# JERS SAR User Note

## Title:

**Differences between acquisition and zero-Doppler time**

## Description:

Although the product relevant information for the user is the zero-Doppler start/stop times, the filename (and hence also the metadata (MTD)) reports the data acquisition times. However, the zero-Doppler start/stop times are reported in the product header in the Data Set Summary Record of the Leader File, field 126, bytes 1815-1838 and 1863-1886 (as specified in the JERS/SEASAT SAR Products CEOS FORMAT SPECIFICATIONS, JSIPFCEOS- SPEC, Issue 1, Revision 3, 07/2014).

The maximum difference observed between the acquisition start/stop times and the image zero-Doppler start/stop times is 5 seconds. Due to the JERS-1 ground speed of ~7 km/s this could equate to up to a 30 km shift in the azimuth direction.

## Degradation types:

N.A.

## Degradation percentage:

N.A.

## Impacted products:

* **Acquisition modes**: PRI, SLC
* **Product types:** L1
* **Polarizations**: HH
* **IPF version:** IPF v2.05 patch 3
* **Beginning/end of the issue**: Entire mission

## Cause:

N.A.

## Status:

No action.

## References:

* IDEAS+-VEG-OQC-REP-2620\_JERS\_SAR\_Reprocessing\_QC\_V1.4