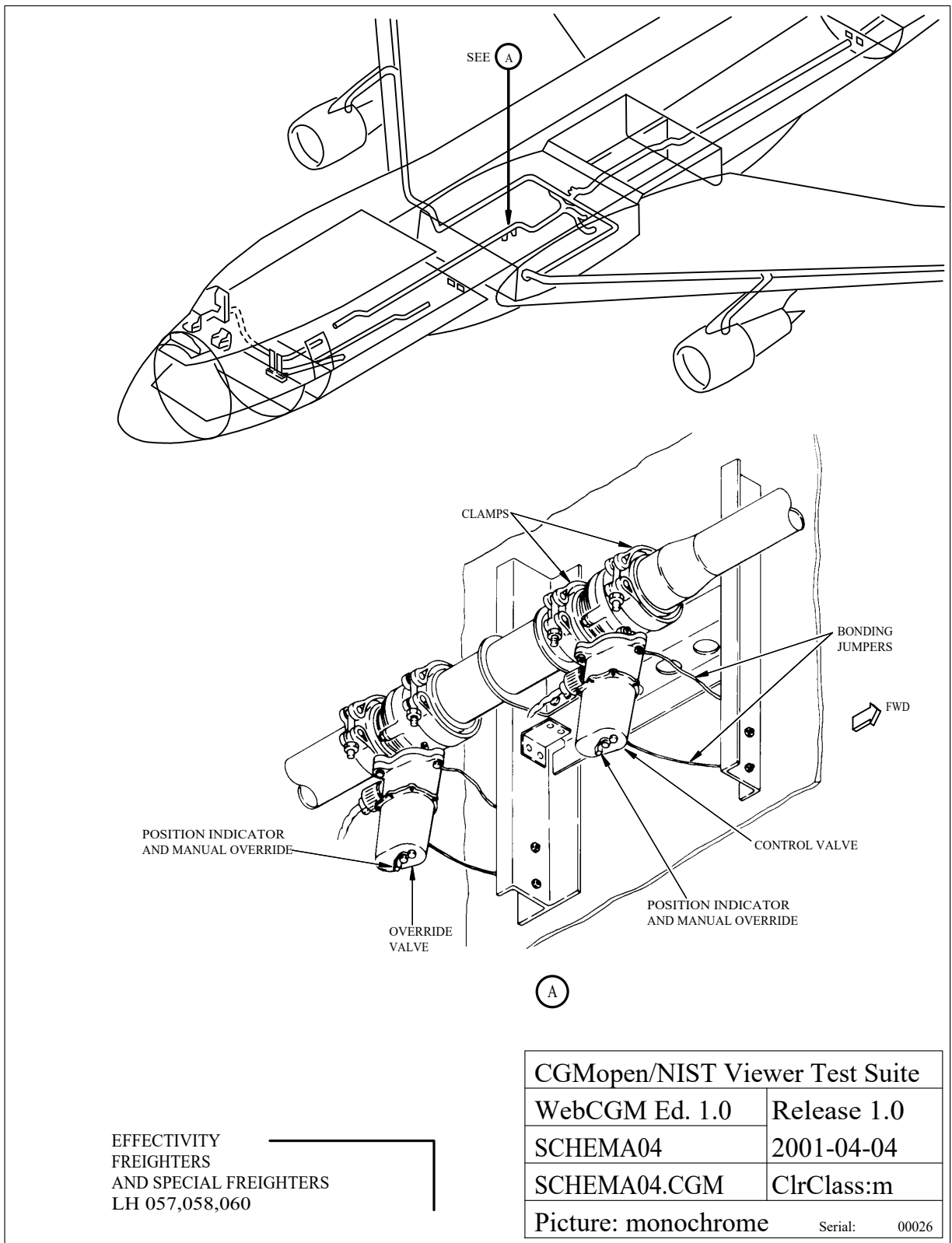
Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A

3.7 Schematics

3.7.1 SCHEMA04



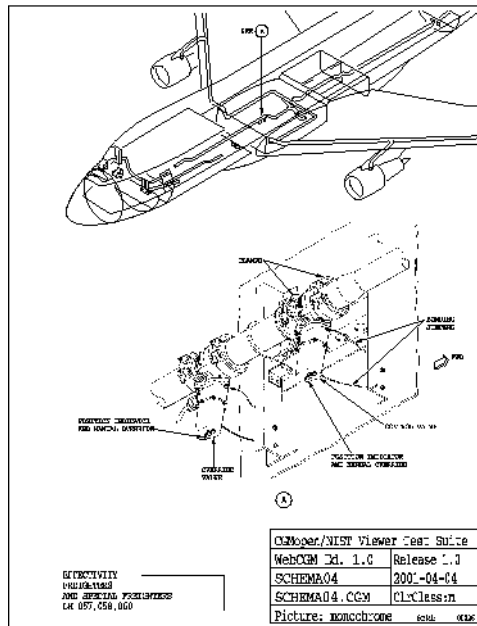
EFFECTIVITY
 FREIGHTERS
 AND SPECIAL FREIGHTERS
 LH 057,058,060

CGMopen/NIST Viewer Test Suite	
WebCGM Ed. 1.0	Release 1.0
SCHEMA04	2001-04-04
SCHEMA04.CGM	ClrClass:m
Picture: monochrome	Serial: 00026

SCHEMA04-CGM

Fig 231, Sheet 1 of 2 SCHEMA04

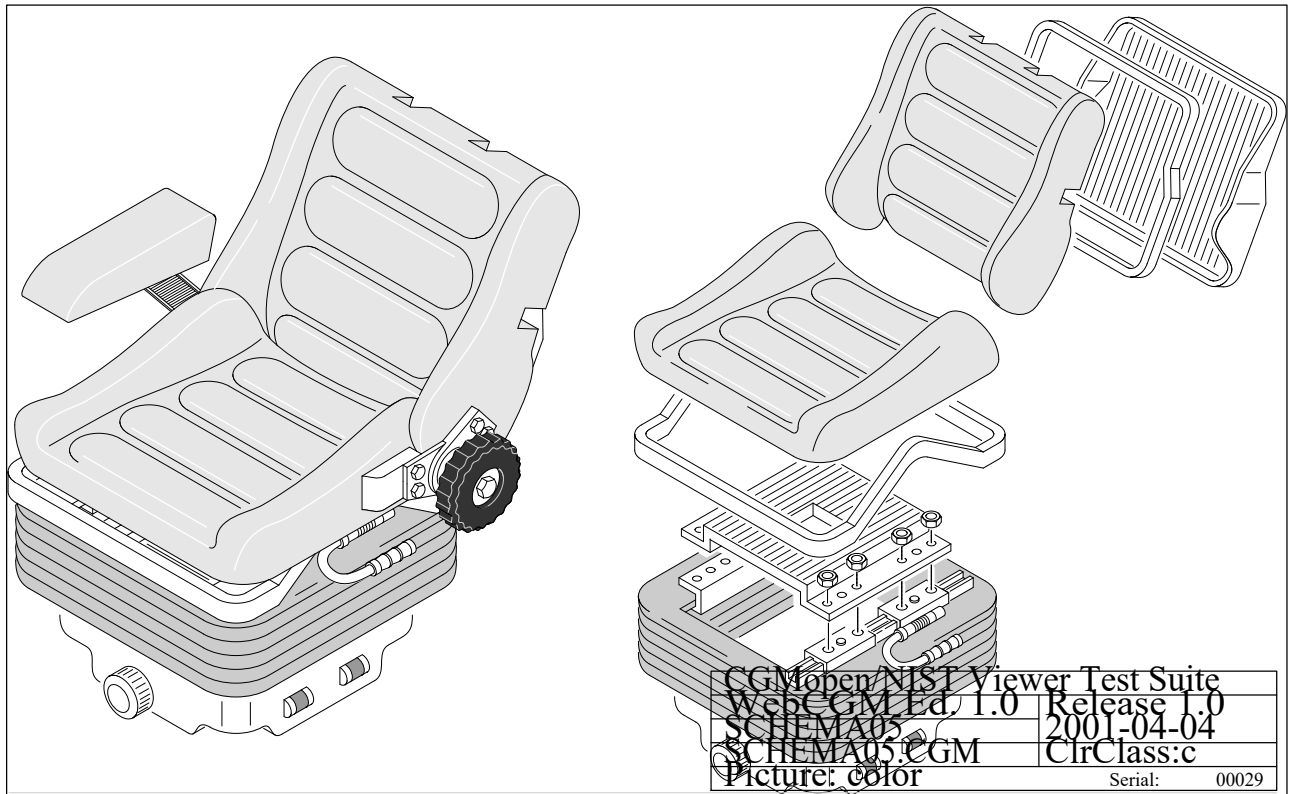
Produced by Docuneering Ltd.



SCHEMA04-PNG

Fig 231, Sheet 2 of 2 SCHEMA04

3.7.2 SCHEMA05



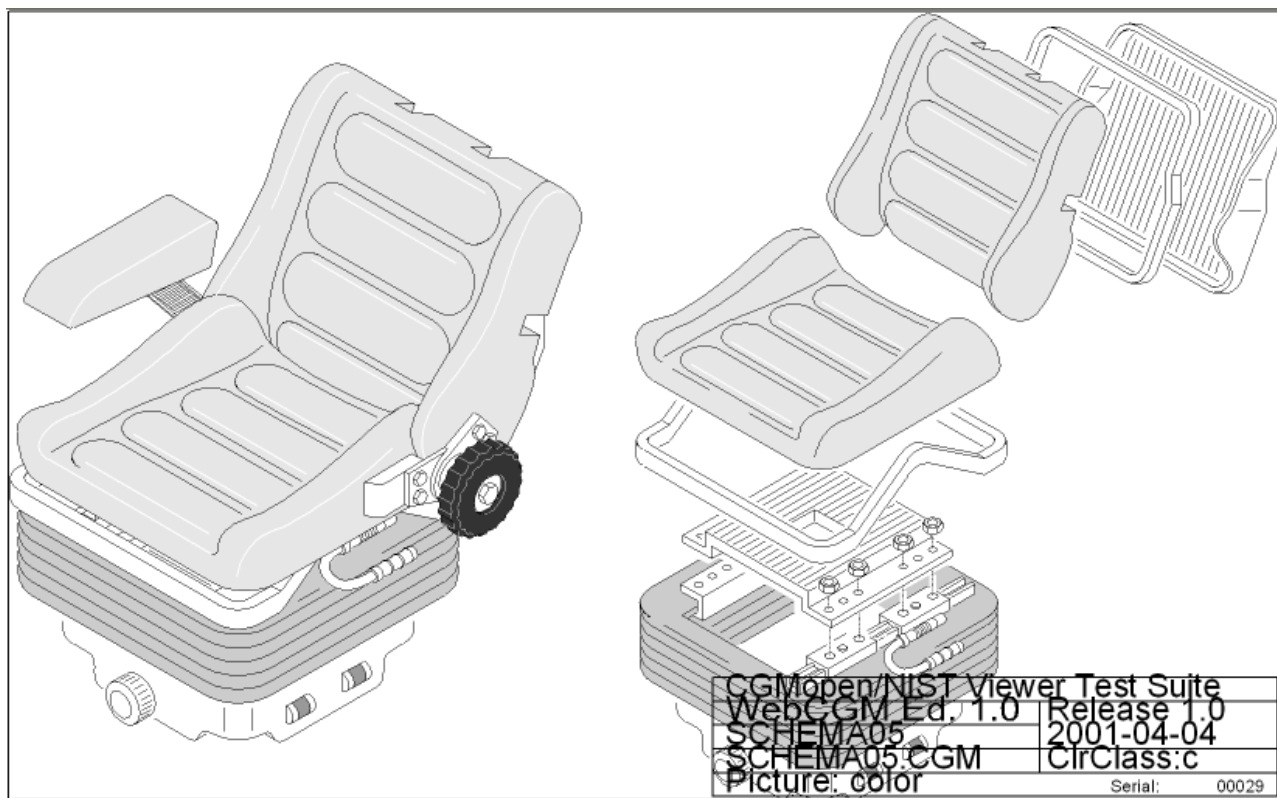
SCHEMA05-CGM

Fig 232, Sheet 1 of 2 SCHEMA05

Produced by Docuneering Ltd.

Applicable to: All

TEST41-A-00-00-00-01A-040A-A



SCHEMA05-PNG

Fig 232, Sheet 2 of 2 SCHEMA05