

Rules for displaying a photo metadata property on results page of Get IPTC PMD site										MS, as of: 2024-01-18c	stable
Rule No	Does this format with value exist			Values in sync:		Display mode: show property with value only (wvo), no technical format display					
	XMP	IIM	Exif	XMP/IIM (= IPTC)	IPTC/Exif	As IPTC-XMP,IIM	As IPTC-XMP	As IPTC-IIM	As Exif	IPTC prop in test image	
r01a	yes	yes	yes	yes	yes	yes, sync2	no	no	no/yes*)	Copyright Notice	
r02a	yes	yes	yes	no	(no2)	no	yes, NOTsync1	yes, NOTsync1	yes, NOTsync2	Copyright Notice	
r03a	yes	yes	yes	yes	no	yes, sync1	no	no	yes, NOTsync2	Copyright Notice	
r04a	yes	yes	not mapped	yes	(no1)	yes, sync1	no	no	(no)	Credit Line	
r05a	yes	yes	not mapped	no	(no1)	no	yes, NOTsync1	yes, NOTsync1	(no)	Credit Line	
r06a	yes	yes	no	yes	(no2)	yes, sync1	no	no	yes (no value) NOTsync2	Copyright Notice	
r07a	yes	yes	no	no	(no2)	no	yes, NOTsync1	yes, NOTsync1	(no)	Copyright Notice	
r08a	yes	not def	yes	(no1)	yes	no	yes, sync2	(no)	no/yes*)	Digital Image GUID	
r09a	yes	not def	yes	(no1)	no	no	yes, NOTsync2	(no)	no/yes*)	Digital Image GUID	
r10a	yes	not def	not mapped	(no1)	(no1)	no	yes	(no)	(no)	Digital Source Type	
r11a	yes	not def	no	(no1)	(no2)	no	yes, NOTsync2	(no)	(no)	Digital Image GUID	
r12a	yes	no	yes	(no2)	(no2)	no	yes, NOTsync1	(no)	no/yes*)	Copyright Notice	
r13a	yes	no	not mapped	(no2)	(no1)	no	yes, NOTsync1	(no)	(no)	Credit Line	
r14a	yes	no	no	(no2)	(no2)	no	yes, NOTsync1	(no)	(no)	Copyright Notice	
r15a	no	yes	yes	(no2)	(no2)	no	(no)	yes, NOTsync1	yes, NOTsync2	Copyright Notice	
r16a	no	yes	not mapped	(no2)	(no1)	no	(no)	yes, NOTsync1	(no)	Credit Line	
r17a	no	yes	no	(no2)	(no2)	no	(no)	yes, NOTsync1	(no)	Copyright Notice	
r18a	no	not def	yes	(no1)	(no2)	no	no	(no)	no/yes*)	Digital Image GUID	
r19a	no	not def	not mapped	(no1)	(no1)	no	no	(no)	(no)	Digital Source Type	
r20a	no	not def	no	(no1)	(no2)	no	no	(no)	(no)	Digital Image GUID	
r21a	no	no	yes	(no2)	(no2)	no	(no)	(no)	yes, NOTsync2	Copyright Notice	
r22a	no	no	not mapped	(no2)	(no1)	no	(no)	(no)	(no)	Credit Line	
r23a	no	no	no	(no1)	(no1)	no	(no)	(no)	(no)	(Any)	

General note: each IPTC PMD Standard property has a defined XMP-property, a subset of PMD Standard properties has a defined IIM-property and a mapped Exif tag
For the meaning of the *sync* notes see <https://getpmd.iptc.org/getiptcpmd-guide.html#insync1>

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Rule No	XMP	IIM	Exif	XMP/IIM (= IPTC)	IPTC/Exif	As IPTC-XMP,IIM	As IPTC-XMP	As IPTC-IIM	As Exif	IPTC prop in test image	
Note on "Values in sync": an Exif value is only compared to IPTC if XMP and IIM are in sync, or if only XMP is defined for a property.											
Basic rules for displaying a metadata property for all display modes except "Grouped by technical formats"											
- Properties are shown with the IPTC name/label defined by the specs											
- A note tells which IPTC-related format provided the value ({XMP}, {IIM}, {XMP,IIM})											
- If both XMP and IIM are defined and exist and are in sync only a single property is shown with a corresponding sync note ({XMP,IIM}, [sync1])											
- If XMP and IIM are defined and exist but are NOT in sync two entries of the same property are shown - with different format names and the sync note [NOTsync1]											
- If XMP and IIM are defined and one of these formats is missing their values are considered as being NOT in sync.											
- If only XMP is defined the property is shown without a sync note.											
- If a mapped Exif tag exists: if IPTC's XMP/IIM are in sync and their value is in sync with the Exif value a corresponding sync note is shown ({XMP,IIM}, [sync2])											
- If a mapped ...: if IPTC's XMP/IIM are in sync and their value is NOT in sync with the Exif value a corresponding sync note is shown ({XMP,IIM}, [NOTsync2])											
- If a mapped ...: if IPTC's XMP/IIM are NOT in sync their values are not compared with the Exif value, no sync note regarding Exif ([...2]) is shown											
- If a mapped ... - note: if only IPTC XMP is defined its value is compared with the Exif tag.											
Legend of column colours											
State of XML, IIM Exif property: - defined/mapped or not - if defined/mapped: has a value or not			Comparing values: its result		Displaying values						
Legend of terms in cells											
(yes)	Only a single IPTC format exists, it can be used for comparing to Exif										
(no)	Implicit no as no property is defined or exists										
(no1)	no/undefined as not two properties are defined for comparing values										
(no2)	no/undefined as not two values exist for comparing										
no/yes*)	No in the non-technical display modes, yes only in "Grouped by technical formats"										