



SCAN 2D seismic raw field data deliverables for newly acquired 2D seismic data

For each 2D seismic line acquired by EBN the following products will be delivered to TNO/NLOG:

- SPS data files for shot and receiver data and cross-reference file
- Observer logs, source and receiver post-plot data and boom box data
- Line completion report
- Identified SEG Y shot records

SCAN 2D seismic processing deliverables for newly acquired 2D seismic data

For each 2D seismic line processed by EBN the following products will be delivered to TNO/NLOG:

SEG Y Seismic Final Products:

1. Final Stack Pre-Stack Time Migration, (near/mid/far & full volumes), **on final datum, zero phase**
File names: SURVEYIDLINENAME_PreSTM_final_full.sgy
SURVEYIDLINENAME_PreSTM_final_near.sgy
SURVEYIDLINENAME_PreSTM_final_mid.sgy
SURVEYIDLINENAME_PreSTM_final_far.sgy
2. Final Stack Pre-Stack Time Migration, (near/mid/far & full volumes, with pre-migration, pre-stack and post-stack scaling included), **on final datum, zero phase**
File names: SURVEYIDLINENAME_PreSTM_final_full_AGC.sgy
SURVEYIDLINENAME_PreSTM_final_near_AGC.sgy
SURVEYIDLINENAME_PreSTM_final_mid_AGC.sgy
SURVEYIDLINENAME_PreSTM_final_far_AGC.sgy

Velocity Final Products:

3. RMS stacking velocities prior to first pass migration, **on floating datum**
File names: SURVEYIDLINENAME_RMS_Velocities_Stacking.sgy – SEG Y format
SURVEYIDLINENAME_RMS_Velocities_Stacking_ascii.txt – ASCII format
4. Final RMS migration velocities, **on final datum**
File names: SURVEYIDLINENAME_PreSTM_Velocities_Migration.sgy – SEG Y format
SURVEYIDLINENAME_PreSTM_Velocities_Migration_ascii.txt – ASCII format
5. Final Imaging ETA Field, **on final datum**
File names: SURVEYIDLINENAME_PreSTM_Final_Eta.sgy – SEG Y format
SURVEYIDLINENAME_PreSTM_Final_Eta_ascii.txt – ASCII format



SCAN 2D seismic processing deliverables for reprocessing projects

For each 2D seismic line reprocessed by EBN the following products will be delivered to TNO/NLOG:

SEGY Seismic Final Products:

1. Final Stack Pre-Stack Time Migration, (near/far & full volumes), **on final datum, zero phase**
File names: SURVEYID_LINENAME_PreSTM_final_full.sgy
SURVEYID_LINENAME_PreSTM_final_near.sgy
SURVEYID_LINENAME_PreSTM_final_far.sgy
2. Final Stack Pre-Stack Time Migration, (near/mid/far & full volumes, with pre-migration, pre-stack and post-stack scaling included), **on final datum, zero phase**
File names: SURVEYID_LINENAME_PreSTM_final_full_AGC.sgy

Velocity Final Products:

3. RMS stacking velocities prior to first pass migration, **on floating datum**
File name: SURVEYID_LINENAME_RMS_velocities_stacking.sgy – SEG Y format
SURVEYID_LINENAME_RMS_velocities_stacking_ascii.txt – ASCII format
4. Final RMS migration velocities, **on final datum**
File names: SURVEYID_LINENAME_PreSTM_velocities_migration.sgy – SEG Y format
SURVEYID_LINENAME_PreSTM_velocities_migration_ascii.txt – ASCII format

In case an anisotropic Kirchhoff Pre Stack Time Migration algorithm was used, a final ETA field is provided:

5. Final Imaging ETA Field, **on final datum**
File names: SURVEYID_LINENAME_PreSTM_final_eta.sgy – SEG Y format
SURVEYID_LINENAME_PreSTM_final_eta_ascii.txt – ASCII format

In case of a curved ray Kirchhoff Pre Stack Time Migration algorithm was used, an ETA field is not applicable.

SEGY Identified Raw Shot Field data:

6. Identified raw shot field data, as acquired, but with coordinates in the SEG Y header, on acquisition datum
File name: SURVEYID_LINENAME_ID_shots.sgy



Please note the following exceptions from the above mentioned deliverables and file names for the following reprocessing projects:

DMT reprocessing, EBN contract GTO-18-C004:

For the DMT reprocessing item 2 was not delivered. EBN's decision to also request AGC scaled migrations was taken AFTER the DMT reprocessing was completed.

TEEC reprocessing, EBN contract GTO-19-C033-01:

For the TEEC reprocessing 2 migration velocities files were delivered, as TEEC's migration algorithm works with a picked interval velocity field, not a RMS velocity field. For consistency sake, TEEC delivered the original picked interval velocity field as well as the velocities converted to RMS velocities.

The file names for item 4 are therefore as follows:

- RMS velocities: SURVEYID_LINENAME_PreSTM_velocities_migration_RMS.sgy – SEG Y format
- RMS velocities: SURVEYID_LINENAME_PreSTM_velocities_migration_RMS_ascii.txt – ASCII format
- Interval velocities: SURVEYID_LINENAME_PreSTM_velocities_migration_VINT.sgy – SEG Y format
- Interval velocities: SURVEYID_LINENAME_PreSTM_velocities_migration_ascii.txt – ASCII format

In addition to the standard Kirchhoff Pre Stack Time Migrations TEEC also provided Kirchhoff Post Stack Time Migrations for selected lines with the following file names:

- SURVEYID_LINENAME_PosSTM_final_full_AGC.sgy

In addition to the standard Kirchhoff Pre Stack Time Migrations TEEC also provided Kirchhoff Pre Stack Time Migrations with prior CRS processing applied for 3 selected lines, with and without AGC scaling for the full volume applied to the data.

The file names are as follows:

- SURVEYID_LINENAME_PreSTM_final_near_with_CRS.sgy
- SURVEYID_LINENAME_PreSTM_final_far_with_CRS.sgy
- SURVEYID_LINENAME_PreSTM_final_full_with_CRS.sgy
- SURVEYID_LINENAME_PreSTM_final_full_AGC_with_CRS.sgy