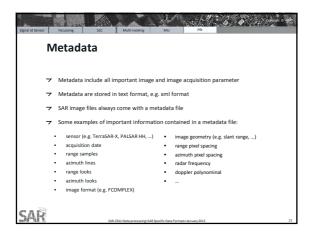
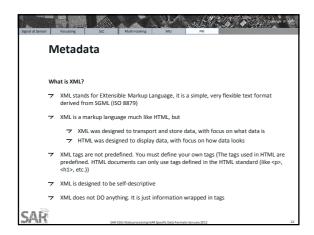
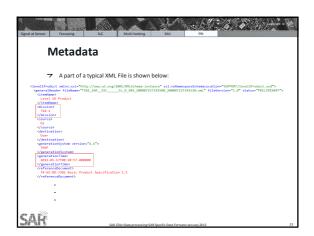


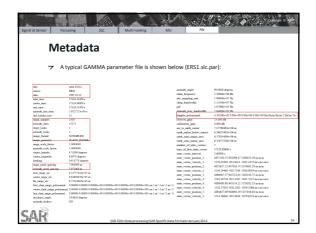
Signal at Sensor	Focusing SLC Multi-looking MU PPI	4.
	SAR processing	
F	tadiometric adjustment	
ā	7 Further radiometric corrections, compensating for effects of local pixel scattering area and local incidence angle on the local backscatter, can be carried out. Two different kinds of adiometric corrections; radiometric calibration and normalization:	
	Radiometric calibration: standardized backscatter "units"	
	Radiometric (topographic) normalisation: corrects for topographic effects	
4Za za em		
SAR	SAR-EDU>Data processina-SAR Soedific Data Formats>January 2012	15

	(proper 6			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	6 6	S colyect of
	R-specif		formats	PRI		
Satellite/ Mode	RAW	SLC	MLI	PRI	GEO	ORTHO
TerraSAR-X		SSC		MGD	GEC	EEC
JERS-1	JERS_1_RAW level 0	JERS_1_SLC level 1				
ALOS PALSAR	FBS, FBD, PLR level 1.0	FBS, FBD, PLR level 1.1		FBS, FBD, PLR level 1.5		
ENVISAT ASAR		ASA_APS_1P		ASA_APP_1P		
COSMO-SkyMed		SCS (Single Look Complex slant range)	DGM (Multi- look ground range)		GEC (Geocoded Ellipsoid Corrected)	GTC (Geocoded ar Terrain Corrected usin a DEM)
RADARSAT-1		SLC level 1		SGF level 1		
RADARSAT-2						
For the current ra different names a		generic radar p	oroducts are ver	y similar in their	characteristics,	but have
SAR		SAR EDITADAM assess	sing>SAR Specific Data Form	entralianna 2012		









Signal at Sensor	Focussing	SIC	Multi-looking		(4/A)		S colored a left
	Metadat	:a					
-	→ A typical	ENVI Hea	der File is s	shown belo	ow:		
z 2	ENVI description = { Registration Result neighbor (Wed Dec 20 samples = 709 lines = 946			1 w/ nearest			
1 d	cands = 7 ceader offset = 0 file type = ENVI Stan data type = 1 interleave = bsq sensor type = Landsat						
[1] 2 2	byte order = 0 map info = [UIM, 1, 1 30.000000, 13, North] map plot range = [0.00, map plot titles = [Wave pixel size = [30.0000	255.00) length, Reflec		000000,			
3 1	<pre>sefault stretch = 5.0 pand names = { Warp (Band 1:rs_tm.is 3:rs_tm.img), Warp (B Warp (Band 6:rs_tm.im wavelength = {</pre>	mg), Warp (Ban and 4:rs_tm.im g), Warp (Band	g), Warp (Band 5 7:rs_tm.img))	:rs_tm.img),	7		
-	0.485000, 0.560000 2.215000} December (0.070000, 0.080000, 0.270000}				→	Optical sensor!	,
SAR		SAR-ED	NU>Data processing>SA	R Specific Data Formats	>January 2012		25

	The second of th
Fu	urther reading
フ	Woodhouse 2006 pp. 300/301
フ	ftp://earth.ox.ac.uk/pub/michellp/ISP html/ISP users guide.pdf
フ	http://www.tiger.esa.int/training/SAR_LA1_th.pdf
フ	http://www.exelisvis.com/portals/0/pdfs/envi/SARscape SupportedSe nsors.pdf
フ	http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=05356148
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フ	http://earth.esa.int/landtraining07/D1LA1-LeToan.pdf
	http://www.nv.et-inf.uni-siegen.de/pb2/research/sar/sar_e.htm
SAR	SAB-FN Inhata revoscionSAB Seedle hata Formats January 2012 25