

TSM7-5.7

Machine Readability of Display Plane Ordering

NIWC LANT

for

TSM7

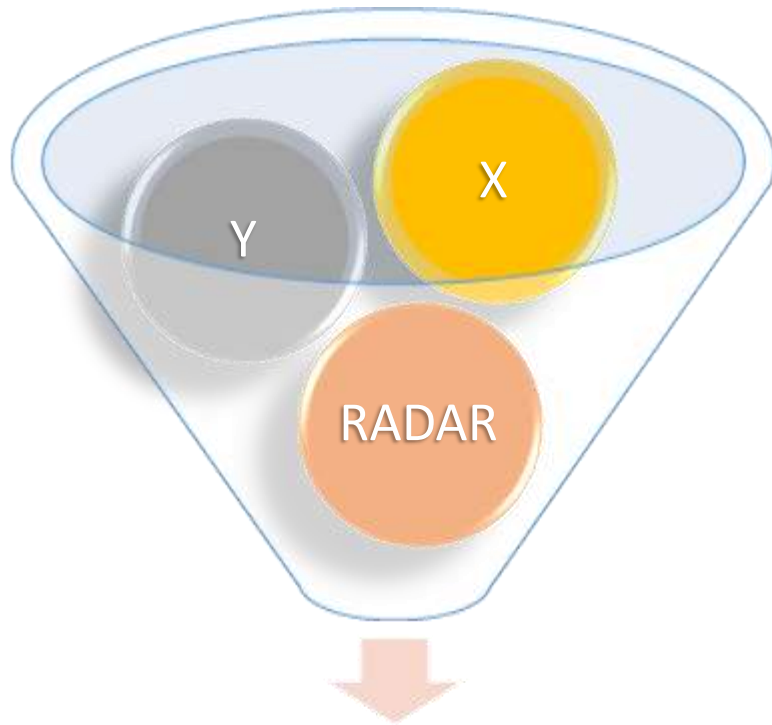
Issues

Stacking order of display planes cannot be determined algorithmically

relative to RADAR

relative to other *displayPlanes*

Issues



not machine readable

Role	Name	Desc.		Type
Class	CatalogItem	...	-	-
Attribute	id	...	1	string
Role	description	...	0..*	Description

Role	Name	Desc.		Type
Class	DisplayPlane	A display plane name and definition	-	-
Subtype	CatalogItem	...	-	-

Part 2b Portrayal Register

Order attribute enables algorithmic sort



Not available in portrayal catalogue



R	Name	Desc.		Type
C	2b-4.2.22 S100_PR_DisplayPlane	...	-	S100_PR_RegisterItem
A	Order	Used to sort the drawing order of display planes	1	integer

Proposal – Leverage Part 2b

Order relative to other display planes

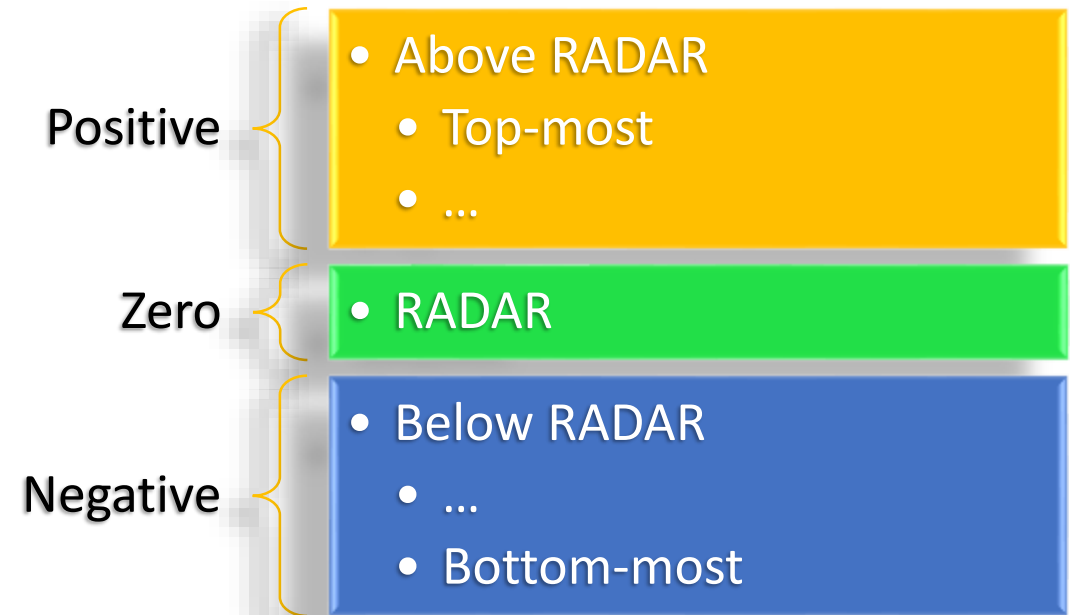
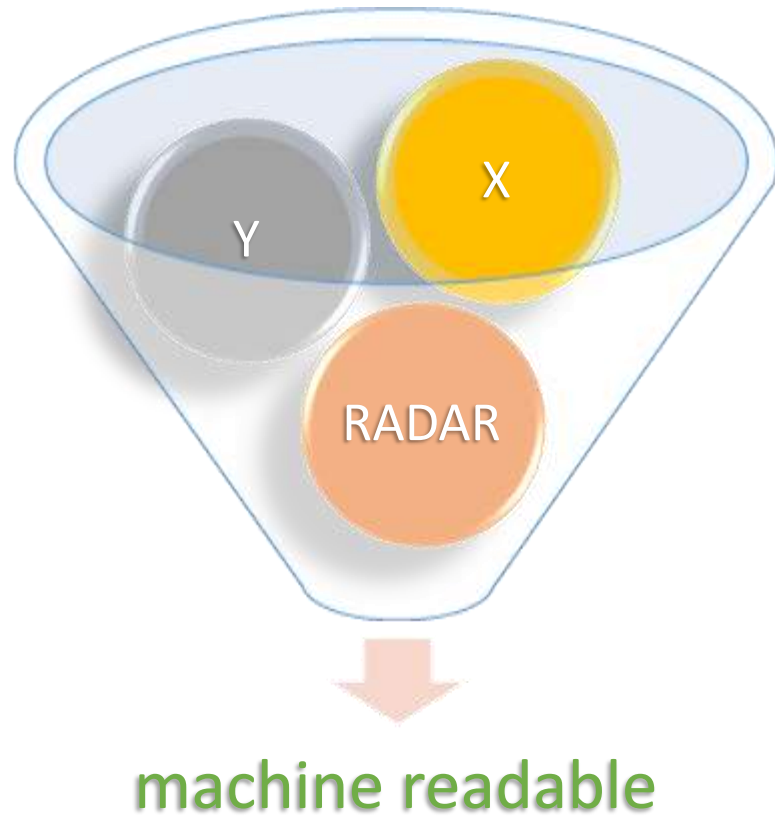
- Sort by value
- higher *order* is above lower
- *order* must be unique
 - xsd key constraint

Order relative to RADAR

- Positive *order* is above RADAR
- Zero reserved for RADAR
- Negative *order* is below RADAR

Role	Name	Desc.		Type
Class	DisplayPlane	A display plane name and definition	-	-
Subtype	CatalogItem	...	-	-
Attribute	order		1	integer

Result



Actions

Prepare
change forms



Present to
Working Group

