

GEOCODING OF TERRASAR-X DATA

KEY WORDS:

ABSTRACT:

1. INTRODUCTION

2. SAR GEOCODING

2.1 Geometric Distortions in SAR Images

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2.2

3.2 StripMap Mode (SM)

3.3 ScanSAR Mode (SC)

4.2 Enhanced Ellipsoid Corrected (EEC)

Parameter	Value SM	Value SC
	\leq ° °	\leq ° °
° °		

3.4 Polarisation

4.3 Geocoded Layover Shadow and Incidence Angle Mask (GIM)

4. TERRASAR-X GEOCODED PRODUCTS

4.1 Geocoded Ellipsoid Corrected (GEC)

6.3 Digital Elevation Model Data Base

6. PROCESSING ENVIRONMENT

6.1 TerraSAR-X Multimode SAR Processor (TMSP)

6.2 GEC & EEC Generation

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6.4 Experimental GTC Processor

6.4.1

Proc. of ERS-Envisat Symposium

IGARSS'99

Proc. of

6.4.2

International Congress of the ISPRS

Proc. of 16'th

7. CONCLUSION

of IGARSS'96

Proc.

*Proc. of Joint
International Symposium on Geospatial Theory, Processing and
Applications*

8. REFERENCES

*Proc. of 2nd
GRSS/ISPRS Workshop on Remote Sensing and Data Fusion
over Urban Areas*

Conference

Proc. of Eusar2004