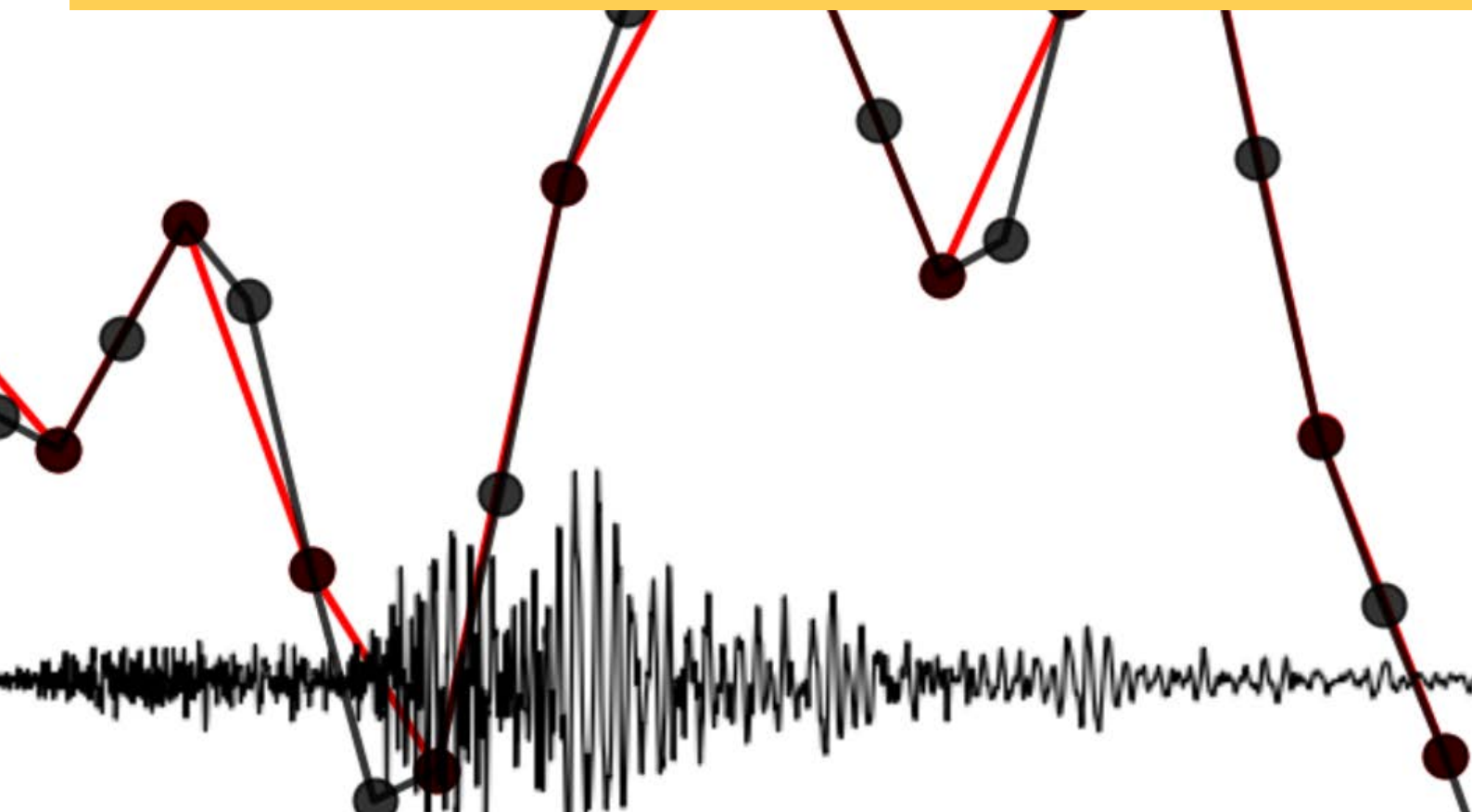




RAPPORTI TECNICI INGV

Testing different Obspy functions for
data processing in the Engineering
Strong-Motion Database



ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA

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ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA

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Testing different Obspy functions for data processing in the Engineering Strong-Motion Database

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Cover Magnitude-Distance distribution (detail) | *Copertina Distribuzione magnitudine-distanza (dettaglio)*

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Abstract

Strong-motion data processing is necessary to evaluate reliable ground-motion for seismological and engineering applications. To this end, a waveform processing tool fully integrated within the Engineering Strong-Motion (ESM) database [1] was implemented [Luzi et al., 2016; Puglia et al., 2018] and is now updated with an enhanced automatic processing framework [Mascandola et al., 2023] that increases the efficiency of the ESM processing system.

Before releasing the updated tool, we test different Obspy [Krischer et al., 2015] functions for waveform resampling, integration and differentiation, in the workflow of the ESM processing scheme [Paolucci et al., 2011]. In this study, we provide the results of the tests that evaluate the impact of the new functions on peak ground parameters and spectral amplitudes, providing documentation for the users of the ESM processing tool.

Keywords Waveform processing; Engineering Strong Motion database; Strong motion data

Introduzione

Strong-motion records are essential to study the ground-motion of strong earthquakes and the behavior of structures subjected to shaking. Accelerometric waveforms should be processed before their use to remove noise of different nature in the records and evaluate reliable ground motion intensity measures.

To this aim, a processing tool fully integrated within the Engineering Strong Motion (ESM) database was designed [Paolucci et al., 2011; Luzi et al., 2016; Puglia et al., 2018]. The complete data processing flowchart of ESM is shown in Figure 1.

Since the database contains waveforms recorded since the 1960s, the flowchart is divided into two main branches based on the instrument type (analog or digital). Signals recorded by analog instruments might be triggered on the P-wave phase (analog normal-triggered) or the S-wave phase (analog late-triggered).

The functions used for strong-motion data processing are summarized as:

- linear detrending of the uncorrected acceleration signal (subtraction of a first-order polynomial);
- resampling at 200 Hz (0.005 s) to provide users (e.g., engineers, practitioners or students) waveforms standardized to a predefined sampling rate;
- (begin/end) cosine taper, with a percentage fixed to 5% of the signal length, with the possibility of being modified by the user. At this stage, analog records identified as late-triggered are not tapered at the beginning, whereas analog records identified as normal-triggered are tapered at the beginning by an amount based on the cumulated Arias intensity $I(t)$ (see Figure 1: D1 is the time span between the starting of the records and the time where $I(t) = 0.05$, D2 is the time span between $I(t) = 0.05$ and $I(t) = 0.95$, D3 is the time span between $I(t) = 0.95$ and the end of the records).
- visual inspection of the Fourier spectrum to select the cut-off frequencies for the band-pass filter (cut-off frequencies may be different for the three components);
- application of a 2nd-order acausal time-domain Butterworth filter to the acceleration time-series; zero-pads are added at the beginning and the end of the signal before the acausal filter is applied [Boore, 2005];
- removal of the zero pads from the acceleration trace of the digital or analog normal-triggered

- records; zero pads are kept for late-triggered records;
- computation of the velocity signal and linear detrending;
- (begin/end) taper of the velocity signal as described before. At this stage, analog records identified as late-triggered are tapered at the end by an amount based on the length of zero-pads (Tpad) and trace duration;
- computation of displacement signal and linear detrending;
- (begin/end) taper of the displacement signal, as for the velocity signal;
- double differentiation to obtain the final acceleration;
- integration to obtain the final velocity and displacement.

Since 2009, data processing in ESM has focused on distributing manually reviewed data to ensure the highest quality. However, manual processing has become unsustainable due to the ever-growing volume of digital earthquake records from global, regional, and national seismic networks. To address this issue, we introduced ESMpro [Mascandola et al., 2023], a Python software that uses the functions implemented in Obspy [Krischer et al., 2015] to update the current ESM processing framework. This new tool will reduce the manual revision workload by pre-processing the records and assigning quality classes [Mascandola et al., 2023], ensuring that only a smaller subset of records requires manual review.

In this study, we test Obspy functions for waveform resampling, integration, and differentiation to be included in the new ESM processing tool. We evaluate their impact on peak ground intensity measures and spectral amplitudes. The test is performed on two datasets that cover a wide range of magnitudes and distances.

1. Test Datasets

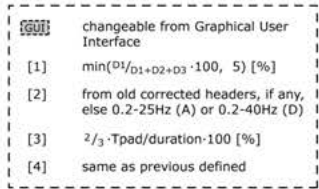
Two datasets are used for testing purposes. Dataset A contains 3500 three-component accelerometric records (Figure 2a), with an original sampling rate of 100 Hz, manually processed in ESM. This dataset is used for testing upsampling from 100 Hz to 200 Hz, differentiation and integration. Dataset B consists of 1278 three-component manually processed accelerometric records with an original sampling frequency of 250 Hz (Figure 2b) and is used to test the effects of downsampling from 250 Hz to 200 Hz. This dataset is smaller due to the limited amount of data sampled at frequencies above 200 Hz in ESM (most records are from the CH Switzerland Seismological Network; [Swiss Seismological Service, 1983]).

It is worth noting that the ESM policy for event data publication requires that only events with at least one magnitude estimate equal to or greater than 4.0 are released. Since ESM is a dynamic database, if the event catalog is updated after publication, the corresponding data may become public or private depending on the revised magnitude. Consequently, not all data included in datasets A and B are currently publicly available on ESM.

2. Upsampling

In the previous ESM processing scheme (hereinafter *ESM-Old*), the upsampling was performed with a linear interpolation (i.e., `scipy.interpolate.interp1d`), although many studies highlighted the drawback of this approach in introducing high-frequency noise above the Nyquist frequency [e.g., Phillips et al., 2012; Boore et al., 2014].

In this paragraph, we test the effect of other Obspy upsampling functions on ground motion intensity measures and spectral amplitudes. We initially focus on a single trace and then perform a statistical test on Dataset A to identify potential biases. The only pre-processing applied to



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the raw traces before upsampling includes *linear detrend* (removal of the linear function fitting the waveform).

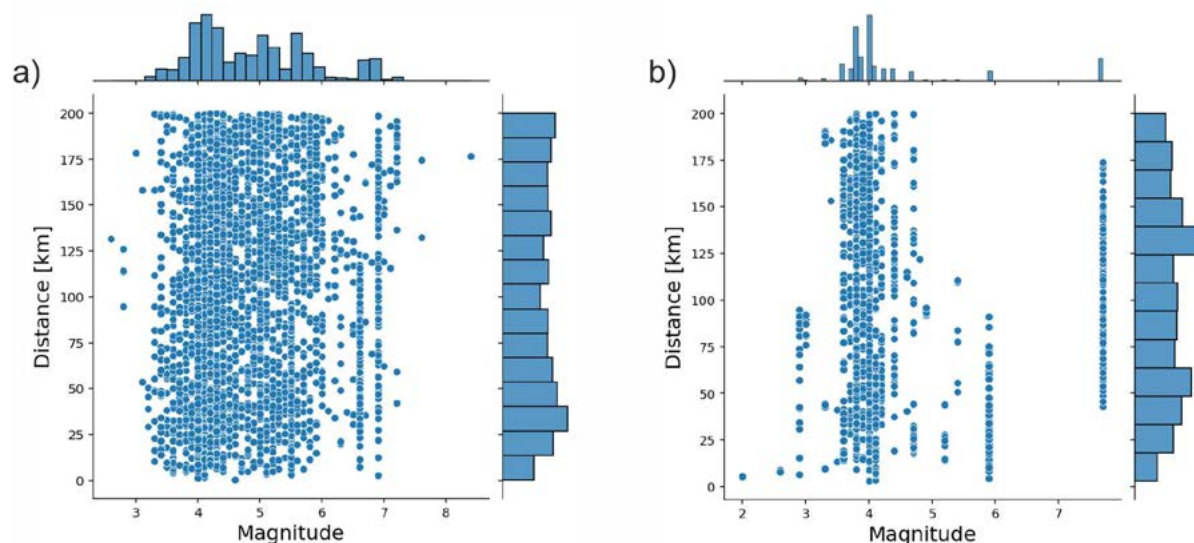


Figure 2 Magnitude-Distance distribution of Dataset A (a) and Dataset B (b).

2.1 Sample trace test

We use RA.STUF.00.HNE.INT-20220910_0000177.h5 as a sample trace, provided in the electronic supplement (see Appendix A). Waveform data and metadata are provided in the Adaptable Seismic Data Format (ASDF) [Krischer et al., 2016], following the structure described in Vitrano et al. [2024]. The original sampling rate of the sample trace is 100 Hz, and the final sampling rate is 200 Hz. Figure 3a-b shows the Fourier amplitude spectra (FAS) and the time series before (CV) and after upsampling with the previous method (*ESM-Old*). Specifically, we evaluate the impact of two Obspy functions: *trace.resample* and *trace.interpolate*.

2.1.1 Obspy *trace.resample*

Trace.resample adopts *scipy.signal.resample* that uses the Fourier method [Liou, 1982]. The interpolation function adopted by *trace.resample* is the *sinc* function [e.g., Yaroslavsky, 1996; Boore et al., 2014]:

$$\text{sinc}(t) = \frac{\sin(\pi t)}{\pi t} \quad (1)$$

Before the interpolation, the FAS is padded with zeroes to extend the frequency range above the Nyquist frequency of the initial sampling rate to reach the target sampling rate (in this case 200 Hz) without introducing aliasing above the Nyquist frequency of the original signal. The parameter *window* tapers the Fourier spectrum before zero-padding to alleviate ringing in the resampled signals.

The application of *trace.resample* with a default *Hanning window* (hereinafter *Res-Han*) causes a decrease of FAS in the high-frequency range (Figure 3c), which results in a significant reduction of the Peak Ground Acceleration (PGA) in the time domain, as shown in Figure 3d (in this case a 9% decrement).

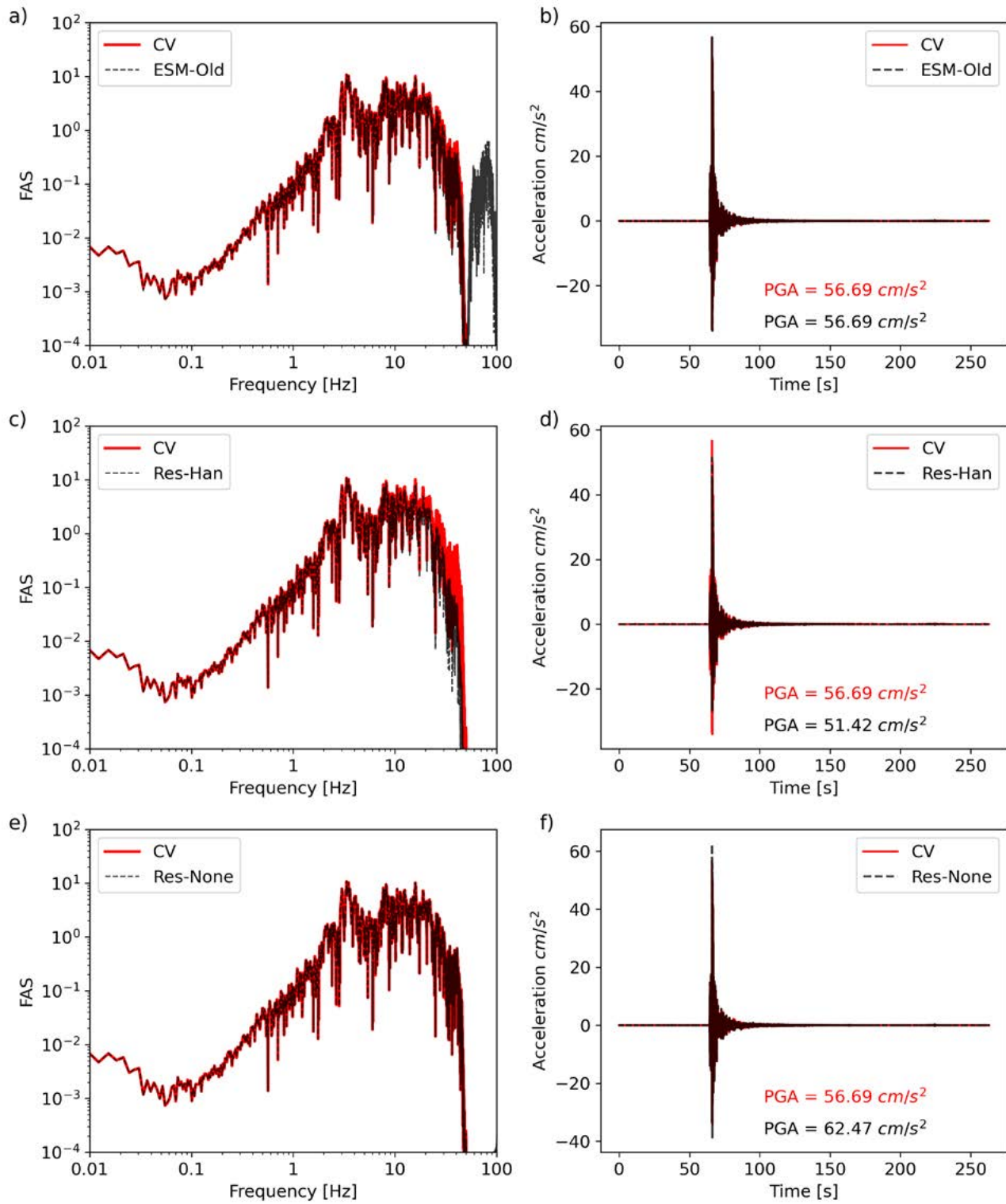


Figure 3 FAS and accelerometric time history before (CV) and after upsampling with (a-b) *ESM-Old*; (c-d) *Res-Han*, (e-f) *Res-None*.

The application of *trace.resample* without the tapering window (i.e., *window = None*; hereinafter *Res-None*) does not alter the FAS (Figure 3e), but it causes a significant increase of the PGA in the time domain, as shown in Figure 3f (in this case, a 10% increase). The PGA increase is detailed in Figure 4, which shows the sample trace before and after resampling.

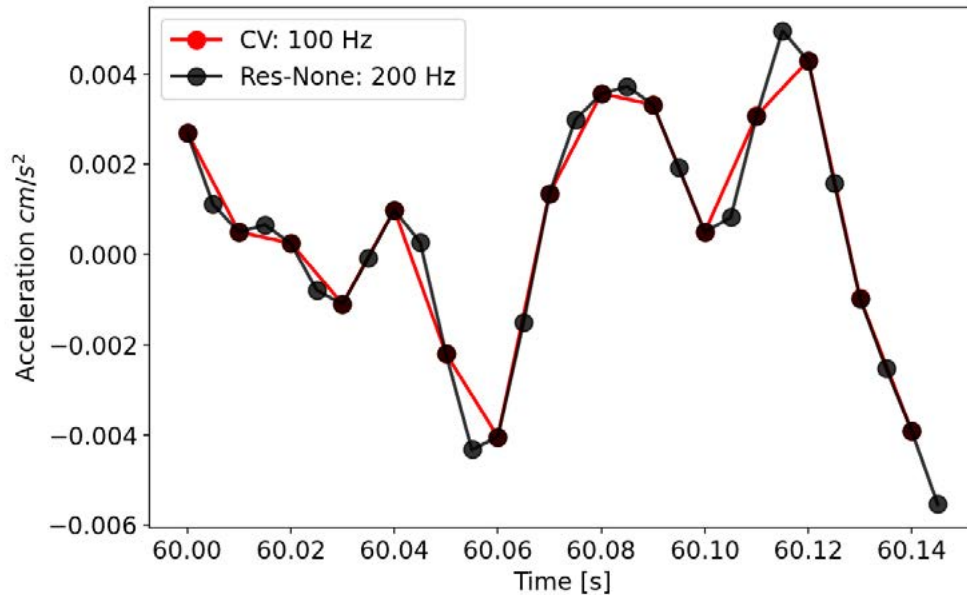


Figure 4 Effect of upsampling on the waveform (zoom around 60 s). Black: *trace.resample* with parameter *window = None* (*Res-None*); Red: original signal (CV).

2.1.2 Obspy *trace.interpolate*

Trace.interpolate supports various interpolation techniques. In this study, we tested the *weighted_average_slopes* and the *lanczos* methods. The former is the Obspy default option, also adopted in SAC [Goldstein et al., 2003], the latter is the method suggested by Boore et al. [2014].

The *weighted_average_slopes* option (hereinafter *Int-was*) refers to *obspy.signal.interpolation.weighted_average_slopes*, which implements the weighted average slopes interpolation scheme proposed in Wiggins [1976]. It computes the new interpolated signal from a weighted combination of adjacent points. The weights are determined by local derivatives (slopes), thus reducing error where the waveform changes rapidly. This method still introduces some aliasing above Nyquist frequency (Figure 5a), but it does not impact the PGA of the raw trace (Figure 5b).

Trace.interpolate with the *lanczos* method (hereinafter *Int-Lanc*) implements *obspy.signal.interpolation.lanczos_interpolation*. It is an extension of *sinc* interpolation (adopted in *trace.resample*) that incorporates the Lanczos window to taper the *sinc* function to reduce artefacts associated with rapid amplitude variations [Boore et al., 2014]. The application of *Int-Lanc* needs the additional parameter *a*, i.e. the width of the window, in samples, on either side. According to the Obspy documentation, runtime scales linearly with the value of *a*, although the interpolation gets more accurate. The documentation suggests a value of $a \geq 20$. Considering these guidelines, in Figure 6, we have tested $a = 20, 50, 100$. Although we still observe aliasing above Nyquist frequency for $a = 20$ and 50 (Figure 6a-b), the *Int-Lanc* method with $a = 100$ (Figure 6c) is similar to *trace.resample* with the option *window = None* (Figure 3e). Indeed, the acceleration time history obtained with the *Int-Lanc* method and $a = 100$ (Figure 7a) provides the same increase in PGA as the *Res-None* method (Figure 3f). A zoom on the interpolated sample trace (Figure 7b) reveals the same behavior as *Res-None* in the same timestamp (Figure 4b).

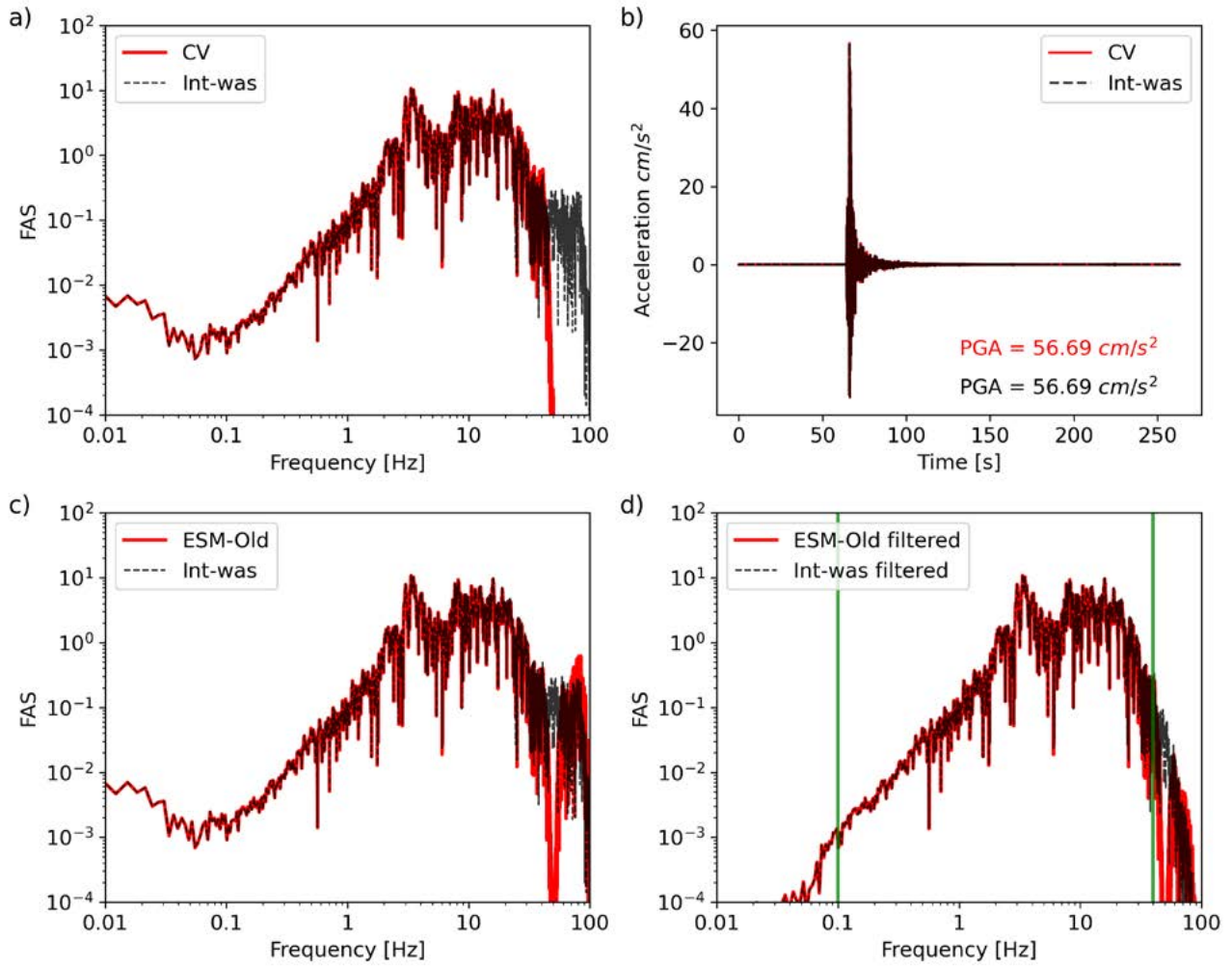


Figure 5 a) FAS and b) accelerometric time history before (CV) and after upsampling with *trace.interpolate* and default method *weighted_average_slopes* (Int-was).

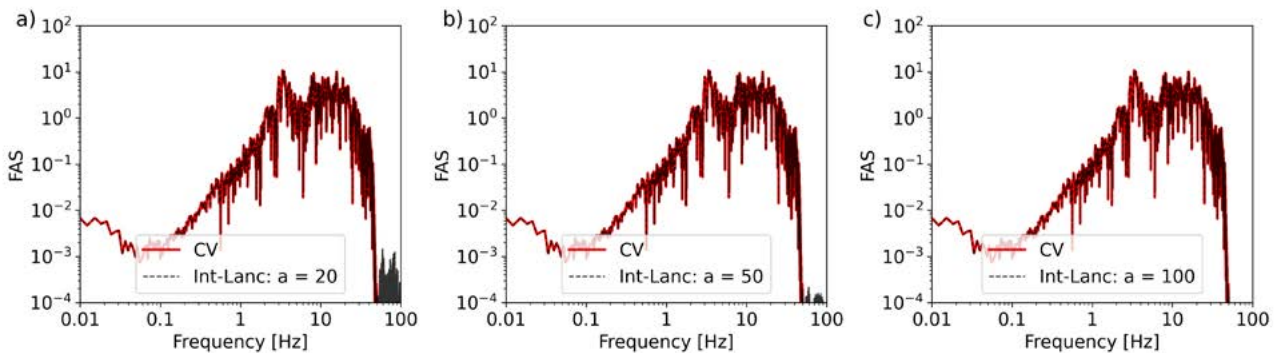


Figure 6 FAS of waveforms interpolated with *Int-Lanc* method with the following options: a) $a = 20$; b) $a = 50$; c) $a = 100$.

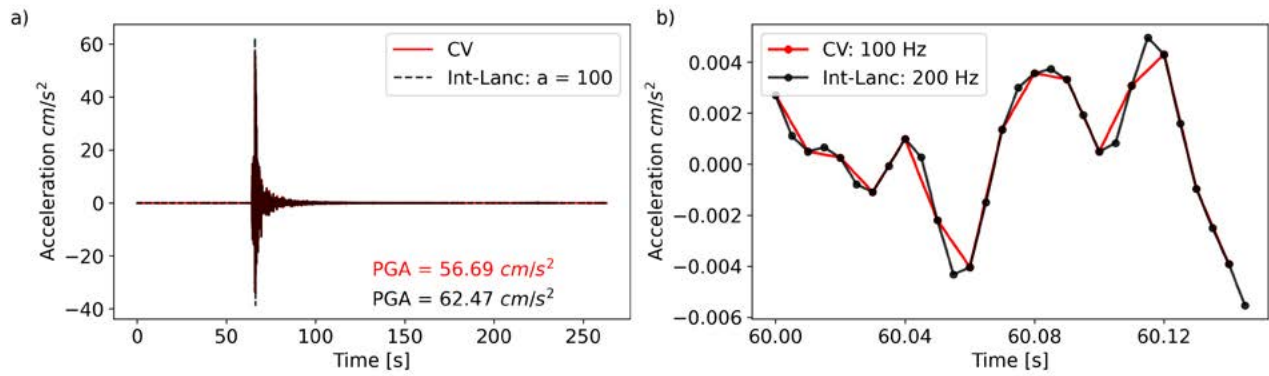


Figure 7 a) Acceleration time history of the resampled waveform with *trace.interpolate* and *lanczos* method with $a = 100$ (*Int-Lanc*), compared to CV trace. b) Zoom in on the waveforms around 60 s.

2.2 Statistical Test

For the statistical test on the entire Dataset A (see Appendix B), we select the two upsampling methods that provide the best results in the frequency and time domains, namely *trace.resample* without the tapering window (*Res-None*) and *trace.interpolate* with *weighted_average_slopes* option (*Int-was*). We compare the results with the outcome of *ESM-Old* using Dataset A. The resampling is applied to the raw traces after *linear detrend*. The comparison is made in terms of PGA, the ordinates of the FAS in different frequency ranges (i.e. 0.01-1 Hz, 1-10 Hz, and 10-50 Hz), and the ordinates of the acceleration response spectrum (SA) in different period ranges (i.e. 0.01-1s, 1-4s, 4-10s). The results of the statistical test on PGA are reported in Figure 8. Whereas *ESM-Old* and *Int-was* provided very similar results, with a very low impact on the original PGA, *Res-None* increases the PGA up to 10%. The effect of resampling on spectral amplitudes (Fourier and response spectra) is evaluated by computing the Pearson coefficient between the spectra before and after upsampling.

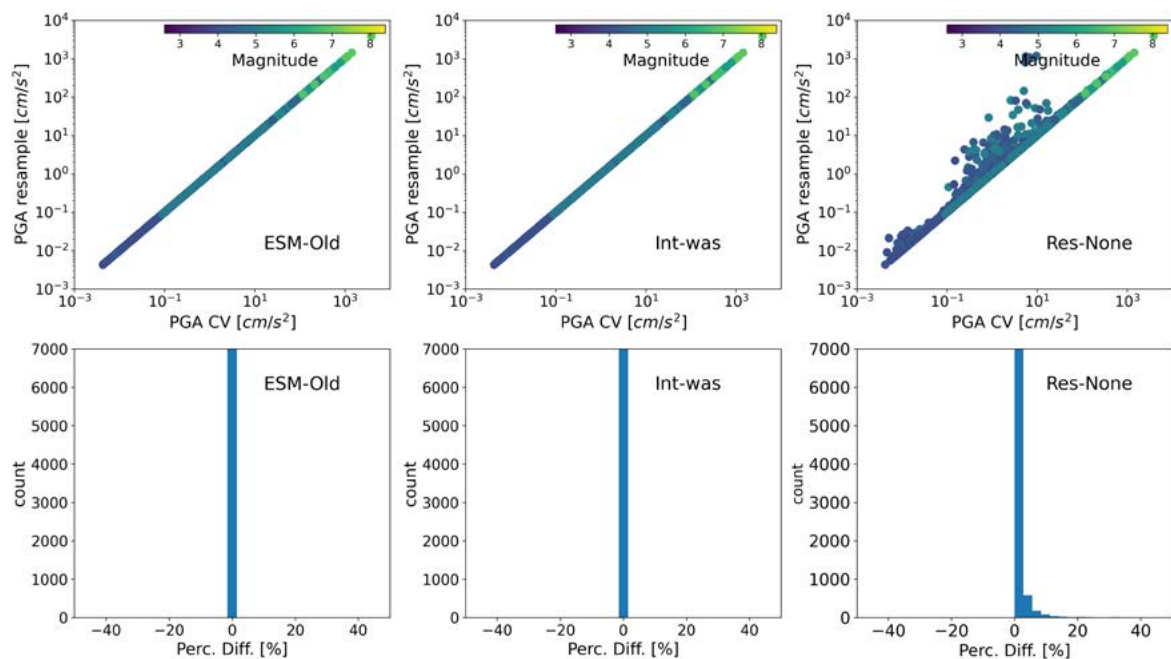


Figure 8 Top panels: comparison between the PGA of the original (CV) traces and the PGA of the resampled traces with the following methods: *ESM-Old* (left); *Int-was* (middle); and *Res-None* (right). Bottom panels: percentage differences plot.

Figure 9 shows that *ESM-Old* and *Int-was* do not affect the FAS in the frequency range 0.01-50 Hz, whereas *Res-None* slightly affects the FAS in the high-frequency range 10-50 Hz. The same occurs for the acceleration response spectra (SA), where the impact of *Res-None* is highlighted in the short period range between 0.01s and 1s (Figure 10).

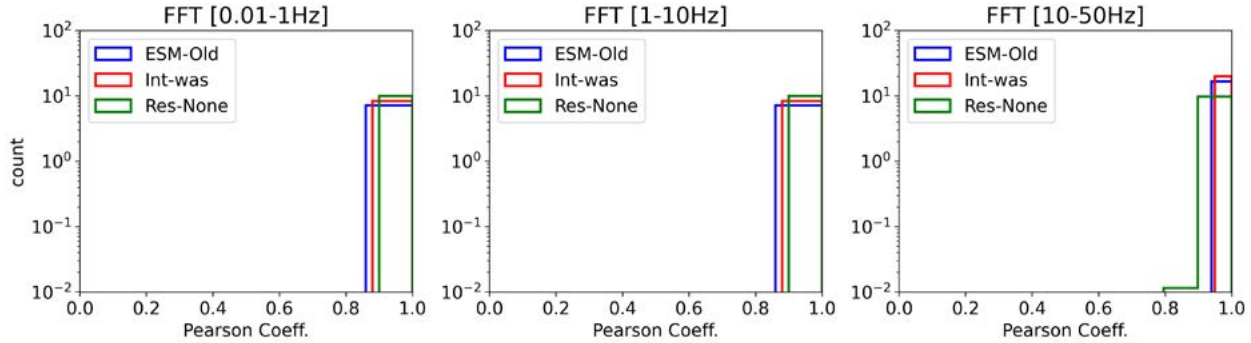


Figure 9 Pearson coefficients of FAS between 0-50 Hz. Pearson coefficients are computed between FAS of the resampled traces (with *ESM-Old*, *Int-was*, *Res-None* methods) and FAS of CV traces.

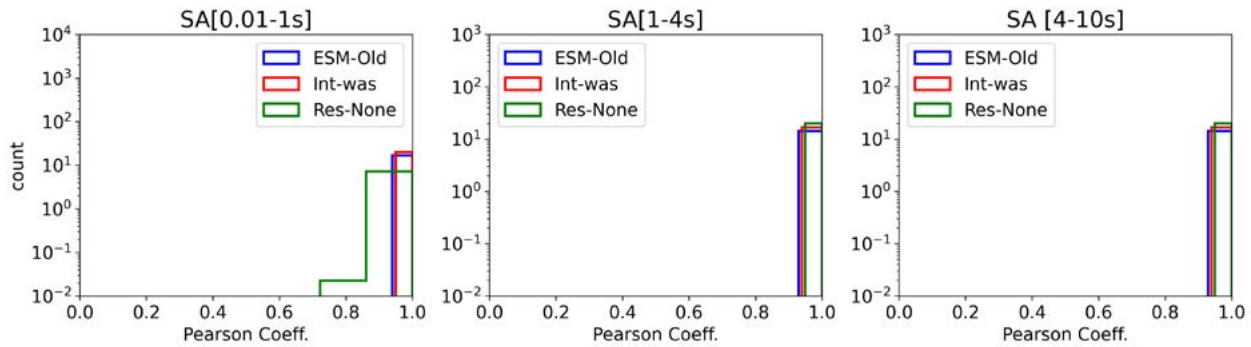


Figure 10 Pearson coefficients of acceleration response spectra (SA) between 0.01s and 10s. Pearson coefficients are computed between the SA of the resampled traces (with *ESM-Old*, *Int-was*, *Res-None* methods) and the CV traces.

Table 1 summarizes the results of the statistical tests and the corresponding observations derived from the sample trace employed for upsampling in ESM. Among the examined methods, the *trace.interpolate* function with the *weighted_average_slopes* option (*Int-was*) exhibits the smallest influence on both peak ground motions and spectral amplitudes. The primary distinction with respect to the *ESM-Old* approach emerges in the vicinity of the Nyquist frequency: while *Int-was* tends to smooth and flatten the spectral content around and beyond the Nyquist frequency, *ESM-Old* reproduces the original spectrum up to the Nyquist limit and subsequently induces a pronounced increase in aliasing beyond it. Overall, *Int-was* effectively mitigates aliasing effects above the Nyquist frequency without altering either the PGA or the response spectral amplitudes (SA).

	<i>ESM-Old</i>	<i>Int-was</i>	<i>Res-None</i>
PGA	No effect	No effect	Increases by 10 %
FAS	Aliasing above the Nyquist frequency	Aliasing above the Nyquist frequency is reduced compared to ESM-Old	No aliasing above the Nyquist frequency. Decreases the high-frequency amplitude of the FAS (in the range 10-50 Hz)
SA	No effect	No effect	Modifies the short-period amplitudes (in the range 0.01-1 s)

Table 1 Summary of statistical tests and sample trace observations for waveform upsampling.

3. Downsampling

The *ESM-Old* processing scheme uses the Obspy function *trace.decimate*, which applies an anti-aliasing filter and reduces the sampling rate of trace data by an integer factor. However, waveforms cannot always be downsampled by an integer factor. To address this issue, the solution adopted in *ESM-Old* is to upsample the trace to 1000 Hz, and subsequently downsample it to 200 Hz by applying an integer factor of 5.

In this paragraph, we compare the downsampling adopted in the current processing (*ESM-Old*) with the downsampling performed with the Obspy functions *trace.resample* and *trace.interpolate*. In addition, the Scipy function *resample_poly*, which refers to *scipy.signal.resample_poly*, is also evaluated. *Resample_poly* is based on polyphase filters (Lizhe T. and Jean J. [2019] and references therein), a kind of all-pass filter with different phase shifts (e.g. filter that passes all frequencies with equal amplitude but alters their phase relationships). The original FIR filter is split into several subfilters (phases), each processing a different subset of the input samples. These subfilters work in parallel, allowing the system to perform filtering and downsampling simultaneously, which greatly reduces computational cost. By combining the outputs of all phases, the polyphase structure ensures that the frequency response remains accurate, minimizing spectral leakage and distortion after decimation, preserving the overall waveform shape even when the number of samples is reduced.

The *trace.resample* is applied with the options “window = None” and “no_filter = False”, which activates the anti-aliasing filter (hereinafter *Res-None*). *Trace.interpolate* is applied with the option *weighted_average_slopes* (hereinafter *Int-was*), but since it does not include the anti-aliasing filter, we apply the same filter as *trace.resample* and *trace.decimate* i.e., *stream.filter('lowpass_cheby_2', freq=Nyquist_frequency, maxorder=12)*. *Resample_poly* (hereinafter *Res-Poly*) is applied with the default options “window=('kaiser', 5.0)” and “padtype='constant’”. The up and down factors are computed using the fractional ratio between the original and final sampling rates. The final sampling rate is up / down times the original sample rate.

3.1 Sample trace test

In this section, we use the waveform CH.SLUB..HGE.EMSC-20120211_0000053.h5 provided in the electronic supplement (see Appendix A). The original sampling rate is 250 Hz, and the final sampling rate is 200 Hz. For the downsampling test, the processing applied to the raw traces is *linear detrend*. Figure 11a-b shows the waveforms in the time and frequency domains after the *ESM-Old* downsampling. The FAS is affected only in the high-frequency range, so the spectrum and the original PGA are slightly reduced.

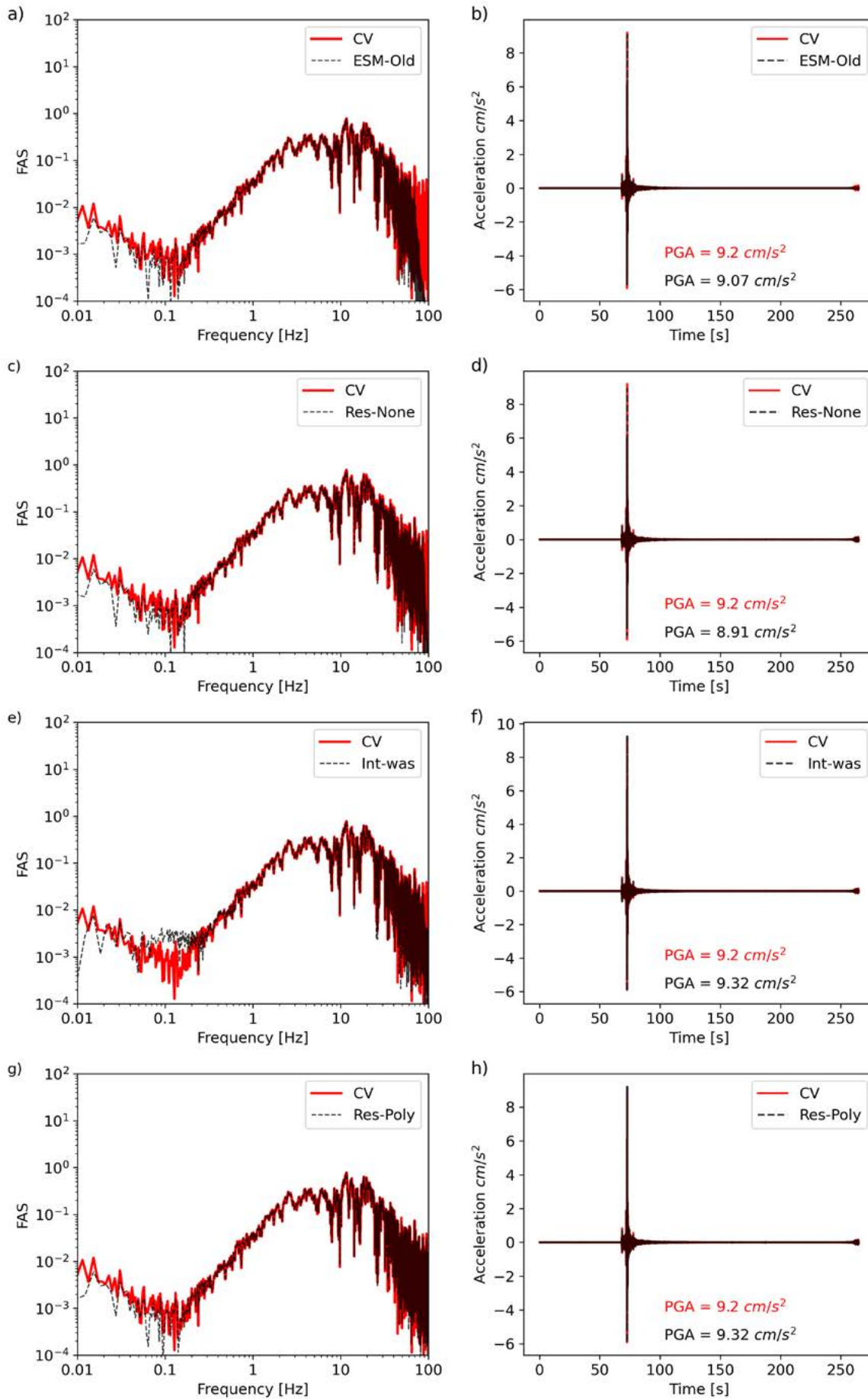


Figure 11 Downsampling with the methods *ESM-Old* (a-b), *Res-None* (c-d), *Int-was* (e-f), *Res-Poly* (g-h). The CV trace and the corresponding FAS are shown as a red line.

The method *Res-None* performs downsampling in the Fourier domain by removing the high-frequency components that exceed the Nyquist frequency corresponding to the new sampling rate. The results, shown in Figure 11c-d, indicate that the FAS is well preserved, although the original PGA is slightly reduced. A limitation of this method is that the output signal may exhibit a phase shift of up to half a sample relative to the original waveform (Figure C1 in Appendix C), as reported in an earlier Obspy issue [2].

In contrast, the method *Int-was* can significantly affect the FAS in the low frequency range (Figure 11e) and slightly increase the original PGA (Figure 11f).

The *Res-Poly* method preserves the amplitudes of the original signal in the frequency domain (Figure 11g) and provides the most accurate reproduction of the original amplitudes near the Nyquist frequency (Figure C2 in Appendix C). In the time domain, *Res-Poly* can slightly affect the PGA (Figure 11h), but does not introduce any phase shift in the output waveform (Figure C1 in Appendix C).

3.2 Statistical Test

The results of waveform downsampling using *ESM-old*, *Res-None*, *Int-was* and *Res-Poly* are tested on Dataset B (see Appendix B). Figure 12 shows that the impact of the different downsampling techniques on PGA is limited across all four methods.

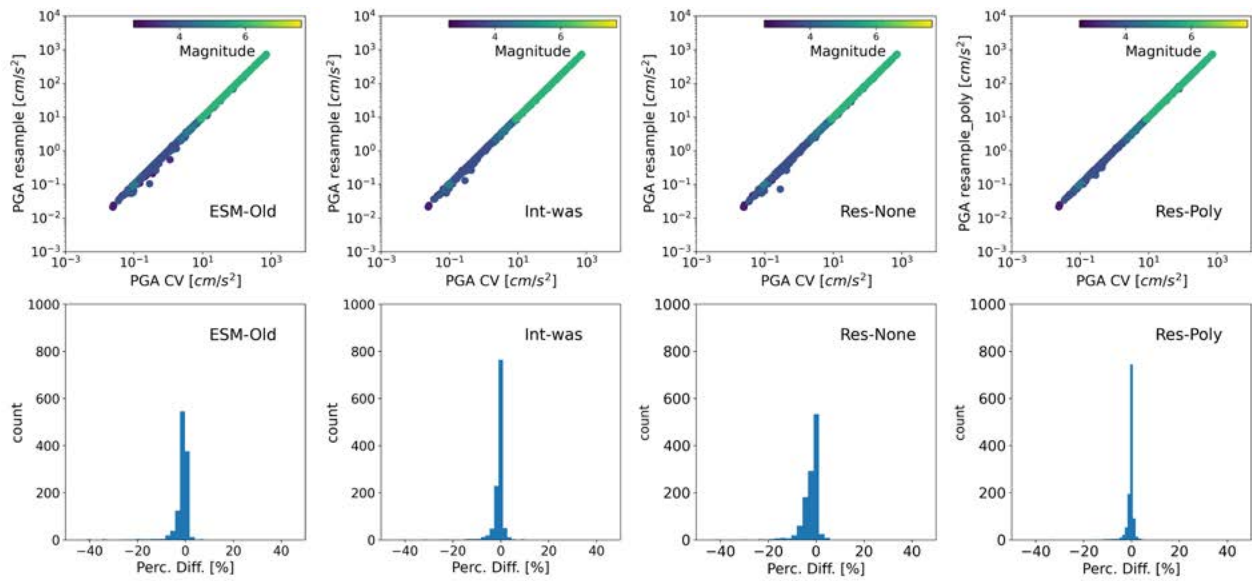


Figure 12 Top panels compare PGA of CV traces versus PGA obtained after downsampling with *ESM-Old*, *Int-was*, *Res-None*, and *Res-Poly* methods. Bottom panels plot the corresponding percentage differences.

As for upsampling, the effect on spectral amplitudes is evaluated by computing the Pearson coefficient on the spectra before and after downsampling. The Pearson coefficients, computed on the FAS in three ranges of frequencies (low 0.01-1 Hz, intermediate 1-10 Hz, and high 10-50 Hz), do not show significant differences in the intermediate frequency range 1-10 Hz (Figure 13). In the range 0.01-1 Hz, the *Int-was* method alters the low-frequency content of the signal (Figure 11e), which is reflected in the Pearson coefficients of Figure 13. For the frequency range 10- 50 Hz, the *ESM-Old* method significantly decreases the high-frequency content (Figure 11a), affecting the spectral shape and the Pearson coefficients (Figure 13).

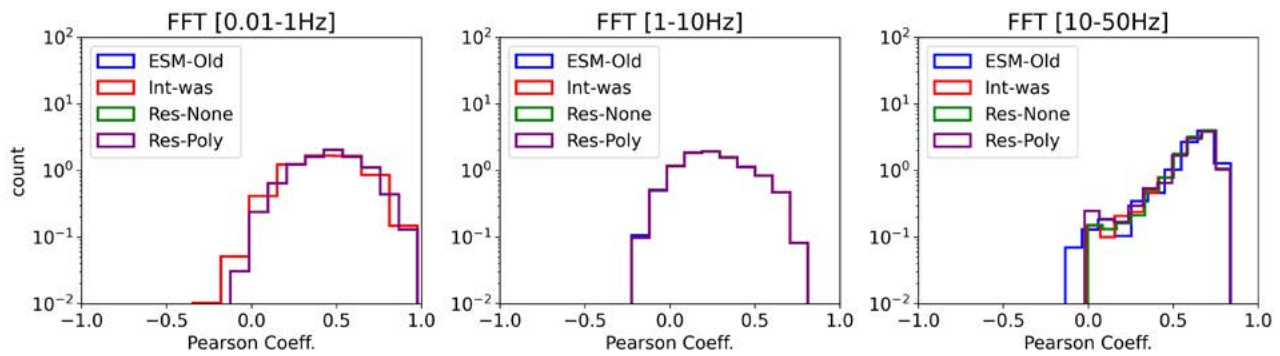


Figure 13 Comparison of FAS between 0-50 Hz. Pearson coefficients are computed between FAS of the resampled traces (with *ESM-Old*, *Int-was*, *Res-None*, and *Res-Poly* methods) and FAS of CV traces.

The impact of *Int-was* on the low-frequency ground motion is better highlighted on acceleration response spectra for the long-period range (Figure 14).

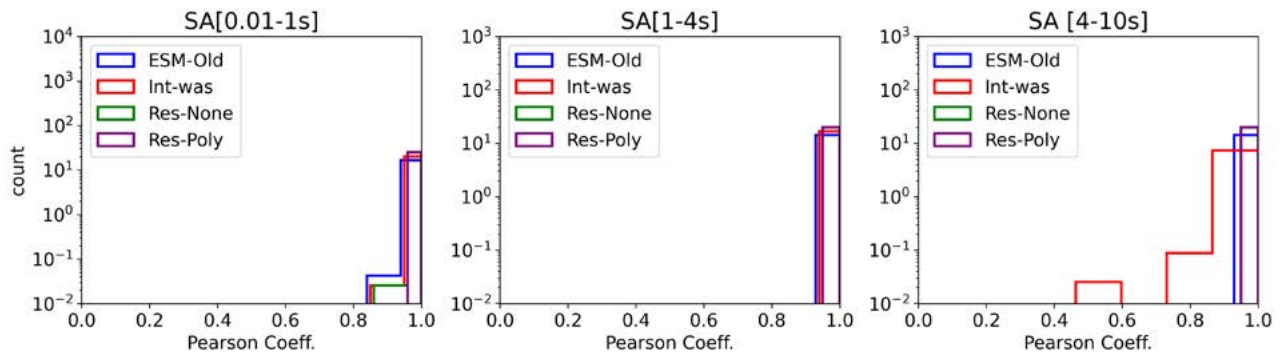


Figure 14 Comparison of SA between 0.01s and 10s. Pearson coefficients are computed between the SA of the resampled traces (with *ESM-Old*, *Int-was*, *Res-None*, and *Res-Poly* methods) and the SA of CV traces.

Table 2 summarizes the results of the statistical tests for downsampling in ESM. The downsampling method with the lowest impact on peak ground intensity measures and spectral amplitudes is ***resample_poly (Res-Poly)*** with default options ***window='kaiser', 5.0*** and ***padtype='constant'***. Compared to the *ESM-Old* and *Res-None*, this method does not reduce the FAS in the high-frequency range and better reproduce the PGA of the original signal. In addition, *Res-Poly* does not introduce phase shifts with respect to the original signal. The *Int-was* method is excluded for downsampling, as it adversely affects both FAS in the low-frequency range and SA in the short-period range.

	ESM-Old	Res-None	Int-was	Res-Poly
PGA	Minor effect	Minor effect, possible phase shift	Minor effect	Negligible effect
FAS	High-frequency amplitude reduction	No effect	Affects the low-frequency amplitudes	No effect
SA	No effect	No effect	Affects long-period amplitudes	No effect

Table 2 Summary of the statistical test for waveform downsampling.

4. Integration and Differentiation

The ESM post-processing consists of applying several functions to make the zero-padded, filtered time series consistent with the acceleration time series after the zero pads are removed. Several post-processing techniques are available, as discussed by Boore et al [2012]. In the ESM processing scheme (Figure 1), after the zero pads are removed from the filtered acceleration time series, the following functions are applied in the time domain:

1. an integration and linear detrend of the acceleration time-series to obtain the velocity time-series;
2. a taper at both ends of the velocity time-series;
3. an integration and linear detrend of the velocity time-series to obtain the displacement time-series;
4. a taper at both ends of the displacement time-series;
5. a differentiation of the displacement time-series to obtain the velocity time-series;
6. a differentiation of the velocity time-series to obtain the final acceleration time-series.

This procedure ensures the compatibility of the processed acceleration with the velocity and displacement time series, which are obtained through single and double integration, respectively.

In the *ESM-Old* processing, integration and differentiation are applied in the time domain using the *cumsum* and *diff* functions of the *numpy* library. In this paragraph, alternative functions available in *Obspy* are tested, and the results are compared to those of the actual processing (*ESM-Old*).

For waveform integration, we test *trace.integrate* with the option '*cumtrapz*' that calls *obspy.signal.differentiate_and_integrate.integrate_cumtrapz* and performs a first-order integration of the traces in the time domain using the trapezoidal rule. For the waveform differentiation, we test *trace.differentiate* with the option '*gradient*' that calls the *numpy.gradient* function that calculates the numerical gradient of the values in the array.

The integration and differentiation functions are applied in the time domain at steps ii), iv), vi), and vii), considering different combinations:

Case 1) integration with the *cumsum* function, and differentiation with the *diff* function (*cumsum* + *diff*);

Case 2) integration with the *cumtrapz* function and differentiation with the *diff* function (*cumtrapz* + *diff*);

Case 3) integration with the *cumtrapz* function and differentiation with the *gradient* function (*cumtrapz* + *gradient*);

Case 4) integration and differentiation are applied in the frequency domain, by computing the Fast Fourier Transform (FFT) and the Inverse Fast Fourier Transform (IFFT). In this case, the post-processing steps applied after the removal of the zero-pads are the following:

1. a taper to both ends of the acceleration time series;
2. FFT computation, division by $i\omega$, and IFFT to obtain the velocity time-series on which linear detrend is applied;
3. a taper at both ends of the velocity time-series;
4. FFT computation, division by $i\omega$, and IFFT to obtain the displacement time series on which linear detrend is applied;
5. a taper at both ends of the velocity time-series;
6. FFT computation, multiplication by $i\omega$, and IFFT to obtain the velocity time-series;
7. FFT computation, multiplication by $i\omega$, and IFFT to obtain the acceleration time series.

4.1 Sample trace test

In this section, we use RA.STUF.00.HNE.INT-20220910_0000177.h5 as a sample trace (see Appendix A). The benchmark is the zero-padded band-pass filtered acceleration (hereinafter *REF*). Figure 15 shows the FAS of the waveforms:

Case 1 (*cumsum + diff*) shows no impact on the FAS, which is consistent with the FAS of the *REF* trace (Figure 15a).

Case 2 (*cumtrapz+diff*) shows a reduction of the high-frequency amplitude of the FAS (Figure 15a).

Case 3 (*cumtrapz + gradient*) shows the greatest reduction in high-frequency amplitude of the FAS (Figure 15a).

Case 4 (frequency domain integration and differentiation) does not affect the FAS, aligning with the FAS of the *REF* trace (Figure 15b).

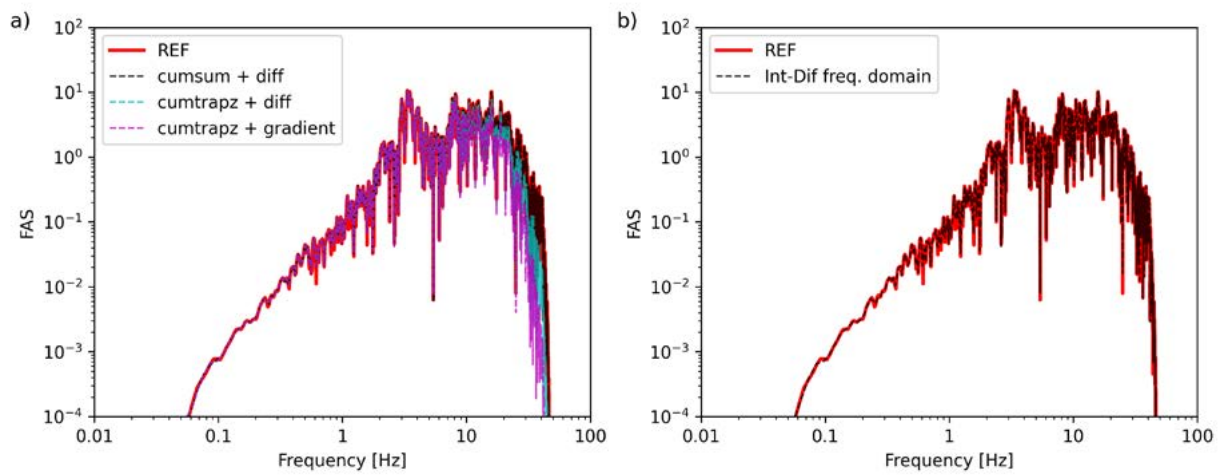


Figure 15 FAS of *REF* trace compared to the FAS obtained after post-processing. a) Integration and differentiation are applied in the time domain (Case1 *cumsum + diff*; Case 2 *cumtrapz + diff*; Case 3 *cumtrapz + gradient*); b) integration and differentiation in the frequency domain (Case 4).

4.2 Statistical Test

For the statistical test, the combinations for waveform integration and differentiation in the time domain (Cases 1-3) are tested on Dataset A (see Appendix B; Figure 2a). Case 4 is not further tested as it provides the same results as Case 1. The comparison is made in terms of PGA, ordinates of the FAS in different frequency ranges (i.e. 0.01-1 Hz, 1-10 Hz, and 10-50 Hz), and ordinates of the acceleration response spectrum (SA) in different period ranges (i.e. 0.01- 1s, 1-4s, 4-10s). The results of the statistical test on PGA are shown in Figure 16, confirming the observations made for the sample trace. The test reveals a reduction in PGA of up to -20% for Case 2 (*cumtrapz + diff*), which is further reduced for Case 3 (*cumtrapz + gradient*), up to -30%. In contrast, the combination of the *cumsum + diff* (Case 1) does not alter the PGA (Figure 16). The effect of Cases 1-3 on spectral amplitudes (Fourier and response spectra) is assessed by computing the Pearson coefficients before and after post-processing. Figure 17 illustrates that Case 3 (*cumtrapz + gradient*) leads to the most significant reduction in high-frequency amplitude of the FAS. A similar effect is observed for the acceleration response spectra (SA), where Case 3 (*cumtrapz + gradient*) notably impacts the short-period range between 0.01s and 1s (Figure 18). In contrast, the combination of *cumsum + diff* (Case 1) does not affect either the FAS (Figure 17) or the SA (Figure 18).

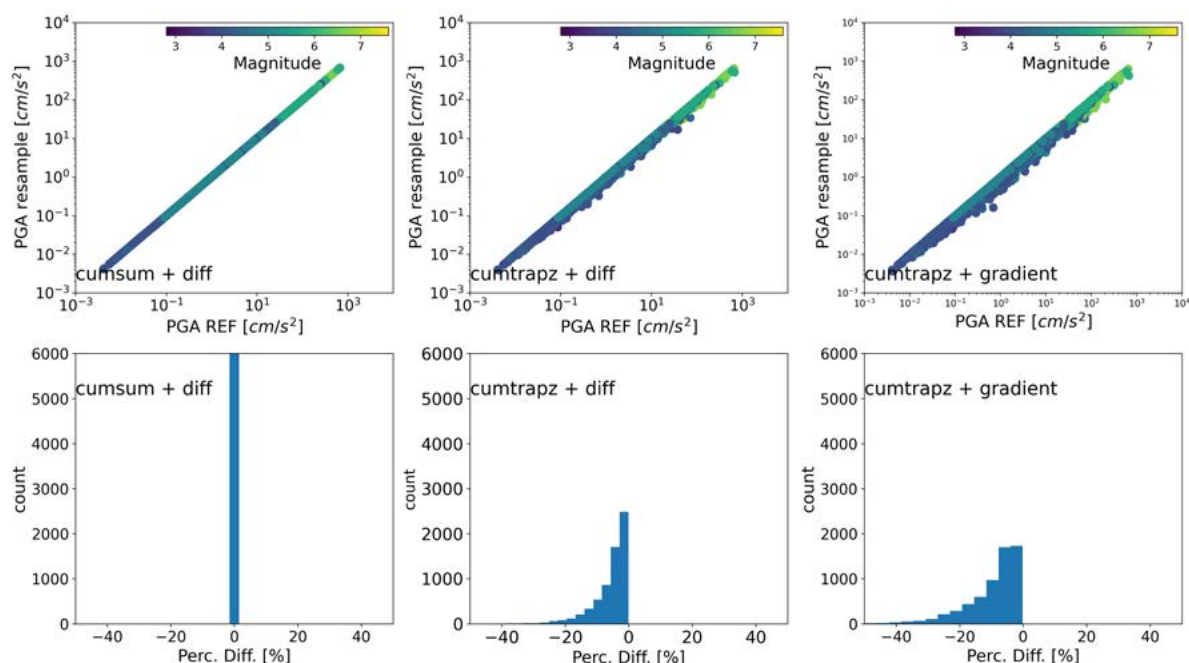


Figure 16 Top panels: comparison between PGA of REF traces versus PGA obtained after post-processing with *cumsum + diff* (Case 1, left), *cumtrapz + diff* (Case 2, middle), *cumtrapz + gradient* (Case 3, right) functions. Bottom panels: percentage differences.

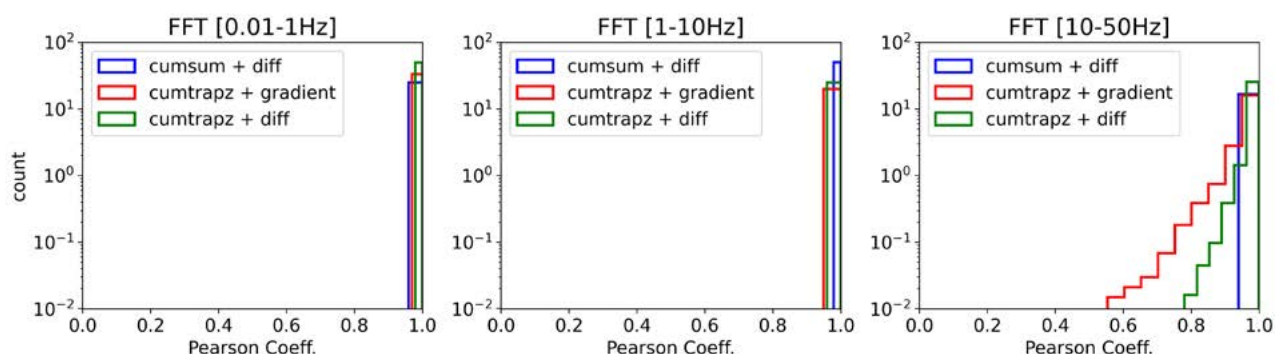


Figure 17 Comparison on FAS between 0-50 Hz. Pearson coefficients are computed between FAS of the post-processed traces (with *cumsum + diff*, *cumtrapz + gradient*, *cumtrapz + diff* functions) and FAS of REF traces.

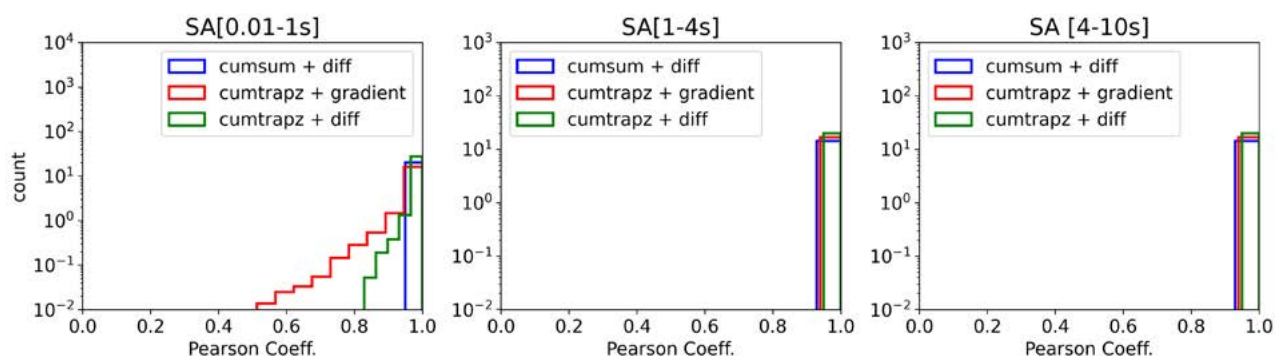


Figure 18 Comparison on SA between 0.01-10 s. Pearson coefficients are computed between SA of the post-processed traces (with *cumsum + diff*, *cumtrapz + gradient*, *cumtrapz + diff* functions) and SA of REF traces.

Table 3 resumes the evidence of the statistical tests for integration and differentiation during the ESM post-processing. The combination *cumsum* + *diff* (Case 1) for waveform integration and differentiation applied in the time domain is the only one that shows no impact on either peak ground intensity measures or spectral amplitudes (Fouerieer or response spectra). The application of the *cumtrapz* function for waveform integration and the *gradient* function for waveform differentiation results in the reduction of PGA, high-frequency FAS, and short-period SA.

	<i>cumsum</i> + <i>diff</i>	<i>cumtrapz</i> + <i>diff</i>	<i>cumtrapz</i> + <i>gradient</i>
PGA	No effect	Decrease	High decrease
FAS	No effect	Decrease at high-frequencies	High decrease at high-frequencies
SA	No effect	Decrease at short-periods	High decrease at short-periods

Table 3 Summary of the statistical test for waveform integration and differentiation.

5. Conclusion

The Engineering Strong-Motion Database (ESM) focused on distributing manually processed data to ensure the highest quality, relying on the procedure by Paolucci et al. [2011]. However, the increasing volume of digital earthquake records has required a reassessment of the data distribution strategy and an update to the ESM processing framework. This led to the development of ESMpro [Mascandola et al., 2023], a Python-based software designed to streamline the workflow by pre-processing records and assigning quality classes, thereby reducing the manual workload. For the release of the new processing tool, different Obspy functions for waveform resampling, integration and differentiation have been tested on both individual traces and extended datasets, to explore potential replacements for the existing methods.

The results of the tests presented in this study suggest implementing new functions in the ESM processing scheme by Paolucci et al. [2011] to improve the waveform upsampling and downsampling, while the integration and differentiation functions are confirmed as the most reliable.

Specifically, the preferred function for waveform upsampling is *trace.interpolate*, associated with the default method *weighted_average_slopes* that refers to *obsypy.signal.interpolation.weighted_average_slopes*, which implements the weighted average slopes interpolation scheme proposed in Wiggins [1976]. This upsampling function is preferred as it does not affect the original PGA and, at the same time, reduces the aliasing effect above Nyquist frequency.

The preferred function for waveform downsampling is *resample_poly* that refers to *scipy.signal.resample_poly*, which is based on polyphase filters (Lizhe T. and Jean J. [2019] and references therein). This downsampling function is preferred as it preserves the original PGA and the original spectral amplitudes, even in correspondence to the Nyquist frequency. In addition, in contrast to *trace.resample*, it does not cause possible phase shifts in the time domain.

Finally, for waveform integration and differentiation, we tested different operators in the time domain, and we compared them with the results obtained by applying waveform integration and differentiation in the frequency domain. The preferred operators in the time domain are *cumsum* and *diff* functions of the *numpy* library, already adopted in ESM-Old. The former computes the cumulative sum of the elements and the latter calculates the n-th discrete difference along the given axis. These functions are preferred as they do not affect the PGA and the spectral amplitudes in the high-frequency range. Although the waveform integration

and differentiation performed in the frequency domain do not affect peak ground intensity measures or spectral amplitudes, we prefer the operators in the time domain to minimize the calculations.

The results of this study highlight the potential differences in peak and spectral values that may arise from using different functions within the processing workflow. Although distortions in PGA are generally below 10% when applying resampling functions and below 20% when using integration or differentiation functions, these discrepancies introduce a systematic error that can either increase or decrease the median prediction (and standard deviation) of ground-motion models. In this context, such differences typically remain within the intrinsic variability of ground-motion predictions. Nevertheless, Peak Ground Acceleration (PGA) values play a key role in many applications, and discrepancies between values reported by different databases or agencies can sometimes prompt discussions about their causes.

A recent example concerns the event that occurred in the Campi Flegrei area on 2025-03-13 at 00:25:02 UTC, for which station IV.CSOB reported different PGA values across different platforms: 1123.56 cm/s² on GOSSIP [3], 877.53 cm/s² in the first version of ShakeMap [4], and 896.77 cm/s² in the ESM database [5]. In this specific case, the discrepancies were attributed to differences in the filter cutoff frequencies rather than to the resampling, integration, or differentiation procedures. However, this example demonstrates that variations on the order of 20% can be significant. This underscores the importance of acknowledging that PGA values may vary depending on the computational methods or functions adopted in the processing workflow.

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- [1] <https://esm-db.eu>
- [2] <https://github.com/obspy/obspy/issues/868>
- [3] <https://terremoti.ov.ingv.it/urbansm/flegrei/2025/44246>
- [4] <https://shakemap.ingv.it/viewLeaflet.html?eventid=41908352>
- [5] <https://esm-db.eu/#/waveform/IV/CSOB//INT-41908352/HN>
- [6] <https://esm-db.eu/esmws/eventdata/1/>

APPENDIX A

Sample traces

Sample traces adopted for testing in this study are provided in the electronic supplement.

RA.STUF.00.HNE.INT-20220910_0000177.h5:

For the upsampling test, only the unprocessed (CV) trace is needed.

For the integration and differentiation tests, both the unprocessed (CV) and manually processed (MP) traces are needed, along with the processing parameters available in “auxiliary data”.

CH.SLUB..HGE.EMSC-20120211_0000053.h5:

For the downsampling test, only the unprocessed (CV) trace is needed.

APPENDIX B

Test datasets

The list of waveforms in Dataset A and B are provided in Table B1 and B2 of the electronic supplement. Data can be downloaded using the same Event-Data webservice [6] adopted to download the individual sample traces.

Data can be downloaded using any program supporting the HTTP-GET method, e.g. your favourite web browser:

https://esm-db.eu/esmws/eventdata/1/query?eventid=INT-20220910_0000177&network=RA&station=STUF&location=00&channel=HNE&processing-type=CV,MP&add-auxiliary-data=True

To test the integration and differentiation functions, we have downloaded both the unprocessed (processing_type=CV) and manually processed (processing_type=MP) data in order to reprocess CV waveforms with the same processing parameters of the MP waveforms. The processing parameters (e.g., high-cut, low-cut, starttime, endtime) are available in the header of the MP waveforms (in auxiliary data).

Table B1: lists of waveforms in Datasets A. Event ID refers to the ESM event ID. Waveform name is provided by network code + “.” + station code + “.” + location code + “.” + instrument code + “.” + event ID + “.h5” (e.g. AC.FIER.00.HN.AL-2014-0005.h5).

EventID	WaveformName	Sr (Hz)	M	D (Km)
AL-2014-0005	AC.FIER.00.HN.AL-2014-0005.h5	100	3.9	74.2
AL-2014-0005	AC.KKS.00.HN.AL-2014-0005.h5	100	3.9	111.2
AL-2014-0005	AC.SDA.00.HN.AL-2014-0005.h5	100	3.9	74.6
AL-2015-0004	AC.HIMA.00.HN.AL-2015-0004.h5	100	4.1	172.9
AL-2015-0004	AC.TPE.00.HN.AL-2015-0004.h5	100	4.1	187.9
AL-2015-0004	HI.ARG2..HN.AL-2015-0004.h5	100	4.1	52.2
AL-2015-0004	HI.VAS2..HN.AL-2015-0004.h5	100	4.1	8.1
AL-2015-0006	AC.HIMA.00.HN.AL-2015-0006.h5	100	4.6	164.9
AL-2015-0006	AC.TPE.00.HN.AL-2015-0006.h5	100	4.6	181.2
AL-2016-0001	AC.DURR.00.HN.AL-2016-0001.h5	100	4	185.3
AL-2016-0001	AC.KBN.00.HN.AL-2016-0001.h5	100	4	164.3
AL-2016-0001	AC.LACI.00.HN.AL-2016-0001.h5	100	4	152.3
AL-2016-0001	AC.POGR.00.HN.AL-2016-0001.h5	100	4	140.2
AL-2016-0001	HI.LMS2..HN.AL-2016-0001.h5	100	4	133.2
AL-2016-0002	AC.KBN.00.HN.AL-2016-0002.h5	100	4.5	98.4
AL-2016-0002	AC.POGR.00.HN.AL-2016-0002.h5	100	4.5	129.1
AL-2016-0002	AC.TPE.00.HN.AL-2016-0002.h5	100	4.5	87.4
AL-2016-0003	AC.KBN.00.HN.AL-2016-0003.h5	100	4.4	170.9
AL-2016-0003	HI.DRA2..HN.AL-2016-0003.h5	100	4.4	118.6
AL-2016-0003	HI.LMS2..HN.AL-2016-0003.h5	100	4.4	137.2
AL-2016-0003	HI.PLN1..HN.AL-2016-0003.h5	100	4.4	128.2
AL-2016-0003	HI.THS1..HN.AL-2016-0003.h5	100	4.4	155.2
AL-2016-0003	HL.PLG..HN.AL-2016-0003.h5	100	4.4	88

AL-2016-0004	AC.FIER.00.HN.AL-2016-0004.h5	100	3.8	147
AL-2016-0004	AC.KBN.00.HN.AL-2016-0004.h5	100	3.8	98.9
AL-2016-0004	AC.POGR.00.HN.AL-2016-0004.h5	100	3.8	129.5
AL-2016-0004	AC.TPE.00.HN.AL-2016-0004.h5	100	3.8	86.8
AL-2016-0004	AC.VLO..HN.AL-2016-0004.h5	100	3.8	132.7
AL-2016-0004	HI.ART2..HN.AL-2016-0004.h5	100	3.8	69.2
AL-2016-0004	HI.LMS2..HN.AL-2016-0004.h5	100	3.8	127.3
AL-2016-0004	HI.MSL1..HN.AL-2016-0004.h5	100	3.8	162.9
AL-2016-0004	HI.VAS2..HN.AL-2016-0004.h5	100	3.8	122.9
AL-2016-0007	AC.FIER.00.HN.AL-2016-0007.h5	100	3.6	145
AL-2016-0007	AC.KBN.00.HN.AL-2016-0007.h5	100	3.6	97.3
AL-2016-0007	AC.TPE.00.HN.AL-2016-0007.h5	100	3.6	84.8
AL-2016-0007	AC.VLO..HN.AL-2016-0007.h5	100	3.6	130.8
AL-2016-0010	AC.DURR.00.HN.AL-2016-0010.h5	100	3.4	158.6
AL-2016-0010	AC.KKS.00.HN.AL-2016-0010.h5	100	3.4	173.6
AL-2016-0010	AC.LACI.00.HN.AL-2016-0010.h5	100	3.4	146.5
AL-2016-0011	AC.DURR.00.HN.AL-2016-0011.h5	100	3.9	159.5
AL-2016-0011	AC.FIER.00.HN.AL-2016-0011.h5	100	3.9	137
AL-2016-0011	AC.KBN.00.HN.AL-2016-0011.h5	100	3.9	36
AL-2016-0011	AC.LACI.00.HN.AL-2016-0011.h5	100	3.9	158.8
AL-2016-0011	AC.TIR1.00.HN.AL-2016-0011.h5	100	3.9	134
AL-2016-0011	AC.TPE.00.HN.AL-2016-0011.h5	100	3.9	110.7
AL-2016-0011	AC.VLO..HN.AL-2016-0011.h5	100	3.9	146.3
AL-2016-0011	HI.LMS2..HN.AL-2016-0011.h5	100	3.9	12
AL-2016-0012	AC.DURR.00.HN.AL-2016-0012.h5	100	4.2	129.6
AL-2016-0012	AC.KBN.00.HN.AL-2016-0012.h5	100	4.2	65.2
AL-2016-0012	AC.KKS.00.HN.AL-2016-0012.h5	100	4.2	109.8
AL-2016-0012	AC.LACI.00.HN.AL-2016-0012.h5	100	4.2	117.6
AL-2016-0012	AC.PHP..HN.AL-2016-0012.h5	100	4.2	71.9
AL-2016-0012	AC.POGR.00.HN.AL-2016-0012.h5	100	4.2	41.7
AL-2016-0012	AC.TPE.00.HN.AL-2016-0012.h5	100	4.2	129.2
AL-2016-0012	HI.KRK1..HN.AL-2016-0012.h5	100	4.2	196.8
AL-2016-0012	HI.LMS2..HN.AL-2016-0012.h5	100	4.2	41.2
AL-2016-0013	HI.ARG2..HN.AL-2016-0013.h5	100	4.5	21.1
AL-2016-0013	HI.ART2..HN.AL-2016-0013.h5	100	4.5	122.5
AL-2016-0013	HI.KLV1..HN.AL-2016-0013.h5	100	4.5	164.1
AL-2016-0013	HI.KRK1..HN.AL-2016-0013.h5	100	4.5	159
AL-2016-0013	HI.MSL1..HN.AL-2016-0013.h5	100	4.5	104.3
AL-2016-0013	HI.VAS2..HN.AL-2016-0013.h5	100	4.5	56.2
AL-2016-0014	AC.TPE.00.HN.AL-2016-0014.h5	100	4	55.3
AL-2016-0014	HI.KRK1..HN.AL-2016-0014.h5	100	4	121.6
AM-1988-0001	A.GUK.00.HN.AM-1988-0001.h5	100	6.7	35.4
AM-1988-0002	A.GUK.00.HN.AM-1988-0002.h5	100	5.9	31.3

DZ-1980-0016	EU.BRS.00.HN.DZ-1980-0016.h5	100	5.2	22.7
DZ-1989-0023	FC.ALG.00.HN.DZ-1989-0023.h5	100	6	51.5
EMSC-20050615_0000027	NC.KBO..HN.EMSC-20050615_0000027.h5	100	7.2	176.3
EMSC-20050615_0000027	NC.KCT..HN.EMSC-20050615_0000027.h5	100	7.2	163.6
EMSC-20050615_0000027	NC.KHMB..HN.EMSC-20050615_0000027.h5	100	7.2	192.2
EMSC-20050615_0000027	NC.KMPB..HN.EMSC-20050615_0000027.h5	100	7.2	182.5
EMSC-20050615_0000027	NC.KRP..HN.EMSC-20050615_0000027.h5	100	7.2	162.5
EMSC-20050615_0000027	NC.KSXB..HN.EMSC-20050615_0000027.h5	100	7.2	183.2
EMSC-20051021_0000107	EU.VRI.00.HN.EMSC-20051021_0000107.h5	100	3.2	38.9
EMSC-20051026_0000051	EU.VRI.00.HN.EMSC-20051026_0000051.h5	100	4.4	23.9
EMSC-20051031_0000042	ZN.LS2.00.HN.EMSC-20051031_0000042.h5	100	3.7	54
EMSC-20051031_0000042	ZN.LS3.00.HN.EMSC-20051031_0000042.h5	100	3.7	54.3
EMSC-20051031_0000042	ZN.LS4.00.HN.EMSC-20051031_0000042.h5	100	3.7	54.6
EMSC-20051115_0000078	EU.VRI.00.HN.EMSC-20051115_0000078.h5	100	4.1	32.1
EMSC-20051115_0000078	RO.IAS..HN.EMSC-20051115_0000078.h5	100	4.1	147.1
EMSC-20051203_0000065	RO.IAS..HN.EMSC-20051203_0000065.h5	100	3.7	152.1
EMSC-20051213_0000038	EU.VRI.00.HN.EMSC-20051213_0000038.h5	100	4.8	14.2
EMSC-20051213_0000038	RO.IAS..HN.EMSC-20051213_0000038.h5	100	4.8	174.6
EMSC-20051218_0000030	EU.VRI.00.HN.EMSC-20051218_0000030.h5	100	3.8	73.5
EMSC-20060902_0000059	GE.TIRR..HN.EMSC-20060902_0000059.h5	100	3.3	199.6
EMSC-20060921_0000050	GE.UGM..HL.EMSC-20060921_0000050.h5	100	6	127
EMSC-20060923_0000041	EU.VRI.00.HN.EMSC-20060923_0000041.h5	100	4.3	43.4
EMSC-20060923_0000041	RO.MLR..HN.EMSC-20060923_0000041.h5	100	4.3	35.1
EMSC-20061115_0000149	RO.DRGR..HN.EMSC-20061115_0000149.h5	100	3.1	158.1
EMSC-20061118_0000084	GE.TIRR..HN.EMSC-20061118_0000084.h5	100	3.5	192.9
EMSC-20061118_0000084	RO.MLR..HN.EMSC-20061118_0000084.h5	100	3.5	55.3
EMSC-20061119_0000081	GE.TIRR..HN.EMSC-20061119_0000081.h5	100	3.8	196.4
EMSC-20061119_0000081	RO.MLR..HN.EMSC-20061119_0000081.h5	100	3.8	55
EMSC-20061121_0000037	RO.BZS..HN.EMSC-20061121_0000037.h5	100	4.9	196.4
EMSC-20061121_0000037	RO.GZR..HN.EMSC-20061121_0000037.h5	100	4.9	193.6
EMSC-20070117_0000067	EU.VRI.00.HN.EMSC-20070117_0000067.h5	100	4.5	40.5
EMSC-20070117_0000067	GE.TIRR..HN.EMSC-20070117_0000067.h5	100	4.5	197.3
EMSC-20070117_0000067	RO.MLR..HN.EMSC-20070117_0000067.h5	100	4.5	40
EMSC-20070125_0000044	GE.GSI..HL.EMSC-20070125_0000044.h5	100	5	70.2
EMSC-20070130_0000032	GE.TNTI..HL.EMSC-20070130_0000032.h5	100	5.4	152
EMSC-20070201_0000040	GE.TNTI..HL.EMSC-20070201_0000040.h5	100	5.4	124
EMSC-20070201_0000046	GE.TNTI..HL.EMSC-20070201_0000046.h5	100	4.9	153.7
EMSC-20070204_0000021	GE.TNTI..HL.EMSC-20070204_0000021.h5	100	5.2	148.5
EMSC-20070215_0000030	EU.VRI.00.HN.EMSC-20070215_0000030.h5	100	4	3.9
EMSC-20070215_0000030	RO.IAS..HN.EMSC-20070215_0000030.h5	100	4	158.7
EMSC-20070221_0000051	GE.TNTI..HL.EMSC-20070221_0000051.h5	100	5.5	190.8
EMSC-20070221_0000059	GE.TNTI..HL.EMSC-20070221_0000059.h5	100	5	182.9
EMSC-20070226_0000044	NC.KCPB..HN.EMSC-20070226_0000044.h5	100	5.4	152.2

EMSC-20070226_0000044	NC.KCT..HN.EMSC-20070226_0000044.h5	100	5.4	48.2
EMSC-20070226_0000044	NC.KMPB..HN.EMSC-20070226_0000044.h5	100	5.4	67.7
EMSC-20070226_0000044	NC.KMR..HN.EMSC-20070226_0000044.h5	100	5.4	109.5
EMSC-20070226_0000044	NC.KRMB..HN.EMSC-20070226_0000044.h5	100	5.4	126.5
EMSC-20070226_0000044	NC.KSXB..HN.EMSC-20070226_0000044.h5	100	5.4	155.6
EMSC-20070303_0000048	GE.TNTI..HL.EMSC-20070303_0000048.h5	100	5.9	105.1
EMSC-20070307_0000059	GE.TNTI..HL.EMSC-20070307_0000059.h5	100	5	89.9
EMSC-20070308_0000026	GE.TNTI..HL.EMSC-20070308_0000026.h5	100	5	113
EMSC-20070309_0000061	EU.VRI.00.HN.EMSC-20070309_0000061.h5	100	3.8	44.8
EMSC-20070309_0000061	RO.MLR..HN.EMSC-20070309_0000061.h5	100	3.8	29.7
EMSC-20070313_0000035	GE.TNTI..HL.EMSC-20070313_0000035.h5	100	5.3	133.2
EMSC-20070315_0000037	GE.TNTI..HL.EMSC-20070315_0000037.h5	100	5.4	176.6
EMSC-20070317_0000042	GE.TNTI..HL.EMSC-20070317_0000042.h5	100	6.2	134.1
EMSC-20070320_0000061	GE.TNTI..HL.EMSC-20070320_0000061.h5	100	5.3	169.6
EMSC-20070326_0000101	GE.TNTI..HL.EMSC-20070326_0000101.h5	100	5.5	161.8
EMSC-20070328_0000047	RO.MLR..HN.EMSC-20070328_0000047.h5	100	4	42.3
EMSC-20070328_0000070	GE.MNAI..HL.EMSC-20070328_0000070.h5	100	5	50.7
EMSC-20070402_0000110	GE.TNTI..HL.EMSC-20070402_0000110.h5	100	5.5	191.9
EMSC-20070403_0000131	GE.MNAI..HL.EMSC-20070403_0000131.h5	100	5.2	8.1
EMSC-20070405_0000059	GE.TIRR..HN.EMSC-20070405_0000059.h5	100	4	196.3
EMSC-20070405_0000059	RO.IAS..HN.EMSC-20070405_0000059.h5	100	4	183.8
EMSC-20070405_0000059	RO.MLR..HN.EMSC-20070405_0000059.h5	100	4	55.5
EMSC-20070415_0000047	GE.TNTI..HL.EMSC-20070415_0000047.h5	100	5.3	128.2
EMSC-20070419_0000041	GE.TNTI..HL.EMSC-20070419_0000041.h5	100	5	174
EMSC-20070503_0000064	GE.TNTI..HL.EMSC-20070503_0000064.h5	100	5.6	140.8
EMSC-20070503_0000085	RO.IAS..HN.EMSC-20070503_0000085.h5	100	3	178.5
EMSC-20070505_0000103	GE.TIRR..HN.EMSC-20070505_0000103.h5	100	3.4	199.4
EMSC-20070505_0000103	RO.IAS..HN.EMSC-20070505_0000103.h5	100	3.4	178.8
EMSC-20070505_0000103	RO.MLR..HN.EMSC-20070505_0000103.h5	100	3.4	58.1
EMSC-20070509_0000103	GE.TNTI..HL.EMSC-20070509_0000103.h5	100	4.9	95.7
EMSC-20070512_0000109	RO.MLR..HN.EMSC-20070512_0000109.h5	100	4.1	44.2
EMSC-20070514_0000048	GE.TNTI..HL.EMSC-20070514_0000048.h5	100	5.1	143.9
EMSC-20070527_0000041	RO.MLR..HN.EMSC-20070527_0000041.h5	100	4	46.3
EMSC-20070616_0000039	GE.TNTI..HL.EMSC-20070616_0000039.h5	100	5.7	114.2
EMSC-20070628_0000072	GE.MNAI..HL.EMSC-20070628_0000072.h5	100	5.2	193.2
EMSC-20070713_0000062	GE.TNTI..HL.EMSC-20070713_0000062.h5	100	5	123.3
EMSC-20070802_0000105	GE.TNTI..HL.EMSC-20070802_0000105.h5	100	5.6	197.3
EMSC-20070813_0000097	GE.TNTI..HL.EMSC-20070813_0000097.h5	100	4.9	152.5
EMSC-20070827_0000060	GE.TNTI..HL.EMSC-20070827_0000060.h5	100	5.1	120.9
EMSC-20070831_0000052	GE.TNTI..HL.EMSC-20070831_0000052.h5	100	5.6	180.2
EMSC-20070901_0000054	GE.TNTI..HL.EMSC-20070901_0000054.h5	100	5.3	183.3
EMSC-20070908_0000047	GE.TNTI..HL.EMSC-20070908_0000047.h5	100	5.1	191.5
EMSC-20070910_0000083	GE.TNTI..HL.EMSC-20070910_0000083.h5	100	5	131.2

EMSC-20070912_0000070	GE.MNAI..HL.EMSC-20070912_0000070.h5	100	8.4	176.5
EMSC-20070912_0000087	GE.MNAI..HL.EMSC-20070912_0000087.h5	100	5	199.3
EMSC-20070912_0000103	GE.MNAI..HL.EMSC-20070912_0000103.h5	100	5.1	172.6
EMSC-20070913_0000079	GE.MNAI..HL.EMSC-20070913_0000079.h5	100	5	146.3
EMSC-20070913_0000104	GE.MNAI..HL.EMSC-20070913_0000104.h5	100	5.1	176.9
EMSC-20070913_0000113	GE.MNAI..HL.EMSC-20070913_0000113.h5	100	5.2	187
EMSC-20070914_0000054	GE.MNAI..HL.EMSC-20070914_0000054.h5	100	5.4	140.1
EMSC-20070914_0000083	GE.MNAI..HL.EMSC-20070914_0000083.h5	100	5.3	164.5
EMSC-20070914_0000084	GE.MNAI..HL.EMSC-20070914_0000084.h5	100	5.1	195.2
EMSC-20070915_0000100	GE.MNAI..HL.EMSC-20070915_0000100.h5	100	5	192.9
EMSC-20070920_0000044	GE.MNAI..HL.EMSC-20070920_0000044.h5	100	5	191.8
EMSC-20070922_0000058	GE.TNTI..HL.EMSC-20070922_0000058.h5	100	5	177.3
EMSC-20070922_0000066	RO.MLR..HN.EMSC-20070922_0000066.h5	100	3.8	33.3
EMSC-20070924_0000046	GE.MMRI..HL.EMSC-20070924_0000046.h5	100	5.1	118
EMSC-20070924_0000060	GE.MNAI..HL.EMSC-20070924_0000060.h5	100	5.3	165.5
EMSC-20070924_0000071	GE.MNAI..HL.EMSC-20070924_0000071.h5	100	5	184
EMSC-20071002_0000043	GE.MNAI..HL.EMSC-20071002_0000043.h5	100	5.9	194
EMSC-20071005_0000050	GE.MNAI..HL.EMSC-20071005_0000050.h5	100	5.1	179.7
EMSC-20071013_0000031	GE.TNTI..HL.EMSC-20071013_0000031.h5	100	5.1	161.9
EMSC-20071018_0000046	GE.MNAI..HL.EMSC-20071018_0000046.h5	100	4.9	175.6
EMSC-20071030_0000049	RO.MLR..HN.EMSC-20071030_0000049.h5	100	3.5	60.8
EMSC-20071030_0000077	EU.VRI.00.HN.EMSC-20071030_0000077.h5	100	4	82.1
EMSC-20071030_0000077	GE.TIRR..HN.EMSC-20071030_0000077.h5	100	4	134.7
EMSC-20071030_0000077	RO.IAS..HN.EMSC-20071030_0000077.h5	100	4	182.4
EMSC-20071030_0000077	RO.MLR..HN.EMSC-20071030_0000077.h5	100	4	136.1
EMSC-20071031_0000037	BK.BDM..HL.EMSC-20071031_0000037.h5	100	5.5	58.3
EMSC-20071031_0000037	BK.PACP..HL.EMSC-20071031_0000037.h5	100	5.5	64
EMSC-20071031_0000037	BK.RFSB..HL.EMSC-20071031_0000037.h5	100	5.5	73
EMSC-20071031_0000037	BK.SCCB..HL.EMSC-20071031_0000037.h5	100	5.5	18.1
EMSC-20071031_0000037	BK.WENL..HL.EMSC-20071031_0000037.h5	100	5.5	21
EMSC-20071031_0000037	GS.BHA1..HN.EMSC-20071031_0000037.h5	100	5.5	26.4
EMSC-20071031_0000037	GS.BHA2..HN.EMSC-20071031_0000037.h5	100	5.5	25.9
EMSC-20071031_0000037	GS.BHB1..HN.EMSC-20071031_0000037.h5	100	5.5	26.2
EMSC-20071031_0000037	GS.BHB3..HN.EMSC-20071031_0000037.h5	100	5.5	24.9
EMSC-20071031_0000037	GS.BHC1..HN.EMSC-20071031_0000037.h5	100	5.5	25.2
EMSC-20071031_0000037	GS.BHD2..HN.EMSC-20071031_0000037.h5	100	5.5	24.2
EMSC-20071031_0000037	GS.BHD3..HN.EMSC-20071031_0000037.h5	100	5.5	23.5
EMSC-20071031_0000037	GS.BHRK..HN.EMSC-20071031_0000037.h5	100	5.5	26.5
EMSC-20071031_0000037	GS.F10..HN.EMSC-20071031_0000037.h5	100	5.5	28
EMSC-20071031_0000037	GS.F20..HN.EMSC-20071031_0000037.h5	100	5.5	27
EMSC-20071031_0000037	GS.G10..HN.EMSC-20071031_0000037.h5	100	5.5	28.3
EMSC-20071031_0000037	GS.G20..HN.EMSC-20071031_0000037.h5	100	5.5	27.4
EMSC-20071031_0000037	GS.M305..HN.EMSC-20071031_0000037.h5	100	5.5	11.8

EMSC-20071031_0000037	GS.MP1..HN.EMSC-20071031_0000037.h5	100	5.5	12.5
EMSC-20071031_0000037	GS.MP21..HN.EMSC-20071031_0000037.h5	100	5.5	11.2
EMSC-20071031_0000037	GS.ND1..HN.EMSC-20071031_0000037.h5	100	5.5	24.8
EMSC-20071031_0000037	GS.ND2..HN.EMSC-20071031_0000037.h5	100	5.5	24.5
EMSC-20071031_0000037	GS.ND3..HN.EMSC-20071031_0000037.h5	100	5.5	24.3
EMSC-20071031_0000037	GS.ND4..HN.EMSC-20071031_0000037.h5	100	5.5	24.2
EMSC-20071031_0000037	GS.ND5..HN.EMSC-20071031_0000037.h5	100	5.5	24
EMSC-20071031_0000037	GS.Q32..HN.EMSC-20071031_0000037.h5	100	5.5	11.1
EMSC-20071031_0000037	GS.ROC..HN.EMSC-20071031_0000037.h5	100	5.5	5.6
EMSC-20071031_0000037	GS.ROK..HN.EMSC-20071031_0000037.h5	100	5.5	29
EMSC-20071031_0000037	NC.CADB..HN.EMSC-20071031_0000037.h5	100	5.5	32.7
EMSC-20071031_0000037	NC.CAL..HN.EMSC-20071031_0000037.h5	100	5.5	3
EMSC-20071031_0000037	NC.CDOB..HN.EMSC-20071031_0000037.h5	100	5.5	33.3
EMSC-20071031_0000037	NC.CHR..HN.EMSC-20071031_0000037.h5	100	5.5	6.7
EMSC-20071031_0000037	NC.HCAB..HN.EMSC-20071031_0000037.h5	100	5.5	52.1
EMSC-20071031_0000037	NC.JBG..HN.EMSC-20071031_0000037.h5	100	5.5	51.1
EMSC-20071031_0000037	NC.JBMB..HN.EMSC-20071031_0000037.h5	100	5.5	35.9
EMSC-20071031_0000037	NC.JBR..HN.EMSC-20071031_0000037.h5	100	5.5	35.8
EMSC-20071031_0000037	NC.JECB..HN.EMSC-20071031_0000037.h5	100	5.5	42.7
EMSC-20071031_0000037	NC.JELB..HN.EMSC-20071031_0000037.h5	100	5.5	56.4
EMSC-20071031_0000037	NC.JFP..HN.EMSC-20071031_0000037.h5	100	5.5	37.7
EMSC-20071031_0000037	NC.JHU..HN.EMSC-20071031_0000037.h5	100	5.5	42.8
EMSC-20071031_0000037	NC.JJO..HN.EMSC-20071031_0000037.h5	100	5.5	31
EMSC-20071031_0000037	NC.JLAB..HN.EMSC-20071031_0000037.h5	100	5.5	31.2
EMSC-20071031_0000037	NC.JPC..HN.EMSC-20071031_0000037.h5	100	5.5	42.8
EMSC-20071031_0000037	NC.JPSB..HN.EMSC-20071031_0000037.h5	100	5.5	57
EMSC-20071031_0000037	NC.JSFB..HN.EMSC-20071031_0000037.h5	100	5.5	35.7
EMSC-20071031_0000037	NC.JSGB..HN.EMSC-20071031_0000037.h5	100	5.5	29.5
EMSC-20071031_0000037	NC.JUM..HN.EMSC-20071031_0000037.h5	100	5.5	32.2
EMSC-20071031_0000037	NP.1775..HN.EMSC-20071031_0000037.h5	100	5.5	28.5
EMSC-20071031_0000037	NP.1778..HN.EMSC-20071031_0000037.h5	100	5.5	23.3
EMSC-20071031_0000037	NP.1779..HN.EMSC-20071031_0000037.h5	100	5.5	20.2
EMSC-20071031_0000037	NP.1780..HN.EMSC-20071031_0000037.h5	100	5.5	22.7
EMSC-20071031_0000037	NP.1781..HN.EMSC-20071031_0000037.h5	100	5.5	18.6
EMSC-20071031_0000037	NP.1782..HN.EMSC-20071031_0000037.h5	100	5.5	19.7
EMSC-20071031_0000037	NP.1783..HN.EMSC-20071031_0000037.h5	100	5.5	15.6
EMSC-20071031_0000037	NP.1786..HN.EMSC-20071031_0000037.h5	100	5.5	27.6
EMSC-20071031_0000037	NP.1788..HN.EMSC-20071031_0000037.h5	100	5.5	12.6
EMSC-20071031_0000037	NP.1793..HN.EMSC-20071031_0000037.h5	100	5.5	10.1
EMSC-20071031_0000037	NP.1794..HN.EMSC-20071031_0000037.h5	100	5.5	20.3
EMSC-20071031_0000037	NP.1796..HN.EMSC-20071031_0000037.h5	100	5.5	25.7
EMSC-20071031_0000037	NP.1799..HN.EMSC-20071031_0000037.h5	100	5.5	26
EMSC-20071031_0000037	NP.1802..HN.EMSC-20071031_0000037.h5	100	5.5	31.9

EMSC-20071031_0000037	NP.1825..HN.EMSC-20071031_0000037.h5	100	5.5	8.8
EMSC-20071031_0000037	NP.1826..HN.EMSC-20071031_0000037.h5	100	5.5	30.3
EMSC-20071031_0000037	NP.1830..HN.EMSC-20071031_0000037.h5	100	5.5	27.7
EMSC-20071031_0000037	NP.1831..HN.EMSC-20071031_0000037.h5	100	5.5	22.9
EMSC-20071031_0000037	NP.1834..HN.EMSC-20071031_0000037.h5	100	5.5	26.9
EMSC-20071031_0000037	NP.1837..HN.EMSC-20071031_0000037.h5	100	5.5	22.3
EMSC-20071031_0000037	NP.1838..HN.EMSC-20071031_0000037.h5	100	5.5	13.3
EMSC-20071031_0000037	NP.1839..HN.EMSC-20071031_0000037.h5	100	5.5	21.8
EMSC-20071031_0000037	NP.1841..HN.EMSC-20071031_0000037.h5	100	5.5	19.9
EMSC-20071031_0000037	NP.1842..HN.EMSC-20071031_0000037.h5	100	5.5	28.3
EMSC-20071031_0000037	NP.1863..HN.EMSC-20071031_0000037.h5	100	5.5	26.9
EMSC-20071105_0000025	GE.MMRI..HL.EMSC-20071105_0000025.h5	100	5	191.1
EMSC-20071105_0000038	GE.TNTI..HL.EMSC-20071105_0000038.h5	100	5.4	165.4
EMSC-20071110_0000039	GE.MNAI..HL.EMSC-20071110_0000039.h5	100	4.9	183.1
EMSC-20071120_0000112	GE.MNAI..HL.EMSC-20071120_0000112.h5	100	5.4	187.9
EMSC-20071201_0000075	GE.MNAI..HL.EMSC-20071201_0000075.h5	100	5.3	179
EMSC-20071201_0000086	GE.MNAI..HL.EMSC-20071201_0000086.h5	100	5.1	176.9
EMSC-20071204_0000031	GE.TNTI..HL.EMSC-20071204_0000031.h5	100	5.1	95.8
EMSC-20071204_0000036	GE.TNTI..HL.EMSC-20071204_0000036.h5	100	5.6	191.6
EMSC-20071204_0000053	GE.MMRI..HL.EMSC-20071204_0000053.h5	100	5.1	16.8
EMSC-20071219_0000054	GE.MMRI..HL.EMSC-20071219_0000054.h5	100	5.3	197.5
EMSC-20071223_0000068	GE.MMRI..HL.EMSC-20071223_0000068.h5	100	5.3	168.7
EMSC-20080104_0000031	CX.HMBCX..HL.EMSC-20080104_0000031.h5	100	5.3	199.7
EMSC-20080120_0000042	GE.TNTI..HL.EMSC-20080120_0000042.h5	100	5.1	133.8
EMSC-20080120_0000054	GE.TNTI..HL.EMSC-20080120_0000054.h5	100	6.1	184.5
EMSC-20080122_0000076	CX.HMBCX..HL.EMSC-20080122_0000076.h5	100	5.1	48.7
EMSC-20080122_0000076	CX.PSGCX..HL.EMSC-20080122_0000076.h5	100	5.1	32.6
EMSC-20080124_0000094	GE.MNAI..HL.EMSC-20080124_0000094.h5	100	5.3	126.2
EMSC-20080130_0000089	RO.MLR..HN.EMSC-20080130_0000089.h5	100	3.8	46.5
EMSC-20080204_0000086	CX.HMBCX..HL.EMSC-20080204_0000086.h5	100	6.3	19.9
EMSC-20080204_0000086	CX.MNMCX..HL.EMSC-20080204_0000086.h5	100	6.3	123.6
EMSC-20080204_0000086	CX.PSGCX..HL.EMSC-20080204_0000086.h5	100	6.3	63.6
EMSC-20080206_0000072	GE.TNTI..HL.EMSC-20080206_0000072.h5	100	5	131.4
EMSC-20080209_0000039	CI.DRE..HL.EMSC-20080209_0000039.h5	100	5.1	51.9
EMSC-20080209_0000041	RO.MLR..HN.EMSC-20080209_0000041.h5	100	4.6	35.1
EMSC-20080211_0000048	EU.VRI.00.HN.EMSC-20080211_0000048.h5	100	3.9	29.9
EMSC-20080211_0000048	GE.TIRR..HN.EMSC-20080211_0000048.h5	100	3.9	191.8
EMSC-20080211_0000048	RO.MLR..HN.EMSC-20080211_0000048.h5	100	3.9	53.1
EMSC-20080216_0000060	CX.HMBCX..HL.EMSC-20080216_0000060.h5	100	6.1	196.1
EMSC-20080217_0000039	GE.TNTI..HL.EMSC-20080217_0000039.h5	100	5	133.9
EMSC-20080224_0000032	GE.MNAI..HL.EMSC-20080224_0000032.h5	100	5.2	127.6
EMSC-20080301_0000117	CX.HMBCX..HL.EMSC-20080301_0000117.h5	100	5.7	6.1
EMSC-20080301_0000117	CX.MNMCX..HL.EMSC-20080301_0000117.h5	100	5.7	129.7

EMSC-20080301_0000117	CX.PSGCX..HL.EMSC-20080301_0000117.h5	100	5.7	75.4
EMSC-20080301_0000123	GE.MNAI..HL.EMSC-20080301_0000123.h5	100	5.4	180.7
EMSC-20080303_0000094	GE.MNAI..HL.EMSC-20080303_0000094.h5	100	5.6	167.3
EMSC-20080303_0000100	GE.MNAI..HL.EMSC-20080303_0000100.h5	100	5.4	166.1
EMSC-20080308_0000043	GE.TNTI..HL.EMSC-20080308_0000043.h5	100	5.2	113.7
EMSC-20080310_0000081	GE.TNTI..HL.EMSC-20080310_0000081.h5	100	5	135.7
EMSC-20080313_0000034	GE.TNTI..HL.EMSC-20080313_0000034.h5	100	5.3	131
EMSC-20080313_0000062	GE.MNAI..HL.EMSC-20080313_0000062.h5	100	5	169.4
EMSC-20080320_0000056	GE.TNTI..HL.EMSC-20080320_0000056.h5	100	5.1	89.6
EMSC-20080321_0000075	EU.VRI.00.HN.EMSC-20080321_0000075.h5	100	4.1	35.4
EMSC-20080321_0000075	RO.MLR..HN.EMSC-20080321_0000075.h5	100	4.1	102.2
EMSC-20080321_0000075	RO.PLOR1..HN.EMSC-20080321_0000075.h5	100	4.1	41.4
EMSC-20080321_0000075	RO.PLOR2..HN.EMSC-20080321_0000075.h5	100	4.1	41.6
EMSC-20080321_0000075	RO.PLOR3..HN.EMSC-20080321_0000075.h5	100	4.1	41.5
EMSC-20080324_0000078	CX.HMBCX..HL.EMSC-20080324_0000078.h5	100	6.2	100.1
EMSC-20080324_0000078	CX.MNMCX..HL.EMSC-20080324_0000078.h5	100	6.2	120.8
EMSC-20080324_0000078	CX.PSGCX..HL.EMSC-20080324_0000078.h5	100	6.2	131.2
EMSC-20080329_0000055	GE.TNTI..HL.EMSC-20080329_0000055.h5	100	5.2	127.4
EMSC-20080329_0000056	GE.TNTI..HL.EMSC-20080329_0000056.h5	100	5	69.8
EMSC-20080401_0000053	GE.TNTI..HL.EMSC-20080401_0000053.h5	100	5.3	145.9
EMSC-20080402_0000047	GE.MNAI..HL.EMSC-20080402_0000047.h5	100	5.7	26.5
EMSC-20080403_0000069	GE.TNTI..HL.EMSC-20080403_0000069.h5	100	5	83.1
EMSC-20080407_0000052	RO.MLR..HN.EMSC-20080407_0000052.h5	100	3.1	53.7
EMSC-20080412_0000050	MN.AQU..HL.EMSC-20080412_0000050.h5	100	3.9	92.9
EMSC-20080415_0000057	RO.BUC1.00.HN.EMSC-20080415_0000057.h5	100	4.1	167.8
EMSC-20080508_0000056	EU.VRI.00.HN.EMSC-20080508_0000056.h5	100	3.4	46.4
EMSC-20080512_0000101	RO.BUC1.00.HN.EMSC-20080512_0000101.h5	100	3.9	120.9
EMSC-20080513_0000128	GE.TNTI..HL.EMSC-20080513_0000128.h5	100	5.1	197.8
EMSC-20080516_0000052	GE.LHMI..HL.EMSC-20080516_0000052.h5	100	4.1	85.3
EMSC-20080521_0000065	GE.MNAI..HL.EMSC-20080521_0000065.h5	100	4.9	57.9
EMSC-20080521_0000069	GE.MNAI..HL.EMSC-20080521_0000069.h5	100	5.5	188.7
EMSC-20080522_0000056	RO.MLR..HN.EMSC-20080522_0000056.h5	100	4.1	52.3
EMSC-20080522_0000056	RO.PLOR1..HN.EMSC-20080522_0000056.h5	100	4.1	25.5
EMSC-20080522_0000056	RO.PLOR2..HN.EMSC-20080522_0000056.h5	100	4.1	25.3
EMSC-20080522_0000056	RO.PLOR4..HN.EMSC-20080522_0000056.h5	100	4.1	25.5
EMSC-20080525_0000050	EU.VRI.00.HN.EMSC-20080525_0000050.h5	100	3.2	50.5
EMSC-20080525_0000050	RO.MLR..HN.EMSC-20080525_0000050.h5	100	3.2	29.2
EMSC-20080525_0000050	RO.PLOR..HN.EMSC-20080525_0000050.h5	100	3.2	45.6
EMSC-20080525_0000050	RO.PLOR1..HN.EMSC-20080525_0000050.h5	100	3.2	45.5
EMSC-20080525_0000050	RO.PLOR2..HN.EMSC-20080525_0000050.h5	100	3.2	45.2
EMSC-20080525_0000050	RO.PLOR3..HN.EMSC-20080525_0000050.h5	100	3.2	45.7
EMSC-20080525_0000050	RO.PLOR4..HN.EMSC-20080525_0000050.h5	100	3.2	45.6
EMSC-20080601_0000078	GE.TNTI..HL.EMSC-20080601_0000078.h5	100	4.9	173.2

EMSC-20080602_0000050	GE.LUWI..HL.EMSC-20080602_0000050.h5	100	5.3	125.6
EMSC-20080604_0000040	GE.LUWI..HL.EMSC-20080604_0000040.h5	100	5.3	48.2
EMSC-20080613_0000091	BO.AKT18.00.HN.EMSC-20080613_0000091.h5	100	6.9	90.9
EMSC-20080613_0000091	BO.AKT18.01.HN.EMSC-20080613_0000091.h5	100	6.9	90.9
EMSC-20080613_0000091	BO.AKT19.00.HN.EMSC-20080613_0000091.h5	100	6.9	75.2
EMSC-20080613_0000091	BO.AKT19.01.HN.EMSC-20080613_0000091.h5	100	6.9	75.2
EMSC-20080613_0000091	BO.AKT1A.00.HN.EMSC-20080613_0000091.h5	100	6.9	68.5
EMSC-20080613_0000091	BO.AKT1A.01.HN.EMSC-20080613_0000091.h5	100	6.9	68.5
EMSC-20080613_0000091	BO.AKT1C.00.HN.EMSC-20080613_0000091.h5	100	6.9	48.9
EMSC-20080613_0000091	BO.AKT1C.01.HN.EMSC-20080613_0000091.h5	100	6.9	48.9
EMSC-20080613_0000091	BO.AKT1D.00.HN.EMSC-20080613_0000091.h5	100	6.9	33.8
EMSC-20080613_0000091	BO.AKT1D.01.HN.EMSC-20080613_0000091.h5	100	6.9	33.8
EMSC-20080613_0000091	BO.AKT1E.00.HN.EMSC-20080613_0000091.h5	100	6.9	158.4
EMSC-20080613_0000091	BO.AKT1E.01.HN.EMSC-20080613_0000091.h5	100	6.9	158.4
EMSC-20080613_0000091	BO.AKT1F.00.HN.EMSC-20080613_0000091.h5	100	6.9	153.5
EMSC-20080613_0000091	BO.AKT1F.01.HN.EMSC-20080613_0000091.h5	100	6.9	153.5
EMSC-20080613_0000091	BO.AKT20.00.HN.EMSC-20080613_0000091.h5	100	6.9	143
EMSC-20080613_0000091	BO.AKT20.01.HN.EMSC-20080613_0000091.h5	100	6.9	143
EMSC-20080613_0000091	BO.AKT21.00.HN.EMSC-20080613_0000091.h5	100	6.9	143.4
EMSC-20080613_0000091	BO.AKT22.00.HN.EMSC-20080613_0000091.h5	100	6.9	113.5
EMSC-20080613_0000091	BO.AKT22.01.HN.EMSC-20080613_0000091.h5	100	6.9	113.5
EMSC-20080613_0000091	BO.AKT24.00.HN.EMSC-20080613_0000091.h5	100	6.9	114.8
EMSC-20080613_0000091	BO.AKT24.01.HN.EMSC-20080613_0000091.h5	100	6.9	114.8
EMSC-20080613_0000091	BO.AKT25.00.HN.EMSC-20080613_0000091.h5	100	6.9	83.7
EMSC-20080613_0000091	BO.AKT25.01.HN.EMSC-20080613_0000091.h5	100	6.9	83.7
EMSC-20080613_0000091	BO.AKT26.00.HN.EMSC-20080613_0000091.h5	100	6.9	73.4
EMSC-20080613_0000091	BO.AKT26.01.HN.EMSC-20080613_0000091.h5	100	6.9	73.4
EMSC-20080613_0000091	BO.AKT27.00.HN.EMSC-20080613_0000091.h5	100	6.9	63
EMSC-20080613_0000091	BO.AKT27.01.HN.EMSC-20080613_0000091.h5	100	6.9	63
EMSC-20080613_0000091	BO.AKT28.00.HN.EMSC-20080613_0000091.h5	100	6.9	55.9
EMSC-20080613_0000091	BO.AKT28.01.HN.EMSC-20080613_0000091.h5	100	6.9	55.9
EMSC-20080613_0000091	BO.AKT29.00.HN.EMSC-20080613_0000091.h5	100	6.9	39.7
EMSC-20080613_0000091	BO.AKT29.01.HN.EMSC-20080613_0000091.h5	100	6.9	39.7
EMSC-20080613_0000091	BO.AOM25.00.HN.EMSC-20080613_0000091.h5	100	6.9	198.4
EMSC-20080613_0000091	BO.AOM26.00.HN.EMSC-20080613_0000091.h5	100	6.9	182.3
EMSC-20080613_0000091	BO.AOM27.00.HN.EMSC-20080613_0000091.h5	100	6.9	176.3
EMSC-20080613_0000091	BO.AOM28.00.HN.EMSC-20080613_0000091.h5	100	6.9	172.4
EMSC-20080613_0000091	BO.AOM29.00.HN.EMSC-20080613_0000091.h5	100	6.9	174.2
EMSC-20080613_0000091	BO.AOM2A.00.HN.EMSC-20080613_0000091.h5	100	6.9	178.7
EMSC-20080613_0000091	BO.AOM2B.00.HN.EMSC-20080613_0000091.h5	100	6.9	176.5
EMSC-20080613_0000091	BO.AOM2C.00.HN.EMSC-20080613_0000091.h5	100	6.9	163.8
EMSC-20080613_0000091	BO.AOM2D.00.HN.EMSC-20080613_0000091.h5	100	6.9	160.1
EMSC-20080613_0000091	BO.AOM2E.00.HN.EMSC-20080613_0000091.h5	100	6.9	162.4

EMSC-20080613_0000091	BO.AOM2F.00.HN.EMSC-20080613_0000091.h5	100	6.9	141.1
EMSC-20080613_0000091	BO.FKS20.00.HN.EMSC-20080613_0000091.h5	100	6.9	174.2
EMSC-20080613_0000091	BO.FKS22.00.HN.EMSC-20080613_0000091.h5	100	6.9	186.1
EMSC-20080613_0000091	BO.FKS23.00.HN.EMSC-20080613_0000091.h5	100	6.9	198.6
EMSC-20080613_0000091	BO.FKS28.00.HN.EMSC-20080613_0000091.h5	100	6.9	190.3
EMSC-20080613_0000091	BO.FKS2E.00.HN.EMSC-20080613_0000091.h5	100	6.9	165.6
EMSC-20080613_0000091	BO.FKS2F.00.HN.EMSC-20080613_0000091.h5	100	6.9	147.2
EMSC-20080613_0000091	BO.FKS30.00.HN.EMSC-20080613_0000091.h5	100	6.9	153.7
EMSC-20080613_0000091	BO.FKS31.00.HN.EMSC-20080613_0000091.h5	100	6.9	173.6
EMSC-20080613_0000091	BO.FKS32.00.HN.EMSC-20080613_0000091.h5	100	6.9	173.7
EMSC-20080613_0000091	BO.FKS33.00.HN.EMSC-20080613_0000091.h5	100	6.9	171.1
EMSC-20080613_0000091	BO.IWT1B.00.HN.EMSC-20080613_0000091.h5	100	6.9	139.9
EMSC-20080613_0000091	BO.IWT1C.00.HN.EMSC-20080613_0000091.h5	100	6.9	98.3
EMSC-20080613_0000091	BO.IWT1C.01.HN.EMSC-20080613_0000091.h5	100	6.9	98.3
EMSC-20080613_0000091	BO.IWT1D.00.HN.EMSC-20080613_0000091.h5	100	6.9	108.5
EMSC-20080613_0000091	BO.IWT1D.01.HN.EMSC-20080613_0000091.h5	100	6.9	108.5
EMSC-20080613_0000091	BO.IWT1E.00.HN.EMSC-20080613_0000091.h5	100	6.9	47.2
EMSC-20080613_0000091	BO.IWT1E.01.HN.EMSC-20080613_0000091.h5	100	6.9	47.2
EMSC-20080613_0000091	BO.IWT1F.00.HN.EMSC-20080613_0000091.h5	100	6.9	44.7
EMSC-20080613_0000091	BO.IWT1F.01.HN.EMSC-20080613_0000091.h5	100	6.9	44.7
EMSC-20080613_0000091	BO.IWT20.00.HN.EMSC-20080613_0000091.h5	100	6.9	139
EMSC-20080613_0000091	BO.IWT21.00.HN.EMSC-20080613_0000091.h5	100	6.9	149.9
EMSC-20080613_0000091	BO.IWT22.00.HN.EMSC-20080613_0000091.h5	100	6.9	157.8
EMSC-20080613_0000091	BO.IWT23.00.HN.EMSC-20080613_0000091.h5	100	6.9	137.3
EMSC-20080613_0000091	BO.IWT24.00.HN.EMSC-20080613_0000091.h5	100	6.9	123.3
EMSC-20080613_0000091	BO.IWT25.00.HN.EMSC-20080613_0000091.h5	100	6.9	119.7
EMSC-20080613_0000091	BO.IWT26.00.HN.EMSC-20080613_0000091.h5	100	6.9	133.2
EMSC-20080613_0000091	BO.IWT27.00.HN.EMSC-20080613_0000091.h5	100	6.9	116.3
EMSC-20080613_0000091	BO.IWT28.00.HN.EMSC-20080613_0000091.h5	100	6.9	118.8
EMSC-20080613_0000091	BO.IWT29.00.HN.EMSC-20080613_0000091.h5	100	6.9	67.5
EMSC-20080613_0000091	BO.IWT29.01.HN.EMSC-20080613_0000091.h5	100	6.9	67.5
EMSC-20080613_0000091	BO.IWT2A.00.HN.EMSC-20080613_0000091.h5	100	6.9	68.4
EMSC-20080613_0000091	BO.IWT2A.01.HN.EMSC-20080613_0000091.h5	100	6.9	68.4
EMSC-20080613_0000091	BO.IWT2B.00.HN.EMSC-20080613_0000091.h5	100	6.9	92.1
EMSC-20080613_0000091	BO.IWT2B.01.HN.EMSC-20080613_0000091.h5	100	6.9	92.1
EMSC-20080613_0000091	BO.IWT2C.00.HN.EMSC-20080613_0000091.h5	100	6.9	83.9
EMSC-20080613_0000091	BO.IWT2C.01.HN.EMSC-20080613_0000091.h5	100	6.9	83.9
EMSC-20080613_0000091	BO.IWT2D.00.HN.EMSC-20080613_0000091.h5	100	6.9	48.4
EMSC-20080613_0000091	BO.IWT2D.01.HN.EMSC-20080613_0000091.h5	100	6.9	48.4
EMSC-20080613_0000091	BO.IWT2E.00.HN.EMSC-20080613_0000091.h5	100	6.9	37.7
EMSC-20080613_0000091	BO.IWT2E.01.HN.EMSC-20080613_0000091.h5	100	6.9	37.7
EMSC-20080613_0000091	BO.IWT2F.00.HN.EMSC-20080613_0000091.h5	100	6.9	103.4
EMSC-20080613_0000091	BO.IWT2F.01.HN.EMSC-20080613_0000091.h5	100	6.9	103.4

EMSC-20080613_0000091	BO.IWT30.00.HN.EMSC-20080613_0000091.h5	100	6.9	49.6
EMSC-20080613_0000091	BO.IWT30.01.HN.EMSC-20080613_0000091.h5	100	6.9	49.6
EMSC-20080613_0000091	BO.IWT31.00.HN.EMSC-20080613_0000091.h5	100	6.9	85.9
EMSC-20080613_0000091	BO.IWT31.01.HN.EMSC-20080613_0000091.h5	100	6.9	85.9
EMSC-20080613_0000091	BO.IWT32.00.HN.EMSC-20080613_0000091.h5	100	6.9	21.8
EMSC-20080613_0000091	BO.IWT32.01.HN.EMSC-20080613_0000091.h5	100	6.9	21.8
EMSC-20080613_0000091	BO.IWT33.00.HN.EMSC-20080613_0000091.h5	100	6.9	2.7
EMSC-20080613_0000091	BO.IWT34.00.HN.EMSC-20080613_0000091.h5	100	6.9	12.4
EMSC-20080613_0000091	BO.IWT34.01.HN.EMSC-20080613_0000091.h5	100	6.9	12.4
EMSC-20080613_0000091	BO.IWT35.00.HN.EMSC-20080613_0000091.h5	100	6.9	56.4
EMSC-20080613_0000091	BO.IWT35.01.HN.EMSC-20080613_0000091.h5	100	6.9	56.4
EMSC-20080613_0000091	BO.MYG12.00.HN.EMSC-20080613_0000091.h5	100	6.9	88.3
EMSC-20080613_0000091	BO.MYG12.01.HN.EMSC-20080613_0000091.h5	100	6.9	88.3
EMSC-20080613_0000091	BO.MYG13.00.HN.EMSC-20080613_0000091.h5	100	6.9	27.5
EMSC-20080613_0000091	BO.MYG13.01.HN.EMSC-20080613_0000091.h5	100	6.9	27.5
EMSC-20080613_0000091	BO.MYG14.00.HN.EMSC-20080613_0000091.h5	100	6.9	66.7
EMSC-20080613_0000091	BO.MYG14.01.HN.EMSC-20080613_0000091.h5	100	6.9	66.7
EMSC-20080613_0000091	BO.MYG15.00.HN.EMSC-20080613_0000091.h5	100	6.9	47.1
EMSC-20080613_0000091	BO.MYG15.01.HN.EMSC-20080613_0000091.h5	100	6.9	47.1
EMSC-20080613_0000091	BO.MYG17.00.HN.EMSC-20080613_0000091.h5	100	6.9	51.5
EMSC-20080613_0000091	BO.MYG17.01.HN.EMSC-20080613_0000091.h5	100	6.9	51.5
EMSC-20080613_0000091	BO.MYG19.00.HN.EMSC-20080613_0000091.h5	100	6.9	101.8
EMSC-20080613_0000091	BO.MYG19.01.HN.EMSC-20080613_0000091.h5	100	6.9	101.8
EMSC-20080613_0000091	BO.MYG1A.00.HN.EMSC-20080613_0000091.h5	100	6.9	115.9
EMSC-20080613_0000091	BO.MYG1B.00.HN.EMSC-20080613_0000091.h5	100	6.9	120.9
EMSC-20080613_0000091	BO.MYG1C.00.HN.EMSC-20080613_0000091.h5	100	6.9	69.7
EMSC-20080613_0000091	BO.MYG1C.01.HN.EMSC-20080613_0000091.h5	100	6.9	69.7
EMSC-20080613_0000091	BO.MYG1D.00.HN.EMSC-20080613_0000091.h5	100	6.9	65.1
EMSC-20080613_0000091	BO.MYG1D.01.HN.EMSC-20080613_0000091.h5	100	6.9	65.1
EMSC-20080613_0000091	BO.NIG1E.00.HN.EMSC-20080613_0000091.h5	100	6.9	142.7
EMSC-20080613_0000091	BO.NIG20.00.HN.EMSC-20080613_0000091.h5	100	6.9	153.4
EMSC-20080613_0000091	BO.NIG21.00.HN.EMSC-20080613_0000091.h5	100	6.9	182.2
EMSC-20080613_0000091	BO.YMT13.00.HN.EMSC-20080613_0000091.h5	100	6.9	100.3
EMSC-20080613_0000091	BO.YMT13.01.HN.EMSC-20080613_0000091.h5	100	6.9	100.3
EMSC-20080613_0000091	BO.YMT14.00.HN.EMSC-20080613_0000091.h5	100	6.9	120.7
EMSC-20080613_0000091	BO.YMT15.00.HN.EMSC-20080613_0000091.h5	100	6.9	116.9
EMSC-20080613_0000091	BO.YMT16.00.HN.EMSC-20080613_0000091.h5	100	6.9	149.1
EMSC-20080613_0000091	BO.YMT17.00.HN.EMSC-20080613_0000091.h5	100	6.9	133.1
EMSC-20080613_0000091	BO.YMT18.00.HN.EMSC-20080613_0000091.h5	100	6.9	146.2
EMSC-20080613_0000091	BO.YMT19.00.HN.EMSC-20080613_0000091.h5	100	6.9	73.7
EMSC-20080613_0000091	BO.YMT19.01.HN.EMSC-20080613_0000091.h5	100	6.9	73.7
EMSC-20080613_0000091	BO.YMT1A.00.HN.EMSC-20080613_0000091.h5	100	6.9	68.4
EMSC-20080613_0000091	BO.YMT1A.01.HN.EMSC-20080613_0000091.h5	100	6.9	68.4

EMSC-20080613_0000091	BO.YMT1D.00.HN.EMSC-20080613_0000091.h5	100	6.9	87.7
EMSC-20080613_0000091	BO.YMT1D.01.HN.EMSC-20080613_0000091.h5	100	6.9	87.7
EMSC-20080613_0000091	BO.YMT1E.00.HN.EMSC-20080613_0000091.h5	100	6.9	115.5
EMSC-20080613_0000091	BO.YMT1E.01.HN.EMSC-20080613_0000091.h5	100	6.9	115.5
EMSC-20080613_0000091	BO.YMT1F.00.HN.EMSC-20080613_0000091.h5	100	6.9	105.3
EMSC-20080613_0000091	BO.YMT1F.01.HN.EMSC-20080613_0000091.h5	100	6.9	105.3
EMSC-20080613_0000091	BO.YMT20.00.HN.EMSC-20080613_0000091.h5	100	6.9	93.9
EMSC-20080613_0000091	BO.YMT20.01.HN.EMSC-20080613_0000091.h5	100	6.9	93.9
EMSC-20080626_0000078	RO.MLR..HN.EMSC-20080626_0000078.h5	100	3.5	58.5
EMSC-20080626_0000078	RO.PLOR1..HN.EMSC-20080626_0000078.h5	100	3.5	17.8
EMSC-20080626_0000078	RO.PLOR2..HN.EMSC-20080626_0000078.h5	100	3.5	17.6
EMSC-20080626_0000078	RO.PLOR3..HN.EMSC-20080626_0000078.h5	100	3.5	18.1
EMSC-20080703_0000053	RO.MLR..HN.EMSC-20080703_0000053.h5	100	4.5	32.1
EMSC-20080703_0000085	EU.VRI.00.HN.EMSC-20080703_0000085.h5	100	4.3	26.5
EMSC-20080703_0000085	RO.MLR..HN.EMSC-20080703_0000085.h5	100	4.3	48.9
EMSC-20080715_0000077	RO.MLR..HN.EMSC-20080715_0000077.h5	100	3.6	22
EMSC-20080715_0000077	RO.PLOR..HN.EMSC-20080715_0000077.h5	100	3.6	57.3
EMSC-20080715_0000077	RO.PLOR1..HN.EMSC-20080715_0000077.h5	100	3.6	57.2
EMSC-20080715_0000077	RO.PLOR2..HN.EMSC-20080715_0000077.h5	100	3.6	56.9
EMSC-20080715_0000077	RO.PLOR3..HN.EMSC-20080715_0000077.h5	100	3.6	57.3
EMSC-20080715_0000077	RO.PLOR4..HN.EMSC-20080715_0000077.h5	100	3.6	57.3
EMSC-20080715_0000077	RO.SULR..HN.EMSC-20080715_0000077.h5	100	3.6	84.3
EMSC-20080715_0000077	RO.VOIR..HN.EMSC-20080715_0000077.h5	100	3.6	91.2
EMSC-20080716_0000045	EU.VRI.00.HN.EMSC-20080716_0000045.h5	100	3.8	43.5
EMSC-20080716_0000045	RO.MLR..HN.EMSC-20080716_0000045.h5	100	3.8	34
EMSC-20080729_0000051	AZ.BZN..HN.EMSC-20080729_0000051.h5	100	5.4	113.8
EMSC-20080729_0000051	AZ.CPE..HN.EMSC-20080729_0000051.h5	100	5.4	132.6
EMSC-20080729_0000051	AZ.CRY..HN.EMSC-20080729_0000051.h5	100	5.4	104.4
EMSC-20080729_0000051	AZ.CSLB..HN.EMSC-20080729_0000051.h5	100	5.4	37.1
EMSC-20080729_0000051	AZ.FRD..HN.EMSC-20080729_0000051.h5	100	5.4	119.1
EMSC-20080729_0000051	AZ.HWB..HN.EMSC-20080729_0000051.h5	100	5.4	126.8
EMSC-20080729_0000051	AZ.KNW..HN.EMSC-20080729_0000051.h5	100	5.4	101
EMSC-20080729_0000051	AZ.LVA2..HN.EMSC-20080729_0000051.h5	100	5.4	129.9
EMSC-20080729_0000051	AZ.RDM..HN.EMSC-20080729_0000051.h5	100	5.4	92.1
EMSC-20080729_0000051	AZ.SCI2..HN.EMSC-20080729_0000051.h5	100	5.4	132.8
EMSC-20080729_0000051	AZ.SMER..HN.EMSC-20080729_0000051.h5	100	5.4	77.5
EMSC-20080729_0000051	AZ.SND..HN.EMSC-20080729_0000051.h5	100	5.4	115.6
EMSC-20080729_0000051	AZ.WMC..HN.EMSC-20080729_0000051.h5	100	5.4	109.3
EMSC-20080729_0000051	CI.BBR..HN.EMSC-20080729_0000051.h5	100	5.4	85.4
EMSC-20080729_0000051	CI.DPP..HN.EMSC-20080729_0000051.h5	100	5.4	130.3
EMSC-20080729_0000051	CI.FMP..HN.EMSC-20080729_0000051.h5	100	5.4	55.4
EMSC-20080729_0000051	CI.PLM..HN.EMSC-20080729_0000051.h5	100	5.4	106.7
EMSC-20080731_0000047	CU.TGUH..HL.EMSC-20080731_0000047.h5	100	4.9	181.7

EMSC-20080803_0000100	GE.BNDI..HL.EMSC-20080803_0000100.h5	100	5	170
EMSC-20080804_0000052	GE.BNDI..HL.EMSC-20080804_0000052.h5	100	6.3	157.4
EMSC-20080814_0000047	RO.MLR..HN.EMSC-20080814_0000047.h5	100	3.3	49
EMSC-20080814_0000047	RO.PETR..HN.EMSC-20080814_0000047.h5	100	3.3	55.5
EMSC-20080814_0000047	RO.PLOR..HN.EMSC-20080814_0000047.h5	100	3.3	23
EMSC-20080814_0000047	RO.PLOR1..HN.EMSC-20080814_0000047.h5	100	3.3	23
EMSC-20080814_0000047	RO.PLOR2..HN.EMSC-20080814_0000047.h5	100	3.3	22.7
EMSC-20080814_0000047	RO.PLOR3..HN.EMSC-20080814_0000047.h5	100	3.3	23.2
EMSC-20080814_0000047	RO.PLOR4..HN.EMSC-20080814_0000047.h5	100	3.3	23
EMSC-20080814_0000047	RO.SULR..HN.EMSC-20080814_0000047.h5	100	3.3	111.7
EMSC-20080814_0000047	RO.TESR..HN.EMSC-20080814_0000047.h5	100	3.3	94.7
EMSC-20080814_0000067	MN.PDG..HL.EMSC-20080814_0000067.h5	100	4	107
EMSC-20080821_0000081	GE.TOLI..HL.EMSC-20080821_0000081.h5	100	5	196.2
EMSC-20080822_0000052	GE.MNAI..HL.EMSC-20080822_0000052.h5	100	5.2	140.4
EMSC-20080829_0000039	EU.VRI.00.HN.EMSC-20080829_0000039.h5	100	4.4	44.2
EMSC-20080829_0000039	RO.MLR..HN.EMSC-20080829_0000039.h5	100	4.4	34.2
EMSC-20080829_0000044	GE.TOLI..HL.EMSC-20080829_0000044.h5	100	5.2	27.8
EMSC-20080902_0000041	GE.MNAI..HL.EMSC-20080902_0000041.h5	100	5	166.1
EMSC-20080902_0000058	GE.MMRI..HL.EMSC-20080902_0000058.h5	100	5.1	187.7
EMSC-20080906_0000060	EU.VRI.00.HN.EMSC-20080906_0000060.h5	100	4.4	13.3
EMSC-20080906_0000060	RO.BUC1.00.HN.EMSC-20080906_0000060.h5	100	4.4	170.3
EMSC-20080906_0000060	RO.GHRR..HN.EMSC-20080906_0000060.h5	100	4.4	70.3
EMSC-20080906_0000060	RO.IAS..HN.EMSC-20080906_0000060.h5	100	4.4	169.2
EMSC-20080906_0000060	RO.MLR..HN.EMSC-20080906_0000060.h5	100	4.4	61.3
EMSC-20080906_0000060	RO.PETR..HN.EMSC-20080906_0000060.h5	100	4.4	53.4
EMSC-20080906_0000060	RO.PLOR..HN.EMSC-20080906_0000060.h5	100	4.4	7.1
EMSC-20080906_0000060	RO.PLOR1..HN.EMSC-20080906_0000060.h5	100	4.4	6.9
EMSC-20080906_0000060	RO.PLOR2..HN.EMSC-20080906_0000060.h5	100	4.4	6.6
EMSC-20080906_0000060	RO.PLOR3..HN.EMSC-20080906_0000060.h5	100	4.4	6.9
EMSC-20080906_0000060	RO.PLOR4..HN.EMSC-20080906_0000060.h5	100	4.4	7.1
EMSC-20080906_0000060	RO.SULR..HN.EMSC-20080906_0000060.h5	100	4.4	130.6
EMSC-20080906_0000060	RO.TESR..HN.EMSC-20080906_0000060.h5	100	4.4	75.8
EMSC-20080906_0000060	RO.VOIR..HN.EMSC-20080906_0000060.h5	100	4.4	125.9
EMSC-20080909_0000039	GE.MNAI..HL.EMSC-20080909_0000039.h5	100	5.2	48.4
EMSC-20080910_0000073	CX.HMBCX..HL.EMSC-20080910_0000073.h5	100	5.7	69.4
EMSC-20080910_0000073	CX.MNMCX..HL.EMSC-20080910_0000073.h5	100	5.7	131.1
EMSC-20080910_0000073	CX.PSGCX..HL.EMSC-20080910_0000073.h5	100	5.7	119.5
EMSC-20080911_0000052	GE.TNTI..HL.EMSC-20080911_0000052.h5	100	6.6	123.1
EMSC-20080913_0000039	GE.BNDI..HL.EMSC-20080913_0000039.h5	100	5.6	133.5
EMSC-20080917_0000042	GE.CSS..HL.EMSC-20080917_0000042.h5	100	4	183.5
EMSC-20080917_0000072	GE.MNAI..HL.EMSC-20080917_0000072.h5	100	5.1	124.6
EMSC-20080926_0000078	GE.BNDI..HL.EMSC-20080926_0000078.h5	100	5.1	157.3
EMSC-20081002_0000094	EU.VRI.00.HN.EMSC-20081002_0000094.h5	100	4.4	27

EMSC-20081002_0000094	RO.MLR..HN.EMSC-20081002_0000094.h5	100	4.4	48.5
EMSC-20081006_0000102	GE.BNDI..HL.EMSC-20081006_0000102.h5	100	4.4	190.5
EMSC-20081011_0000135	GE.SMRI..HL.EMSC-20081011_0000135.h5	100	5.2	163.1
EMSC-20081015_0000067	EU.VRI.00.HN.EMSC-20081015_0000067.h5	100	3.7	30.8
EMSC-20081015_0000067	RO.MLR..HN.EMSC-20081015_0000067.h5	100	3.7	43.4
EMSC-20081019_0000055	GE.CSS..HL.EMSC-20081019_0000055.h5	100	4.2	63.9
EMSC-20081019_0000062	GE.DAMY..HL.EMSC-20081019_0000062.h5	100	4	48
EMSC-20081020_0000067	EU.VRI.00.HN.EMSC-20081020_0000067.h5	100	3.3	10.3
EMSC-20081020_0000067	RO.GHRR..HN.EMSC-20081020_0000067.h5	100	3.3	48.5
EMSC-20081020_0000067	RO.IAS..HN.EMSC-20081020_0000067.h5	100	3.3	158.3
EMSC-20081020_0000067	RO.MLR..HN.EMSC-20081020_0000067.h5	100	3.3	81.7
EMSC-20081020_0000067	RO.PETR..HN.EMSC-20081020_0000067.h5	100	3.3	32.3
EMSC-20081020_0000067	RO.PLOR..HN.EMSC-20081020_0000067.h5	100	3.3	16.2
EMSC-20081020_0000067	RO.PLOR1..HN.EMSC-20081020_0000067.h5	100	3.3	16.5
EMSC-20081020_0000067	RO.PLOR2..HN.EMSC-20081020_0000067.h5	100	3.3	16.7
EMSC-20081020_0000067	RO.PLOR4..HN.EMSC-20081020_0000067.h5	100	3.3	16.2
EMSC-20081020_0000067	RO.TESR..HN.EMSC-20081020_0000067.h5	100	3.3	75.2
EMSC-20081021_0000113	RO.MLR..HN.EMSC-20081021_0000113.h5	100	4	48
EMSC-20081024_0000059	FR.MON.00.HN.EMSC-20081024_0000059.h5	100	3.9	71.1
EMSC-20081024_0000091	MN.PDG..HL.EMSC-20081024_0000091.h5	100	4	160
EMSC-20081024_0000096	MN.PDG..HL.EMSC-20081024_0000096.h5	100	4.5	159.8
EMSC-20081026_0000064	GE.LUWI..HL.EMSC-20081026_0000064.h5	100	5.6	103.2
EMSC-20081030_0000095	GE.TNTI..HL.EMSC-20081030_0000095.h5	100	5.1	85.3
EMSC-20081109_0000068	GE.CSS..HL.EMSC-20081109_0000068.h5	100	4.2	73.7
EMSC-20081110_0000055	GE.BKNI..HL.EMSC-20081110_0000055.h5	100	5.1	118.9
EMSC-20081111_0000041	GE.MNAI..HL.EMSC-20081111_0000041.h5	100	5	88.5
EMSC-20081114_0000070	MN.PDG..HL.EMSC-20081114_0000070.h5	100	4.2	62.1
EMSC-20081122_0000039	GE.MNAI..HL.EMSC-20081122_0000039.h5	100	6.3	188.3
EMSC-20081122_0000042	GE.MNAI..HL.EMSC-20081122_0000042.h5	100	5.7	170.9
EMSC-20081128_0000045	GE.MNAI..HL.EMSC-20081128_0000045.h5	100	5.9	139.3
EMSC-20081201_0000066	EU.VRI.00.HN.EMSC-20081201_0000066.h5	100	4.1	25.2
EMSC-20081201_0000066	RO.GHRR..HN.EMSC-20081201_0000066.h5	100	4.1	79.9
EMSC-20081201_0000066	RO.PETR..HN.EMSC-20081201_0000066.h5	100	4.1	54.8
EMSC-20081201_0000066	RO.PLOR..HN.EMSC-20081201_0000066.h5	100	4.1	20.6
EMSC-20081201_0000066	RO.PLOR1..HN.EMSC-20081201_0000066.h5	100	4.1	20.6
EMSC-20081201_0000066	RO.PLOR2..HN.EMSC-20081201_0000066.h5	100	4.1	20.3
EMSC-20081201_0000066	RO.PLOR3..HN.EMSC-20081201_0000066.h5	100	4.1	20.7
EMSC-20081201_0000066	RO.PLOR4..HN.EMSC-20081201_0000066.h5	100	4.1	20.6
EMSC-20081201_0000066	RO.TESR..HN.EMSC-20081201_0000066.h5	100	4.1	92.2
EMSC-20081209_0000045	GE.TNTI..HL.EMSC-20081209_0000045.h5	100	5.2	71.9
EMSC-20081211_0000065	GE.TNTI..HL.EMSC-20081211_0000065.h5	100	5	128.7
EMSC-20081211_0000079	GE.LUWI..HL.EMSC-20081211_0000079.h5	100	5.9	142.6
EMSC-20081217_0000052	EU.VRI.00.HN.EMSC-20081217_0000052.h5	100	3.8	29.4

EMSC-20081217_0000052	RO.CNCR..HN.EMSC-20081217_0000052.h5	100	3.8	137.6
EMSC-20081217_0000052	RO.GHRR..HN.EMSC-20081217_0000052.h5	100	3.8	84.7
EMSC-20081217_0000052	RO.HUMR..HN.EMSC-20081217_0000052.h5	100	3.8	172.9
EMSC-20081217_0000052	RO.IAS..HN.EMSC-20081217_0000052.h5	100	3.8	188.4
EMSC-20081217_0000052	RO.LEOM..HN.EMSC-20081217_0000052.h5	100	3.8	163.8
EMSC-20081217_0000052	RO.MLR..HN.EMSC-20081217_0000052.h5	100	3.8	45.6
EMSC-20081217_0000052	RO.PETR..HN.EMSC-20081217_0000052.h5	100	3.8	59.7
EMSC-20081217_0000052	RO.PLOR..HN.EMSC-20081217_0000052.h5	100	3.8	24.3
EMSC-20081217_0000052	RO.PLOR1..HN.EMSC-20081217_0000052.h5	100	3.8	24.2
EMSC-20081217_0000052	RO.PLOR4..HN.EMSC-20081217_0000052.h5	100	3.8	24.3
EMSC-20081217_0000052	RO.SULR..HN.EMSC-20081217_0000052.h5	100	3.8	112
EMSC-20081217_0000052	RO.TESR..HN.EMSC-20081217_0000052.h5	100	3.8	94.2
EMSC-20081217_0000071	GE.MNAI..HL.EMSC-20081217_0000071.h5	100	5.2	199.1
EMSC-20081218_0000053	GE.TNTI..HL.EMSC-20081218_0000053.h5	100	5.3	170.3
EMSC-20081219_0000058	GE.TNTI..HL.EMSC-20081219_0000058.h5	100	5.2	77.4
EMSC-20081230_0000084	GE.MNAI..HL.EMSC-20081230_0000084.h5	100	5.9	193.1
EMSC-20090101_0000059	GE.MNAI..HL.EMSC-20090101_0000059.h5	100	5.5	184
EMSC-20090101_0000062	GE.MNAI..HL.EMSC-20090101_0000062.h5	100	5.3	190.9
EMSC-20090107_0000041	GE.TNTI..HL.EMSC-20090107_0000041.h5	100	5	112.5
EMSC-20090107_0000042	GE.MMRI..HL.EMSC-20090107_0000042.h5	100	5	184.7
EMSC-20090108_0000062	MN.PDG..HL.EMSC-20090108_0000062.h5	100	4.9	149.4
EMSC-20090112_0000036	GE.CSS..HL.EMSC-20090112_0000036.h5	100	4.2	91
EMSC-20090115_0000068	EU.VRI.00.HN.EMSC-20090115_0000068.h5	100	3.7	45.4
EMSC-20090115_0000068	RO.HUMR..HN.EMSC-20090115_0000068.h5	100	3.7	156.9
EMSC-20090115_0000068	RO.MLR..HN.EMSC-20090115_0000068.h5	100	3.7	31.7
EMSC-20090115_0000068	RO.PLOR..HN.EMSC-20090115_0000068.h5	100	3.7	40.3
EMSC-20090115_0000068	RO.PLOR1..HN.EMSC-20090115_0000068.h5	100	3.7	40.3
EMSC-20090115_0000068	RO.PLOR4..HN.EMSC-20090115_0000068.h5	100	3.7	40.3
EMSC-20090120_0000058	GE.BNDI..HL.EMSC-20090120_0000058.h5	100	5.5	18.9
EMSC-20090122_0000059	GE.TNTI..HL.EMSC-20090122_0000059.h5	100	5.1	143.4
EMSC-20090126_0000049	GE.BKNI..HL.EMSC-20090126_0000049.h5	100	5	114.3
EMSC-20090131_0000072	CX.HMBCX..HL.EMSC-20090131_0000072.h5	100	5.5	129.1
EMSC-20090131_0000072	CX.MNMCX..HL.EMSC-20090131_0000072.h5	100	5.5	63.7
EMSC-20090131_0000072	CX.PSGCX..HL.EMSC-20090131_0000072.h5	100	5.5	113
EMSC-20090211_0000121	CX.HMBCX..HL.EMSC-20090211_0000121.h5	100	5.3	114.3
EMSC-20090211_0000121	CX.MNMCX..HL.EMSC-20090211_0000121.h5	100	5.3	149.6
EMSC-20090211_0000121	CX.PSGCX..HL.EMSC-20090211_0000121.h5	100	5.3	156.7
EMSC-20090217_0000114	GE.TNTI..HL.EMSC-20090217_0000114.h5	100	5	193.5
EMSC-20090302_0000078	EU.VRI.00.HN.EMSC-20090302_0000078.h5	100	3.6	71.6
EMSC-20090302_0000078	RO.IAS..HN.EMSC-20090302_0000078.h5	100	3.6	176.8
EMSC-20090302_0000078	RO.MLR..HN.EMSC-20090302_0000078.h5	100	3.6	127.3
EMSC-20090302_0000078	RO.PETR..HN.EMSC-20090302_0000078.h5	100	3.6	29.4
EMSC-20090302_0000078	RO.PLOR..HN.EMSC-20090302_0000078.h5	100	3.6	76.6

EMSC-20090302_0000078	RO.PLOR1..HN.EMSC-20090302_0000078.h5	100	3.6	76.8
EMSC-20090302_0000078	RO.PLOR4..HN.EMSC-20090302_0000078.h5	100	3.6	76.6
EMSC-20090303_0000129	GE.TNTI..HL.EMSC-20090303_0000129.h5	100	4.9	143.9
EMSC-20090306_0000080	MN.PDG..HL.EMSC-20090306_0000080.h5	100	3.9	141.7
EMSC-20090307_0000072	GE.MMRI..HL.EMSC-20090307_0000072.h5	100	5.3	152.4
EMSC-20090307_0000077	MN.PDG..HL.EMSC-20090307_0000077.h5	100	4.1	140.5
EMSC-20090310_0000100	MN.PDG..HL.EMSC-20090310_0000100.h5	100	3.9	159.1
EMSC-20090318_0000073	MN.PDG..HL.EMSC-20090318_0000073.h5	100	4.3	141.6
EMSC-20090318_0000079	GE.LUWI..HL.EMSC-20090318_0000079.h5	100	4.9	140.9
EMSC-20090321_0000048	EU.VRI.00.HN.EMSC-20090321_0000048.h5	100	3.4	70.3
EMSC-20090321_0000048	RO.GHRR..HN.EMSC-20090321_0000048.h5	100	3.4	121.6
EMSC-20090321_0000048	RO.HUMR..HN.EMSC-20090321_0000048.h5	100	3.4	133.9
EMSC-20090321_0000048	RO.MLR..HN.EMSC-20090321_0000048.h5	100	3.4	29.1
EMSC-20090321_0000048	RO.PLOR..HN.EMSC-20090321_0000048.h5	100	3.4	65.8
EMSC-20090321_0000048	RO.PLOR1..HN.EMSC-20090321_0000048.h5	100	3.4	65.8
EMSC-20090321_0000048	RO.PLOR4..HN.EMSC-20090321_0000048.h5	100	3.4	65.8
EMSC-20090321_0000048	RO.SULR..HN.EMSC-20090321_0000048.h5	100	3.4	72.8
EMSC-20090321_0000048	RO.VOIR..HN.EMSC-20090321_0000048.h5	100	3.4	94.1
EMSC-20090327_0000063	CX.HMBCX..HL.EMSC-20090327_0000063.h5	100	5.4	150.3
EMSC-20090327_0000063	CX.MNMCX..HL.EMSC-20090327_0000063.h5	100	5.4	40.6
EMSC-20090327_0000063	CX.PSGCX..HL.EMSC-20090327_0000063.h5	100	5.4	111.5
EMSC-20090327_0000069	GE.CISI..HL.EMSC-20090327_0000069.h5	100	5	194.8
EMSC-20090406_0000100	MN.AQU..HL.EMSC-20090406_0000100.h5	100	4.1	1.8
EMSC-20090407_0000144	4A.MI01..HN.EMSC-20090407_0000144.h5	100	3.6	12.3
EMSC-20090407_0000144	4A.MI02..HN.EMSC-20090407_0000144.h5	100	3.6	9.4
EMSC-20090407_0000144	4A.MI03..HN.EMSC-20090407_0000144.h5	100	3.6	10
EMSC-20090407_0000144	4A.MI05..HN.EMSC-20090407_0000144.h5	100	3.6	15.5
EMSC-20090407_0000144	MN.AQU..HL.EMSC-20090407_0000144.h5	100	3.6	3.7
EMSC-20090408_0000056	4A.MI01..HN.EMSC-20090408_0000056.h5	100	3.6	8.2
EMSC-20090408_0000056	4A.MI02..HN.EMSC-20090408_0000056.h5	100	3.6	6.9
EMSC-20090408_0000056	4A.MI03..HN.EMSC-20090408_0000056.h5	100	3.6	4
EMSC-20090408_0000056	4A.MI05..HN.EMSC-20090408_0000056.h5	100	3.6	5.2
EMSC-20090408_0000056	MN.AQU..HL.EMSC-20090408_0000056.h5	100	3.6	8.2
EMSC-20090408_0000058	4A.MI01..HN.EMSC-20090408_0000058.h5	100	3.8	8.5
EMSC-20090408_0000058	4A.MI02..HN.EMSC-20090408_0000058.h5	100	3.8	7.2
EMSC-20090408_0000058	4A.MI03..HN.EMSC-20090408_0000058.h5	100	3.8	4.3
EMSC-20090408_0000058	4A.MI05..HN.EMSC-20090408_0000058.h5	100	3.8	5.2
EMSC-20090408_0000058	MN.AQU..HL.EMSC-20090408_0000058.h5	100	3.8	8.5
EMSC-20090412_0000079	EU.VRI.00.HN.EMSC-20090412_0000079.h5	100	4	22
EMSC-20090412_0000079	RO.MLR..HN.EMSC-20090412_0000079.h5	100	4	54
EMSC-20090412_0000079	RO.PLOR..HN.EMSC-20090412_0000079.h5	100	4	17.8
EMSC-20090412_0000079	RO.PLOR1..HN.EMSC-20090412_0000079.h5	100	4	17.8
EMSC-20090412_0000079	RO.PLOR4..HN.EMSC-20090412_0000079.h5	100	4	17.8

EMSC-20090412_0000079	RO.TESR..HN.EMSC-20090412_0000079.h5	100	4	90.3
EMSC-20090415_0000079	GE.FAKI..HL.EMSC-20090415_0000079.h5	100	5	180.4
EMSC-20090417_0000063	CX.HMBCX..HL.EMSC-20090417_0000063.h5	100	6.1	98.9
EMSC-20090417_0000063	CX.MNMCX..HL.EMSC-20090417_0000063.h5	100	6.1	105.9
EMSC-20090417_0000063	CX.PSGCX..HL.EMSC-20090417_0000063.h5	100	6.1	37.8
EMSC-20090417_0000064	CX.MNMCX..HL.EMSC-20090417_0000064.h5	100	5	95.4
EMSC-20090420_0000063	GE.BNDI..HL.EMSC-20090420_0000063.h5	100	5.6	43.8
EMSC-20090421_0000076	GE.BNDI..HL.EMSC-20090421_0000076.h5	100	5.7	41.9
EMSC-20090425_0000080	EU.VRI.00.HN.EMSC-20090425_0000080.h5	100	5.2	21.8
EMSC-20090425_0000080	GE.TIRR..HN.EMSC-20090425_0000080.h5	100	5.2	199.5
EMSC-20090425_0000080	RO.BUC1.00.HN.EMSC-20090425_0000080.h5	100	5.2	156.3
EMSC-20090425_0000080	RO.CNCR..HN.EMSC-20090425_0000080.h5	100	5.2	141.7
EMSC-20090425_0000080	RO.GHRR..HN.EMSC-20090425_0000080.h5	100	5.2	75.8
EMSC-20090425_0000080	RO.HUMR..HN.EMSC-20090425_0000080.h5	100	5.2	181.1
EMSC-20090425_0000080	RO.IAS..HN.EMSC-20090425_0000080.h5	100	5.2	182.2
EMSC-20090425_0000080	RO.LEOM..HN.EMSC-20090425_0000080.h5	100	5.2	154.9
EMSC-20090425_0000080	RO.MLR..HN.EMSC-20090425_0000080.h5	100	5.2	54.7
EMSC-20090425_0000080	RO.PETR..HN.EMSC-20090425_0000080.h5	100	5.2	50.7
EMSC-20090425_0000080	RO.PLOR..HN.EMSC-20090425_0000080.h5	100	5.2	17.8
EMSC-20090425_0000080	RO.PLOR1..HN.EMSC-20090425_0000080.h5	100	5.2	17.8
EMSC-20090425_0000080	RO.PLOR4..HN.EMSC-20090425_0000080.h5	100	5.2	17.8
EMSC-20090425_0000080	RO.SULR..HN.EMSC-20090425_0000080.h5	100	5.2	116.3
EMSC-20090425_0000080	RO.TESR..HN.EMSC-20090425_0000080.h5	100	5.2	90.6
EMSC-20090425_0000080	RO.VOIR..HN.EMSC-20090425_0000080.h5	100	5.2	123.1
EMSC-20090426_0000085	EU.VRI.00.HN.EMSC-20090426_0000085.h5	100	4	20.6
EMSC-20090426_0000085	RO.GHRR..HN.EMSC-20090426_0000085.h5	100	4	72.4
EMSC-20090426_0000085	RO.IAS..HN.EMSC-20090426_0000085.h5	100	4	181.1
EMSC-20090426_0000085	RO.MLR..HN.EMSC-20090426_0000085.h5	100	4	58.6
EMSC-20090426_0000085	RO.PLOR..HN.EMSC-20090426_0000085.h5	100	4	17.8
EMSC-20090426_0000085	RO.PLOR1..HN.EMSC-20090426_0000085.h5	100	4	17.9
EMSC-20090426_0000085	RO.PLOR4..HN.EMSC-20090426_0000085.h5	100	4	17.8
EMSC-20090426_0000085	RO.TESR..HN.EMSC-20090426_0000085.h5	100	4	91.2
EMSC-20090501_0000088	MN.PDG..HL.EMSC-20090501_0000088.h5	100	3.7	158.1
EMSC-20090512_0000033	EU.VRI.00.HN.EMSC-20090512_0000033.h5	100	3.8	43.2
EMSC-20090512_0000033	RO.CNCR..HN.EMSC-20090512_0000033.h5	100	3.8	123.6
EMSC-20090512_0000033	RO.HUMR..HN.EMSC-20090512_0000033.h5	100	3.8	159.6
EMSC-20090512_0000033	RO.MLR..HN.EMSC-20090512_0000033.h5	100	3.8	36.3
EMSC-20090512_0000033	RO.PETR..HN.EMSC-20090512_0000033.h5	100	3.8	67.5
EMSC-20090512_0000033	RO.PLOR..HN.EMSC-20090512_0000033.h5	100	3.8	38.5
EMSC-20090512_0000033	RO.PLOR1..HN.EMSC-20090512_0000033.h5	100	3.8	38.5
EMSC-20090512_0000033	RO.PLOR4..HN.EMSC-20090512_0000033.h5	100	3.8	38.5
EMSC-20090512_0000033	RO.SULR..HN.EMSC-20090512_0000033.h5	100	3.8	97.8
EMSC-20090512_0000033	RO.TESR..HN.EMSC-20090512_0000033.h5	100	3.8	108.5

EMSC-20090512_0000033	RO.VOIR..HN.EMSC-20090512_0000033.h5	100	3.8	106.4
EMSC-20090518_0000072	GE.MNAI..HL.EMSC-20090518_0000072.h5	100	5	190.7
EMSC-20090527_0000045	EU.VRI.00.HN.EMSC-20090527_0000045.h5	100	3.9	25.7
EMSC-20090527_0000045	RO.BUC1.00.HN.EMSC-20090527_0000045.h5	100	3.9	153.8
EMSC-20090527_0000045	RO.IAS..HN.EMSC-20090527_0000045.h5	100	3.9	185.3
EMSC-20090527_0000045	RO.MLR..HN.EMSC-20090527_0000045.h5	100	3.9	49.8
EMSC-20090527_0000045	RO.PLOR1..HN.EMSC-20090527_0000045.h5	100	3.9	20.8
EMSC-20090527_0000068	MN.PDG..HL.EMSC-20090527_0000068.h5	100	3.4	158.8
EMSC-20090529_0000091	GE.TNTI..HL.EMSC-20090529_0000091.h5	100	5.3	141.8
EMSC-20090531_0000047	GE.TNTI..HL.EMSC-20090531_0000047.h5	100	4.8	197.1
EMSC-20090603_0000060	GE.MMRI..HL.EMSC-20090603_0000060.h5	100	5	33.9
EMSC-20090605_0000083	GE.MMRI..HL.EMSC-20090605_0000083.h5	100	5	174.3
EMSC-20090611_0000046	GE.MNAI..HL.EMSC-20090611_0000046.h5	100	5.3	58.4
EMSC-20090615_0000065	GE.SOCY..HL.EMSC-20090615_0000065.h5	100	4.1	197.7
EMSC-20090619_0000091	CX.HMBCX..HL.EMSC-20090619_0000091.h5	100	5.2	135.9
EMSC-20090621_0000089	MN.BLY..HL.EMSC-20090621_0000089.h5	100	3.8	151.7
EMSC-20090621_0000090	MN.BLY..HL.EMSC-20090621_0000090.h5	100	4.7	151
EMSC-20090621_0000090	MN.PDG..HL.EMSC-20090621_0000090.h5	100	4.7	190
EMSC-20090627_0000044	EU.VRI.00.HN.EMSC-20090627_0000044.h5	100	3.6	6.6
EMSC-20090627_0000044	GE.TIRR..HN.EMSC-20090627_0000044.h5	100	3.6	199.4
EMSC-20090627_0000044	RO.CNCR..HN.EMSC-20090627_0000044.h5	100	3.6	156
EMSC-20090627_0000044	RO.HUMR..HN.EMSC-20090627_0000044.h5	100	3.6	198.3
EMSC-20090627_0000044	RO.IAS..HN.EMSC-20090627_0000044.h5	100	3.6	166.3
EMSC-20090627_0000044	RO.MLR..HN.EMSC-20090627_0000044.h5	100	3.6	71.2
EMSC-20090627_0000044	RO.PETR..HN.EMSC-20090627_0000044.h5	100	3.6	39.3
EMSC-20090627_0000044	RO.PLOR..HN.EMSC-20090627_0000044.h5	100	3.6	8.6
EMSC-20090627_0000044	RO.PLOR1..HN.EMSC-20090627_0000044.h5	100	3.6	8.8
EMSC-20090627_0000044	RO.PLOR4..HN.EMSC-20090627_0000044.h5	100	3.6	8.6
EMSC-20090627_0000044	RO.SULR..HN.EMSC-20090627_0000044.h5	100	3.6	131.2
EMSC-20090627_0000044	RO.TESR..HN.EMSC-20090627_0000044.h5	100	3.6	78.7
EMSC-20090627_0000051	RM.SZP..HN.EMSC-20090627_0000051.h5	100	5	183.5
EMSC-20090701_0000115	GE.TNTI..HL.EMSC-20090701_0000115.h5	100	5.8	159.3
EMSC-20090702_0000080	GE.BKNI..HL.EMSC-20090702_0000080.h5	100	5.1	172
EMSC-20090703_0000101	GE.BNDI..HL.EMSC-20090703_0000101.h5	100	5.2	188.6
EMSC-20090703_0000101	GE.FAKI..HL.EMSC-20090703_0000101.h5	100	5.2	128.3
EMSC-20090704_0000072	CU.BCIP..HL.EMSC-20090704_0000072.h5	100	6.1	106.6
EMSC-20090705_0000060	CU.TGUH..HL.EMSC-20090705_0000060.h5	100	5	188.1
EMSC-20090706_0000037	CU.BCIP..HL.EMSC-20090706_0000037.h5	100	5.3	104.9
EMSC-20090710_0000049	GE.LUWI..HL.EMSC-20090710_0000049.h5	100	5.3	154.4
EMSC-20090715_0000075	CX.HMBCX..HL.EMSC-20090715_0000075.h5	100	5.3	100.7
EMSC-20090715_0000075	CX.MNMCX..HL.EMSC-20090715_0000075.h5	100	5.3	152.3
EMSC-20090715_0000075	CX.PSGCX..HL.EMSC-20090715_0000075.h5	100	5.3	150.6
EMSC-20090717_0000066	GE.TNTI..HL.EMSC-20090717_0000066.h5	100	5.4	171.6

EMSC-20090720_0000055	GE.TNTI..HL.EMSC-20090720_0000055.h5	100	5.5	175.6
EMSC-20090724_0000055	EU.VRI.00.HN.EMSC-20090724_0000055.h5	100	4.5	13.8
EMSC-20090724_0000055	RO.IAS..HN.EMSC-20090724_0000055.h5	100	4.5	173.8
EMSC-20090724_0000055	RO.MLR..HN.EMSC-20090724_0000055.h5	100	4.5	60.8
EMSC-20090725_0000048	EU.VRI.00.HN.EMSC-20090725_0000048.h5	100	4.1	52.2
EMSC-20090726_0000141	GE.MNAI..HL.EMSC-20090726_0000141.h5	100	5.7	50.3
EMSC-20090728_0000045	GE.MNAI..HL.EMSC-20090728_0000045.h5	100	5.6	187.2
EMSC-20090728_0000069	MN.PDG..HL.EMSC-20090728_0000069.h5	100	4.2	120.5
EMSC-20090729_0000049	GE.MNAI..HL.EMSC-20090729_0000049.h5	100	5.2	199
EMSC-20090731_0000087	GE.CISI..HL.EMSC-20090731_0000087.h5	100	5.4	171.1
EMSC-20090801_0000073	GE.MMRI..HL.EMSC-20090801_0000073.h5	100	5.3	120.6
EMSC-20090801_0000073	GE.SOEI..HL.EMSC-20090801_0000073.h5	100	5.3	134.5
EMSC-20090805_0000072	GE.TIRR..HN.EMSC-20090805_0000072.h5	100	4.9	118.2
EMSC-20090815_0000056	GE.LHMI..HL.EMSC-20090815_0000056.h5	100	5	77.9
EMSC-20090815_0000074	GE.LUWI..HL.EMSC-20090815_0000074.h5	100	5.3	144.9
EMSC-20090817_0000044	GE.MNAI..HL.EMSC-20090817_0000044.h5	100	5.3	127.3
EMSC-20090817_0000069	RO.MLR..HN.EMSC-20090817_0000069.h5	100	4.1	58.1
EMSC-20090817_0000069	RO.PLOR1..HN.EMSC-20090817_0000069.h5	100	4.1	11.1
EMSC-20090818_0000055	GE.TNTI..HL.EMSC-20090818_0000055.h5	100	5.3	119
EMSC-20090820_0000044	GE.TNTI..HL.EMSC-20090820_0000044.h5	100	5	178.5
EMSC-20090821_0000059	MN.PDG..HL.EMSC-20090821_0000059.h5	100	5	65
EMSC-20090822_0000113	GE.DAMY..HL.EMSC-20090822_0000113.h5	100	4	73.7
EMSC-20090823_0000083	GE.TNTI..HL.EMSC-20090823_0000083.h5	100	5.5	191.9
EMSC-20090825_0000055	GE.CSS..HL.EMSC-20090825_0000055.h5	100	4.6	45.3
EMSC-20090825_0000087	CX.HMBCX..HL.EMSC-20090825_0000087.h5	100	5.1	147.9
EMSC-20090826_0000117	GE.LUWI..HL.EMSC-20090826_0000117.h5	100	5.2	154.1
EMSC-20090830_0000095	GE.TNTI..HL.EMSC-20090830_0000095.h5	100	5.1	193.8
EMSC-20090902_0000094	GE.CISI..HL.EMSC-20090902_0000094.h5	100	7	62.4
EMSC-20090902_0000095	GE.CISI..HL.EMSC-20090902_0000095.h5	100	5.3	46.6
EMSC-20090902_0000104	GE.CISI..HL.EMSC-20090902_0000104.h5	100	4.9	74.6
EMSC-20090902_0000262	RO.MLR..HN.EMSC-20090902_0000262.h5	100	4.2	49.2
EMSC-20090906_0000102	MN.PDG..HL.EMSC-20090906_0000102.h5	100	5.5	139.9
EMSC-20090906_0000250	MN.PDG..HL.EMSC-20090906_0000250.h5	100	4.1	145.7
EMSC-20090908_0000165	GE.TOLI..HL.EMSC-20090908_0000165.h5	100	5.8	11.4
EMSC-20090908_0000288	MN.BLY..HL.EMSC-20090908_0000288.h5	100	4	177.6
EMSC-20090908_0000288	MN.PDG..HL.EMSC-20090908_0000288.h5	100	4	138.4
EMSC-20090909_0000078	GE.MNAI..HL.EMSC-20090909_0000078.h5	100	5	140.2
EMSC-20090912_0000086	MN.PDG..HL.EMSC-20090912_0000086.h5	100	4.4	148.4
EMSC-20090912_0000151	MN.PDG..HL.EMSC-20090912_0000151.h5	100	4.3	148.4
EMSC-20090912_0000191	MN.PDG..HL.EMSC-20090912_0000191.h5	100	4.2	147.3
EMSC-20090915_0000081	MN.PDG..HL.EMSC-20090915_0000081.h5	100	4.3	143.3
EMSC-20090916_0000080	GE.MNAI..HL.EMSC-20090916_0000080.h5	100	5	35.5
EMSC-20090916_0000122	GE.CSS..HL.EMSC-20090916_0000122.h5	100	4.6	32.6

EMSC-20090917_0000037	GE.TNTI..HL.EMSC-20090917_0000037.h5	100	5.1	134
EMSC-20090918_0000059	GE.TNTI..HL.EMSC-20090918_0000059.h5	100	5.8	110.5
EMSC-20090919_0000013	GE.BKNI..HL.EMSC-20090919_0000013.h5	100	5.1	121.6
EMSC-20090930_0000037	GE.BKNI..HL.EMSC-20090930_0000037.h5	100	7.6	174.4
EMSC-20091002_0000045	GE.LUWI..HL.EMSC-20091002_0000045.h5	100	5.2	118.4
EMSC-20091015_0000051	EU.VRI.00.HN.EMSC-20091015_0000051.h5	100	3.5	29.6
EMSC-20091015_0000051	RO.IAS..HN.EMSC-20091015_0000051.h5	100	3.5	189.7
EMSC-20091015_0000051	RO.MLR..HN.EMSC-20091015_0000051.h5	100	3.5	47.5
EMSC-20091015_0000051	RO.PLOR1..HN.EMSC-20091015_0000051.h5	100	3.5	25.2
EMSC-20091015_0000051	RO.PLOR4..HN.EMSC-20091015_0000051.h5	100	3.5	25.2
EMSC-20091015_0000051	RO.GHRR..HN.EMSC-20091015_0000051.h5	100	3.5	83.4
EMSC-20091015_0000051	RO.PETR..HN.EMSC-20091015_0000051.h5	100	3.5	56.6
EMSC-20091024_0000022	GE.BNDI..HL.EMSC-20091024_0000022.h5	100	6.9	185.9
EMSC-20091025_0000001	GE.SAUI..HL.EMSC-20091025_0000001.h5	100	5	133.3
EMSC-20091029_0000006	GE.TNTI..HL.EMSC-20091029_0000006.h5	100	5.2	140.9
EMSC-20091031_0000002	GE.TOLI..HL.EMSC-20091031_0000002.h5	100	5.2	5
EMSC-20091031_0000027	GE.MNAI..HL.EMSC-20091031_0000027.h5	100	5	71.1
EMSC-20091107_0000005	GE.CSS..HL.EMSC-20091107_0000005.h5	100	4.5	184.8
EMSC-20091112_0000027	GE.MNAI..HL.EMSC-20091112_0000027.h5	100	5.4	44.9
EMSC-20091113_0000003	CX.HMBCX..HL.EMSC-20091113_0000003.h5	100	6.5	107.9
EMSC-20091113_0000003	CX.MNMCX..HL.EMSC-20091113_0000003.h5	100	6.5	81.6
EMSC-20091113_0000003	CX.PSGCX..HL.EMSC-20091113_0000003.h5	100	6.5	30.6
EMSC-20091118_0000007	MN.PDG..HL.EMSC-20091118_0000007.h5	100	4.3	129.7
EMSC-20091201_0000021	GE.KARP..HN.EMSC-20091201_0000021.h5	100	4.4	79.1
EMSC-20091201_0000021	HL.KARP..HN.EMSC-20091201_0000021.h5	100	4.4	79.1
EMSC-20091206_0000036	EU.VRI.00.HN.EMSC-20091206_0000036.h5	100	4.1	52.3
EMSC-20091206_0000036	GE.TIRR..HN.EMSC-20091206_0000036.h5	100	4.1	154.4
EMSC-20091206_0000036	RO.ARR..HN.EMSC-20091206_0000036.h5	100	4.1	188.9
EMSC-20091206_0000036	RO.BUC1.00.HN.EMSC-20091206_0000036.h5	100	4.1	146.4
EMSC-20091206_0000036	RO.CNCR..HN.EMSC-20091206_0000036.h5	100	4.1	127.7
EMSC-20091206_0000036	RO.GHRR..HN.EMSC-20091206_0000036.h5	100	4.1	73.5
EMSC-20091206_0000036	RO.HUMR..HN.EMSC-20091206_0000036.h5	100	4.1	192.3
EMSC-20091206_0000036	RO.IAS..HN.EMSC-20091206_0000036.h5	100	4.1	197.6
EMSC-20091206_0000036	RO.MLR..HN.EMSC-20091206_0000036.h5	100	4.1	86
EMSC-20091206_0000036	RO.PETR..HN.EMSC-20091206_0000036.h5	100	4.1	33.6
EMSC-20091206_0000036	RO.PLOR..HN.EMSC-20091206_0000036.h5	100	4.1	54.1
EMSC-20091206_0000036	RO.PLOR1..HN.EMSC-20091206_0000036.h5	100	4.1	54.3
EMSC-20091206_0000036	RO.PLOR4..HN.EMSC-20091206_0000036.h5	100	4.1	54.1
EMSC-20091206_0000036	RO.SULR..HN.EMSC-20091206_0000036.h5	100	4.1	106.1
EMSC-20091206_0000036	RO.TESR..HN.EMSC-20091206_0000036.h5	100	4.1	121.9
EMSC-20091206_0000036	RO.TLB..HN.EMSC-20091206_0000036.h5	100	4.1	124.2
EMSC-20091206_0000036	RO.VOIR..HN.EMSC-20091206_0000036.h5	100	4.1	156
EMSC-20091219_0000030	IU.TATO.20.HN.EMSC-20091219_0000030.h5	100	6.4	130.9

EMSC-20091221_0000031	RM.SZP..HN.EMSC-20091221_0000031.h5	100	5.3	113.4
EMSC-20091222_0000010	GE.CSS..HL.EMSC-20091222_0000010.h5	100	5.3	184.6
EMSC-20091222_0000010	TK.0704.00.HN.EMSC-20091222_0000010.h5	100	5.3	87.3
EMSC-20091223_0000042	GE.SAUI..HL.EMSC-20091223_0000042.h5	100	5	148.8
EMSC-20091223_0000052	GE.SAUI..HL.EMSC-20091223_0000052.h5	100	5.2	187.1
EMSC-20091226_0000040	EU.VRI.00.HN.EMSC-20091226_0000040.h5	100	4.4	9.3
EMSC-20091226_0000040	GE.TIRR..HN.EMSC-20091226_0000040.h5	100	4.4	199.8
EMSC-20091226_0000040	RO.ARR..HN.EMSC-20091226_0000040.h5	100	4.4	167.8
EMSC-20091226_0000040	RO.BUC1.00.HN.EMSC-20091226_0000040.h5	100	4.4	168.2
EMSC-20091226_0000040	RO.CNCR..HN.EMSC-20091226_0000040.h5	100	4.4	152.9
EMSC-20091226_0000040	RO.GHRR..HN.EMSC-20091226_0000040.h5	100	4.4	63
EMSC-20091226_0000040	RO.HUMR..HN.EMSC-20091226_0000040.h5	100	4.4	194.3
EMSC-20091226_0000040	RO.IAS..HN.EMSC-20091226_0000040.h5	100	4.4	169.7
EMSC-20091226_0000040	RO.MLR..HN.EMSC-20091226_0000040.h5	100	4.4	67.2
EMSC-20091226_0000040	RO.PETR..HN.EMSC-20091226_0000040.h5	100	4.4	42
EMSC-20091226_0000040	RO.PLOR..HN.EMSC-20091226_0000040.h5	100	4.4	8.3
EMSC-20091226_0000040	RO.PLOR1..HN.EMSC-20091226_0000040.h5	100	4.4	8.5
EMSC-20091226_0000040	RO.PLOR4..HN.EMSC-20091226_0000040.h5	100	4.4	8.3
EMSC-20091226_0000040	RO.SULR..HN.EMSC-20091226_0000040.h5	100	4.4	127.9
EMSC-20091226_0000040	RO.TESR..HN.EMSC-20091226_0000040.h5	100	4.4	80.9
EMSC-20091226_0000040	RO.VOIR..HN.EMSC-20091226_0000040.h5	100	4.4	134.3
EMSC-20091230_0000007	RO.GHRR..HN.EMSC-20091230_0000007.h5	100	4.1	63.1
EMSC-20091230_0000007	RO.MLR..HN.EMSC-20091230_0000007.h5	100	4.1	67.1
EMSC-20091230_0000007	RO.PLOR..HN.EMSC-20091230_0000007.h5	100	4.1	9
EMSC-20091230_0000007	RO.PLOR1..HN.EMSC-20091230_0000007.h5	100	4.1	9.2
EMSC-20091230_0000007	RO.PLOR4..HN.EMSC-20091230_0000007.h5	100	4.1	9
EMSC-20091230_0000032	CI.DRE..HN.EMSC-20091230_0000032.h5	100	5.8	44.9
EMSC-20100101_0000004	HL.IACM..HN.EMSC-20100101_0000004.h5	100	4.1	121.2
EMSC-20100104_0000052	EU.VRI.00.HN.EMSC-20100104_0000052.h5	100	4	41.9
EMSC-20100105_0000004	GE.KARP..HN.EMSC-20100105_0000004.h5	100	4.5	170.8
EMSC-20100105_0000004	HL.IACM..HN.EMSC-20100105_0000004.h5	100	4.5	98.2
EMSC-20100105_0000004	HL.KARP..HN.EMSC-20100105_0000004.h5	100	4.5	170.8
EMSC-20100110_0000001	NC.KBO..HN.EMSC-20100110_0000001.h5	100	6.5	177.6
EMSC-20100110_0000001	NC.KCPB..HN.EMSC-20100110_0000001.h5	100	6.5	143
EMSC-20100110_0000001	NC.KCT..HN.EMSC-20100110_0000001.h5	100	6.5	35.9
EMSC-20100110_0000001	NC.KHBB..HN.EMSC-20100110_0000001.h5	100	6.5	124.6
EMSC-20100110_0000001	NC.KHMB..HN.EMSC-20100110_0000001.h5	100	6.5	84.7
EMSC-20100110_0000001	NC.KMPB..HN.EMSC-20100110_0000001.h5	100	6.5	55
EMSC-20100110_0000001	NC.KRMB..HN.EMSC-20100110_0000001.h5	100	6.5	117
EMSC-20100110_0000001	NC.KRP..HN.EMSC-20100110_0000001.h5	100	6.5	79.6
EMSC-20100110_0000001	NC.KSXB..HN.EMSC-20100110_0000001.h5	100	6.5	147.7
EMSC-20100112_0000052	CU.SDDR..HL.EMSC-20100112_0000052.h5	100	7	147.9
EMSC-20100112_0000056	CU.SDDR..HL.EMSC-20100112_0000056.h5	100	6	171

EMSC-20100113_0000009	CU.SDDR..HL.EMSC-20100113_0000009.h5	100	5.6	174.4
EMSC-20100117_0000014	GE.DAMY..HL.EMSC-20100117_0000014.h5	100	4.3	6.4
EMSC-20100120_0000036	CU.SDDR..HL.EMSC-20100120_0000036.h5	100	5.9	173.4
EMSC-20100123_0000007	GE.KARP..HN.EMSC-20100123_0000007.h5	100	4.2	69.5
EMSC-20100204_0000032	NC.KCT..HN.EMSC-20100204_0000032.h5	100	5.9	53.4
EMSC-20100204_0000035	GE.CSS..HL.EMSC-20100204_0000035.h5	100	4	178.7
EMSC-20100211_0000007	MN.PDG..HL.EMSC-20100211_0000007.h5	100	4.8	32.4
EMSC-20100211_0000053	HL.IACM..HN.EMSC-20100211_0000053.h5	100	5.5	138.6
EMSC-20100212_0000035	HL.IACM..HN.EMSC-20100212_0000035.h5	100	4	108.3
EMSC-20100225_0000020	IU.ADK.20.HN.EMSC-20100225_0000020.h5	100	4.9	52.9
EMSC-20100225_0000037	RO.IAS..HN.EMSC-20100225_0000037.h5	100	3.9	193.7
EMSC-20100225_0000037	RO.ISR.00.HN.EMSC-20100225_0000037.h5	100	3.9	52.6
EMSC-20100225_0000037	RO.MLR..HN.EMSC-20100225_0000037.h5	100	3.9	49.3
EMSC-20100225_0000037	RO.PLOR..HN.EMSC-20100225_0000037.h5	100	3.9	29.7
EMSC-20100225_0000037	RO.PLOR1..HN.EMSC-20100225_0000037.h5	100	3.9	29.7
EMSC-20100225_0000037	RO.PLOR4..HN.EMSC-20100225_0000037.h5	100	3.9	29.7
EMSC-20100225_0000037	RO.SULR..HN.EMSC-20100225_0000037.h5	100	3.9	104.4
EMSC-20100225_0000037	RO.TESR..HN.EMSC-20100225_0000037.h5	100	3.9	102.5
EMSC-20100227_0000069	C.STL..HN.EMSC-20100227_0000069.h5	100	5.5	123.8
EMSC-20100228_0000006	C.STL..HN.EMSC-20100228_0000006.h5	100	5.9	145.3
EMSC-20100228_0000058	C.STL..HN.EMSC-20100228_0000058.h5	100	6.2	185.4
EMSC-20100228_0000084	EU.VRI.00.HN.EMSC-20100228_0000084.h5	100	4.2	18.2
EMSC-20100228_0000084	RO.MLR..HN.EMSC-20100228_0000084.h5	100	4.2	57.1
EMSC-20100304_0000056	IU.LVC.20.HN.EMSC-20100304_0000056.h5	100	6.3	73.7
EMSC-20100311_0000051	C.LACH..HN.EMSC-20100311_0000051.h5	100	6.9	156.5
EMSC-20100311_0000051	C.STL..HN.EMSC-20100311_0000051.h5	100	6.9	149.1
EMSC-20100311_0000051	XS.QF04.00.HN.EMSC-20100311_0000051.h5	100	6.9	169.9
EMSC-20100311_0000051	XS.QF24B.00.HN.EMSC-20100311_0000051.h5	100	6.9	142
EMSC-20100311_0000053	C.LACH..HN.EMSC-20100311_0000053.h5	100	7	152.2
EMSC-20100311_0000053	C.STL..HN.EMSC-20100311_0000053.h5	100	7	145.2
EMSC-20100311_0000053	XS.QF04.00.HN.EMSC-20100311_0000053.h5	100	7	167.5
EMSC-20100311_0000053	XS.QF06.00.HN.EMSC-20100311_0000053.h5	100	7	119
EMSC-20100311_0000053	XS.QF24B.00.HN.EMSC-20100311_0000053.h5	100	7	144.8
EMSC-20100311_0000055	C.STL..HN.EMSC-20100311_0000055.h5	100	6	169.9
EMSC-20100311_0000055	XS.QF04.00.HN.EMSC-20100311_0000055.h5	100	6	191.8
EMSC-20100311_0000055	XS.QF06.00.HN.EMSC-20100311_0000055.h5	100	6	140.7
EMSC-20100311_0000055	XS.QF24B.00.HN.EMSC-20100311_0000055.h5	100	6	163.6
EMSC-20100311_0000067	XS.QF04.00.HN.EMSC-20100311_0000067.h5	100	5.6	182.8
EMSC-20100311_0000067	XS.QF06.00.HN.EMSC-20100311_0000067.h5	100	5.6	130.8
EMSC-20100311_0000067	XS.QF23.00.HN.EMSC-20100311_0000067.h5	100	5.6	91.5
EMSC-20100311_0000067	XS.QF24B.00.HN.EMSC-20100311_0000067.h5	100	5.6	153.5
EMSC-20100311_0000072	XS.QF22.00.HN.EMSC-20100311_0000072.h5	100	5.3	6.1
EMSC-20100312_0000003	HL.IACM..HN.EMSC-20100312_0000003.h5	100	4.3	190.1

EMSC-20100312_0000039	GE.KARP..HN.EMSC-20100312_0000039.h5	100	4	28.7
EMSC-20100312_0000039	HL.KARP..HN.EMSC-20100312_0000039.h5	100	4	28.7
EMSC-20100312_0000045	XS.QF02B.00.HN.EMSC-20100312_0000045.h5	100	5	9.9
EMSC-20100312_0000046	XS.QF02B.00.HN.EMSC-20100312_0000046.h5	100	5.8	20.8
EMSC-20100312_0000046	XS.QF04.00.HN.EMSC-20100312_0000046.h5	100	5.8	166.9
EMSC-20100312_0000046	XS.QF06.00.HN.EMSC-20100312_0000046.h5	100	5.8	113.5
EMSC-20100312_0000046	XS.QF23.00.HN.EMSC-20100312_0000046.h5	100	5.8	108
EMSC-20100312_0000046	XS.QF24B.00.HN.EMSC-20100312_0000046.h5	100	5.8	136.2
EMSC-20100313_0000012	XS.QF19.00.HN.EMSC-20100313_0000012.h5	100	5.3	74.3
EMSC-20100313_0000012	XS.QF22.00.HN.EMSC-20100313_0000012.h5	100	5.3	107.5
EMSC-20100313_0000022	XS.QF02B.00.HN.EMSC-20100313_0000022.h5	100	5.1	7.9
EMSC-20100313_0000031	XS.QF19.00.HN.EMSC-20100313_0000031.h5	100	5.8	27.7
EMSC-20100313_0000031	XS.QF22.00.HN.EMSC-20100313_0000031.h5	100	5.8	18.3
EMSC-20100313_0000042	EU.VRI.00.HN.EMSC-20100313_0000042.h5	100	3.7	29.4
EMSC-20100313_0000042	RO.CFR.00.HN.EMSC-20100313_0000042.h5	100	3.7	143.6
EMSC-20100313_0000042	RO.HUMR..HN.EMSC-20100313_0000042.h5	100	3.7	173
EMSC-20100313_0000042	RO.PLOR..HN.EMSC-20100313_0000042.h5	100	3.7	24
EMSC-20100313_0000042	RO.PLOR1..HN.EMSC-20100313_0000042.h5	100	3.7	24
EMSC-20100313_0000042	RO.PLOR4..HN.EMSC-20100313_0000042.h5	100	3.7	24
EMSC-20100313_0000042	RO.SULR..HN.EMSC-20100313_0000042.h5	100	3.7	113.2
EMSC-20100313_0000042	RO.TESR..HN.EMSC-20100313_0000042.h5	100	3.7	93
EMSC-20100313_0000042	RO.VOIR..HN.EMSC-20100313_0000042.h5	100	3.7	112.7
EMSC-20100314_0000025	XS.QF02B.00.HN.EMSC-20100314_0000025.h5	100	5.2	30
EMSC-20100314_0000042	XS.QF19.00.HN.EMSC-20100314_0000042.h5	100	5.5	133.9
EMSC-20100314_0000042	XS.QF22.00.HN.EMSC-20100314_0000042.h5	100	5.5	94.2
EMSC-20100314_0000057	XS.QF19.00.HN.EMSC-20100314_0000057.h5	100	5.6	134.9
EMSC-20100314_0000057	XS.QF22.00.HN.EMSC-20100314_0000057.h5	100	5.6	97.2
EMSC-20100315_0000001	XS.QF02B.00.HN.EMSC-20100315_0000001.h5	100	5.1	3.4
EMSC-20100315_0000018	XS.QF02B.00.HN.EMSC-20100315_0000018.h5	100	6.2	187
EMSC-20100315_0000018	XS.QF19.00.HN.EMSC-20100315_0000018.h5	100	6.2	169.3
EMSC-20100315_0000018	XS.QF23.00.HN.EMSC-20100315_0000018.h5	100	6.2	126.7
EMSC-20100316_0000004	XS.QF19.00.HN.EMSC-20100316_0000004.h5	100	6.7	122.7
EMSC-20100316_0000004	XS.QF22.00.HN.EMSC-20100316_0000004.h5	100	6.7	162.8
EMSC-20100316_0000004	XS.QF23.00.HN.EMSC-20100316_0000004.h5	100	6.7	162
EMSC-20100316_0000008	XS.QF19.00.HN.EMSC-20100316_0000008.h5	100	5.9	104.4
EMSC-20100316_0000008	XS.QF22.00.HN.EMSC-20100316_0000008.h5	100	5.9	147
EMSC-20100316_0000008	XS.QF23.00.HN.EMSC-20100316_0000008.h5	100	5.9	166.5
EMSC-20100318_0000002	XS.QF21.00.HN.EMSC-20100318_0000002.h5	100	5.2	37.9
EMSC-20100318_0000002	XS.QF25.00.HN.EMSC-20100318_0000002.h5	100	5.2	45.1
EMSC-20100318_0000004	XS.QF02B.00.HN.EMSC-20100318_0000004.h5	100	5.1	4.6
EMSC-20100319_0000020	XS.QF19.00.HN.EMSC-20100319_0000020.h5	100	5.5	197.7
EMSC-20100319_0000020	XS.QF20.00.HN.EMSC-20100319_0000020.h5	100	5.5	123.6
EMSC-20100319_0000020	XS.QF21.00.HN.EMSC-20100319_0000020.h5	100	5.5	136.3

EMSC-20100319_0000020	XS.QF23.00.HN.EMSC-20100319_0000020.h5	100	5.5	142
EMSC-20100319_0000020	XS.QF25.00.HN.EMSC-20100319_0000020.h5	100	5.5	138.8
EMSC-20100319_0000037	XS.QF02B.00.HN.EMSC-20100319_0000037.h5	100	5.2	4.8
EMSC-20100320_0000032	CU.GTBY.20.HN.EMSC-20100320_0000032.h5	100	5.6	36.3
EMSC-20100321_0000031	XS.QF19.00.HN.EMSC-20100321_0000031.h5	100	5.5	109.5
EMSC-20100321_0000031	XS.QF20.00.HN.EMSC-20100321_0000031.h5	100	5.5	118.2
EMSC-20100321_0000031	XS.QF21.00.HN.EMSC-20100321_0000031.h5	100	5.5	68.8
EMSC-20100321_0000031	XS.QF22.00.HN.EMSC-20100321_0000031.h5	100	5.5	151.1
EMSC-20100321_0000031	XS.QF23.00.HN.EMSC-20100321_0000031.h5	100	5.5	166.4
EMSC-20100321_0000031	XS.QF25.00.HN.EMSC-20100321_0000031.h5	100	5.5	47.8
EMSC-20100322_0000059	RM.SZP..HN.EMSC-20100322_0000059.h5	100	5.9	104
EMSC-20100326_0000049	EU.VRI.00.HN.EMSC-20100326_0000049.h5	100	4.6	24.3
EMSC-20100326_0000049	RO.PLOR..HN.EMSC-20100326_0000049.h5	100	4.6	19.8
EMSC-20100326_0000049	RO.PLOR1..HN.EMSC-20100326_0000049.h5	100	4.6	19.7
EMSC-20100326_0000049	RO.PLOR4..HN.EMSC-20100326_0000049.h5	100	4.6	19.8
EMSC-20100328_0000049	XS.QF02B.00.HN.EMSC-20100328_0000049.h5	100	6	166.1
EMSC-20100328_0000049	XS.QF20.00.HN.EMSC-20100328_0000049.h5	100	6	119.3
EMSC-20100328_0000049	XS.QF23.00.HN.EMSC-20100328_0000049.h5	100	6	130.6
EMSC-20100328_0000049	XS.QF25.00.HN.EMSC-20100328_0000049.h5	100	6	154.6
EMSC-20100329_0000014	XS.QF02B.00.HN.EMSC-20100329_0000014.h5	100	5.4	53.7
EMSC-20100329_0000014	XS.QF06.00.HN.EMSC-20100329_0000014.h5	100	5.4	181.5
EMSC-20100329_0000014	XS.QF20.00.HN.EMSC-20100329_0000014.h5	100	5.4	91.9
EMSC-20100329_0000014	XS.QF21.00.HN.EMSC-20100329_0000014.h5	100	5.4	174.4
EMSC-20100329_0000014	XS.QF23.00.HN.EMSC-20100329_0000014.h5	100	5.4	36.1
EMSC-20100402_0000051	XS.QF19.00.HN.EMSC-20100402_0000051.h5	100	6	128.3
EMSC-20100402_0000051	XS.QF20.00.HN.EMSC-20100402_0000051.h5	100	6	90.1
EMSC-20100402_0000051	XS.QF21.00.HN.EMSC-20100402_0000051.h5	100	6	47.2
EMSC-20100402_0000051	XS.QF22.00.HN.EMSC-20100402_0000051.h5	100	6	171.8
EMSC-20100402_0000051	XS.QF23.00.HN.EMSC-20100402_0000051.h5	100	6	140.2
EMSC-20100402_0000051	XS.QF25.00.HN.EMSC-20100402_0000051.h5	100	6	67.5
EMSC-20100402_0000051	XS.QF26.00.HN.EMSC-20100402_0000051.h5	100	6	197.3
EMSC-20100404_0000058	AZ.BZN..HN.EMSC-20100404_0000058.h5	100	7.2	185.3
EMSC-20100404_0000058	AZ.CPE..HN.EMSC-20100404_0000058.h5	100	7.2	182.6
EMSC-20100404_0000058	AZ.CRY..HN.EMSC-20100404_0000058.h5	100	7.2	195.7
EMSC-20100404_0000058	AZ.FRD..HN.EMSC-20100404_0000058.h5	100	7.2	181.4
EMSC-20100404_0000058	AZ.HWB..HN.EMSC-20100404_0000058.h5	100	7.2	176.4
EMSC-20100404_0000058	AZ.LVA2..HN.EMSC-20100404_0000058.h5	100	7.2	167.4
EMSC-20100404_0000058	AZ.MTRP..HN.EMSC-20100404_0000058.h5	100	7.2	175.7
EMSC-20100404_0000058	AZ.SND..HN.EMSC-20100404_0000058.h5	100	7.2	186.8
EMSC-20100404_0000058	AZ.TRO..HN.EMSC-20100404_0000058.h5	100	7.2	173.2
EMSC-20100404_0000058	AZ.WMC..HN.EMSC-20100404_0000058.h5	100	7.2	192.4
EMSC-20100404_0000058	CI.BAR..HN.EMSC-20100404_0000058.h5	100	7.2	136.6
EMSC-20100404_0000058	CI.DPP..HN.EMSC-20100404_0000058.h5	100	7.2	173.5

EMSC-20100404_0000058	CI.DRE..HN.EMSC-20100404_0000058.h5	100	7.2	59.3
EMSC-20100404_0000058	CI.PLM..HN.EMSC-20100404_0000058.h5	100	7.2	188.6
EMSC-20100405_0000075	CX.HMBCX..HL.EMSC-20100405_0000075.h5	100	5.8	118.8
EMSC-20100405_0000075	CX.MNMCX..HL.EMSC-20100405_0000075.h5	100	5.8	113
EMSC-20100405_0000075	CX.PATCX..HL.EMSC-20100405_0000075.h5	100	5.8	173.3
EMSC-20100405_0000075	CX.PSGCX..HL.EMSC-20100405_0000075.h5	100	5.8	137.4
EMSC-20100414_0000037	EU.VRI.00.HN.EMSC-20100414_0000037.h5	100	4.1	44.4
EMSC-20100414_0000037	RO.HUMR..HN.EMSC-20100414_0000037.h5	100	4.1	158
EMSC-20100414_0000037	RO.PLOR1..HN.EMSC-20100414_0000037.h5	100	4.1	39
EMSC-20100416_0000055	XS.QF22.00.HN.EMSC-20100416_0000055.h5	100	5	17.5
EMSC-20100416_0000057	XS.QF19.00.HN.EMSC-20100416_0000057.h5	100	5.7	37.4
EMSC-20100416_0000057	XS.QF22.00.HN.EMSC-20100416_0000057.h5	100	5.7	23.4
EMSC-20100416_0000059	XS.QF19.00.HN.EMSC-20100416_0000059.h5	100	5.7	30.6
EMSC-20100416_0000059	XS.QF21.00.HN.EMSC-20100416_0000059.h5	100	5.7	159.5
EMSC-20100416_0000059	XS.QF22.00.HN.EMSC-20100416_0000059.h5	100	5.7	26.2
EMSC-20100418_0000003	XS.QF19.00.HN.EMSC-20100418_0000003.h5	100	5.6	40.2
EMSC-20100418_0000003	XS.QF21.00.HN.EMSC-20100418_0000003.h5	100	5.6	146.8
EMSC-20100418_0000003	XS.QF22.00.HN.EMSC-20100418_0000003.h5	100	5.6	56
EMSC-20100419_0000012	XS.QF22.00.HN.EMSC-20100419_0000012.h5	100	5.2	15.6
EMSC-20100423_0000008	IU.GUMO.20.HN.EMSC-20100423_0000008.h5	100	5.3	21.1
EMSC-20100423_0000021	XS.QF19.00.HN.EMSC-20100423_0000021.h5	100	6	40.8
EMSC-20100423_0000021	XS.QF21.00.HN.EMSC-20100423_0000021.h5	100	6	134.5
EMSC-20100423_0000021	XS.QF22.00.HN.EMSC-20100423_0000021.h5	100	6	59.8
EMSC-20100423_0000021	XS.QF25.00.HN.EMSC-20100423_0000021.h5	100	6	86.6
EMSC-20100423_0000021	XS.QF26.00.HN.EMSC-20100423_0000021.h5	100	6	55.6
EMSC-20100424_0000037	GE.KARP..HN.EMSC-20100424_0000037.h5	100	5.4	176.7
EMSC-20100424_0000037	HL.IACM..HN.EMSC-20100424_0000037.h5	100	5.4	152.6
EMSC-20100424_0000037	HL.KARP..HN.EMSC-20100424_0000037.h5	100	5.4	176.7
EMSC-20100425_0000028	XS.QF26.00.HN.EMSC-20100425_0000028.h5	100	5	59.8
EMSC-20100429_0000025	XS.QF25.00.HN.EMSC-20100429_0000025.h5	100	5	9.3
EMSC-20100502_0000035	XS.QF02B.00.HN.EMSC-20100502_0000035.h5	100	5.9	23.2
EMSC-20100502_0000035	XS.QF03.00.HN.EMSC-20100502_0000035.h5	100	5.9	187.1
EMSC-20100502_0000035	XS.QF04.00.HN.EMSC-20100502_0000035.h5	100	5.9	164
EMSC-20100502_0000035	XS.QF06.00.HN.EMSC-20100502_0000035.h5	100	5.9	111.4
EMSC-20100502_0000035	XS.QF20.00.HN.EMSC-20100502_0000035.h5	100	5.9	164.3
EMSC-20100502_0000035	XS.QF23.00.HN.EMSC-20100502_0000035.h5	100	5.9	108.7
EMSC-20100502_0000035	XS.QF24B.00.HN.EMSC-20100502_0000035.h5	100	5.9	135
EMSC-20100503_0000040	XS.QF19.00.HN.EMSC-20100503_0000040.h5	100	6.3	84
EMSC-20100503_0000040	XS.QF22.00.HN.EMSC-20100503_0000040.h5	100	6.3	48.9
EMSC-20100503_0000040	XS.QF25.00.HN.EMSC-20100503_0000040.h5	100	6.3	145.8
EMSC-20100503_0000040	XS.QF26.00.HN.EMSC-20100503_0000040.h5	100	6.3	21.2
EMSC-20100505_0000033	XS.QF02B.00.HN.EMSC-20100505_0000033.h5	100	5.4	153.6
EMSC-20100505_0000033	XS.QF20.00.HN.EMSC-20100505_0000033.h5	100	5.4	75.3

EMSC-20100506_0000007	CX.MNMCX..HL.EMSC-20100506_0000007.h5	100	6.2	155.5
EMSC-20100506_0000007	CX.PSGCX..HL.EMSC-20100506_0000007.h5	100	6.2	176.1
EMSC-20100506_0000010	RO.HUMR..HN.EMSC-20100506_0000010.h5	100	4.2	165.3
EMSC-20100506_0000010	RO.MLR..HN.EMSC-20100506_0000010.h5	100	4.2	43.5
EMSC-20100506_0000010	RO.PLOR..HN.EMSC-20100506_0000010.h5	100	4.2	34.7
EMSC-20100506_0000010	RO.PLOR1..HN.EMSC-20100506_0000010.h5	100	4.2	34.7
EMSC-20100506_0000010	RO.PLOR4..HN.EMSC-20100506_0000010.h5	100	4.2	34.7
EMSC-20100506_0000010	RO.SULR..HN.EMSC-20100506_0000010.h5	100	4.2	99.8
EMSC-20100507_0000024	GE.SOEI..HL.EMSC-20100507_0000024.h5	100	5	110.6
EMSC-20100507_0000052	CU.ANWB.20.HN.EMSC-20100507_0000052.h5	100	5.2	150.9
EMSC-20100516_0000013	IU.SJG.20.HN.EMSC-20100516_0000013.h5	100	5.8	102.5
EMSC-20100524_0000016	RO.PLOR4..HN.EMSC-20100524_0000016.h5	100	4.3	28.7
EMSC-20100525_0000031	XS.QF26.00.HN.EMSC-20100525_0000031.h5	100	5.3	53
EMSC-20100601_0000034	XS.QF25.00.HN.EMSC-20100601_0000034.h5	100	5.6	26.8
EMSC-20100606_0000027	HL.IACM..HN.EMSC-20100606_0000027.h5	100	4.5	34.6
EMSC-20100608_0000054	EU.VRI.00.HN.EMSC-20100608_0000054.h5	100	4.4	38.2
EMSC-20100608_0000054	RO.ARR..HN.EMSC-20100608_0000054.h5	100	4.4	139.7
EMSC-20100608_0000054	RO.BUC1.00.HN.EMSC-20100608_0000054.h5	100	4.4	144.2
EMSC-20100608_0000054	RO.CFR.00.HN.EMSC-20100608_0000054.h5	100	4.4	145.9
EMSC-20100608_0000054	RO.CIOR.00.HN.EMSC-20100608_0000054.h5	100	4.4	136.2
EMSC-20100608_0000054	RO.CNCR..HN.EMSC-20100608_0000054.h5	100	4.4	131.2
EMSC-20100608_0000054	RO.HUMR..HN.EMSC-20100608_0000054.h5	100	4.4	164.2
EMSC-20100608_0000054	RO.IAS..HN.EMSC-20100608_0000054.h5	100	4.4	196.5
EMSC-20100608_0000054	RO.ISR.00.HN.EMSC-20100608_0000054.h5	100	4.4	57.2
EMSC-20100608_0000054	RO.MLR..HN.EMSC-20100608_0000054.h5	100	4.4	37.1
EMSC-20100608_0000054	RO.PETR..HN.EMSC-20100608_0000054.h5	100	4.4	67.1
EMSC-20100608_0000054	RO.PLOR..HN.EMSC-20100608_0000054.h5	100	4.4	33
EMSC-20100608_0000054	RO.PLOR1..HN.EMSC-20100608_0000054.h5	100	4.4	32.9
EMSC-20100608_0000054	RO.PLOR4..HN.EMSC-20100608_0000054.h5	100	4.4	33
EMSC-20100608_0000054	RO.SULR..HN.EMSC-20100608_0000054.h5	100	4.4	105.4
EMSC-20100608_0000054	RO.TESR..HN.EMSC-20100608_0000054.h5	100	4.4	101.1
EMSC-20100608_0000054	RO.TLB..HN.EMSC-20100608_0000054.h5	100	4.4	174
EMSC-20100608_0000054	RO.VOIR..HN.EMSC-20100608_0000054.h5	100	4.4	106.1
EMSC-20100609_0000003	EU.VRI.00.HN.EMSC-20100609_0000003.h5	100	4.3	40.5
EMSC-20100609_0000003	RO.CFR.00.HN.EMSC-20100609_0000003.h5	100	4.3	145.4
EMSC-20100609_0000003	RO.HUMR..HN.EMSC-20100609_0000003.h5	100	4.3	161.9
EMSC-20100609_0000003	RO.MLR..HN.EMSC-20100609_0000003.h5	100	4.3	35.7
EMSC-20100609_0000003	RO.PLOR1..HN.EMSC-20100609_0000003.h5	100	4.3	35.3
EMSC-20100609_0000003	RO.SULR..HN.EMSC-20100609_0000003.h5	100	4.3	102.6
EMSC-20100609_0000003	RO.TESR..HN.EMSC-20100609_0000003.h5	100	4.3	103.8
EMSC-20100611_0000004	RM.SZP..HN.EMSC-20100611_0000004.h5	100	5.1	115.2
EMSC-20100615_0000005	AZ.BZN..HN.EMSC-20100615_0000005.h5	100	5.7	112.2
EMSC-20100615_0000005	AZ.CPE..HN.EMSC-20100615_0000005.h5	100	5.7	113.7

EMSC-20100615_0000005	AZ.CRY..HN.EMSC-20100615_0000005.h5	100	5.7	122.7
EMSC-20100615_0000005	AZ.FRD..HN.EMSC-20100615_0000005.h5	100	5.7	108.8
EMSC-20100615_0000005	AZ.HWB..HN.EMSC-20100615_0000005.h5	100	5.7	104.4
EMSC-20100615_0000005	AZ.KNW..HN.EMSC-20100615_0000005.h5	100	5.7	134.5
EMSC-20100615_0000005	AZ.LVA2..HN.EMSC-20100615_0000005.h5	100	5.7	94
EMSC-20100615_0000005	AZ.MONP2..HN.EMSC-20100615_0000005.h5	100	5.7	52.2
EMSC-20100615_0000005	AZ.PFO..HN.EMSC-20100615_0000005.h5	100	5.7	112.8
EMSC-20100615_0000005	AZ.RDM..HN.EMSC-20100615_0000005.h5	100	5.7	134.7
EMSC-20100615_0000005	AZ.SMER..HN.EMSC-20100615_0000005.h5	100	5.7	144.2
EMSC-20100615_0000005	AZ.SND..HN.EMSC-20100615_0000005.h5	100	5.7	114.5
EMSC-20100615_0000005	AZ.TRO..HN.EMSC-20100615_0000005.h5	100	5.7	102.7
EMSC-20100615_0000005	AZ.WMC..HN.EMSC-20100615_0000005.h5	100	5.7	119.8
EMSC-20100620_0000045	MN.BLY..HL.EMSC-20100620_0000045.h5	100	4.1	116.3
EMSC-20100625_0000044	GE.KARP..HN.EMSC-20100625_0000044.h5	100	4.1	77.5
EMSC-20100625_0000044	HL.IACM..HN.EMSC-20100625_0000044.h5	100	4.1	114.5
EMSC-20100625_0000044	HL.KARP..HN.EMSC-20100625_0000044.h5	100	4.1	77.5
EMSC-20100625_0000052	EU.VRI.00.HN.EMSC-20100625_0000052.h5	100	4.3	25.8
EMSC-20100625_0000052	RO.HUMR..HN.EMSC-20100625_0000052.h5	100	4.3	176.6
EMSC-20100625_0000052	RO.IAS..HN.EMSC-20100625_0000052.h5	100	4.3	185
EMSC-20100625_0000052	RO.ISR.00.HN.EMSC-20100625_0000052.h5	100	4.3	64.2
EMSC-20100625_0000052	RO.MLR..HN.EMSC-20100625_0000052.h5	100	4.3	49.1
EMSC-20100625_0000052	RO.PLOR1..HN.EMSC-20100625_0000052.h5	100	4.3	20.7
EMSC-20100625_0000052	RO.SULR..HN.EMSC-20100625_0000052.h5	100	4.3	114.9
EMSC-20100625_0000052	RO.TESR..HN.EMSC-20100625_0000052.h5	100	4.3	91.4
EMSC-20100626_0000055	CX.MNMCX..HL.EMSC-20100626_0000055.h5	100	5.4	50.7
EMSC-20100626_0000059	HL.IACM..HN.EMSC-20100626_0000059.h5	100	4.2	108.6
EMSC-20100629_0000004	XS.QF19.00.HN.EMSC-20100629_0000004.h5	100	5.5	57.6
EMSC-20100629_0000004	XS.QF21.00.HN.EMSC-20100629_0000004.h5	100	5.5	176.8
EMSC-20100629_0000004	XS.QF22.00.HN.EMSC-20100629_0000004.h5	100	5.5	36.9
EMSC-20100629_0000004	XS.QF25.00.HN.EMSC-20100629_0000004.h5	100	5.5	118.1
EMSC-20100629_0000004	XS.QF26.00.HN.EMSC-20100629_0000004.h5	100	5.5	16.4
EMSC-20100701_0000032	XS.QF20.00.HN.EMSC-20100701_0000032.h5	100	5.1	21.8
EMSC-20100706_0000033	XS.QF20.00.HN.EMSC-20100706_0000033.h5	100	5	17.6
EMSC-20100707_0000048	AZ.CRY..HN.EMSC-20100707_0000048.h5	100	5.4	29.4
EMSC-20100707_0000048	AZ.TRO..HN.EMSC-20100707_0000048.h5	100	5.4	12.6
EMSC-20100709_0000044	MN.PDG..HL.EMSC-20100709_0000044.h5	100	4.8	149.5
EMSC-20100710_0000014	IU.GUMO.20.HN.EMSC-20100710_0000014.h5	100	5.6	49.2
EMSC-20100712_0000002	IU.LVC.20.HN.EMSC-20100712_0000002.h5	100	6.3	88.3
EMSC-20100712_0000036	EU.VRI.00.HN.EMSC-20100712_0000036.h5	100	3.6	26.1
EMSC-20100712_0000036	RO.CNCR..HN.EMSC-20100712_0000036.h5	100	3.6	138.6
EMSC-20100712_0000036	RO.MLR..HN.EMSC-20100712_0000036.h5	100	3.6	50
EMSC-20100712_0000036	RO.PETR..HN.EMSC-20100712_0000036.h5	100	3.6	54.9
EMSC-20100712_0000036	RO.PLOR..HN.EMSC-20100712_0000036.h5	100	3.6	21.5

EMSC-20100712_0000036	RO.PLOR1..HN.EMSC-20100712_0000036.h5	100	3.6	21.5
EMSC-20100712_0000036	RO.PLOR4..HN.EMSC-20100712_0000036.h5	100	3.6	21.5
EMSC-20100714_0000016	XS.QF19.00.HN.EMSC-20100714_0000016.h5	100	6.6	83
EMSC-20100714_0000016	XS.QF22.00.HN.EMSC-20100714_0000016.h5	100	6.6	53.7
EMSC-20100714_0000016	XS.QF25.00.HN.EMSC-20100714_0000016.h5	100	6.6	143.9
EMSC-20100714_0000016	XS.QF26.00.HN.EMSC-20100714_0000016.h5	100	6.6	11.3
EMSC-20100714_0000031	XS.QF19.00.HN.EMSC-20100714_0000031.h5	100	5.8	100.9
EMSC-20100714_0000031	XS.QF22.00.HN.EMSC-20100714_0000031.h5	100	5.8	72.3
EMSC-20100714_0000031	XS.QF25.00.HN.EMSC-20100714_0000031.h5	100	5.8	161
EMSC-20100714_0000031	XS.QF26.00.HN.EMSC-20100714_0000031.h5	100	5.8	27
EMSC-20100715_0000001	XS.QF02B.00.HN.EMSC-20100715_0000001.h5	100	5.4	38.2
EMSC-20100716_0000025	GE.KARP..HN.EMSC-20100716_0000025.h5	100	5.2	142.4
EMSC-20100721_0000045	EU.VRI.00.HN.EMSC-20100721_0000045.h5	100	3.7	47.6
EMSC-20100721_0000045	RO.CIOR.00.HN.EMSC-20100721_0000045.h5	100	3.7	125.3
EMSC-20100721_0000045	RO.GHRR..HN.EMSC-20100721_0000045.h5	100	3.7	101
EMSC-20100721_0000045	RO.HUMR..HN.EMSC-20100721_0000045.h5	100	3.7	155.1
EMSC-20100721_0000045	RO.MLR..HN.EMSC-20100721_0000045.h5	100	3.7	32.7
EMSC-20100721_0000045	RO.PLOR1..HN.EMSC-20100721_0000045.h5	100	3.7	42.8
EMSC-20100721_0000045	RO.SULR..HN.EMSC-20100721_0000045.h5	100	3.7	94.4
EMSC-20100721_0000045	RO.VOIR..HN.EMSC-20100721_0000045.h5	100	3.7	102.9
EMSC-20100727_0000029	GE.CSS..HL.EMSC-20100727_0000029.h5	100	4	29.8
EMSC-20100803_0000009	CX.PSGCX..HL.EMSC-20100803_0000009.h5	100	5.1	43.2
EMSC-20100805_0000025	XS.QF19.00.HN.EMSC-20100805_0000025.h5	100	5.9	14.9
EMSC-20100805_0000025	XS.QF25.00.HN.EMSC-20100805_0000025.h5	100	5.9	74.6
EMSC-20100805_0000025	XS.QF26.00.HN.EMSC-20100805_0000025.h5	100	5.9	59.8
EMSC-20100805_0000059	CX.HMBCX..HL.EMSC-20100805_0000059.h5	100	5.2	60.5
EMSC-20100805_0000059	CX.MNMCX..HL.EMSC-20100805_0000059.h5	100	5.2	121.5
EMSC-20100805_0000059	CX.PSGCX..HL.EMSC-20100805_0000059.h5	100	5.2	46.9
EMSC-20100806_0000005	HL.IACM..HN.EMSC-20100806_0000005.h5	100	4.8	112.1
EMSC-20100808_0000001	GE.KARP..HN.EMSC-20100808_0000001.h5	100	4.5	134.5
EMSC-20100808_0000001	HL.KARP..HN.EMSC-20100808_0000001.h5	100	4.5	134.5
EMSC-20100808_0000008	HL.IACM..HN.EMSC-20100808_0000008.h5	100	4.8	73.6
EMSC-20100814_0000026	CU.GRGR.20.HN.EMSC-20100814_0000026.h5	100	5.2	123.5
EMSC-20100825_0000034	IU.LVC.20.HN.EMSC-20100825_0000034.h5	100	5.1	29.8
EMSC-20100830_0000012	EU.VRI.00.HN.EMSC-20100830_0000012.h5	100	4.2	44
EMSC-20100830_0000012	RO.PLOR1..HN.EMSC-20100830_0000012.h5	100	4.2	38.8
EMSC-20100831_0000023	IU.GUMO.20.HN.EMSC-20100831_0000023.h5	100	5.1	25.2
EMSC-20100904_0000025	GE.KARP..HN.EMSC-20100904_0000025.h5	100	4	59.8
EMSC-20100904_0000025	HL.IACM..HN.EMSC-20100904_0000025.h5	100	4	135
EMSC-20100904_0000025	HL.KARP..HN.EMSC-20100904_0000025.h5	100	4	59.8
EMSC-20100909_0000012	XS.QF20.00.HN.EMSC-20100909_0000012.h5	100	6.2	188.3
EMSC-20100909_0000012	XS.QF21.00.HN.EMSC-20100909_0000012.h5	100	6.2	114.1
EMSC-20100909_0000012	XS.QF25.00.HN.EMSC-20100909_0000012.h5	100	6.2	34.1

EMSC-20100909_0000012	XS.QF26.00.HN.EMSC-20100909_0000012.h5	100	6.2	106.2
EMSC-20100921_0000008	GE.KARP..HN.EMSC-20100921_0000008.h5	100	4.1	46.8
EMSC-20100921_0000008	HL.KARP..HN.EMSC-20100921_0000008.h5	100	4.1	46.8
EMSC-20100921_0000014	GE.KARP..HN.EMSC-20100921_0000014.h5	100	4.1	47.4
EMSC-20100921_0000014	HL.KARP..HN.EMSC-20100921_0000014.h5	100	4.1	47.4
EMSC-20100921_0000016	GE.KARP..HN.EMSC-20100921_0000016.h5	100	4.3	46.5
EMSC-20100921_0000016	HL.KARP..HN.EMSC-20100921_0000016.h5	100	4.3	46.5
EMSC-20100921_0000031	GE.KARP..HN.EMSC-20100921_0000031.h5	100	4.1	45.3
EMSC-20100929_0000011	BO.FKS20.00.HN.EMSC-20100929_0000011.h5	100	5.5	58.5
EMSC-20100929_0000011	BO.FKS20.01.HN.EMSC-20100929_0000011.h5	100	5.5	58.5
EMSC-20100929_0000011	BO.FKS21.00.HN.EMSC-20100929_0000011.h5	100	5.5	50.9
EMSC-20100929_0000011	BO.FKS21.01.HN.EMSC-20100929_0000011.h5	100	5.5	50.9
EMSC-20100929_0000011	BO.FKS22.00.HN.EMSC-20100929_0000011.h5	100	5.5	42.4
EMSC-20100929_0000011	BO.FKS22.01.HN.EMSC-20100929_0000011.h5	100	5.5	42.4
EMSC-20100929_0000011	BO.FKS23.00.HN.EMSC-20100929_0000011.h5	100	5.5	25.4
EMSC-20100929_0000011	BO.FKS23.01.HN.EMSC-20100929_0000011.h5	100	5.5	25.4
EMSC-20100929_0000011	BO.FKS24.00.HN.EMSC-20100929_0000011.h5	100	5.5	12.6
EMSC-20100929_0000011	BO.FKS24.01.HN.EMSC-20100929_0000011.h5	100	5.5	12.6
EMSC-20100929_0000011	BO.FKS25.00.HN.EMSC-20100929_0000011.h5	100	5.5	45.2
EMSC-20100929_0000011	BO.FKS25.01.HN.EMSC-20100929_0000011.h5	100	5.5	45.2
EMSC-20100929_0000011	BO.FKS26.00.HN.EMSC-20100929_0000011.h5	100	5.5	64.1
EMSC-20100929_0000011	BO.FKS26.01.HN.EMSC-20100929_0000011.h5	100	5.5	64.1
EMSC-20100929_0000011	BO.FKS27.00.HN.EMSC-20100929_0000011.h5	100	5.5	18.2
EMSC-20100929_0000011	BO.FKS27.01.HN.EMSC-20100929_0000011.h5	100	5.5	18.2
EMSC-20100929_0000011	BO.FKS28.00.HN.EMSC-20100929_0000011.h5	100	5.5	37.7
EMSC-20100929_0000011	BO.FKS28.01.HN.EMSC-20100929_0000011.h5	100	5.5	37.7
EMSC-20100929_0000011	BO.FKS29.00.HN.EMSC-20100929_0000011.h5	100	5.5	15.6
EMSC-20100929_0000011	BO.FKS29.01.HN.EMSC-20100929_0000011.h5	100	5.5	15.6
EMSC-20100929_0000011	BO.FKS2A.00.HN.EMSC-20100929_0000011.h5	100	5.5	30.6
EMSC-20100929_0000011	BO.FKS2A.01.HN.EMSC-20100929_0000011.h5	100	5.5	30.6
EMSC-20100929_0000011	BO.FKS2B.00.HN.EMSC-20100929_0000011.h5	100	5.5	50.3
EMSC-20100929_0000011	BO.FKS2B.01.HN.EMSC-20100929_0000011.h5	100	5.5	50.3
EMSC-20100929_0000011	BO.FKS2D.00.HN.EMSC-20100929_0000011.h5	100	5.5	90
EMSC-20100929_0000011	BO.FKS2D.01.HN.EMSC-20100929_0000011.h5	100	5.5	90
EMSC-20100929_0000011	BO.FKS2E.00.HN.EMSC-20100929_0000011.h5	100	5.5	42.6
EMSC-20100929_0000011	BO.FKS2E.01.HN.EMSC-20100929_0000011.h5	100	5.5	42.6
EMSC-20100929_0000011	BO.FKS2F.00.HN.EMSC-20100929_0000011.h5	100	5.5	62.3
EMSC-20100929_0000011	BO.FKS2F.01.HN.EMSC-20100929_0000011.h5	100	5.5	62.3
EMSC-20100929_0000011	BO.FKS30.00.HN.EMSC-20100929_0000011.h5	100	5.5	66.9
EMSC-20100929_0000011	BO.FKS30.01.HN.EMSC-20100929_0000011.h5	100	5.5	66.9
EMSC-20100929_0000011	BO.FKS31.00.HN.EMSC-20100929_0000011.h5	100	5.5	52
EMSC-20100929_0000011	BO.FKS31.01.HN.EMSC-20100929_0000011.h5	100	5.5	52
EMSC-20100929_0000011	BO.FKS32.00.HN.EMSC-20100929_0000011.h5	100	5.5	66.4

EMSC-20100929_0000011	BO.FKS32.01.HN.EMSC-20100929_0000011.h5	100	5.5	66.4
EMSC-20100929_0000011	BO.FKS33.00.HN.EMSC-20100929_0000011.h5	100	5.5	89.5
EMSC-20100929_0000011	BO.FKS33.01.HN.EMSC-20100929_0000011.h5	100	5.5	89.5
EMSC-20100929_0000011	BO.FKS34.00.HN.EMSC-20100929_0000011.h5	100	5.5	61.9
EMSC-20100929_0000011	BO.FKS34.01.HN.EMSC-20100929_0000011.h5	100	5.5	61.9
EMSC-20100929_0000011	BO.GNM13.00.HN.EMSC-20100929_0000011.h5	100	5.5	96.3
EMSC-20100929_0000011	BO.GNM13.01.HN.EMSC-20100929_0000011.h5	100	5.5	96.3
EMSC-20100929_0000011	BO.GNM19.00.HN.EMSC-20100929_0000011.h5	100	5.5	96.4
EMSC-20100929_0000011	BO.GNM19.01.HN.EMSC-20100929_0000011.h5	100	5.5	96.4
EMSC-20100929_0000011	BO.IBR19.00.HN.EMSC-20100929_0000011.h5	100	5.5	56.8
EMSC-20100929_0000011	BO.IBR19.01.HN.EMSC-20100929_0000011.h5	100	5.5	56.8
EMSC-20100929_0000011	BO.IBR1A.00.HN.EMSC-20100929_0000011.h5	100	5.5	74
EMSC-20100929_0000011	BO.IBR1A.01.HN.EMSC-20100929_0000011.h5	100	5.5	74
EMSC-20100929_0000011	BO.IBR1B.00.HN.EMSC-20100929_0000011.h5	100	5.5	81.4
EMSC-20100929_0000011	BO.IBR1B.01.HN.EMSC-20100929_0000011.h5	100	5.5	81.4
EMSC-20100929_0000011	BO.IBR1C.00.HN.EMSC-20100929_0000011.h5	100	5.5	84.9
EMSC-20100929_0000011	BO.IBR1C.01.HN.EMSC-20100929_0000011.h5	100	5.5	84.9
EMSC-20100929_0000011	BO.IBR1D.00.HN.EMSC-20100929_0000011.h5	100	5.5	79.4
EMSC-20100929_0000011	BO.IBR1D.01.HN.EMSC-20100929_0000011.h5	100	5.5	79.4
EMSC-20100929_0000011	BO.MYG1A.00.HN.EMSC-20100929_0000011.h5	100	5.5	95.9
EMSC-20100929_0000011	BO.MYG1A.01.HN.EMSC-20100929_0000011.h5	100	5.5	95.9
EMSC-20100929_0000011	BO.NIG22.00.HN.EMSC-20100929_0000011.h5	100	5.5	92.8
EMSC-20100929_0000011	BO.NIG22.01.HN.EMSC-20100929_0000011.h5	100	5.5	92.8
EMSC-20100929_0000011	BO.NIG23.01.HN.EMSC-20100929_0000011.h5	100	5.5	78.6
EMSC-20100929_0000011	BO.NIG24.00.HN.EMSC-20100929_0000011.h5	100	5.5	64.5
EMSC-20100929_0000011	BO.NIG24.01.HN.EMSC-20100929_0000011.h5	100	5.5	64.5
EMSC-20100929_0000011	BO.NIG25.00.HN.EMSC-20100929_0000011.h5	100	5.5	83
EMSC-20100929_0000011	BO.NIG25.01.HN.EMSC-20100929_0000011.h5	100	5.5	83
EMSC-20100929_0000011	BO.NIG26.00.HN.EMSC-20100929_0000011.h5	100	5.5	63.9
EMSC-20100929_0000011	BO.NIG26.01.HN.EMSC-20100929_0000011.h5	100	5.5	63.9
EMSC-20100929_0000011	BO.NIG2B.00.HN.EMSC-20100929_0000011.h5	100	5.5	93.7
EMSC-20100929_0000011	BO.NIG2B.01.HN.EMSC-20100929_0000011.h5	100	5.5	93.7
EMSC-20100929_0000011	BO.TCG11.00.HN.EMSC-20100929_0000011.h5	100	5.5	93.3
EMSC-20100929_0000011	BO.TCG11.01.HN.EMSC-20100929_0000011.h5	100	5.5	93.3
EMSC-20100929_0000011	BO.TCG12.00.HN.EMSC-20100929_0000011.h5	100	5.5	66.7
EMSC-20100929_0000011	BO.TCG12.01.HN.EMSC-20100929_0000011.h5	100	5.5	66.7
EMSC-20100929_0000011	BO.TCG14.00.HN.EMSC-20100929_0000011.h5	100	5.5	49.3
EMSC-20100929_0000011	BO.TCG14.01.HN.EMSC-20100929_0000011.h5	100	5.5	49.3
EMSC-20100929_0000011	BO.TCG15.00.HN.EMSC-20100929_0000011.h5	100	5.5	47.4
EMSC-20100929_0000011	BO.TCG15.01.HN.EMSC-20100929_0000011.h5	100	5.5	47.4
EMSC-20100929_0000011	BO.TCG16.00.HN.EMSC-20100929_0000011.h5	100	5.5	67.5
EMSC-20100929_0000011	BO.TCG16.01.HN.EMSC-20100929_0000011.h5	100	5.5	67.5
EMSC-20100929_0000011	BO.TCG18.00.HN.EMSC-20100929_0000011.h5	100	5.5	62.9

EMSC-20100929_0000011	BO.TCG18.01.HN.EMSC-20100929_0000011.h5	100	5.5	62.9
EMSC-20100929_0000011	BO.TCG19.00.HN.EMSC-20100929_0000011.h5	100	5.5	88.7
EMSC-20100929_0000011	BO.TCG19.01.HN.EMSC-20100929_0000011.h5	100	5.5	88.7
EMSC-20100929_0000011	BO.TCG1B.00.HN.EMSC-20100929_0000011.h5	100	5.5	82
EMSC-20100929_0000011	BO.TCG1B.01.HN.EMSC-20100929_0000011.h5	100	5.5	82
EMSC-20100929_0000011	BO.TCG1C.00.HN.EMSC-20100929_0000011.h5	100	5.5	43.6
EMSC-20100929_0000011	BO.TCG1C.01.HN.EMSC-20100929_0000011.h5	100	5.5	43.6
EMSC-20100929_0000011	BO.YMT14.00.HN.EMSC-20100929_0000011.h5	100	5.5	91.8
EMSC-20100929_0000011	BO.YMT14.01.HN.EMSC-20100929_0000011.h5	100	5.5	91.8
EMSC-20100929_0000011	BO.YMT15.00.HN.EMSC-20100929_0000011.h5	100	5.5	92
EMSC-20100929_0000011	BO.YMT15.01.HN.EMSC-20100929_0000011.h5	100	5.5	92
EMSC-20100929_0000011	BO.YMT18.00.HN.EMSC-20100929_0000011.h5	100	5.5	67.8
EMSC-20100929_0000011	BO.YMT18.01.HN.EMSC-20100929_0000011.h5	100	5.5	67.8
EMSC-20100929_0000020	XS.QF02B.00.HN.EMSC-20100929_0000020.h5	100	5	49
EMSC-20100929_0000020	XS.QF06.00.HN.EMSC-20100929_0000020.h5	100	5	170
EMSC-20100929_0000020	XS.QF20.00.HN.EMSC-20100929_0000020.h5	100	5	103.3
EMSC-20100929_0000020	XS.QF23.00.HN.EMSC-20100929_0000020.h5	100	5	47.2
EMSC-20100930_0000002	XS.QF25.00.HN.EMSC-20100930_0000002.h5	100	5.3	64.5
EMSC-20100930_0000013	EU.VRI.00.HN.EMSC-20100930_0000013.h5	100	4.4	45.4
EMSC-20100930_0000013	RO.CNCR..HN.EMSC-20100930_0000013.h5	100	4.4	123.7
EMSC-20100930_0000013	RO.GHRR..HN.EMSC-20100930_0000013.h5	100	4.4	99.7
EMSC-20100930_0000013	RO.HUMR..HN.EMSC-20100930_0000013.h5	100	4.4	157
EMSC-20100930_0000013	RO.MLR..HN.EMSC-20100930_0000013.h5	100	4.4	32.3
EMSC-20100930_0000013	RO.PLOR..HN.EMSC-20100930_0000013.h5	100	4.4	40.4
EMSC-20100930_0000013	RO.PLOR1..HN.EMSC-20100930_0000013.h5	100	4.4	40.3
EMSC-20100930_0000013	RO.PLOR4..HN.EMSC-20100930_0000013.h5	100	4.4	40.4
EMSC-20100930_0000013	RO.SULR..HN.EMSC-20100930_0000013.h5	100	4.4	97.8
EMSC-20100930_0000013	RO.TLB..HN.EMSC-20100930_0000013.h5	100	4.4	171.4
EMSC-20100930_0000013	RO.VOIR..HN.EMSC-20100930_0000013.h5	100	4.4	102.4
EMSC-20101003_0000034	GE.KARP..HN.EMSC-20101003_0000034.h5	100	5.3	85.9
EMSC-20101003_0000034	HL.IACM..HN.EMSC-20101003_0000034.h5	100	5.3	137.8
EMSC-20101003_0000034	HL.KARP..HN.EMSC-20101003_0000034.h5	100	5.3	85.9
EMSC-20101003_0000035	GE.KARP..HN.EMSC-20101003_0000035.h5	100	4.4	85
EMSC-20101003_0000035	HL.KARP..HN.EMSC-20101003_0000035.h5	100	4.4	85
EMSC-20101007_0000042	GE.TIRR..HN.EMSC-20101007_0000042.h5	100	4.4	162.3
EMSC-20101007_0000042	RO.BUC1.00.HN.EMSC-20101007_0000042.h5	100	4.4	177.7
EMSC-20101007_0000042	RO.CIOR.00.HN.EMSC-20101007_0000042.h5	100	4.4	193.9
EMSC-20101007_0000042	RO.CNCR..HN.EMSC-20101007_0000042.h5	100	4.4	174.3
EMSC-20101007_0000042	RO.SULR..HN.EMSC-20101007_0000042.h5	100	4.4	196.5
EMSC-20101007_0000042	RO.TLB..HN.EMSC-20101007_0000042.h5	100	4.4	164.8
EMSC-20101007_0000044	MN.PDG..HL.EMSC-20101007_0000044.h5	100	4.2	191
EMSC-20101009_0000048	GE.KARP..HN.EMSC-20101009_0000048.h5	100	3.4	17.5
EMSC-20101011_0000004	MN.PDG..HL.EMSC-20101011_0000004.h5	100	4.3	191.5

EMSC-20101017_0000008	GE.KARP..HN.EMSC-20101017_0000008.h5	100	4	12.4
EMSC-20101017_0000008	HL.KARP..HN.EMSC-20101017_0000008.h5	100	4	12.4
EMSC-20101022_0000034	GE.KARP..HN.EMSC-20101022_0000034.h5	100	4.1	26.5
EMSC-20101022_0000052	CX.HMBCX..HL.EMSC-20101022_0000052.h5	100	5.8	171.4
EMSC-20101022_0000052	CX.PATCX..HL.EMSC-20101022_0000052.h5	100	5.8	185.5
EMSC-20101023_0000019	XS.QF26.00.HN.EMSC-20101023_0000019.h5	100	5.5	28.4
EMSC-20101025_0000012	HL.IACM..HN.EMSC-20101025_0000012.h5	100	4.7	148.4
EMSC-20101103_0000003	MN.PDG..HL.EMSC-20101103_0000003.h5	100	5.5	189.1
EMSC-20101103_0000003	RO.BANR..HN.EMSC-20101103_0000003.h5	100	5.5	183
EMSC-20101103_0000077	IV.POFI..HN.EMSC-20101103_0000077.h5	100	5.2	196.1
EMSC-20101104_0000079	MN.PDG..HL.EMSC-20101104_0000079.h5	100	4.3	186.8
EMSC-20101104_0000079	RO.BANR..HN.EMSC-20101104_0000079.h5	100	4.3	182.5
EMSC-20101106_0000002	IU.GNI.20.HN.EMSC-20101106_0000002.h5	100	4.1	140.4
EMSC-20101106_0000035	CX.MNMCX..HL.EMSC-20101106_0000035.h5	100	5	42.1
EMSC-20101111_0000038	TK.0905.00.HN.EMSC-20101111_0000038.h5	100	4.9	10.1
EMSC-20101111_0000038	TK.0907.00.HN.EMSC-20101111_0000038.h5	100	4.9	95.7
EMSC-20101111_0000038	TK.0910.00.HN.EMSC-20101111_0000038.h5	100	4.9	37.2
EMSC-20101111_0000038	TK.3506.00.HN.EMSC-20101111_0000038.h5	100	4.9	63.2
EMSC-20101111_0000038	TK.3510.00.HN.EMSC-20101111_0000038.h5	100	4.9	65.3
EMSC-20101111_0000038	TK.3511.00.HN.EMSC-20101111_0000038.h5	100	4.9	61.5
EMSC-20101111_0000038	TK.3513.00.HN.EMSC-20101111_0000038.h5	100	4.9	66.6
EMSC-20101111_0000038	TK.3514.00.HN.EMSC-20101111_0000038.h5	100	4.9	68.9
EMSC-20101111_0000038	TK.3515.00.HN.EMSC-20101111_0000038.h5	100	4.9	69.6
EMSC-20101111_0000038	TK.3517.00.HN.EMSC-20101111_0000038.h5	100	4.9	57.8
EMSC-20101111_0000038	TK.3518.00.HN.EMSC-20101111_0000038.h5	100	4.9	65
EMSC-20101111_0000038	TK.3519.00.HN.EMSC-20101111_0000038.h5	100	4.9	68
EMSC-20101111_0000038	TK.3520.00.HN.EMSC-20101111_0000038.h5	100	4.9	67.6
EMSC-20101111_0000038	TK.3521.00.HN.EMSC-20101111_0000038.h5	100	4.9	70.3
EMSC-20101111_0000038	TK.3522.00.HN.EMSC-20101111_0000038.h5	100	4.9	63.7
EMSC-20101111_0000038	TK.3523.00.HN.EMSC-20101111_0000038.h5	100	4.9	72.7
EMSC-20101111_0000038	TK.3524.00.HN.EMSC-20101111_0000038.h5	100	4.9	72.4
EMSC-20101111_0000038	TK.3525.00.HN.EMSC-20101111_0000038.h5	100	4.9	60.1
EMSC-20101111_0000038	TK.3530.00.HN.EMSC-20101111_0000038.h5	100	4.9	65.5
EMSC-20101111_0000038	TK.4501.00.HN.EMSC-20101111_0000038.h5	100	4.9	81.8
EMSC-20101111_0000038	TK.4506.00.HN.EMSC-20101111_0000038.h5	100	4.9	93.9
EMSC-20101114_0000105	TK.3104.00.HN.EMSC-20101114_0000105.h5	100	5	46.3
EMSC-20101114_0000105	TK.3105.00.HN.EMSC-20101114_0000105.h5	100	5	52.8
EMSC-20101114_0000105	TK.3108.00.HN.EMSC-20101114_0000105.h5	100	5	34.5
EMSC-20101114_0000105	TK.7901.00.HN.EMSC-20101114_0000105.h5	100	5	101.4
EMSC-20101114_0000105	TK.8002.00.HN.EMSC-20101114_0000105.h5	100	5	85
EMSC-20101121_0000007	GE.KARP..HN.EMSC-20101121_0000007.h5	100	3.3	67.6
EMSC-20101125_0000037	RO.GHRR..HN.EMSC-20101125_0000037.h5	100	4.1	95
EMSC-20101125_0000037	RO.HUMR..HN.EMSC-20101125_0000037.h5	100	4.1	162.5

EMSC-20101125_0000037	RO.MLR..HN.EMSC-20101125_0000037.h5	100	4.1	35.7
EMSC-20101125_0000037	RO.PLOR1..HN.EMSC-20101125_0000037.h5	100	4.1	34.6
EMSC-20101125_0000037	RO.SULR..HN.EMSC-20101125_0000037.h5	100	4.1	103.8
EMSC-20101128_0000015	XS.QF02B.00.HN.EMSC-20101128_0000015.h5	100	5.3	30.1
EMSC-20101202_0000047	RO.CNCR..HN.EMSC-20101202_0000047.h5	100	4.3	139.1
EMSC-20101202_0000047	RO.IAS..HN.EMSC-20101202_0000047.h5	100	4.3	186.3
EMSC-20101202_0000047	RO.MLR..HN.EMSC-20101202_0000047.h5	100	4.3	48
EMSC-20101202_0000047	RO.PLOR..HN.EMSC-20101202_0000047.h5	100	4.3	22.1
EMSC-20101202_0000047	RO.PLOR1..HN.EMSC-20101202_0000047.h5	100	4.3	22
EMSC-20101202_0000047	RO.PLOR4..HN.EMSC-20101202_0000047.h5	100	4.3	22.1
EMSC-20101204_0000007	GE.KARP..HN.EMSC-20101204_0000007.h5	100	4.8	118.4
EMSC-20101204_0000007	HL.IACM..HN.EMSC-20101204_0000007.h5	100	4.8	174.6
EMSC-20101204_0000007	HL.KARP..HN.EMSC-20101204_0000007.h5	100	4.8	118.4
EMSC-20101205_0000008	EU.VRI.00.HN.EMSC-20101205_0000008.h5	100	3.4	26.5
EMSC-20101205_0000008	RO.GHRR..HN.EMSC-20101205_0000008.h5	100	3.4	81.6
EMSC-20101205_0000008	RO.MLR..HN.EMSC-20101205_0000008.h5	100	3.4	48.7
EMSC-20101205_0000008	RO.PLOR..HN.EMSC-20101205_0000008.h5	100	3.4	21.6
EMSC-20101205_0000008	RO.PLOR1..HN.EMSC-20101205_0000008.h5	100	3.4	21.6
EMSC-20101205_0000008	RO.PLOR4..HN.EMSC-20101205_0000008.h5	100	3.4	21.6
EMSC-20101205_0000062	GE.KARP..HN.EMSC-20101205_0000062.h5	100	4.5	135.2
EMSC-20101205_0000062	HL.KARP..HN.EMSC-20101205_0000062.h5	100	4.5	135.2
EMSC-20101207_0000021	MN.PDG..HL.EMSC-20101207_0000021.h5	100	4.2	87.8
EMSC-20101214_0000064	GE.KARP..HN.EMSC-20101214_0000064.h5	100	4.1	140.1
EMSC-20101214_0000064	HL.KARP..HN.EMSC-20101214_0000064.h5	100	4.1	140.1
EMSC-20101220_0000046	CU.TGUH.20.HN.EMSC-20101220_0000046.h5	100	5.7	189
EMSC-20101221_0000026	MN.PDG..HL.EMSC-20101221_0000026.h5	100	4	87.4
EMSC-20101224_0000067	IU.SJG.20.HN.EMSC-20101224_0000067.h5	100	5.1	16.8
EMSC-20101225_0000032	EU.VRI.00.HN.EMSC-20101225_0000032.h5	100	3.6	169.2
EMSC-20101225_0000032	RO.ARR..HN.EMSC-20101225_0000032.h5	100	3.6	9.8
EMSC-20101225_0000032	RO.CJR..HN.EMSC-20101225_0000032.h5	100	3.6	161.4
EMSC-20101225_0000032	RO.DEV..HN.EMSC-20101225_0000032.h5	100	3.6	143.9
EMSC-20101225_0000032	RO.GZR..HN.EMSC-20101225_0000032.h5	100	3.6	145.8
EMSC-20101225_0000032	RO.HUMR..HN.EMSC-20101225_0000032.h5	100	3.6	106.4
EMSC-20101225_0000032	RO.LOT..HN.EMSC-20101225_0000032.h5	100	3.6	67.9
EMSC-20101225_0000032	RO.MLR..HN.EMSC-20101225_0000032.h5	100	3.6	102.3
EMSC-20101225_0000032	RO.PLOR..HN.EMSC-20101225_0000032.h5	100	3.6	162.9
EMSC-20101225_0000032	RO.PLOR1..HN.EMSC-20101225_0000032.h5	100	3.6	162.7
EMSC-20101225_0000032	RO.PLOR4..HN.EMSC-20101225_0000032.h5	100	3.6	162.9
EMSC-20101225_0000032	RO.VOIR..HN.EMSC-20101225_0000032.h5	100	3.6	32.2
EMSC-20110102_0000029	GE.MNAI..HL.EMSC-20110102_0000029.h5	100	5.7	169.9
EMSC-20110102_0000044	XS.QF25.00.HN.EMSC-20110102_0000044.h5	100	7.2	175.9
EMSC-20110102_0000044	XS.QF26.00.HN.EMSC-20110102_0000044.h5	100	7.2	42.2
EMSC-20110107_0000015	XS.QF02B.00.HN.EMSC-20110107_0000015.h5	100	5.4	173.7

EMSC-20110107_0000015	XS.QF20.00.HN.EMSC-20110107_0000015.h5	100	5.4	79.5
EMSC-20110110_0000015	XS.QF02B.00.HN.EMSC-20110110_0000015.h5	100	5.9	163.2
EMSC-20110110_0000015	XS.QF20.00.HN.EMSC-20110110_0000015.h5	100	5.9	85.9
EMSC-20110110_0000015	XS.QF21.00.HN.EMSC-20110110_0000015.h5	100	5.9	108.1
EMSC-20110110_0000015	XS.QF23.00.HN.EMSC-20110110_0000015.h5	100	5.9	108.6
EMSC-20110110_0000015	XS.QF25.00.HN.EMSC-20110110_0000015.h5	100	5.9	131.5
EMSC-20110117_0000048	GE.MNAI..HL.EMSC-20110117_0000048.h5	100	6	81.6
EMSC-20110118_0000046	CX.HMBCX..HL.EMSC-20110118_0000046.h5	100	5.3	129.9
EMSC-20110118_0000046	CX.MNMCX..HL.EMSC-20110118_0000046.h5	100	5.3	22.3
EMSC-20110118_0000046	CX.PATCX..HL.EMSC-20110118_0000046.h5	100	5.3	196
EMSC-20110118_0000046	CX.PSGCX..HL.EMSC-20110118_0000046.h5	100	5.3	88
EMSC-20110119_0000022	TK.0801.00.HN.EMSC-20110119_0000022.h5	100	5.3	112
EMSC-20110120_0000002	KO.GONE..HN.EMSC-20110120_0000002.h5	100	4	192.9
EMSC-20110120_0000002	TK.4112.00.HN.EMSC-20110120_0000002.h5	100	4	5.8
EMSC-20110120_0000002	TK.4113.00.HN.EMSC-20110120_0000002.h5	100	4	5.8
EMSC-20110120_0000002	TK.4115.00.HN.EMSC-20110120_0000002.h5	100	4	1.2
EMSC-20110120_0000002	TK.4116.00.HN.EMSC-20110120_0000002.h5	100	4	8
EMSC-20110120_0000002	TK.4108.00.HN.EMSC-20110120_0000002.h5	100	4	13.6
EMSC-20110120_0000002	TK.4111.00.HN.EMSC-20110120_0000002.h5	100	4	16.5
EMSC-20110121_0000009	CU.ANWB.20.HN.EMSC-20110121_0000009.h5	100	5	158.2
EMSC-20110122_0000001	MN.PDG..HL.EMSC-20110122_0000001.h5	100	4.1	88
EMSC-20110123_0000018	GE.MNAI..HL.EMSC-20110123_0000018.h5	100	5.3	91.3
EMSC-20110124_0000005	MN.PDG..HL.EMSC-20110124_0000005.h5	100	4.5	85.1
EMSC-20110126_0000059	GE.TIRR..HN.EMSC-20110126_0000059.h5	100	2.8	94.6
EMSC-20110126_0000059	RO.CNCR..HN.EMSC-20110126_0000059.h5	100	2.8	126
EMSC-20110126_0000059	RO.PLOR1..HN.EMSC-20110126_0000059.h5	100	2.8	113.6
EMSC-20110126_0000059	RO.SULR..HN.EMSC-20110126_0000059.h5	100	2.8	114.1
EMSC-20110202_0000018	CU.ANWB.20.HN.EMSC-20110202_0000018.h5	100	5	182.3
EMSC-20110204_0000028	CU.GRGR.20.HN.EMSC-20110204_0000028.h5	100	5.2	104.5
EMSC-20110204_0000063	EU.VRI.00.HN.EMSC-20110204_0000063.h5	100	3.8	15.8
EMSC-20110204_0000063	RO.GHRR..HN.EMSC-20110204_0000063.h5	100	3.8	63.5
EMSC-20110204_0000063	RO.ISR.00.HN.EMSC-20110204_0000063.h5	100	3.8	69.2
EMSC-20110204_0000063	RO.MLR..HN.EMSC-20110204_0000063.h5	100	3.8	67.7
EMSC-20110204_0000063	RO.PETR..HN.EMSC-20110204_0000063.h5	100	3.8	37.7
EMSC-20110204_0000063	RO.PLOR1..HN.EMSC-20110204_0000063.h5	100	3.8	16.2
EMSC-20110207_0000045	HL.KARP..HN.EMSC-20110207_0000045.h5	100	4	121.2
EMSC-20110208_0000043	MN.BLY..HL.EMSC-20110208_0000043.h5	100	4	99
EMSC-20110219_0000038	EU.VRI.00.HN.EMSC-20110219_0000038.h5	100	3.5	7.1
EMSC-20110219_0000038	RO.GHRR..HN.EMSC-20110219_0000038.h5	100	3.5	58
EMSC-20110219_0000038	RO.MLR..HN.EMSC-20110219_0000038.h5	100	3.5	72.2
EMSC-20110219_0000038	RO.PLOR..HN.EMSC-20110219_0000038.h5	100	3.5	9.8
EMSC-20110219_0000038	RO.PLOR1..HN.EMSC-20110219_0000038.h5	100	3.5	10
EMSC-20110219_0000038	RO.PLOR4..HN.EMSC-20110219_0000038.h5	100	3.5	9.8

EMSC-20110219_0000038	RO.SULR..HN.EMSC-20110219_0000038.h5	100	3.5	131.4
EMSC-20110223_0000003	CU.TGUH.20.HN.EMSC-20110223_0000003.h5	100	5.7	193.8
EMSC-20110223_0000008	GE.KARP..HN.EMSC-20110223_0000008.h5	100	4.7	134.5
EMSC-20110223_0000008	HL.IACM..HN.EMSC-20110223_0000008.h5	100	4.7	168.2
EMSC-20110223_0000008	HL.KARP..HN.EMSC-20110223_0000008.h5	100	4.7	134.5
EMSC-20110228_0000017	GE.KARP..HN.EMSC-20110228_0000017.h5	100	5.7	172.8
EMSC-20110228_0000017	HL.IACM..HN.EMSC-20110228_0000017.h5	100	5.7	59.9
EMSC-20110228_0000017	HL.KARP..HN.EMSC-20110228_0000017.h5	100	5.7	172.8
EMSC-20110228_0000046	CX.HMBCX..HL.EMSC-20110228_0000046.h5	100	5.2	104.1
EMSC-20110228_0000046	CX.MNMCX..HL.EMSC-20110228_0000046.h5	100	5.2	157.1
EMSC-20110228_0000046	CX.PATCX..HL.EMSC-20110228_0000046.h5	100	5.2	139.3
EMSC-20110228_0000046	CX.PSGCX..HL.EMSC-20110228_0000046.h5	100	5.2	155.2
EMSC-20110306_0000034	CX.MNMCX..HL.EMSC-20110306_0000034.h5	100	6.3	125.3
EMSC-20110306_0000034	CX.PSGCX..HL.EMSC-20110306_0000034.h5	100	6.3	192
EMSC-20110307_0000001	IU.HNR.20.HN.EMSC-20110307_0000001.h5	100	6.3	134.9
EMSC-20110308_0000025	GE.CSS..HL.EMSC-20110308_0000025.h5	100	4.1	150.1
EMSC-20110309_0000030	KO.GONE..HN.EMSC-20110309_0000030.h5	100	4	55.4
EMSC-20110309_0000030	TK.1006.00.HN.EMSC-20110309_0000030.h5	100	4	15.1
EMSC-20110309_0000030	TK.1014.00.HN.EMSC-20110309_0000030.h5	100	4	51.7
EMSC-20110311_0000040	IU.POHA.20.HN.EMSC-20110311_0000040.h5	100	4.6	73.1
EMSC-20110311_0000142	IU.MAJO.20.HN.EMSC-20110311_0000142.h5	100	6.2	54.2
EMSC-20110314_0000100	IU.GNI.20.HN.EMSC-20110314_0000100.h5	100	4.5	177.3
EMSC-20110316_0000091	G.PEL.00.HN.EMSC-20110316_0000091.h5	100	5.5	117.5
EMSC-20110317_0000003	G.PEL.00.HN.EMSC-20110317_0000003.h5	100	5.1	113
EMSC-20110317_0000042	G.PEL.00.HN.EMSC-20110317_0000042.h5	100	5.2	115.3
EMSC-20110328_0000055	G.PEL.00.HN.EMSC-20110328_0000055.h5	100	5.1	148.1
EMSC-20110330_0000055	KO.GONE..HN.EMSC-20110330_0000055.h5	100	4.4	14.3
EMSC-20110401_0000033	GE.KARP..HN.EMSC-20110401_0000033.h5	100	6	59.3
EMSC-20110401_0000033	HL.IACM..HN.EMSC-20110401_0000033.h5	100	6	142
EMSC-20110401_0000033	HL.KARP..HN.EMSC-20110401_0000033.h5	100	6	59.3
EMSC-20110401_0000033	TK.4805.00.HN.EMSC-20110401_0000033.h5	100	6	195.9
EMSC-20110401_0000033	TK.4809.00.HN.EMSC-20110401_0000033.h5	100	6	165.2
EMSC-20110401_0000033	TK.4810..HN.EMSC-20110401_0000033.h5	100	6	195.9
EMSC-20110401_0000034	GE.KARP..HN.EMSC-20110401_0000034.h5	100	4.2	48.5
EMSC-20110401_0000034	HL.IACM..HN.EMSC-20110401_0000034.h5	100	4.2	143.4
EMSC-20110401_0000034	HL.KARP..HN.EMSC-20110401_0000034.h5	100	4.2	48.5
EMSC-20110402_0000044	CX.HMBCX..HL.EMSC-20110402_0000044.h5	100	5.9	122.5
EMSC-20110402_0000044	CX.MNMCX..HL.EMSC-20110402_0000044.h5	100	5.9	76.2
EMSC-20110402_0000044	CX.PATCX..HL.EMSC-20110402_0000044.h5	100	5.9	184.9
EMSC-20110402_0000044	CX.PSGCX..HL.EMSC-20110402_0000044.h5	100	5.9	116.5
EMSC-20110405_0000025	IU.HNR.20.HN.EMSC-20110405_0000025.h5	100	5.1	29.2
EMSC-20110407_0000036	WM.CART..HL.EMSC-20110407_0000036.h5	100	4	129
EMSC-20110410_0000021	GE.KARP..HN.EMSC-20110410_0000021.h5	100	4.1	146.1

EMSC-20110410_0000026	GE.KARP..HN.EMSC-20110410_0000026.h5	100	4	176.4
EMSC-20110411_0000023	BO.FKS01.00.HN.EMSC-20110411_0000023.h5	100	6.6	96.8
EMSC-20110411_0000023	BO.FKS02.00.HN.EMSC-20110411_0000023.h5	100	6.6	100
EMSC-20110411_0000023	BO.FKS03.00.HN.EMSC-20110411_0000023.h5	100	6.6	92.1
EMSC-20110411_0000023	BO.FKS04.00.HN.EMSC-20110411_0000023.h5	100	6.6	81.7
EMSC-20110411_0000023	BO.FKS05.00.HN.EMSC-20110411_0000023.h5	100	6.6	81.7
EMSC-20110411_0000023	BO.FKS06.00.HN.EMSC-20110411_0000023.h5	100	6.6	62.3
EMSC-20110411_0000023	BO.FKS08.00.HN.EMSC-20110411_0000023.h5	100	6.6	55.3
EMSC-20110411_0000023	BO.FKS09.00.HN.EMSC-20110411_0000023.h5	100	6.6	37
EMSC-20110411_0000023	BO.FKS0A.00.HN.EMSC-20110411_0000023.h5	100	6.6	43.4
EMSC-20110411_0000023	BO.FKS0B.00.HN.EMSC-20110411_0000023.h5	100	6.6	26.1
EMSC-20110411_0000023	BO.FKS0C.00.HN.EMSC-20110411_0000023.h5	100	6.6	11.5
EMSC-20110411_0000023	BO.FKS0D.00.HN.EMSC-20110411_0000023.h5	100	6.6	19.1
EMSC-20110411_0000023	BO.FKS0E.00.HN.EMSC-20110411_0000023.h5	100	6.6	23.3
EMSC-20110411_0000023	BO.FKS0F.00.HN.EMSC-20110411_0000023.h5	100	6.6	27.6
EMSC-20110411_0000023	BO.FKS10.00.HN.EMSC-20110411_0000023.h5	100	6.6	47.1
EMSC-20110411_0000023	BO.FKS11.00.HN.EMSC-20110411_0000023.h5	100	6.6	46.3
EMSC-20110411_0000023	BO.FKS12.00.HN.EMSC-20110411_0000023.h5	100	6.6	57.1
EMSC-20110411_0000023	BO.FKS13.00.HN.EMSC-20110411_0000023.h5	100	6.6	75.9
EMSC-20110411_0000023	BO.FKS14.00.HN.EMSC-20110411_0000023.h5	100	6.6	83.5
EMSC-20110411_0000023	BO.FKS15.00.HN.EMSC-20110411_0000023.h5	100	6.6	106.4
EMSC-20110411_0000023	BO.FKS16.00.HN.EMSC-20110411_0000023.h5	100	6.6	116.4
EMSC-20110411_0000023	BO.FKS17.00.HN.EMSC-20110411_0000023.h5	100	6.6	88.5
EMSC-20110411_0000023	BO.FKS18.00.HN.EMSC-20110411_0000023.h5	100	6.6	69.3
EMSC-20110411_0000023	BO.FKS19.00.HN.EMSC-20110411_0000023.h5	100	6.6	79.6
EMSC-20110411_0000023	BO.FKS1A.00.HN.EMSC-20110411_0000023.h5	100	6.6	106.9
EMSC-20110411_0000023	BO.FKS1B.00.HN.EMSC-20110411_0000023.h5	100	6.6	89.4
EMSC-20110411_0000023	BO.FKS1D.00.HN.EMSC-20110411_0000023.h5	100	6.6	115.3
EMSC-20110411_0000023	BO.FKS1E.00.HN.EMSC-20110411_0000023.h5	100	6.6	117.3
EMSC-20110411_0000023	BO.FKS1F.00.HN.EMSC-20110411_0000023.h5	100	6.6	45.1
EMSC-20110411_0000023	BO.FKS21.00.HN.EMSC-20110411_0000023.h5	100	6.6	111.9
EMSC-20110411_0000023	BO.FKS21.01.HN.EMSC-20110411_0000023.h5	100	6.6	111.9
EMSC-20110411_0000023	BO.FKS22.00.HN.EMSC-20110411_0000023.h5	100	6.6	109.8
EMSC-20110411_0000023	BO.FKS22.01.HN.EMSC-20110411_0000023.h5	100	6.6	109.8
EMSC-20110411_0000023	BO.FKS23.00.HN.EMSC-20110411_0000023.h5	100	6.6	94.7
EMSC-20110411_0000023	BO.FKS23.01.HN.EMSC-20110411_0000023.h5	100	6.6	94.7
EMSC-20110411_0000023	BO.FKS24.00.HN.EMSC-20110411_0000023.h5	100	6.6	79
EMSC-20110411_0000023	BO.FKS24.01.HN.EMSC-20110411_0000023.h5	100	6.6	79
EMSC-20110411_0000023	BO.FKS25.00.HN.EMSC-20110411_0000023.h5	100	6.6	105.6
EMSC-20110411_0000023	BO.FKS25.01.HN.EMSC-20110411_0000023.h5	100	6.6	105.6
EMSC-20110411_0000023	BO.FKS26.00.HN.EMSC-20110411_0000023.h5	100	6.6	115.7
EMSC-20110411_0000023	BO.FKS26.01.HN.EMSC-20110411_0000023.h5	100	6.6	115.7
EMSC-20110411_0000023	BO.FKS27.00.HN.EMSC-20110411_0000023.h5	100	6.6	55.3

EMSC-20110411_0000023	BO.FKS27.01.HN.EMSC-20110411_0000023.h5	100	6.6	55.3
EMSC-20110411_0000023	BO.FKS28.00.HN.EMSC-20110411_0000023.h5	100	6.6	50.2
EMSC-20110411_0000023	BO.FKS28.01.HN.EMSC-20110411_0000023.h5	100	6.6	50.2
EMSC-20110411_0000023	BO.FKS29.00.HN.EMSC-20110411_0000023.h5	100	6.6	56.9
EMSC-20110411_0000023	BO.FKS29.01.HN.EMSC-20110411_0000023.h5	100	6.6	56.9
EMSC-20110411_0000023	BO.FKS2A.00.HN.EMSC-20110411_0000023.h5	100	6.6	41
EMSC-20110411_0000023	BO.FKS2A.01.HN.EMSC-20110411_0000023.h5	100	6.6	41
EMSC-20110411_0000023	BO.FKS2B.00.HN.EMSC-20110411_0000023.h5	100	6.6	31.4
EMSC-20110411_0000023	BO.FKS2B.01.HN.EMSC-20110411_0000023.h5	100	6.6	31.4
EMSC-20110411_0000023	BO.FKS2D.00.HN.EMSC-20110411_0000023.h5	100	6.6	28
EMSC-20110411_0000023	BO.FKS2D.01.HN.EMSC-20110411_0000023.h5	100	6.6	28
EMSC-20110411_0000023	BO.FKS2F.00.HN.EMSC-20110411_0000023.h5	100	6.6	94.6
EMSC-20110411_0000023	BO.FKS2F.01.HN.EMSC-20110411_0000023.h5	100	6.6	94.6
EMSC-20110411_0000023	BO.FKS30.00.HN.EMSC-20110411_0000023.h5	100	6.6	80
EMSC-20110411_0000023	BO.FKS30.01.HN.EMSC-20110411_0000023.h5	100	6.6	80
EMSC-20110411_0000023	BO.FKS31.00.HN.EMSC-20110411_0000023.h5	100	6.6	61.5
EMSC-20110411_0000023	BO.FKS31.01.HN.EMSC-20110411_0000023.h5	100	6.6	61.5
EMSC-20110411_0000023	BO.FKS32.00.HN.EMSC-20110411_0000023.h5	100	6.6	58.4
EMSC-20110411_0000023	BO.FKS32.01.HN.EMSC-20110411_0000023.h5	100	6.6	58.4
EMSC-20110411_0000023	BO.IBR01.00.HN.EMSC-20110411_0000023.h5	100	6.6	33.9
EMSC-20110411_0000023	BO.IBR02.00.HN.EMSC-20110411_0000023.h5	100	6.6	26.8
EMSC-20110411_0000023	BO.IBR03.00.HN.EMSC-20110411_0000023.h5	100	6.6	39.4
EMSC-20110411_0000023	BO.IBR04.00.HN.EMSC-20110411_0000023.h5	100	6.6	49.6
EMSC-20110411_0000023	BO.IBR05.00.HN.EMSC-20110411_0000023.h5	100	6.6	73.4
EMSC-20110411_0000023	BO.IBR06.00.HN.EMSC-20110411_0000023.h5	100	6.6	66.9
EMSC-20110411_0000023	BO.IBR07.00.HN.EMSC-20110411_0000023.h5	100	6.6	66.2
EMSC-20110411_0000023	BO.IBR08.00.HN.EMSC-20110411_0000023.h5	100	6.6	94
EMSC-20110411_0000023	BO.IBR0A.00.HN.EMSC-20110411_0000023.h5	100	6.6	105.6
EMSC-20110411_0000023	BO.IBR0B.00.HN.EMSC-20110411_0000023.h5	100	6.6	104.9
EMSC-20110411_0000023	BO.IBR0C.00.HN.EMSC-20110411_0000023.h5	100	6.6	90.7
EMSC-20110411_0000023	BO.IBR0D.00.HN.EMSC-20110411_0000023.h5	100	6.6	88.9
EMSC-20110411_0000023	BO.IBR0E.00.HN.EMSC-20110411_0000023.h5	100	6.6	105.9
EMSC-20110411_0000023	BO.IBR13.00.HN.EMSC-20110411_0000023.h5	100	6.6	7.4
EMSC-20110411_0000023	BO.IBR17.00.HN.EMSC-20110411_0000023.h5	100	6.6	111
EMSC-20110411_0000023	BO.IBR18.00.HN.EMSC-20110411_0000023.h5	100	6.6	79.7
EMSC-20110411_0000023	BO.IBR18.01.HN.EMSC-20110411_0000023.h5	100	6.6	79.7
EMSC-20110411_0000023	BO.IBR19.00.HN.EMSC-20110411_0000023.h5	100	6.6	33.8
EMSC-20110411_0000023	BO.IBR19.01.HN.EMSC-20110411_0000023.h5	100	6.6	33.8
EMSC-20110411_0000023	BO.IBR1A.00.HN.EMSC-20110411_0000023.h5	100	6.6	18.8
EMSC-20110411_0000023	BO.IBR1A.01.HN.EMSC-20110411_0000023.h5	100	6.6	18.8
EMSC-20110411_0000023	BO.IBR1B.00.HN.EMSC-20110411_0000023.h5	100	6.6	30.2
EMSC-20110411_0000023	BO.IBR1B.01.HN.EMSC-20110411_0000023.h5	100	6.6	30.2
EMSC-20110411_0000023	BO.IBR1C.00.HN.EMSC-20110411_0000023.h5	100	6.6	54.4

EMSC-20110411_0000023	BO.IBR1C.01.HN.EMSC-20110411_0000023.h5	100	6.6	54.4
EMSC-20110411_0000023	BO.IBR1D.00.HN.EMSC-20110411_0000023.h5	100	6.6	41.8
EMSC-20110411_0000023	BO.IBR1D.01.HN.EMSC-20110411_0000023.h5	100	6.6	41.8
EMSC-20110411_0000023	BO.IBR1E.00.HN.EMSC-20110411_0000023.h5	100	6.6	100.6
EMSC-20110411_0000023	BO.IBR1F.00.HN.EMSC-20110411_0000023.h5	100	6.6	64.8
EMSC-20110411_0000023	BO.IBR1F.01.HN.EMSC-20110411_0000023.h5	100	6.6	64.8
EMSC-20110411_0000023	BO.IBR20.00.HN.EMSC-20110411_0000023.h5	100	6.6	96.6
EMSC-20110411_0000023	BO.MYG1B.00.HN.EMSC-20110411_0000023.h5	100	6.6	112.2
EMSC-20110411_0000023	BO.TCG01.00.HN.EMSC-20110411_0000023.h5	100	6.6	52.5
EMSC-20110411_0000023	BO.TCG02.00.HN.EMSC-20110411_0000023.h5	100	6.6	77.6
EMSC-20110411_0000023	BO.TCG03.00.HN.EMSC-20110411_0000023.h5	100	6.6	86.6
EMSC-20110411_0000023	BO.TCG04.00.HN.EMSC-20110411_0000023.h5	100	6.6	112.7
EMSC-20110411_0000023	BO.TCG05.00.HN.EMSC-20110411_0000023.h5	100	6.6	68.3
EMSC-20110411_0000023	BO.TCG06.00.HN.EMSC-20110411_0000023.h5	100	6.6	52.5
EMSC-20110411_0000023	BO.TCG07.00.HN.EMSC-20110411_0000023.h5	100	6.6	81.7
EMSC-20110411_0000023	BO.TCG08.00.HN.EMSC-20110411_0000023.h5	100	6.6	91.5
EMSC-20110411_0000023	BO.TCG09.00.HN.EMSC-20110411_0000023.h5	100	6.6	88.8
EMSC-20110411_0000023	BO.TCG0A.00.HN.EMSC-20110411_0000023.h5	100	6.6	115.5
EMSC-20110411_0000023	BO.TCG0C.00.HN.EMSC-20110411_0000023.h5	100	6.6	106.7
EMSC-20110411_0000023	BO.TCG0D.00.HN.EMSC-20110411_0000023.h5	100	6.6	81
EMSC-20110411_0000023	BO.TCG0E.00.HN.EMSC-20110411_0000023.h5	100	6.6	62.9
EMSC-20110411_0000023	BO.TCG0F.00.HN.EMSC-20110411_0000023.h5	100	6.6	88.2
EMSC-20110411_0000023	BO.TCG10.00.HN.EMSC-20110411_0000023.h5	100	6.6	65.4
EMSC-20110411_0000023	BO.TCG11.00.HN.EMSC-20110411_0000023.h5	100	6.6	85.1
EMSC-20110411_0000023	BO.TCG12.00.HN.EMSC-20110411_0000023.h5	100	6.6	108.9
EMSC-20110411_0000023	BO.TCG14.00.HN.EMSC-20110411_0000023.h5	100	6.6	75.1
EMSC-20110411_0000023	BO.TCG15.00.HN.EMSC-20110411_0000023.h5	100	6.6	58.8
EMSC-20110411_0000023	BO.TCG15.01.HN.EMSC-20110411_0000023.h5	100	6.6	58.8
EMSC-20110411_0000023	BO.TCG16.00.HN.EMSC-20110411_0000023.h5	100	6.6	84.8
EMSC-20110411_0000023	BO.TCG17.00.HN.EMSC-20110411_0000023.h5	100	6.6	67.4
EMSC-20110411_0000023	BO.TCG17.01.HN.EMSC-20110411_0000023.h5	100	6.6	67.4
EMSC-20110411_0000023	BO.TCG18.00.HN.EMSC-20110411_0000023.h5	100	6.6	50
EMSC-20110411_0000023	BO.TCG18.01.HN.EMSC-20110411_0000023.h5	100	6.6	50
EMSC-20110411_0000023	BO.TCG19.00.HN.EMSC-20110411_0000023.h5	100	6.6	104.1
EMSC-20110411_0000023	BO.TCG1A.00.HN.EMSC-20110411_0000023.h5	100	6.6	84
EMSC-20110411_0000023	BO.TCG1B.00.HN.EMSC-20110411_0000023.h5	100	6.6	69.3
EMSC-20110411_0000023	BO.TCG1B.01.HN.EMSC-20110411_0000023.h5	100	6.6	69.3
EMSC-20110411_0000023	BO.TCG1C.00.HN.EMSC-20110411_0000023.h5	100	6.6	87.4
EMSC-20110411_0000040	BO.FKS21.00.HN.EMSC-20110411_0000040.h5	100	5.5	93.4
EMSC-20110411_0000040	BO.FKS21.01.HN.EMSC-20110411_0000040.h5	100	5.5	93.4
EMSC-20110411_0000040	BO.FKS22.00.HN.EMSC-20110411_0000040.h5	100	5.5	87.8
EMSC-20110411_0000040	BO.FKS22.01.HN.EMSC-20110411_0000040.h5	100	5.5	87.8
EMSC-20110411_0000040	BO.FKS23.00.HN.EMSC-20110411_0000040.h5	100	5.5	71.1

EMSC-20110411_0000040	BO.FKS23.01.HN.EMSC-20110411_0000040.h5	100	5.5	71.1
EMSC-20110411_0000040	BO.FKS24.00.HN.EMSC-20110411_0000040.h5	100	5.5	52.7
EMSC-20110411_0000040	BO.FKS24.01.HN.EMSC-20110411_0000040.h5	100	5.5	52.7
EMSC-20110411_0000040	BO.FKS25.00.HN.EMSC-20110411_0000040.h5	100	5.5	77.4
EMSC-20110411_0000040	BO.FKS25.01.HN.EMSC-20110411_0000040.h5	100	5.5	77.4
EMSC-20110411_0000040	BO.FKS27.00.HN.EMSC-20110411_0000040.h5	100	5.5	35.8
EMSC-20110411_0000040	BO.FKS27.01.HN.EMSC-20110411_0000040.h5	100	5.5	35.8
EMSC-20110411_0000040	BO.FKS28.00.HN.EMSC-20110411_0000040.h5	100	5.5	41.9
EMSC-20110411_0000040	BO.FKS28.01.HN.EMSC-20110411_0000040.h5	100	5.5	41.9
EMSC-20110411_0000040	BO.FKS29.00.HN.EMSC-20110411_0000040.h5	100	5.5	30.9
EMSC-20110411_0000040	BO.FKS29.01.HN.EMSC-20110411_0000040.h5	100	5.5	30.9
EMSC-20110411_0000040	BO.FKS2A.00.HN.EMSC-20110411_0000040.h5	100	5.5	24.5
EMSC-20110411_0000040	BO.FKS2A.01.HN.EMSC-20110411_0000040.h5	100	5.5	24.5
EMSC-20110411_0000040	BO.FKS2B.00.HN.EMSC-20110411_0000040.h5	100	5.5	32.5
EMSC-20110411_0000040	BO.FKS2B.01.HN.EMSC-20110411_0000040.h5	100	5.5	32.5
EMSC-20110411_0000040	BO.FKS2D.00.HN.EMSC-20110411_0000040.h5	100	5.5	54.9
EMSC-20110411_0000040	BO.FKS2D.01.HN.EMSC-20110411_0000040.h5	100	5.5	54.9
EMSC-20110411_0000040	BO.FKS2F.00.HN.EMSC-20110411_0000040.h5	100	5.5	87.1
EMSC-20110411_0000040	BO.FKS2F.01.HN.EMSC-20110411_0000040.h5	100	5.5	87.1
EMSC-20110411_0000040	BO.FKS30.00.HN.EMSC-20110411_0000040.h5	100	5.5	78.8
EMSC-20110411_0000040	BO.FKS30.01.HN.EMSC-20110411_0000040.h5	100	5.5	78.8
EMSC-20110411_0000040	BO.FKS31.00.HN.EMSC-20110411_0000040.h5	100	5.5	58.8
EMSC-20110411_0000040	BO.FKS31.01.HN.EMSC-20110411_0000040.h5	100	5.5	58.8
EMSC-20110411_0000040	BO.FKS32.00.HN.EMSC-20110411_0000040.h5	100	5.5	63.4
EMSC-20110411_0000040	BO.FKS32.01.HN.EMSC-20110411_0000040.h5	100	5.5	63.4
EMSC-20110411_0000040	BO.IBR18.00.HN.EMSC-20110411_0000040.h5	100	5.5	70.4
EMSC-20110411_0000040	BO.IBR18.01.HN.EMSC-20110411_0000040.h5	100	5.5	70.4
EMSC-20110411_0000040	BO.IBR19.00.HN.EMSC-20110411_0000040.h5	100	5.5	16.2
EMSC-20110411_0000040	BO.IBR19.01.HN.EMSC-20110411_0000040.h5	100	5.5	16.2
EMSC-20110411_0000040	BO.IBR1A.00.HN.EMSC-20110411_0000040.h5	100	5.5	28.3
EMSC-20110411_0000040	BO.IBR1A.01.HN.EMSC-20110411_0000040.h5	100	5.5	28.3
EMSC-20110411_0000040	BO.IBR1B.00.HN.EMSC-20110411_0000040.h5	100	5.5	36.3
EMSC-20110411_0000040	BO.IBR1B.01.HN.EMSC-20110411_0000040.h5	100	5.5	36.3
EMSC-20110411_0000040	BO.IBR1C.00.HN.EMSC-20110411_0000040.h5	100	5.5	47.2
EMSC-20110411_0000040	BO.IBR1C.01.HN.EMSC-20110411_0000040.h5	100	5.5	47.2
EMSC-20110411_0000040	BO.IBR1D.00.HN.EMSC-20110411_0000040.h5	100	5.5	37.9
EMSC-20110411_0000040	BO.IBR1D.01.HN.EMSC-20110411_0000040.h5	100	5.5	37.9
EMSC-20110411_0000040	BO.IBR1F.00.HN.EMSC-20110411_0000040.h5	100	5.5	72.4
EMSC-20110411_0000040	BO.IBR1F.01.HN.EMSC-20110411_0000040.h5	100	5.5	72.4
EMSC-20110411_0000040	BO.IBR20.00.HN.EMSC-20110411_0000040.h5	100	5.5	88.3
EMSC-20110411_0000040	BO.IBR20.01.HN.EMSC-20110411_0000040.h5	100	5.5	88.3
EMSC-20110411_0000040	BO.TCG11.00.HN.EMSC-20110411_0000040.h5	100	5.5	69.5
EMSC-20110411_0000040	BO.TCG11.01.HN.EMSC-20110411_0000040.h5	100	5.5	69.5

EMSC-20110411_0000040	BO.TCG12.00.HN.EMSC-20110411_0000040.h5	100	5.5	81.2
EMSC-20110411_0000040	BO.TCG12.01.HN.EMSC-20110411_0000040.h5	100	5.5	81.2
EMSC-20110411_0000040	BO.TCG14.00.HN.EMSC-20110411_0000040.h5	100	5.5	48.1
EMSC-20110411_0000040	BO.TCG14.01.HN.EMSC-20110411_0000040.h5	100	5.5	48.1
EMSC-20110411_0000040	BO.TCG15.00.HN.EMSC-20110411_0000040.h5	100	5.5	32.7
EMSC-20110411_0000040	BO.TCG15.01.HN.EMSC-20110411_0000040.h5	100	5.5	32.7
EMSC-20110411_0000040	BO.TCG16.00.HN.EMSC-20110411_0000040.h5	100	5.5	60.4
EMSC-20110411_0000040	BO.TCG16.01.HN.EMSC-20110411_0000040.h5	100	5.5	60.4
EMSC-20110411_0000040	BO.TCG17.00.HN.EMSC-20110411_0000040.h5	100	5.5	45.8
EMSC-20110411_0000040	BO.TCG17.01.HN.EMSC-20110411_0000040.h5	100	5.5	45.8
EMSC-20110411_0000040	BO.TCG18.00.HN.EMSC-20110411_0000040.h5	100	5.5	31.6
EMSC-20110411_0000040	BO.TCG18.01.HN.EMSC-20110411_0000040.h5	100	5.5	31.6
EMSC-20110411_0000040	BO.TCG19.00.HN.EMSC-20110411_0000040.h5	100	5.5	81.5
EMSC-20110411_0000040	BO.TCG19.01.HN.EMSC-20110411_0000040.h5	100	5.5	81.5
EMSC-20110411_0000040	BO.TCG1B.00.HN.EMSC-20110411_0000040.h5	100	5.5	54.1
EMSC-20110411_0000040	BO.TCG1B.01.HN.EMSC-20110411_0000040.h5	100	5.5	54.1
EMSC-20110411_0000040	BO.TCG1C.00.HN.EMSC-20110411_0000040.h5	100	5.5	59.1
EMSC-20110411_0000040	BO.TCG1C.01.HN.EMSC-20110411_0000040.h5	100	5.5	59.1
EMSC-20110411_0000076	IU.MAJO.20.HN.EMSC-20110411_0000076.h5	100	5.5	30.1
EMSC-20110416_0000043	MN.BLY..HL.EMSC-20110416_0000043.h5	100	4	65.9
EMSC-20110417_0000025	EU.VRI.00.HN.EMSC-20110417_0000025.h5	100	3.6	32.6
EMSC-20110417_0000025	RO.CNCR..HN.EMSC-20110417_0000025.h5	100	3.6	135.2
EMSC-20110417_0000025	RO.GHRR..HN.EMSC-20110417_0000025.h5	100	3.6	87.8
EMSC-20110417_0000025	RO.HUMR..HN.EMSC-20110417_0000025.h5	100	3.6	169.8
EMSC-20110417_0000025	RO.IAS..HN.EMSC-20110417_0000025.h5	100	3.6	191.4
EMSC-20110417_0000025	RO.ISR.00.HN.EMSC-20110417_0000025.h5	100	3.6	60
EMSC-20110417_0000025	RO.MLR..HN.EMSC-20110417_0000025.h5	100	3.6	42.6
EMSC-20110417_0000025	RO.PETR..HN.EMSC-20110417_0000025.h5	100	3.6	62.2
EMSC-20110417_0000025	RO.PLOR..HN.EMSC-20110417_0000025.h5	100	3.6	27.4
EMSC-20110417_0000025	RO.PLOR1..HN.EMSC-20110417_0000025.h5	100	3.6	27.3
EMSC-20110417_0000025	RO.PLOR4..HN.EMSC-20110417_0000025.h5	100	3.6	27.4
EMSC-20110417_0000025	RO.SULR..HN.EMSC-20110417_0000025.h5	100	3.6	109.4
EMSC-20110419_0000041	IU.GUMO.20.HN.EMSC-20110419_0000041.h5	100	4.9	39.8
EMSC-20110422_0000026	KO.ENZZ..HN.EMSC-20110422_0000026.h5	100	4.3	120.4
EMSC-20110422_0000043	BO.FKS2B.00.HN.EMSC-20110422_0000043.h5	100	5.2	37.1
EMSC-20110423_0000011	IU.HNR.20.HN.EMSC-20110423_0000011.h5	100	6.8	172
EMSC-20110428_0000050	MN.BLY..HL.EMSC-20110428_0000050.h5	100	4.2	9.9
EMSC-20110501_0000004	EU.VRI.00.HN.EMSC-20110501_0000004.h5	100	4.6	36.8
EMSC-20110501_0000004	RO.ARR..HN.EMSC-20110501_0000004.h5	100	4.6	142.1
EMSC-20110501_0000004	RO.BAC..HN.EMSC-20110501_0000004.h5	100	4.6	112.4
EMSC-20110501_0000004	RO.BUC1.00.HN.EMSC-20110501_0000004.h5	100	4.6	144.3
EMSC-20110501_0000004	RO.CFR.00.HN.EMSC-20110501_0000004.h5	100	4.6	143.3
EMSC-20110501_0000004	RO.CIOR.00.HN.EMSC-20110501_0000004.h5	100	4.6	136.4

EMSC-20110501_0000004	RO.CNCR..HN.EMSC-20110501_0000004.h5	100	4.6	130.9
EMSC-20110501_0000004	RO.CVD1..HN.EMSC-20110501_0000004.h5	100	4.6	193.9
EMSC-20110501_0000004	RO.GHRR..HN.EMSC-20110501_0000004.h5	100	4.6	91.6
EMSC-20110501_0000004	RO.HUMR..HN.EMSC-20110501_0000004.h5	100	4.6	165.5
EMSC-20110501_0000004	RO.IAS..HN.EMSC-20110501_0000004.h5	100	4.6	195.9
EMSC-20110501_0000004	RO.ISR.00.HN.EMSC-20110501_0000004.h5	100	4.6	56.2
EMSC-20110501_0000004	RO.MLR..HN.EMSC-20110501_0000004.h5	100	4.6	39.3
EMSC-20110501_0000004	RO.PETR..HN.EMSC-20110501_0000004.h5	100	4.6	64.7
EMSC-20110501_0000004	RO.PLOR..HN.EMSC-20110501_0000004.h5	100	4.6	31.8
EMSC-20110501_0000004	RO.PLOR1..HN.EMSC-20110501_0000004.h5	100	4.6	31.8
EMSC-20110501_0000004	RO.PLOR4..HN.EMSC-20110501_0000004.h5	100	4.6	31.8
EMSC-20110501_0000004	RO.SULR..HN.EMSC-20110501_0000004.h5	100	4.6	105.1
EMSC-20110501_0000004	RO.VOIR..HN.EMSC-20110501_0000004.h5	100	4.6	108.6
EMSC-20110504_0000022	GE.TIRR..HN.EMSC-20110504_0000022.h5	100	2.6	131.5
EMSC-20110506_0000070	MN.BLY..HL.EMSC-20110506_0000070.h5	100	4.2	170.9
EMSC-20110507_0000043	KO.YKAV..HN.EMSC-20110507_0000043.h5	100	4.7	86
EMSC-20110507_0000043	TK.4810..HN.EMSC-20110507_0000043.h5	100	4.7	12.3
EMSC-20110508_0000014	GE.KARP..HN.EMSC-20110508_0000014.h5	100	5.1	125.3
EMSC-20110508_0000014	HL.KARP..HN.EMSC-20110508_0000014.h5	100	5.1	125.3
EMSC-20110508_0000014	KO.DIDI..HN.EMSC-20110508_0000014.h5	100	5.1	77.9
EMSC-20110508_0000014	KO.FETI..HN.EMSC-20110508_0000014.h5	100	5.1	168
EMSC-20110508_0000014	KO.YKAV..HN.EMSC-20110508_0000014.h5	100	5.1	50.2
EMSC-20110508_0000014	TK.0905.00.HN.EMSC-20110508_0000014.h5	100	5.1	131.6
EMSC-20110508_0000014	TK.4809.00.HN.EMSC-20110508_0000014.h5	100	5.1	44.4
EMSC-20110508_0000014	TK.4810..HN.EMSC-20110508_0000014.h5	100	5.1	93.6
EMSC-20110510_0000025	ND.LIFNC.00.HN.EMSC-20110510_0000025.h5	100	6.8	118.6
EMSC-20110511_0000048	WM.CART..HL.EMSC-20110511_0000048.h5	100	4.5	64.6
EMSC-20110511_0000054	WM.CART..HL.EMSC-20110511_0000054.h5	100	5.1	61.5
EMSC-20110511_0000067	WM.CART..HL.EMSC-20110511_0000067.h5	100	4.3	65.1
EMSC-20110514_0000018	MN.PDG..HL.EMSC-20110514_0000018.h5	100	4.1	162.6
EMSC-20110518_0000003	IU.GUMO.20.HN.EMSC-20110518_0000003.h5	100	5.3	40.2
EMSC-20110519_0000034	IV.SIRI..HN.EMSC-20110519_0000034.h5	100	4.8	139.3
EMSC-20110519_0000052	TK.0302.00.HN.EMSC-20110519_0000052.h5	100	5.8	151.5
EMSC-20110519_0000052	TK.0910.00.HN.EMSC-20110519_0000052.h5	100	5.8	180.4
EMSC-20110519_0000052	TK.1006.00.HN.EMSC-20110519_0000052.h5	100	5.8	162.3
EMSC-20110519_0000052	TK.1009..HN.EMSC-20110519_0000052.h5	100	5.8	62.6
EMSC-20110519_0000052	TK.1014.00.HN.EMSC-20110519_0000052.h5	100	5.8	164.4
EMSC-20110519_0000052	TK.1102.00.HN.EMSC-20110519_0000052.h5	100	5.8	120.7
EMSC-20110519_0000052	TK.1607.00.HN.EMSC-20110519_0000052.h5	100	5.8	140.7
EMSC-20110519_0000052	TK.1608.00.HN.EMSC-20110519_0000052.h5	100	5.8	142.7
EMSC-20110519_0000052	TK.1609.00.HN.EMSC-20110519_0000052.h5	100	5.8	144.3
EMSC-20110519_0000052	TK.1613.00.HN.EMSC-20110519_0000052.h5	100	5.8	88.5
EMSC-20110519_0000052	TK.1614.00.HN.EMSC-20110519_0000052.h5	100	5.8	116.3

EMSC-20110519_0000052	TK.1615.00.HN.EMSC-20110519_0000052.h5	100	5.8	145
EMSC-20110519_0000052	TK.1616.00.HN.EMSC-20110519_0000052.h5	100	5.8	147.7
EMSC-20110519_0000052	TK.1617.00.HN.EMSC-20110519_0000052.h5	100	5.8	153
EMSC-20110519_0000052	TK.1618.00.HN.EMSC-20110519_0000052.h5	100	5.8	136.4
EMSC-20110519_0000052	TK.2008.00.HN.EMSC-20110519_0000052.h5	100	5.8	147.5
EMSC-20110519_0000052	TK.2009.00.HN.EMSC-20110519_0000052.h5	100	5.8	134.8
EMSC-20110519_0000052	TK.2010.00.HN.EMSC-20110519_0000052.h5	100	5.8	147.6
EMSC-20110519_0000052	TK.2011.00.HN.EMSC-20110519_0000052.h5	100	5.8	154.4
EMSC-20110519_0000052	TK.2601.00.HN.EMSC-20110519_0000052.h5	100	5.8	146.8
EMSC-20110519_0000052	TK.2602.00.HN.EMSC-20110519_0000052.h5	100	5.8	143.1
EMSC-20110519_0000052	TK.2603.00.HN.EMSC-20110519_0000052.h5	100	5.8	145.4
EMSC-20110519_0000052	TK.2604.00.HN.EMSC-20110519_0000052.h5	100	5.8	143.2
EMSC-20110519_0000052	TK.2605.00.HN.EMSC-20110519_0000052.h5	100	5.8	142.2
EMSC-20110519_0000052	TK.2606.00.HN.EMSC-20110519_0000052.h5	100	5.8	139.9
EMSC-20110519_0000052	TK.2607.00.HN.EMSC-20110519_0000052.h5	100	5.8	120.1
EMSC-20110519_0000052	TK.2608.00.HN.EMSC-20110519_0000052.h5	100	5.8	187.3
EMSC-20110519_0000052	TK.2610.00.HN.EMSC-20110519_0000052.h5	100	5.8	139.5
EMSC-20110519_0000052	TK.2611.00.HN.EMSC-20110519_0000052.h5	100	5.8	139.1
EMSC-20110519_0000052	TK.2613.00.HN.EMSC-20110519_0000052.h5	100	5.8	146.5
EMSC-20110519_0000052	TK.2614.00.HN.EMSC-20110519_0000052.h5	100	5.8	145.5
EMSC-20110519_0000052	TK.2615.00.HN.EMSC-20110519_0000052.h5	100	5.8	152.2
EMSC-20110519_0000052	TK.2616.00.HN.EMSC-20110519_0000052.h5	100	5.8	148
EMSC-20110519_0000052	TK.3202.00.HN.EMSC-20110519_0000052.h5	100	5.8	198.2
EMSC-20110519_0000052	TK.3405.00.HN.EMSC-20110519_0000052.h5	100	5.8	198.2
EMSC-20110519_0000052	TK.3503.00.HN.EMSC-20110519_0000052.h5	100	5.8	188.8
EMSC-20110519_0000052	TK.3506.00.HN.EMSC-20110519_0000052.h5	100	5.8	191
EMSC-20110519_0000052	TK.3510.00.HN.EMSC-20110519_0000052.h5	100	5.8	194.1
EMSC-20110519_0000052	TK.3511.00.HN.EMSC-20110519_0000052.h5	100	5.8	176.6
EMSC-20110519_0000052	TK.3512.00.HN.EMSC-20110519_0000052.h5	100	5.8	185.4
EMSC-20110519_0000052	TK.3514.00.HN.EMSC-20110519_0000052.h5	100	5.8	182.1
EMSC-20110519_0000052	TK.3515.00.HN.EMSC-20110519_0000052.h5	100	5.8	187.3
EMSC-20110519_0000052	TK.3517.00.HN.EMSC-20110519_0000052.h5	100	5.8	183.2
EMSC-20110519_0000052	TK.3518.00.HN.EMSC-20110519_0000052.h5	100	5.8	184.7
EMSC-20110519_0000052	TK.3519.00.HN.EMSC-20110519_0000052.h5	100	5.8	186.2
EMSC-20110519_0000052	TK.3520.00.HN.EMSC-20110519_0000052.h5	100	5.8	177.3
EMSC-20110519_0000052	TK.3521.00.HN.EMSC-20110519_0000052.h5	100	5.8	188.9
EMSC-20110519_0000052	TK.3522.00.HN.EMSC-20110519_0000052.h5	100	5.8	180.8
EMSC-20110519_0000052	TK.3524.00.HN.EMSC-20110519_0000052.h5	100	5.8	185.2
EMSC-20110519_0000052	TK.3525.00.HN.EMSC-20110519_0000052.h5	100	5.8	190.8
EMSC-20110519_0000052	TK.3530.00.HN.EMSC-20110519_0000052.h5	100	5.8	177
EMSC-20110519_0000052	TK.4104.00.HN.EMSC-20110519_0000052.h5	100	5.8	188.4
EMSC-20110519_0000052	TK.4105.00.HN.EMSC-20110519_0000052.h5	100	5.8	187.4
EMSC-20110519_0000052	TK.4106.00.HN.EMSC-20110519_0000052.h5	100	5.8	187

EMSC-20110519_0000052	TK.4107.00.HN.EMSC-20110519_0000052.h5	100	5.8	196.7
EMSC-20110519_0000052	TK.4108.00.HN.EMSC-20110519_0000052.h5	100	5.8	195.6
EMSC-20110519_0000052	TK.4111.00.HN.EMSC-20110519_0000052.h5	100	5.8	178.4
EMSC-20110519_0000052	TK.4113.00.HN.EMSC-20110519_0000052.h5	100	5.8	191.7
EMSC-20110519_0000052	TK.4115.00.HN.EMSC-20110519_0000052.h5	100	5.8	189.4
EMSC-20110519_0000052	TK.4116.00.HN.EMSC-20110519_0000052.h5	100	5.8	189.4
EMSC-20110519_0000052	TK.4301.00.HN.EMSC-20110519_0000052.h5	100	5.8	86.2
EMSC-20110519_0000052	TK.4304.00.HN.EMSC-20110519_0000052.h5	100	5.8	32.2
EMSC-20110519_0000052	TK.4306.00.HN.EMSC-20110519_0000052.h5	100	5.8	27.8
EMSC-20110519_0000052	TK.4501.00.HN.EMSC-20110519_0000052.h5	100	5.8	157.3
EMSC-20110519_0000052	TK.4502.00.HN.EMSC-20110519_0000052.h5	100	5.8	110.6
EMSC-20110519_0000052	TK.4504.00.HN.EMSC-20110519_0000052.h5	100	5.8	37.9
EMSC-20110519_0000052	TK.4506.00.HN.EMSC-20110519_0000052.h5	100	5.8	109
EMSC-20110519_0000052	TK.6401.00.HN.EMSC-20110519_0000052.h5	100	5.8	58.4
EMSC-20110519_0000052	TK.7701.00.HN.EMSC-20110519_0000052.h5	100	5.8	160.8
EMSC-20110519_0000052	TK.7702.00.HN.EMSC-20110519_0000052.h5	100	5.8	163.2
EMSC-20110519_0000060	KO.GONE..HN.EMSC-20110519_0000060.h5	100	4.3	156.4
EMSC-20110519_0000060	TK.1613.00.HN.EMSC-20110519_0000060.h5	100	4.3	91.3
EMSC-20110519_0000060	TK.2603.00.HN.EMSC-20110519_0000060.h5	100	4.3	148.8
EMSC-20110519_0000060	TK.2605.00.HN.EMSC-20110519_0000060.h5	100	4.3	145.5
EMSC-20110519_0000060	TK.2606.00.HN.EMSC-20110519_0000060.h5	100	4.3	143.2
EMSC-20110519_0000060	TK.2615.00.HN.EMSC-20110519_0000060.h5	100	4.3	155.5
EMSC-20110519_0000060	TK.2616.00.HN.EMSC-20110519_0000060.h5	100	4.3	151.3
EMSC-20110519_0000060	TK.4301.00.HN.EMSC-20110519_0000060.h5	100	4.3	89.4
EMSC-20110519_0000060	TK.4304.00.HN.EMSC-20110519_0000060.h5	100	4.3	33.4
EMSC-20110519_0000060	TK.4306.00.HN.EMSC-20110519_0000060.h5	100	4.3	31.2
EMSC-20110519_0000060	TK.4504.00.HN.EMSC-20110519_0000060.h5	100	4.3	35
EMSC-20110519_0000062	KO.GONE..HN.EMSC-20110519_0000062.h5	100	4.1	156.1
EMSC-20110519_0000063	KO.GONE..HN.EMSC-20110519_0000063.h5	100	4.1	159.3
EMSC-20110519_0000063	TK.4304.00.HN.EMSC-20110519_0000063.h5	100	4.1	29
EMSC-20110519_0000063	TK.4306.00.HN.EMSC-20110519_0000063.h5	100	4.1	25.3
EMSC-20110519_0000063	TK.4504.00.HN.EMSC-20110519_0000063.h5	100	4.1	41.9
EMSC-20110519_0000066	KO.GONE..HN.EMSC-20110519_0000066.h5	100	4.2	145.4
EMSC-20110519_0000066	TK.4504.00.HN.EMSC-20110519_0000066.h5	100	4.2	14.1
EMSC-20110519_0000072	KO.GONE..HN.EMSC-20110519_0000072.h5	100	4	151.2
EMSC-20110520_0000008	KO.GONE..HN.EMSC-20110520_0000008.h5	100	4.1	159.5
EMSC-20110520_0000010	KO.GONE..HN.EMSC-20110520_0000010.h5	100	4.3	159
EMSC-20110520_0000010	TK.1613.00.HN.EMSC-20110520_0000010.h5	100	4.3	90.6
EMSC-20110520_0000010	TK.2605.00.HN.EMSC-20110520_0000010.h5	100	4.3	142.4
EMSC-20110520_0000010	TK.2606.00.HN.EMSC-20110520_0000010.h5	100	4.3	140.1
EMSC-20110520_0000010	TK.4301.00.HN.EMSC-20110520_0000010.h5	100	4.3	86.2
EMSC-20110520_0000010	TK.4304.00.HN.EMSC-20110520_0000010.h5	100	4.3	30.2
EMSC-20110520_0000010	TK.4305.00.HN.EMSC-20110520_0000010.h5	100	4.3	9.1

EMSC-20110520_0000010	TK.4306.00.HN.EMSC-20110520_0000010.h5	100	4.3	29.2
EMSC-20110520_0000010	TK.4504.00.HN.EMSC-20110520_0000010.h5	100	4.3	38.4
EMSC-20110520_0000029	KO.GONE..HN.EMSC-20110520_0000029.h5	100	4	152.1
EMSC-20110520_0000046	KO.GONE..HN.EMSC-20110520_0000046.h5	100	4.2	160.9
EMSC-20110521_0000135	TK.4305.00.HN.EMSC-20110521_0000135.h5	100	4	6.4
EMSC-20110522_0000095	GE.KARP..HN.EMSC-20110522_0000095.h5	100	4	122.3
EMSC-20110524_0000011	KO.GONE..HN.EMSC-20110524_0000011.h5	100	4.1	153.2
EMSC-20110524_0000011	TK.4305.00.HN.EMSC-20110524_0000011.h5	100	4.1	3.9
EMSC-20110527_0000022	KO.GONE..HN.EMSC-20110527_0000022.h5	100	4.4	157.9
EMSC-20110527_0000022	TK.4305.00.HN.EMSC-20110527_0000022.h5	100	4.4	9.9
EMSC-20110527_0000067	HL.IACM..HN.EMSC-20110527_0000067.h5	100	4.3	153.7
EMSC-20110528_0000020	TK.1003.00.HN.EMSC-20110528_0000020.h5	100	4.8	113.6
EMSC-20110528_0000020	TK.1009..HN.EMSC-20110528_0000020.h5	100	4.8	58.5
EMSC-20110528_0000020	TK.1101.00.HN.EMSC-20110528_0000020.h5	100	4.8	140.1
EMSC-20110528_0000020	TK.1607.00.HN.EMSC-20110528_0000020.h5	100	4.8	140.4
EMSC-20110528_0000020	TK.1613.00.HN.EMSC-20110528_0000020.h5	100	4.8	89.2
EMSC-20110528_0000020	TK.1614.00.HN.EMSC-20110528_0000020.h5	100	4.8	112.7
EMSC-20110528_0000020	TK.1618.00.HN.EMSC-20110528_0000020.h5	100	4.8	135.4
EMSC-20110528_0000020	TK.2009.00.HN.EMSC-20110528_0000020.h5	100	4.8	135.4
EMSC-20110528_0000020	TK.4301.00.HN.EMSC-20110528_0000020.h5	100	4.8	92
EMSC-20110528_0000020	TK.4304.00.HN.EMSC-20110528_0000020.h5	100	4.8	38.3
EMSC-20110528_0000020	TK.4305.00.HN.EMSC-20110528_0000020.h5	100	4.8	4.7
EMSC-20110528_0000020	TK.4306.00.HN.EMSC-20110528_0000020.h5	100	4.8	31.5
EMSC-20110528_0000020	TK.4504.00.HN.EMSC-20110528_0000020.h5	100	4.8	31.9
EMSC-20110528_0000020	TK.6401.00.HN.EMSC-20110528_0000020.h5	100	4.8	62.3
EMSC-20110530_0000114	KO.GONE..HN.EMSC-20110530_0000114.h5	100	4	156.2
EMSC-20110530_0000114	TK.4305.00.HN.EMSC-20110530_0000114.h5	100	4	6.8
EMSC-20110605_0000051	KO.GONE..HN.EMSC-20110605_0000051.h5	100	4	156.6
EMSC-20110605_0000051	TK.4305.00.HN.EMSC-20110605_0000051.h5	100	4	11.5
EMSC-20110609_0000014	GE.KARP..HN.EMSC-20110609_0000014.h5	100	4.4	197.5
EMSC-20110609_0000014	HL.KARP..HN.EMSC-20110609_0000014.h5	100	4.4	197.5
EMSC-20110614_0000019	EU.VRI.00.HN.EMSC-20110614_0000019.h5	100	3.7	25
EMSC-20110614_0000019	RO.GHRR..HN.EMSC-20110614_0000019.h5	100	3.7	79.5
EMSC-20110614_0000019	RO.HUMR..HN.EMSC-20110614_0000019.h5	100	3.7	177.6
EMSC-20110614_0000019	RO.ISR.00.HN.EMSC-20110614_0000019.h5	100	3.7	63.1
EMSC-20110614_0000019	RO.MLR..HN.EMSC-20110614_0000019.h5	100	3.7	50.9
EMSC-20110614_0000019	RO.PETR..HN.EMSC-20110614_0000019.h5	100	3.7	54.4
EMSC-20110614_0000019	RO.PLOR..HN.EMSC-20110614_0000019.h5	100	3.7	20.4
EMSC-20110614_0000019	RO.PLOR1..HN.EMSC-20110614_0000019.h5	100	3.7	20.4
EMSC-20110614_0000019	RO.PLOR4..HN.EMSC-20110614_0000019.h5	100	3.7	20.4
EMSC-20110614_0000053	GE.KARP..HN.EMSC-20110614_0000053.h5	100	4.6	195
EMSC-20110614_0000053	HL.KARP..HN.EMSC-20110614_0000053.h5	100	4.6	195
EMSC-20110615_0000042	KO.FETI..HN.EMSC-20110615_0000042.h5	100	4	23.3

EMSC-20110617_0000020	MN.BLY..HL.EMSC-20110617_0000020.h5	100	4.2	119.8
EMSC-20110618_0000033	GE.KARP..HN.EMSC-20110618_0000033.h5	100	4.4	58.8
EMSC-20110618_0000033	HL.KARP..HN.EMSC-20110618_0000033.h5	100	4.4	58.8
EMSC-20110618_0000033	KO.YKAV..HN.EMSC-20110618_0000033.h5	100	4.4	198.9
EMSC-20110620_0000032	IU.LVC.20.HN.EMSC-20110620_0000032.h5	100	6.4	123.1
EMSC-20110624_0000038	EU.VRI.00.HN.EMSC-20110624_0000038.h5	100	4.4	180.8
EMSC-20110624_0000038	RO.BAC..HN.EMSC-20110624_0000038.h5	100	4.4	121.5
EMSC-20110624_0000038	RO.BMR..HN.EMSC-20110624_0000038.h5	100	4.4	178.9
EMSC-20110624_0000038	RO.BUR01..HN.EMSC-20110624_0000038.h5	100	4.4	53.6
EMSC-20110624_0000038	RO.CJR..HN.EMSC-20110624_0000038.h5	100	4.4	184.7
EMSC-20110624_0000038	RO.GHRR..HN.EMSC-20110624_0000038.h5	100	4.4	189.1
EMSC-20110624_0000038	RO.PLOR..HN.EMSC-20110624_0000038.h5	100	4.4	180.2
EMSC-20110624_0000038	RO.PLOR1..HN.EMSC-20110624_0000038.h5	100	4.4	180
EMSC-20110624_0000038	RO.PLOR4..HN.EMSC-20110624_0000038.h5	100	4.4	180.2
EMSC-20110627_0000061	KO.GONE..HN.EMSC-20110627_0000061.h5	100	4.7	153.8
EMSC-20110627_0000061	TK.1003.00.HN.EMSC-20110627_0000061.h5	100	4.7	116.4
EMSC-20110627_0000061	TK.1009..HN.EMSC-20110627_0000061.h5	100	4.7	60.1
EMSC-20110627_0000061	TK.1613.00.HN.EMSC-20110627_0000061.h5	100	4.7	88
EMSC-20110627_0000061	TK.1618.00.HN.EMSC-20110627_0000061.h5	100	4.7	135.1
EMSC-20110627_0000061	TK.2605.00.HN.EMSC-20110627_0000061.h5	100	4.7	144.3
EMSC-20110627_0000061	TK.2606.00.HN.EMSC-20110627_0000061.h5	100	4.7	141.9
EMSC-20110627_0000061	TK.2616.00.HN.EMSC-20110627_0000061.h5	100	4.7	150.2
EMSC-20110627_0000061	TK.4301.00.HN.EMSC-20110627_0000061.h5	100	4.7	88.5
EMSC-20110627_0000061	TK.4304.00.HN.EMSC-20110627_0000061.h5	100	4.7	35.2
EMSC-20110627_0000061	TK.4305.00.HN.EMSC-20110627_0000061.h5	100	4.7	7
EMSC-20110627_0000061	TK.4306.00.HN.EMSC-20110627_0000061.h5	100	4.7	28.7
EMSC-20110627_0000061	TK.4503.00.HN.EMSC-20110627_0000061.h5	100	4.7	97.9
EMSC-20110627_0000061	TK.4504.00.HN.EMSC-20110627_0000061.h5	100	4.7	35.5
EMSC-20110627_0000061	TK.6401.00.HN.EMSC-20110627_0000061.h5	100	4.7	60.7
EMSC-20110627_0000063	KO.GONE..HN.EMSC-20110627_0000063.h5	100	4	159.8
EMSC-20110627_0000063	TK.4304.00.HN.EMSC-20110627_0000063.h5	100	4	31.3
EMSC-20110627_0000063	TK.4305.00.HN.EMSC-20110627_0000063.h5	100	4	6.9
EMSC-20110627_0000063	TK.4306.00.HN.EMSC-20110627_0000063.h5	100	4	34.1
EMSC-20110629_0000017	G.PEL.00.HN.EMSC-20110629_0000017.h5	100	5.5	176.4
EMSC-20110629_0000040	KO.GONE..HN.EMSC-20110629_0000040.h5	100	4	151.5
EMSC-20110629_0000040	TK.4305.00.HN.EMSC-20110629_0000040.h5	100	4	4.9
EMSC-20110701_0000001	HL.IACM..HN.EMSC-20110701_0000001.h5	100	4.5	124.2
EMSC-20110702_0000014	MN.PDG..HL.EMSC-20110702_0000014.h5	100	3.8	173.8
EMSC-20110702_0000061	GE.KARP..HN.EMSC-20110702_0000061.h5	100	4.6	120.8
EMSC-20110702_0000061	HL.IACM..HN.EMSC-20110702_0000061.h5	100	4.6	195.5
EMSC-20110702_0000061	HL.KARP..HN.EMSC-20110702_0000061.h5	100	4.6	120.8
EMSC-20110702_0000061	KO.YKAV..HN.EMSC-20110702_0000061.h5	100	4.6	87.8
EMSC-20110703_0000009	CU.TGUH.20.HN.EMSC-20110703_0000009.h5	100	5.7	195.2

EMSC-20110703_0000034	TK.4304.00.HN.EMSC-20110703_0000034.h5	100	4.1	36.5
EMSC-20110703_0000034	TK.4305.00.HN.EMSC-20110703_0000034.h5	100	4.1	3
EMSC-20110710_0000060	WM.CART..HL.EMSC-20110710_0000060.h5	100	4.4	85.8
EMSC-20110711_0000044	KO.GONE..HN.EMSC-20110711_0000044.h5	100	4.7	194.3
EMSC-20110711_0000044	TK.1101.00.HN.EMSC-20110711_0000044.h5	100	4.7	4.7
EMSC-20110713_0000001	KO.GONE..HN.EMSC-20110713_0000001.h5	100	4.1	153
EMSC-20110713_0000001	TK.4305.00.HN.EMSC-20110713_0000001.h5	100	4.1	6.8
EMSC-20110714_0000057	MN.PDG..HL.EMSC-20110714_0000057.h5	100	4.1	154.3
EMSC-20110716_0000002	G.PEL.00.HN.EMSC-20110716_0000002.h5	100	6	131.1
EMSC-20110716_0000030	RO.MDVR..HN.EMSC-20110716_0000030.h5	100	4.2	171.3
EMSC-20110717_0000040	KO.GONE..HN.EMSC-20110717_0000040.h5	100	4.1	157.3
EMSC-20110717_0000040	TK.4305.00.HN.EMSC-20110717_0000040.h5	100	4.1	11
EMSC-20110720_0000056	GE.KARP..HN.EMSC-20110720_0000056.h5	100	3.8	66.7
EMSC-20110725_0000047	KO.GONE..HN.EMSC-20110725_0000047.h5	100	5.1	86.5
EMSC-20110725_0000047	TK.1003.00.HN.EMSC-20110725_0000047.h5	100	5.1	130.2
EMSC-20110725_0000047	TK.1006.00.HN.EMSC-20110725_0000047.h5	100	5.1	58.6
EMSC-20110725_0000047	TK.1009..HN.EMSC-20110725_0000047.h5	100	5.1	157.6
EMSC-20110725_0000047	TK.1014.00.HN.EMSC-20110725_0000047.h5	100	5.1	79.4
EMSC-20110725_0000047	TK.1603.00.HN.EMSC-20110725_0000047.h5	100	5.1	137.1
EMSC-20110725_0000047	TK.1605.00.HN.EMSC-20110725_0000047.h5	100	5.1	129.6
EMSC-20110725_0000047	TK.1606.00.HN.EMSC-20110725_0000047.h5	100	5.1	127.1
EMSC-20110725_0000047	TK.1609.00.HN.EMSC-20110725_0000047.h5	100	5.1	128
EMSC-20110725_0000047	TK.1613.00.HN.EMSC-20110725_0000047.h5	100	5.1	161.6
EMSC-20110725_0000047	TK.1614.00.HN.EMSC-20110725_0000047.h5	100	5.1	103.4
EMSC-20110725_0000047	TK.1617.00.HN.EMSC-20110725_0000047.h5	100	5.1	136.3
EMSC-20110725_0000047	TK.1618.00.HN.EMSC-20110725_0000047.h5	100	5.1	112.9
EMSC-20110725_0000047	TK.1701.00.HN.EMSC-20110725_0000047.h5	100	5.1	137.2
EMSC-20110725_0000047	TK.2202..HN.EMSC-20110725_0000047.h5	100	5.1	135.3
EMSC-20110725_0000047	TK.3406.00.HN.EMSC-20110725_0000047.h5	100	5.1	120.9
EMSC-20110725_0000047	TK.3407.00.HN.EMSC-20110725_0000047.h5	100	5.1	109.4
EMSC-20110725_0000047	TK.3408.00.HN.EMSC-20110725_0000047.h5	100	5.1	51
EMSC-20110725_0000047	TK.3409.00.HN.EMSC-20110725_0000047.h5	100	5.1	88.1
EMSC-20110725_0000047	TK.3410.00.HN.EMSC-20110725_0000047.h5	100	5.1	161.2
EMSC-20110725_0000047	TK.3901.00.HN.EMSC-20110725_0000047.h5	100	5.1	110.8
EMSC-20110725_0000047	TK.4102.00.HN.EMSC-20110725_0000047.h5	100	5.1	191.8
EMSC-20110725_0000047	TK.4105.00.HN.EMSC-20110725_0000047.h5	100	5.1	187.6
EMSC-20110725_0000047	TK.4106.00.HN.EMSC-20110725_0000047.h5	100	5.1	143.7
EMSC-20110725_0000047	TK.4107.00.HN.EMSC-20110725_0000047.h5	100	5.1	197.2
EMSC-20110725_0000047	TK.4108.00.HN.EMSC-20110725_0000047.h5	100	5.1	184.3
EMSC-20110725_0000047	TK.4111.00.HN.EMSC-20110725_0000047.h5	100	5.1	156.3
EMSC-20110725_0000047	TK.4113.00.HN.EMSC-20110725_0000047.h5	100	5.1	167.7
EMSC-20110725_0000047	TK.4114.00.HN.EMSC-20110725_0000047.h5	100	5.1	140.1
EMSC-20110725_0000047	TK.4116.00.HN.EMSC-20110725_0000047.h5	100	5.1	179.2

EMSC-20110725_0000047	TK.5902.00.HN.EMSC-20110725_0000047.h5	100	5.1	26.1
EMSC-20110725_0000047	TK.5905.00.HN.EMSC-20110725_0000047.h5	100	5.1	24.3
EMSC-20110727_0000037	IU.ANTO.20.HN.EMSC-20110727_0000037.h5	100	4.9	191
EMSC-20110727_0000037	TK.0309.00.HN.EMSC-20110727_0000037.h5	100	4.9	60.4
EMSC-20110728_0000038	GE.KARP..HN.EMSC-20110728_0000038.h5	100	4	77.4
EMSC-20110728_0000038	HL.KARP..HN.EMSC-20110728_0000038.h5	100	4	77.4
EMSC-20110801_0000064	GE.KARP..HN.EMSC-20110801_0000064.h5	100	3.7	8.2
EMSC-20110801_0000064	HL.KARP..HN.EMSC-20110801_0000064.h5	100	3.7	8.2
EMSC-20110802_0000066	G.ATD.00.HN.EMSC-20110802_0000066.h5	100	5	173.6
EMSC-20110803_0000002	G.SSB.00.HN.EMSC-20110803_0000002.h5	100	4.2	106.6
EMSC-20110807_0000012	CU.BBGH.20.HN.EMSC-20110807_0000012.h5	100	5.2	115.9
EMSC-20110810_0000003	EU.VRI.00.HN.EMSC-20110810_0000003.h5	100	3.4	16.8
EMSC-20110810_0000003	GE.TIRR..HN.EMSC-20110810_0000003.h5	100	3.4	198.3
EMSC-20110810_0000003	RO.PLOR..HN.EMSC-20110810_0000003.h5	100	3.4	13.8
EMSC-20110810_0000003	RO.PLOR1..HN.EMSC-20110810_0000003.h5	100	3.4	13.9
EMSC-20110810_0000003	RO.PLOR4..HN.EMSC-20110810_0000003.h5	100	3.4	13.8
EMSC-20110810_0000003	RO.GHRR..HN.EMSC-20110810_0000003.h5	100	3.4	70.2
EMSC-20110810_0000003	RO.MLR..HN.EMSC-20110810_0000003.h5	100	3.4	60.3
EMSC-20110815_0000038	MN.BLY..HL.EMSC-20110815_0000038.h5	100	3.7	198
EMSC-20110815_0000038	MN.PDG..HL.EMSC-20110815_0000038.h5	100	3.7	135.9
EMSC-20110815_0000051	RO.CNCR..HN.EMSC-20110815_0000051.h5	100	3.8	132.6
EMSC-20110815_0000051	RO.GHRR..HN.EMSC-20110815_0000051.h5	100	3.8	91.3
EMSC-20110815_0000051	RO.MLR..HN.EMSC-20110815_0000051.h5	100	3.8	39.2
EMSC-20110815_0000051	RO.PLOR..HN.EMSC-20110815_0000051.h5	100	3.8	30.9
EMSC-20110815_0000051	RO.PLOR1..HN.EMSC-20110815_0000051.h5	100	3.8	30.8
EMSC-20110815_0000051	RO.PLOR4..HN.EMSC-20110815_0000051.h5	100	3.8	30.9
EMSC-20110815_0000051	RO.SULR..HN.EMSC-20110815_0000051.h5	100	3.8	106.8
EMSC-20110816_0000045	KO.GONE..HN.EMSC-20110816_0000045.h5	100	4	111.4
EMSC-20110816_0000045	TK.1606.00.HN.EMSC-20110816_0000045.h5	100	4	22.8
EMSC-20110816_0000045	TK.1607.00.HN.EMSC-20110816_0000045.h5	100	4	19.5
EMSC-20110816_0000045	TK.1609.00.HN.EMSC-20110816_0000045.h5	100	4	24.3
EMSC-20110816_0000045	TK.1618.00.HN.EMSC-20110816_0000045.h5	100	4	12.1
EMSC-20110820_0000022	MN.BLY..HL.EMSC-20110820_0000022.h5	100	4.1	154
EMSC-20110820_0000022	MN.PDG..HL.EMSC-20110820_0000022.h5	100	4.1	175.1
EMSC-20110825_0000014	KO.GONE..HN.EMSC-20110825_0000014.h5	100	3.8	153.7
EMSC-20110825_0000014	TK.4305.00.HN.EMSC-20110825_0000014.h5	100	3.8	14.9
EMSC-20110825_0000072	CZ.NKC..HN.EMSC-20110825_0000072.h5	100	4	10.4
EMSC-20110826_0000041	IU.GUMO.20.HN.EMSC-20110826_0000041.h5	100	5	36.5
EMSC-20110828_0000017	G.PEL.00.HN.EMSC-20110828_0000017.h5	100	5.3	151.8
EMSC-20110902_0000082	CZ.NKC..HN.EMSC-20110902_0000082.h5	100	4.1	8.3
EMSC-20110903_0000001	CZ.NKC..HN.EMSC-20110903_0000001.h5	100	4	7.6
EMSC-20110907_0000028	G.PEL.00.HN.EMSC-20110907_0000028.h5	100	5.2	140.4
EMSC-20110908_0000025	EU.VRI.00.HN.EMSC-20110908_0000025.h5	100	4.1	29.3

EMSC-20110908_0000025	RO.CFR.00.HN.EMSC-20110908_0000025.h5	100	4.1	134.1
EMSC-20110908_0000025	RO.GHRR..HN.EMSC-20110908_0000025.h5	100	4.1	81.9
EMSC-20110908_0000025	RO.HUMR..HN.EMSC-20110908_0000025.h5	100	4.1	174.2
EMSC-20110908_0000025	RO.IAS..HN.EMSC-20110908_0000025.h5	100	4.1	189.8
EMSC-20110908_0000025	RO.ISR.00.HN.EMSC-20110908_0000025.h5	100	4.1	57.2
EMSC-20110908_0000025	RO.MLR..HN.EMSC-20110908_0000025.h5	100	4.1	49.8
EMSC-20110908_0000025	RO.PETR..HN.EMSC-20110908_0000025.h5	100	4.1	54
EMSC-20110908_0000025	RO.PLOR..HN.EMSC-20110908_0000025.h5	100	4.1	25.5
EMSC-20110908_0000025	RO.PLOR1..HN.EMSC-20110908_0000025.h5	100	4.1	25.5
EMSC-20110908_0000025	RO.PLOR4..HN.EMSC-20110908_0000025.h5	100	4.1	25.5
EMSC-20110908_0000025	RO.SULR..HN.EMSC-20110908_0000025.h5	100	4.1	108.7
EMSC-20110908_0000025	RO.VOIR..HN.EMSC-20110908_0000025.h5	100	4.1	119.2
EMSC-20110909_0000015	IU.LVC.20.HN.EMSC-20110909_0000015.h5	100	5.4	21
EMSC-20110910_0000003	GE.KARP..HN.EMSC-20110910_0000003.h5	100	4.6	153.1
EMSC-20110910_0000003	HL.KARP..HN.EMSC-20110910_0000003.h5	100	4.6	153.1
EMSC-20110910_0000021	GE.KARP..HN.EMSC-20110910_0000021.h5	100	4.3	153.9
EMSC-20110910_0000021	HL.KARP..HN.EMSC-20110910_0000021.h5	100	4.3	153.9
EMSC-20110912_0000020	RO.CNCR..HN.EMSC-20110912_0000020.h5	100	3.9	122.1
EMSC-20110912_0000020	RO.GHRR..HN.EMSC-20110912_0000020.h5	100	3.9	99.3
EMSC-20110912_0000020	RO.MLR..HN.EMSC-20110912_0000020.h5	100	3.9	33.6
EMSC-20110912_0000020	RO.PLOR..HN.EMSC-20110912_0000020.h5	100	3.9	40.9
EMSC-20110912_0000020	RO.PLOR1..HN.EMSC-20110912_0000020.h5	100	3.9	40.8
EMSC-20110912_0000020	RO.PLOR4..HN.EMSC-20110912_0000020.h5	100	3.9	40.9
EMSC-20110913_0000057	HL.IACM..HN.EMSC-20110913_0000057.h5	100	5.2	164
EMSC-20110914_0000017	G.PEL.00.HN.EMSC-20110914_0000017.h5	100	5.8	116.1
EMSC-20110915_0000035	GE.KARP..HN.EMSC-20110915_0000035.h5	100	4.5	134.1
EMSC-20110915_0000035	HL.IACM..HN.EMSC-20110915_0000035.h5	100	4.5	78.4
EMSC-20110915_0000035	HL.KARP..HN.EMSC-20110915_0000035.h5	100	4.5	134.1
EMSC-20110916_0000008	RO.GHRR..HN.EMSC-20110916_0000008.h5	100	4.1	86.9
EMSC-20110916_0000030	RM.SZP..HN.EMSC-20110916_0000030.h5	100	5	136.9
EMSC-20110925_0000028	MN.PDG..HL.EMSC-20110925_0000028.h5	100	4	65.1
EMSC-20110927_0000022	IU.GNI.20.HN.EMSC-20110927_0000022.h5	100	4.2	141.5
EMSC-20110927_0000034	HL.IACM..HN.EMSC-20110927_0000034.h5	100	5.3	164.2
EMSC-20111004_0000009	EU.VRI.00.HN.EMSC-20111004_0000009.h5	100	4.1	38.4
EMSC-20111004_0000009	GE.TIRR..HN.EMSC-20111004_0000009.h5	100	4.1	198
EMSC-20111004_0000009	RO.ARR..HN.EMSC-20111004_0000009.h5	100	4.1	144.6
EMSC-20111004_0000009	RO.BUC1.00.HN.EMSC-20111004_0000009.h5	100	4.1	140.7
EMSC-20111004_0000009	RO.CFR.00.HN.EMSC-20111004_0000009.h5	100	4.1	138.7
EMSC-20111004_0000009	RO.CNCR..HN.EMSC-20111004_0000009.h5	100	4.1	126.8
EMSC-20111004_0000009	RO.CVD1..HN.EMSC-20111004_0000009.h5	100	4.1	188.4
EMSC-20111004_0000009	RO.GHRR..HN.EMSC-20111004_0000009.h5	100	4.1	91.4
EMSC-20111004_0000009	RO.HUMR..HN.EMSC-20111004_0000009.h5	100	4.1	164.7
EMSC-20111004_0000009	RO.IAS..HN.EMSC-20111004_0000009.h5	100	4.1	198.5

EMSC-20111004_0000009	RO.ISR.00.HN.EMSC-20111004_0000009.h5	100	4.1	51.3
EMSC-20111004_0000009	RO.LEOM..HN.EMSC-20111004_0000009.h5	100	4.1	170.7
EMSC-20111004_0000009	RO.MLR..HN.EMSC-20111004_0000009.h5	100	4.1	41.2
EMSC-20111004_0000009	RO.PETR..HN.EMSC-20111004_0000009.h5	100	4.1	62.4
EMSC-20111004_0000009	RO.PLOR..HN.EMSC-20111004_0000009.h5	100	4.1	34
EMSC-20111004_0000009	RO.PLOR1..HN.EMSC-20111004_0000009.h5	100	4.1	34
EMSC-20111004_0000009	RO.PLOR4..HN.EMSC-20111004_0000009.h5	100	4.1	34
EMSC-20111004_0000009	RO.SULR..HN.EMSC-20111004_0000009.h5	100	4.1	101.2
EMSC-20111004_0000009	RO.TLB..HN.EMSC-20111004_0000009.h5	100	4.1	166.3
EMSC-20111004_0000009	RO.VOIR..HN.EMSC-20111004_0000009.h5	100	4.1	111.1
EMSC-20111005_0000060	HL.IACM..HN.EMSC-20111005_0000060.h5	100	4.3	176.9
EMSC-20111011_0000062	RO.CFR.00.HN.EMSC-20111011_0000062.h5	100	3.8	177.1
EMSC-20111011_0000062	RO.MANR.00.HN.EMSC-20111011_0000062.h5	100	3.8	25.1
EMSC-20111013_0000043	RO.GHRR..HN.EMSC-20111013_0000043.h5	100	4.2	92.6
EMSC-20111013_0000043	RO.MLR..HN.EMSC-20111013_0000043.h5	100	4.2	39.2
EMSC-20111013_0000043	RO.PLOR..HN.EMSC-20111013_0000043.h5	100	4.2	34
EMSC-20111013_0000043	RO.PLOR1..HN.EMSC-20111013_0000043.h5	100	4.2	34
EMSC-20111013_0000043	RO.PLOR4..HN.EMSC-20111013_0000043.h5	100	4.2	34
EMSC-20111013_0000043	RO.SULR..HN.EMSC-20111013_0000043.h5	100	4.2	102.1
EMSC-20111014_0000018	IU.GNI.20.HN.EMSC-20111014_0000018.h5	100	3.6	16.4
EMSC-20111023_0000031	IU.GNI.20.HN.EMSC-20111023_0000031.h5	100	7.1	192.9
EMSC-20111023_0000031	TK.0401.00.HN.EMSC-20111023_0000031.h5	100	7.1	116.1
EMSC-20111023_0000031	TK.1302.00.HN.EMSC-20111023_0000031.h5	100	7.1	115.7
EMSC-20111023_0000031	TK.4901.00.HN.EMSC-20111023_0000031.h5	100	7.1	168.9
EMSC-20111023_0000031	TK.5601.00.HN.EMSC-20111023_0000031.h5	100	7.1	160.6
EMSC-20111023_0000033	TK.1302.00.HN.EMSC-20111023_0000033.h5	100	5.6	107.2
EMSC-20111023_0000036	TK.1302.00.HN.EMSC-20111023_0000036.h5	100	5.6	115.2
EMSC-20111023_0000036	TK.5601.00.HN.EMSC-20111023_0000036.h5	100	5.6	162.1
EMSC-20111023_0000172	TK.1301.00.HN.EMSC-20111023_0000172.h5	100	6	73.5
EMSC-20111023_0000172	TK.1302.00.HN.EMSC-20111023_0000172.h5	100	6	84.4
EMSC-20111023_0000172	TK.5601.00.HN.EMSC-20111023_0000172.h5	100	6	128.1
EMSC-20111023_0000172	TK.7201.00.HN.EMSC-20111023_0000172.h5	100	6	189.6
EMSC-20111023_0000185	IU.GNI.20.HN.EMSC-20111023_0000185.h5	100	4.8	198.2
EMSC-20111023_0000187	IU.GNI.20.HN.EMSC-20111023_0000187.h5	100	4.6	192.6
EMSC-20111023_0000198	TK.1302.00.HN.EMSC-20111023_0000198.h5	100	5.1	89.1
EMSC-20111023_0000226	IU.GNI.20.HN.EMSC-20111023_0000226.h5	100	4.6	187.5
EMSC-20111023_0000559	IU.GNI.20.HN.EMSC-20111023_0000559.h5	100	4.9	195.3
EMSC-20111024_0000024	IU.GNI.20.HN.EMSC-20111024_0000024.h5	100	4.4	187.9
EMSC-20111024_0000029	TK.6501.00.HN.EMSC-20111024_0000029.h5	100	4.8	23.7
EMSC-20111024_0000041	GE.KARP..HN.EMSC-20111024_0000041.h5	100	4	174.8
EMSC-20111024_0000044	GE.KARP..HN.EMSC-20111024_0000044.h5	100	3.9	178.4
EMSC-20111024_0000050	TK.6501.00.HN.EMSC-20111024_0000050.h5	100	4.3	15.7
EMSC-20111024_0000080	IU.GNI.20.HN.EMSC-20111024_0000080.h5	100	4.3	171

EMSC-20111024_0000103	TK.1302.00.HN.EMSC-20111024_0000103.h5	100	5	93.9
EMSC-20111024_0000103	TK.6501.00.HN.EMSC-20111024_0000103.h5	100	5	25.2
EMSC-20111024_0000190	IU.GNI.20.HN.EMSC-20111024_0000190.h5	100	4.4	182.3
EMSC-20111024_0000268	EU.VRI.00.HN.EMSC-20111024_0000268.h5	100	3.5	38.2
EMSC-20111024_0000268	RO.GHRR..HN.EMSC-20111024_0000268.h5	100	3.5	92.8
EMSC-20111024_0000268	RO.HUMR..HN.EMSC-20111024_0000268.h5	100	3.5	164.2
EMSC-20111024_0000268	RO.ICOR..HN.EMSC-20111024_0000268.h5	100	3.5	198.9
EMSC-20111024_0000268	RO.LEOM..HN.EMSC-20111024_0000268.h5	100	3.5	172
EMSC-20111024_0000268	RO.MLR..HN.EMSC-20111024_0000268.h5	100	3.5	38.2
EMSC-20111024_0000268	RO.PETR..HN.EMSC-20111024_0000268.h5	100	3.5	65.6
EMSC-20111024_0000268	RO.PLOR..HN.EMSC-20111024_0000268.h5	100	3.5	33.2
EMSC-20111024_0000268	RO.PLOR1..HN.EMSC-20111024_0000268.h5	100	3.5	33.1
EMSC-20111024_0000268	RO.PLOR4..HN.EMSC-20111024_0000268.h5	100	3.5	33.2
EMSC-20111025_0000079	IU.GNI.20.HN.EMSC-20111025_0000079.h5	100	4.3	174.9
EMSC-20111025_0000141	GE.KARP..HN.EMSC-20111025_0000141.h5	100	4.4	112.4
EMSC-20111025_0000150	IU.GNI.20.HN.EMSC-20111025_0000150.h5	100	5.6	176.9
EMSC-20111025_0000150	TK.1302.00.HN.EMSC-20111025_0000150.h5	100	5.6	132.7
EMSC-20111025_0000150	TK.6501.00.HN.EMSC-20111025_0000150.h5	100	5.6	39.2
EMSC-20111025_0000161	IU.GNI.20.HN.EMSC-20111025_0000161.h5	100	4.3	177.2
EMSC-20111025_0000173	IU.GNI.20.HN.EMSC-20111025_0000173.h5	100	4.1	178
EMSC-20111025_0000192	IU.GNI.20.HN.EMSC-20111025_0000192.h5	100	4.1	177.8
EMSC-20111025_0000208	IU.GNI.20.HN.EMSC-20111025_0000208.h5	100	4.2	173.8
EMSC-20111025_0000231	G.COYC.00.HN.EMSC-20111025_0000231.h5	100	5	52.6
EMSC-20111026_0000196	IU.GNI.20.HN.EMSC-20111026_0000196.h5	100	4.4	164.9
EMSC-20111027_0000115	IU.GNI.20.HN.EMSC-20111027_0000115.h5	100	4.2	170.6
EMSC-20111028_0000021	IU.GNI.20.HN.EMSC-20111028_0000021.h5	100	4.1	178.2
EMSC-20111028_0000116	IU.GNI.20.HN.EMSC-20111028_0000116.h5	100	4.5	171.9
EMSC-20111029_0000165	IU.GNI.20.HN.EMSC-20111029_0000165.h5	100	5.1	177.7
EMSC-20111029_0000165	TK.6501.00.HN.EMSC-20111029_0000165.h5	100	5.1	39.8
EMSC-20111030_0000019	IU.GNI.20.HN.EMSC-20111030_0000019.h5	100	4.5	187.8
EMSC-20111102_0000023	IU.GNI.20.HN.EMSC-20111102_0000023.h5	100	4.4	180.8
EMSC-20111102_0000080	IU.GNI.20.HN.EMSC-20111102_0000080.h5	100	4.5	178.3
EMSC-20111103_0000004	IU.GNI.20.HN.EMSC-20111103_0000004.h5	100	4.1	168.2
EMSC-20111103_0000070	IU.GNI.20.HN.EMSC-20111103_0000070.h5	100	4.3	181.7
EMSC-20111104_0000094	G.SANVU.00.HN.EMSC-20111104_0000094.h5	100	5.8	43.6
EMSC-20111105_0000125	GE.KARP..HN.EMSC-20111105_0000125.h5	100	4.3	19.1
EMSC-20111105_0000140	IU.GNI.20.HN.EMSC-20111105_0000140.h5	100	4.6	184.3
EMSC-20111106_0000021	IU.GNI.20.HN.EMSC-20111106_0000021.h5	100	4.8	173.3
EMSC-20111106_0000093	IU.GNI.20.HN.EMSC-20111106_0000093.h5	100	4	182.4
EMSC-20111106_0000130	HL.IACM..HN.EMSC-20111106_0000130.h5	100	4.7	77.8
EMSC-20111107_0000073	IU.GNI.20.HN.EMSC-20111107_0000073.h5	100	4.8	190.5
EMSC-20111107_0000109	IU.GNI.20.HN.EMSC-20111107_0000109.h5	100	4.5	183.2
EMSC-20111108_0000055	IU.GNI.20.HN.EMSC-20111108_0000055.h5	100	4.4	188.2

EMSC-20111108_0000068	G.PEL.00.HN.EMSC-20111108_0000068.h5	100	5.3	161.9
EMSC-20111108_0000084	IU.GNI.20.HN.EMSC-20111108_0000084.h5	100	4.5	188.4
EMSC-20111108_0000104	TK.6501.00.HN.EMSC-20111108_0000104.h5	100	5.2	34.1
EMSC-20111109_0000075	TK.1302.00.HN.EMSC-20111109_0000075.h5	100	5.6	103
EMSC-20111109_0000075	TK.6501.00.HN.EMSC-20111109_0000075.h5	100	5.6	10.8
EMSC-20111112_0000073	IU.GNI.20.HN.EMSC-20111112_0000073.h5	100	4.3	178.8
EMSC-20111114_0000088	TK.1302.00.HN.EMSC-20111114_0000088.h5	100	5.3	86.8
EMSC-20111114_0000088	TK.6501.00.HN.EMSC-20111114_0000088.h5	100	5.3	32.4
EMSC-20111117_0000070	IU.GNI.20.HN.EMSC-20111117_0000070.h5	100	4.6	176.8
EMSC-20111118_0000069	IU.GNI.20.HN.EMSC-20111118_0000069.h5	100	5	167.5
EMSC-20111118_0000069	TK.6505.00.HN.EMSC-20111118_0000069.h5	100	5	36.3
EMSC-20111118_0000069	TK.6508.00.HN.EMSC-20111118_0000069.h5	100	5	21.2
EMSC-20111118_0000069	TK.6509.00.HN.EMSC-20111118_0000069.h5	100	5	52.5
EMSC-20111122_0000011	RO.CNCR..HN.EMSC-20111122_0000011.h5	100	3.4	116.8
EMSC-20111122_0000011	RO.GHRR..HN.EMSC-20111122_0000011.h5	100	3.4	105.5
EMSC-20111122_0000011	RO.HUMR..HN.EMSC-20111122_0000011.h5	100	3.4	150.5
EMSC-20111122_0000011	RO.LEOM..HN.EMSC-20111122_0000011.h5	100	3.4	184.8
EMSC-20111122_0000011	RO.MLR..HN.EMSC-20111122_0000011.h5	100	3.4	29.2
EMSC-20111122_0000011	RO.PLOR..HN.EMSC-20111122_0000011.h5	100	3.4	47.4
EMSC-20111122_0000011	RO.PLOR1..HN.EMSC-20111122_0000011.h5	100	3.4	47.3
EMSC-20111122_0000011	RO.PLOR4..HN.EMSC-20111122_0000011.h5	100	3.4	47.4
EMSC-20111122_0000011	RO.SULR..HN.EMSC-20111122_0000011.h5	100	3.4	90.8
EMSC-20111122_0000011	RO.TESR..HN.EMSC-20111122_0000011.h5	100	3.4	116
EMSC-20111122_0000011	RO.VOIR..HN.EMSC-20111122_0000011.h5	100	3.4	99.5
EMSC-20111122_0000084	IU.GNI.20.HN.EMSC-20111122_0000084.h5	100	4.3	172.7
EMSC-20111123_0000028	HL.IACM..HN.EMSC-20111123_0000028.h5	100	5.5	113.6
EMSC-20111123_0000038	HL.IACM..HN.EMSC-20111123_0000038.h5	100	4.8	120.4
EMSC-20111128_0000022	IU.SJG.20.HN.EMSC-20111128_0000022.h5	100	5	128.5
EMSC-20111128_0000039	IU.SJG.20.HN.EMSC-20111128_0000039.h5	100	5.1	126.3
EMSC-20111129_0000029	GE.KARP..HN.EMSC-20111129_0000029.h5	100	4.1	129.3
EMSC-20111129_0000029	HL.KARP..HN.EMSC-20111129_0000029.h5	100	4.1	129.3
EMSC-20111130_0000004	TK.6506.00.HN.EMSC-20111130_0000004.h5	100	5.4	58.5
EMSC-20111130_0000004	TK.6507..HN.EMSC-20111130_0000004.h5	100	5.4	29.4
EMSC-20111130_0000004	TK.6508.00.HN.EMSC-20111130_0000004.h5	100	5.4	57.9
EMSC-20111203_0000002	RO.PLOR..HN.EMSC-20111203_0000002.h5	100	3.4	34.1
EMSC-20111203_0000002	RO.PLOR1..HN.EMSC-20111203_0000002.h5	100	3.4	34.1
EMSC-20111203_0000002	RO.PLOR4..HN.EMSC-20111203_0000002.h5	100	3.4	34.1
EMSC-20111203_0000005	IU.GNI.20.HN.EMSC-20111203_0000005.h5	100	4.6	166
EMSC-20111203_0000005	TK.6505.00.HN.EMSC-20111203_0000005.h5	100	4.6	40.5
EMSC-20111203_0000005	TK.6508.00.HN.EMSC-20111203_0000005.h5	100	4.6	13.1
EMSC-20111206_0000008	IU.GNI.20.HN.EMSC-20111206_0000008.h5	100	4.6	176.9
EMSC-20111206_0000008	TK.6505.00.HN.EMSC-20111206_0000008.h5	100	4.6	43.5
EMSC-20111206_0000008	TK.6506.00.HN.EMSC-20111206_0000008.h5	100	4.6	30.4

EMSC-20111206_0000008	TK.6508.00.HN.EMSC-20111206_0000008.h5	100	4.6	38.7
EMSC-20111209_0000023	HL.IACM..HN.EMSC-20111209_0000023.h5	100	4.9	124.6
EMSC-20111210_0000017	IU.GNI.20.HN.EMSC-20111210_0000017.h5	100	4.2	164.7
EMSC-20111210_0000017	TK.6506.00.HN.EMSC-20111210_0000017.h5	100	4.2	10.6
EMSC-20111212_0000054	MN.PDG..HL.EMSC-20111212_0000054.h5	100	4.8	94.5
EMSC-20111214_0000050	MN.PDG..HL.EMSC-20111214_0000050.h5	100	4	125.3
EMSC-20111217_0000029	IU.SJG.20.HN.EMSC-20111217_0000029.h5	100	5.2	129.4
EMSC-20111217_0000030	IU.SJG.20.HN.EMSC-20111217_0000030.h5	100	5.1	129.4
EMSC-20111221_0000032	GE.KARP..HN.EMSC-20111221_0000032.h5	100	4	117.5
EMSC-20111221_0000032	HL.IACM..HN.EMSC-20111221_0000032.h5	100	4	95.1
EMSC-20111222_0000068	MN.PDG..HL.EMSC-20111222_0000068.h5	100	3.8	72.7
EMSC-20120101_0000068	G.SANVU.00.HN.EMSC-20120101_0000068.h5	100	5.1	121.8
EMSC-20120101_0000072	RO.ARR..HN.EMSC-20120101_0000072.h5	100	4.4	90
EMSC-20120101_0000072	RO.BZS..HN.EMSC-20120101_0000072.h5	100	4.4	165.4
EMSC-20120101_0000072	RO.CIOR.00.HN.EMSC-20120101_0000072.h5	100	4.4	193.4
EMSC-20120101_0000072	RO.CJR..HN.EMSC-20120101_0000072.h5	100	4.4	186
EMSC-20120101_0000072	RO.CRAR.00.HN.EMSC-20120101_0000072.h5	100	4.4	81.3
EMSC-20120101_0000072	RO.DEV..HN.EMSC-20120101_0000072.h5	100	4.4	108.3
EMSC-20120101_0000072	RO.HERR..HN.EMSC-20120101_0000072.h5	100	4.4	93.8
EMSC-20120101_0000072	RO.HUMR..HN.EMSC-20120101_0000072.h5	100	4.4	124.3
EMSC-20120101_0000072	RO.LOT..HN.EMSC-20120101_0000072.h5	100	4.4	47.4
EMSC-20120101_0000072	RO.MDVR..HN.EMSC-20120101_0000072.h5	100	4.4	150.5
EMSC-20120101_0000072	RO.MLR..HN.EMSC-20120101_0000072.h5	100	4.4	192
EMSC-20120101_0000072	RO.VOIR..HN.EMSC-20120101_0000072.h5	100	4.4	123.2
EMSC-20120104_0000011	G.SANVU.00.HN.EMSC-20120104_0000011.h5	100	5.1	81.4
EMSC-20120105_0000016	GE.KARP..HN.EMSC-20120105_0000016.h5	100	4.5	175.4
EMSC-20120105_0000022	CU.SDDR.20.HN.EMSC-20120105_0000022.h5	100	5.5	121.9
EMSC-20120106_0000001	IU.GNI.20.HN.EMSC-20120106_0000001.h5	100	4.6	183.1
EMSC-20120106_0000001	KO.ERCV..HN.EMSC-20120106_0000001.h5	100	4.6	39
EMSC-20120107_0000014	GE.TNTI..HL.EMSC-20120107_0000014.h5	100	5.4	103.9
EMSC-20120108_0000011	GE.KARP..HN.EMSC-20120108_0000011.h5	100	4	31
EMSC-20120108_0000011	HL.KARP..HN.EMSC-20120108_0000011.h5	100	4	31
EMSC-20120108_0000011	KO.DATC..HN.EMSC-20120108_0000011.h5	100	4	110.7
EMSC-20120109_0000052	G.PEL.00.HN.EMSC-20120109_0000052.h5	100	5.2	106.8
EMSC-20120110_0000049	EU.VRI.00.HN.EMSC-20120110_0000049.h5	100	4.3	51
EMSC-20120110_0000049	RO.BAC..HN.EMSC-20120110_0000049.h5	100	4.3	124.4
EMSC-20120110_0000049	RO.CNCR..HN.EMSC-20120110_0000049.h5	100	4.3	122.1
EMSC-20120110_0000049	RO.GHRR..HN.EMSC-20120110_0000049.h5	100	4.3	106
EMSC-20120110_0000049	RO.HUMR..HN.EMSC-20120110_0000049.h5	100	4.3	151.4
EMSC-20120110_0000049	RO.ICOR..HN.EMSC-20120110_0000049.h5	100	4.3	199.8
EMSC-20120110_0000049	RO.LEOM..HN.EMSC-20120110_0000049.h5	100	4.3	185.2
EMSC-20120110_0000049	RO.LOT..HN.EMSC-20120110_0000049.h5	100	4.3	195.1
EMSC-20120110_0000049	RO.MLR..HN.EMSC-20120110_0000049.h5	100	4.3	25.5

EMSC-20120110_0000049	RO.PETR..HN.EMSC-20120110_0000049.h5	100	4.3	78.1
EMSC-20120110_0000049	RO.PLOR..HN.EMSC-20120110_0000049.h5	100	4.3	45.7
EMSC-20120110_0000049	RO.PLOR1..HN.EMSC-20120110_0000049.h5	100	4.3	45.6
EMSC-20120110_0000049	RO.PLOR4..HN.EMSC-20120110_0000049.h5	100	4.3	45.7
EMSC-20120110_0000049	RO.SULR..HN.EMSC-20120110_0000049.h5	100	4.3	96.2
EMSC-20120110_0000049	RO.TESR..HN.EMSC-20120110_0000049.h5	100	4.3	111.8
EMSC-20120110_0000049	RO.VOIR..HN.EMSC-20120110_0000049.h5	100	4.3	95.5
EMSC-20120117_0000077	G.PEL.00.HN.EMSC-20120117_0000077.h5	100	5.6	182.4
EMSC-20120118_0000002	GE.TNTI..HL.EMSC-20120118_0000002.h5	100	5.2	197.5
EMSC-20120118_0000037	GE.TNTI..HL.EMSC-20120118_0000037.h5	100	5.8	191.9
EMSC-20120118_0000052	GE.TNTI..HL.EMSC-20120118_0000052.h5	100	5.1	195.7
EMSC-20120119_0000072	EU.VRI.00.HN.EMSC-20120119_0000072.h5	100	4	39.1
EMSC-20120119_0000072	GE.TIRR..HN.EMSC-20120119_0000072.h5	100	4	197.2
EMSC-20120119_0000072	RO.BAC..HN.EMSC-20120119_0000072.h5	100	4	116.5
EMSC-20120119_0000072	RO.CNCR..HN.EMSC-20120119_0000072.h5	100	4	125.9
EMSC-20120119_0000072	RO.GHRR..HN.EMSC-20120119_0000072.h5	100	4	91.8
EMSC-20120119_0000072	RO.HUMR..HN.EMSC-20120119_0000072.h5	100	4	164.1
EMSC-20120119_0000072	RO.IAS..HN.EMSC-20120119_0000072.h5	100	4	199.3
EMSC-20120119_0000072	RO.ICOR..HN.EMSC-20120119_0000072.h5	100	4	193
EMSC-20120119_0000072	RO.MLR..HN.EMSC-20120119_0000072.h5	100	4	41.1
EMSC-20120119_0000072	RO.PETR..HN.EMSC-20120119_0000072.h5	100	4	62.6
EMSC-20120119_0000072	RO.PLOR..HN.EMSC-20120119_0000072.h5	100	4	34.8
EMSC-20120119_0000072	RO.PLOR1..HN.EMSC-20120119_0000072.h5	100	4	34.8
EMSC-20120119_0000072	RO.PLOR4..HN.EMSC-20120119_0000072.h5	100	4	34.8
EMSC-20120119_0000072	RO.SULR..HN.EMSC-20120119_0000072.h5	100	4	100.2
EMSC-20120119_0000072	RO.TESR..HN.EMSC-20120119_0000072.h5	100	4	106
EMSC-20120119_0000072	RO.TLB..HN.EMSC-20120119_0000072.h5	100	4	165.6
EMSC-20120119_0000072	RO.VOIR..HN.EMSC-20120119_0000072.h5	100	4	111.2
EMSC-20120120_0000042	IU.GNI.20.HN.EMSC-20120120_0000042.h5	100	4.7	191.6
EMSC-20120120_0000042	KO.ERCV..HN.EMSC-20120120_0000042.h5	100	4.7	34.8
EMSC-20120123_0000037	GE.DAMY..HL.EMSC-20120123_0000037.h5	100	4.4	137.3
EMSC-20120123_0000085	CU.SDDR.20.HN.EMSC-20120123_0000085.h5	100	5.1	141.6
EMSC-20120126_0000013	HL.IACM..HN.EMSC-20120126_0000013.h5	100	5.2	82.2
EMSC-20120126_0000013	HL.KARP..HN.EMSC-20120126_0000013.h5	100	5.2	198.4
EMSC-20120126_0000016	HL.IACM..HN.EMSC-20120126_0000016.h5	100	4.1	86.3
EMSC-20120126_0000018	HL.IACM..HN.EMSC-20120126_0000018.h5	100	4	85.2
EMSC-20120126_0000027	HL.IACM..HN.EMSC-20120126_0000027.h5	100	4	86
EMSC-20120126_0000029	HL.IACM..HN.EMSC-20120126_0000029.h5	100	4.1	80.1
EMSC-20120126_0000029	HL.KARP..HN.EMSC-20120126_0000029.h5	100	4.1	198.3
EMSC-20120127_0000012	HL.IACM..HN.EMSC-20120127_0000012.h5	100	5.4	83.2
EMSC-20120127_0000128	HL.IACM..HN.EMSC-20120127_0000128.h5	100	4.8	81.9
EMSC-20120127_0000128	HL.KARP..HN.EMSC-20120127_0000128.h5	100	4.8	195
EMSC-20120128_0000058	HL.IACM..HN.EMSC-20120128_0000058.h5	100	4.7	81.3

EMSC-20120128_0000058	HL.KARP..HN.EMSC-20120128_0000058.h5	100	4.7	199
EMSC-20120129_0000022	IU.GNI.20.HN.EMSC-20120129_0000022.h5	100	4.4	177.9
EMSC-20120129_0000022	KO.ERCV..HN.EMSC-20120129_0000022.h5	100	4.4	30.7
EMSC-20120129_0000024	HL.IACM..HN.EMSC-20120129_0000024.h5	100	4	78.5
EMSC-20120129_0000053	HL.IACM..HN.EMSC-20120129_0000053.h5	100	4.7	82.3
EMSC-20120129_0000053	HL.KARP..HN.EMSC-20120129_0000053.h5	100	4.7	198.9
EMSC-20120131_0000054	WM.CART..HL.EMSC-20120131_0000054.h5	100	4.4	189.1
EMSC-20120131_0000072	G.SANVU.00.HN.EMSC-20120131_0000072.h5	100	5.1	131.9
EMSC-20120204_0000060	G.SANVU.00.HN.EMSC-20120204_0000060.h5	100	5.2	192.6
EMSC-20120209_0000014	G.SANVU.00.HN.EMSC-20120209_0000014.h5	100	5	39.1
EMSC-20120211_0000053	IV.MERA..HN.EMSC-20120211_0000053.h5	100	3.8	175.2
EMSC-20120213_0000099	BK.JCC.00.HN.EMSC-20120213_0000099.h5	100	5.6	41.4
EMSC-20120213_0000099	NC.KHMB..HN.EMSC-20120213_0000099.h5	100	5.6	30.2
EMSC-20120213_0000099	NC.KRMB..HN.EMSC-20120213_0000099.h5	100	5.6	43.3
EMSC-20120213_0000099	NC.KRP..HN.EMSC-20120213_0000099.h5	100	5.6	19.6
EMSC-20120214_0000005	KO.GOKC..HN.EMSC-20120214_0000005.h5	100	5.2	157.1
EMSC-20120214_0000049	IU.HNR.20.HN.EMSC-20120214_0000049.h5	100	6.4	164.6
EMSC-20120217_0000032	KO.ERCV..HN.EMSC-20120217_0000032.h5	100	4.6	35.1
EMSC-20120218_0000046	GE.TNTI..HL.EMSC-20120218_0000046.h5	100	5	192
EMSC-20120224_0000004	KO.FOCM..HN.EMSC-20120224_0000004.h5	100	4	114.6
EMSC-20120224_0000004	KO.GOKC..HN.EMSC-20120224_0000004.h5	100	4	67.8
EMSC-20120224_0000004	KO.KRBN..HN.EMSC-20120224_0000004.h5	100	4	119.8
EMSC-20120224_0000055	IU.GNI.20.HN.EMSC-20120224_0000055.h5	100	4.5	180.2
EMSC-20120224_0000055	KO.ERCV..HN.EMSC-20120224_0000055.h5	100	4.5	30.3
EMSC-20120224_0000073	MN.PDG..HL.EMSC-20120224_0000073.h5	100	4	7.2
EMSC-20120224_0000077	GE.TNTI..HL.EMSC-20120224_0000077.h5	100	5.3	140.8
EMSC-20120226_0000027	CX.MNMCX..HL.EMSC-20120226_0000027.h5	100	5.4	47.9
EMSC-20120302_0000017	HL.IACM..HN.EMSC-20120302_0000017.h5	100	4.5	107.3
EMSC-20120302_0000017	HL.KARP..HN.EMSC-20120302_0000017.h5	100	4.5	159.2
EMSC-20120302_0000059	GE.TNTI..HL.EMSC-20120302_0000059.h5	100	5	119.1
EMSC-20120303_0000031	C.GO04..HN.EMSC-20120303_0000031.h5	100	5.3	37.2
EMSC-20120303_0000036	KO.ERCV..HN.EMSC-20120303_0000036.h5	100	4	38.1
EMSC-20120304_0000006	KO.GOKC..HN.EMSC-20120304_0000006.h5	100	5.2	160.4
EMSC-20120305_0000019	GE.TNTI..HL.EMSC-20120305_0000019.h5	100	5.4	190.4
EMSC-20120308_0000015	HL.IACM..HN.EMSC-20120308_0000015.h5	100	4.3	123.1
EMSC-20120311_0000066	KO.ERCV..HN.EMSC-20120311_0000066.h5	100	4.2	80.3
EMSC-20120311_0000066	TK.6508.00.HN.EMSC-20120311_0000066.h5	100	4.2	12.5
EMSC-20120313_0000022	KO.ERCV..HN.EMSC-20120313_0000022.h5	100	4	66.9
EMSC-20120313_0000022	TK.6501.00.HN.EMSC-20120313_0000022.h5	100	4	14.7
EMSC-20120313_0000032	KO.AKDN..HN.EMSC-20120313_0000032.h5	100	4.4	149.5
EMSC-20120313_0000032	KO.AKIN..HN.EMSC-20120313_0000032.h5	100	4.4	199.4
EMSC-20120316_0000059	KO.ERCV..HN.EMSC-20120316_0000059.h5	100	4	26.4
EMSC-20120320_0000085	HL.IACM..HN.EMSC-20120320_0000085.h5	100	4.6	100.8

EMSC-20120321_0000016	WM.CART..HL.EMSC-20120321_0000016.h5	100	4.2	194.1
EMSC-20120322_0000002	HL.IACM..HN.EMSC-20120322_0000002.h5	100	4.3	97.3
EMSC-20120323_0000029	KO.ENZZ..HN.EMSC-20120323_0000029.h5	100	4.1	111.6
EMSC-20120323_0000029	KO.FOCM..HN.EMSC-20120323_0000029.h5	100	4.1	115.3
EMSC-20120323_0000029	KO.GOKC..HN.EMSC-20120323_0000029.h5	100	4.1	67
EMSC-20120323_0000029	KO.GONE..HN.EMSC-20120323_0000029.h5	100	4.1	148.8
EMSC-20120323_0000051	IU.GNI.20.HN.EMSC-20120323_0000051.h5	100	4.4	166.1
EMSC-20120323_0000051	KO.ERCV..HN.EMSC-20120323_0000051.h5	100	4.4	29
EMSC-20120323_0000051	TK.6508.00.HN.EMSC-20120323_0000051.h5	100	4.4	40.6
EMSC-20120324_0000017	TK.6505.00.HN.EMSC-20120324_0000017.h5	100	4.4	35.4
EMSC-20120324_0000020	G.PEL.00.HN.EMSC-20120324_0000020.h5	100	5	37.6
EMSC-20120326_0000008	MN.PDG..HL.EMSC-20120326_0000008.h5	100	4.5	72.6
EMSC-20120326_0000032	KO.ERCV..HN.EMSC-20120326_0000032.h5	100	5.1	92.5
EMSC-20120326_0000032	TK.0404.00.HN.EMSC-20120326_0000032.h5	100	5.1	57.6
EMSC-20120326_0000032	TK.1302.00.HN.EMSC-20120326_0000032.h5	100	5.1	79.2
EMSC-20120326_0000032	TK.1303.00.HN.EMSC-20120326_0000032.h5	100	5.1	59
EMSC-20120326_0000032	TK.2511.00.HN.EMSC-20120326_0000032.h5	100	5.1	102.9
EMSC-20120326_0000032	TK.4901.00.HN.EMSC-20120326_0000032.h5	100	5.1	82.4
EMSC-20120326_0000032	TK.4904.00.HN.EMSC-20120326_0000032.h5	100	5.1	66.6
EMSC-20120329_0000024	KO.ESKT..HN.EMSC-20120329_0000024.h5	100	4.4	126.9
EMSC-20120331_0000020	KO.ERCV..HN.EMSC-20120331_0000020.h5	100	4.1	46.1
EMSC-20120331_0000020	TK.6505.00.HN.EMSC-20120331_0000020.h5	100	4.1	11.3
EMSC-20120403_0000020	C.GO01..HN.EMSC-20120403_0000020.h5	100	5.2	11.1
EMSC-20120403_0000020	CX.MNMCX..HL.EMSC-20120403_0000020.h5	100	5.2	77
EMSC-20120403_0000020	CX.PATCX..HL.EMSC-20120403_0000020.h5	100	5.2	171.5
EMSC-20120403_0000020	CX.PSGCX..HL.EMSC-20120403_0000020.h5	100	5.2	108.1
EMSC-20120404_0000003	TK.2007.00.HN.EMSC-20120404_0000003.h5	100	4.2	48.1
EMSC-20120404_0000003	TK.2009.00.HN.EMSC-20120404_0000003.h5	100	4.2	37.8
EMSC-20120404_0000003	TK.2011.00.HN.EMSC-20120404_0000003.h5	100	4.2	36.7
EMSC-20120404_0000023	IU.GNI.20.HN.EMSC-20120404_0000023.h5	100	4.5	172.2
EMSC-20120404_0000023	KO.ERCV..HN.EMSC-20120404_0000023.h5	100	4.5	26.1
EMSC-20120404_0000023	TK.6505.00.HN.EMSC-20120404_0000023.h5	100	4.5	39.3
EMSC-20120404_0000023	TK.6506.00.HN.EMSC-20120404_0000023.h5	100	4.5	26.1
EMSC-20120404_0000029	KO.DORT.00.HN.EMSC-20120404_0000029.h5	100	4.3	80.2
EMSC-20120404_0000029	KO.KRTD..HN.EMSC-20120404_0000029.h5	100	4.3	154.2
EMSC-20120404_0000038	TK.1206.00.HN.EMSC-20120404_0000038.h5	100	4.4	4.8
EMSC-20120404_0000038	TK.1211.00.HN.EMSC-20120404_0000038.h5	100	4.4	39.8
EMSC-20120404_0000038	TK.4905.00.HN.EMSC-20120404_0000038.h5	100	4.4	38.1
EMSC-20120413_0000001	IU.GNI.20.HN.EMSC-20120413_0000001.h5	100	4.4	136.2
EMSC-20120413_0000001	KO.ERCV..HN.EMSC-20120413_0000001.h5	100	4.4	69.5
EMSC-20120413_0000001	TK.6508.00.HN.EMSC-20120413_0000001.h5	100	4.4	41.9
EMSC-20120413_0000010	KO.ERCV..HN.EMSC-20120413_0000010.h5	100	4.3	40
EMSC-20120413_0000010	TK.6501.00.HN.EMSC-20120413_0000010.h5	100	4.3	25.1

EMSC-20120413_0000010	TK.6507..HN.EMSC-20120413_0000010.h5	100	4.3	42.6
EMSC-20120416_0000031	KO.ESKT..HN.EMSC-20120416_0000031.h5	100	4.3	151.6
EMSC-20120416_0000031	KO.GONE..HN.EMSC-20120416_0000031.h5	100	4.3	160.6
EMSC-20120416_0000031	TK.4304.00.HN.EMSC-20120416_0000031.h5	100	4.3	27.4
EMSC-20120416_0000031	TK.4305.00.HN.EMSC-20120416_0000031.h5	100	4.3	16.7
EMSC-20120416_0000031	TK.4504.00.HN.EMSC-20120416_0000031.h5	100	4.3	45.8
EMSC-20120416_0000031	TK.6401.00.HN.EMSC-20120416_0000031.h5	100	4.3	57.6
EMSC-20120416_0000062	KO.GONE..HN.EMSC-20120416_0000062.h5	100	4	158.7
EMSC-20120416_0000062	TK.4305.00.HN.EMSC-20120416_0000062.h5	100	4	13
EMSC-20120417_0000016	G.PEL.00.HN.EMSC-20120417_0000016.h5	100	6.7	86.5
EMSC-20120417_0000080	KO.GONE..HN.EMSC-20120417_0000080.h5	100	4.3	162.5
EMSC-20120417_0000080	TK.2611.00.HN.EMSC-20120417_0000080.h5	100	4.3	133.5
EMSC-20120417_0000080	TK.4304.00.HN.EMSC-20120417_0000080.h5	100	4.3	25.7
EMSC-20120417_0000080	TK.4305.00.HN.EMSC-20120417_0000080.h5	100	4.3	15.3
EMSC-20120417_0000080	TK.4306.00.HN.EMSC-20120417_0000080.h5	100	4.3	25.3
EMSC-20120417_0000080	TK.4504.00.HN.EMSC-20120417_0000080.h5	100	4.3	44.6
EMSC-20120418_0000047	WM.CART..HL.EMSC-20120418_0000047.h5	100	4.2	188.8
EMSC-20120418_0000102	IU.GNI.20.HN.EMSC-20120418_0000102.h5	100	4.3	171.8
EMSC-20120418_0000102	KO.ERCV..HN.EMSC-20120418_0000102.h5	100	4.3	27.1
EMSC-20120418_0000102	TK.6506.00.HN.EMSC-20120418_0000102.h5	100	4.3	27.1
EMSC-20120419_0000079	GE.TNTI..HL.EMSC-20120419_0000079.h5	100	5.3	114.1
EMSC-20120420_0000065	KO.ESKT..HN.EMSC-20120420_0000065.h5	100	4.3	156.3
EMSC-20120420_0000065	KO.GONE..HN.EMSC-20120420_0000065.h5	100	4.3	157.1
EMSC-20120420_0000065	TK.4305.00.HN.EMSC-20120420_0000065.h5	100	4.3	12.4
EMSC-20120423_0000069	KO.ESKT..HN.EMSC-20120423_0000069.h5	100	4.2	154.4
EMSC-20120423_0000069	KO.GONE..HN.EMSC-20120423_0000069.h5	100	4.2	160.1
EMSC-20120423_0000069	TK.4304.00.HN.EMSC-20120423_0000069.h5	100	4.2	28.1
EMSC-20120423_0000069	TK.4305.00.HN.EMSC-20120423_0000069.h5	100	4.2	13.8
EMSC-20120423_0000098	HL.IACM..HN.EMSC-20120423_0000098.h5	100	4.8	51.6
EMSC-20120423_0000098	HL.KARP..HN.EMSC-20120423_0000098.h5	100	4.8	178.6
EMSC-20120426_0000033	GE.TIRR..HN.EMSC-20120426_0000033.h5	100	4	195.2
EMSC-20120426_0000033	RO.GHRR..HN.EMSC-20120426_0000033.h5	100	4	90.4
EMSC-20120426_0000033	RO.HUMR..HN.EMSC-20120426_0000033.h5	100	4	165.3
EMSC-20120426_0000033	RO.IAS..HN.EMSC-20120426_0000033.h5	100	4	198.9
EMSC-20120426_0000033	RO.MLR..HN.EMSC-20120426_0000033.h5	100	4	43.1
EMSC-20120426_0000033	RO.PETR..HN.EMSC-20120426_0000033.h5	100	4	60.6
EMSC-20120426_0000033	RO.PLOR..HN.EMSC-20120426_0000033.h5	100	4	34.4
EMSC-20120426_0000033	RO.PLOR1..HN.EMSC-20120426_0000033.h5	100	4	34.4
EMSC-20120426_0000033	RO.PLOR4..HN.EMSC-20120426_0000033.h5	100	4	34.4
EMSC-20120426_0000033	RO.SULR..HN.EMSC-20120426_0000033.h5	100	4	100.1
EMSC-20120426_0000033	RO.TESR..HN.EMSC-20120426_0000033.h5	100	4	106.2
EMSC-20120426_0000033	RO.VOIR..HN.EMSC-20120426_0000033.h5	100	4	113.2
EMSC-20120426_0000048	KO.ESKT..HN.EMSC-20120426_0000048.h5	100	4.8	155.3

EMSC-20120426_0000048	KO.GONE..HN.EMSC-20120426_0000048.h5	100	4.8	156.9
EMSC-20120426_0000048	TK.1009..HN.EMSC-20120426_0000048.h5	100	4.8	62
EMSC-20120426_0000048	TK.1016.00.HN.EMSC-20120426_0000048.h5	100	4.8	127.9
EMSC-20120426_0000048	TK.1610.00.HN.EMSC-20120426_0000048.h5	100	4.8	105.5
EMSC-20120426_0000048	TK.1613.00.HN.EMSC-20120426_0000048.h5	100	4.8	84.6
EMSC-20120426_0000048	TK.1618.00.HN.EMSC-20120426_0000048.h5	100	4.8	133.2
EMSC-20120426_0000048	TK.2603.00.HN.EMSC-20120426_0000048.h5	100	4.8	140.6
EMSC-20120426_0000048	TK.2606.00.HN.EMSC-20120426_0000048.h5	100	4.8	135.2
EMSC-20120426_0000048	TK.2611.00.HN.EMSC-20120426_0000048.h5	100	4.8	134.3
EMSC-20120426_0000048	TK.2612.00.HN.EMSC-20120426_0000048.h5	100	4.8	130.3
EMSC-20120426_0000048	TK.4304.00.HN.EMSC-20120426_0000048.h5	100	4.8	31.2
EMSC-20120426_0000048	TK.4305.00.HN.EMSC-20120426_0000048.h5	100	4.8	13.5
EMSC-20120426_0000048	TK.4306.00.HN.EMSC-20120426_0000048.h5	100	4.8	23
EMSC-20120426_0000048	TK.4504.00.HN.EMSC-20120426_0000048.h5	100	4.8	42.2
EMSC-20120426_0000048	TK.4505.00.HN.EMSC-20120426_0000048.h5	100	4.8	75.5
EMSC-20120426_0000048	TK.6401.00.HN.EMSC-20120426_0000048.h5	100	4.8	60
EMSC-20120430_0000021	C.GO04..HN.EMSC-20120430_0000021.h5	100	5.6	72.1
EMSC-20120501_0000027	KO.CAND..HN.EMSC-20120501_0000027.h5	100	4.8	33.3
EMSC-20120501_0000027	TK.0905.00.HN.EMSC-20120501_0000027.h5	100	4.8	103.5
EMSC-20120501_0000027	TK.1708.00.HN.EMSC-20120501_0000027.h5	100	4.8	140.9
EMSC-20120501_0000027	TK.3526.00.HN.EMSC-20120501_0000027.h5	100	4.8	28.1
EMSC-20120501_0000027	TK.3527..HN.EMSC-20120501_0000027.h5	100	4.8	14.8
EMSC-20120501_0000027	TK.3528.00.HN.EMSC-20120501_0000027.h5	100	4.8	48.6
EMSC-20120502_0000001	KO.CAND..HN.EMSC-20120502_0000001.h5	100	4	35.9
EMSC-20120502_0000001	KO.CESE..HN.EMSC-20120502_0000001.h5	100	4	47.8
EMSC-20120502_0000001	KO.FOCM..HN.EMSC-20120502_0000001.h5	100	4	9
EMSC-20120502_0000001	KO.GMLD..HN.EMSC-20120502_0000001.h5	100	4	66.9
EMSC-20120502_0000001	KO.GOKC..HN.EMSC-20120502_0000001.h5	100	4	184.1
EMSC-20120502_0000001	KO.GONE..HN.EMSC-20120502_0000001.h5	100	4	178.3
EMSC-20120502_0000001	KO.KRBN..HN.EMSC-20120502_0000001.h5	100	4	11.7
EMSC-20120502_0000001	TK.3526.00.HN.EMSC-20120502_0000001.h5	100	4	28.1
EMSC-20120502_0000001	TK.3527..HN.EMSC-20120502_0000001.h5	100	4	13.7
EMSC-20120502_0000031	KO.CAND..HN.EMSC-20120502_0000031.h5	100	4	34.9
EMSC-20120502_0000031	KO.CESE..HN.EMSC-20120502_0000031.h5	100	4	49
EMSC-20120502_0000031	KO.FOCM..HN.EMSC-20120502_0000031.h5	100	4	7.8
EMSC-20120502_0000031	KO.GMLD..HN.EMSC-20120502_0000031.h5	100	4	67.4
EMSC-20120502_0000031	KO.GOKC..HN.EMSC-20120502_0000031.h5	100	4	183.6
EMSC-20120502_0000031	KO.GONE..HN.EMSC-20120502_0000031.h5	100	4	177.2
EMSC-20120502_0000031	KO.KRBN..HN.EMSC-20120502_0000031.h5	100	4	12.9
EMSC-20120502_0000031	TK.3526.00.HN.EMSC-20120502_0000031.h5	100	4	27.5
EMSC-20120502_0000031	TK.3527..HN.EMSC-20120502_0000031.h5	100	4	14.6
EMSC-20120502_0000032	KO.CAND..HN.EMSC-20120502_0000032.h5	100	4.2	34.6
EMSC-20120502_0000032	KO.CESE..HN.EMSC-20120502_0000032.h5	100	4.2	48.8

EMSC-20120502_0000032	KO.FOCM..HN.EMSC-20120502_0000032.h5	100	4.2	7.9
EMSC-20120502_0000032	KO.GMLD..HN.EMSC-20120502_0000032.h5	100	4.2	68.2
EMSC-20120502_0000032	KO.KRBN..HN.EMSC-20120502_0000032.h5	100	4.2	12.5
EMSC-20120502_0000032	TK.3527..HN.EMSC-20120502_0000032.h5	100	4.2	13.9
EMSC-20120502_0000064	KO.CAND..HN.EMSC-20120502_0000064.h5	100	4	32.9
EMSC-20120502_0000064	KO.CESE..HN.EMSC-20120502_0000064.h5	100	4	54.3
EMSC-20120502_0000064	KO.FOCM..HN.EMSC-20120502_0000064.h5	100	4	6.4
EMSC-20120502_0000064	KO.GMLD..HN.EMSC-20120502_0000064.h5	100	4	66.2
EMSC-20120502_0000064	KO.KRBN..HN.EMSC-20120502_0000064.h5	100	4	19.4
EMSC-20120503_0000005	KO.CAND..HN.EMSC-20120503_0000005.h5	100	4.3	35.4
EMSC-20120503_0000005	KO.CESE..HN.EMSC-20120503_0000005.h5	100	4.3	48.8
EMSC-20120503_0000005	KO.FOCM..HN.EMSC-20120503_0000005.h5	100	4.3	8.1
EMSC-20120503_0000005	KO.GMLD..HN.EMSC-20120503_0000005.h5	100	4.3	66.7
EMSC-20120503_0000005	KO.GONE..HN.EMSC-20120503_0000005.h5	100	4.3	177.5
EMSC-20120503_0000005	KO.KRBN..HN.EMSC-20120503_0000005.h5	100	4.3	13
EMSC-20120503_0000005	TK.3527..HN.EMSC-20120503_0000005.h5	100	4.3	15
EMSC-20120503_0000017	KO.AKIN..HN.EMSC-20120503_0000017.h5	100	4	114.5
EMSC-20120503_0000062	KO.CAND..HN.EMSC-20120503_0000062.h5	100	5.3	199.2
EMSC-20120503_0000062	KO.ESKT..HN.EMSC-20120503_0000062.h5	100	5.3	157.4
EMSC-20120503_0000062	KO.GONE..HN.EMSC-20120503_0000062.h5	100	5.3	157.2
EMSC-20120503_0000062	TK.1003.00.HN.EMSC-20120503_0000062.h5	100	5.3	120.4
EMSC-20120503_0000062	TK.1009..HN.EMSC-20120503_0000062.h5	100	5.3	62.8
EMSC-20120503_0000062	TK.1016.00.HN.EMSC-20120503_0000062.h5	100	5.3	126.9
EMSC-20120503_0000062	TK.1603.00.HN.EMSC-20120503_0000062.h5	100	5.3	115.9
EMSC-20120503_0000062	TK.1605.00.HN.EMSC-20120503_0000062.h5	100	5.3	126
EMSC-20120503_0000062	TK.1606.00.HN.EMSC-20120503_0000062.h5	100	5.3	135.9
EMSC-20120503_0000062	TK.1607.00.HN.EMSC-20120503_0000062.h5	100	5.3	139.4
EMSC-20120503_0000062	TK.1608.00.HN.EMSC-20120503_0000062.h5	100	5.3	141.4
EMSC-20120503_0000062	TK.1610.00.HN.EMSC-20120503_0000062.h5	100	5.3	108.1
EMSC-20120503_0000062	TK.1611.00.HN.EMSC-20120503_0000062.h5	100	5.3	153.1
EMSC-20120503_0000062	TK.1613.00.HN.EMSC-20120503_0000062.h5	100	5.3	87
EMSC-20120503_0000062	TK.1614.00.HN.EMSC-20120503_0000062.h5	100	5.3	116.1
EMSC-20120503_0000062	TK.1618.00.HN.EMSC-20120503_0000062.h5	100	5.3	135.3
EMSC-20120503_0000062	TK.2007.00.HN.EMSC-20120503_0000062.h5	100	5.3	134.7
EMSC-20120503_0000062	TK.2009.00.HN.EMSC-20120503_0000062.h5	100	5.3	136.1
EMSC-20120503_0000062	TK.2602.00.HN.EMSC-20120503_0000062.h5	100	5.3	140.9
EMSC-20120503_0000062	TK.2603.00.HN.EMSC-20120503_0000062.h5	100	5.3	143.1
EMSC-20120503_0000062	TK.2604.00.HN.EMSC-20120503_0000062.h5	100	5.3	141
EMSC-20120503_0000062	TK.2606.00.HN.EMSC-20120503_0000062.h5	100	5.3	137.7
EMSC-20120503_0000062	TK.2611.00.HN.EMSC-20120503_0000062.h5	100	5.3	136.8
EMSC-20120503_0000062	TK.2612.00.HN.EMSC-20120503_0000062.h5	100	5.3	132.8
EMSC-20120503_0000062	TK.2613.00.HN.EMSC-20120503_0000062.h5	100	5.3	144.3
EMSC-20120503_0000062	TK.2614.00.HN.EMSC-20120503_0000062.h5	100	5.3	143.3

EMSC-20120503_0000062	TK.2615.00.HN.EMSC-20120503_0000062.h5	100	5.3	150
EMSC-20120503_0000062	TK.2616.00.HN.EMSC-20120503_0000062.h5	100	5.3	145.8
EMSC-20120503_0000062	TK.3506.00.HN.EMSC-20120503_0000062.h5	100	5.3	193.2
EMSC-20120503_0000062	TK.3510.00.HN.EMSC-20120503_0000062.h5	100	5.3	196.2
EMSC-20120503_0000062	TK.3511.00.HN.EMSC-20120503_0000062.h5	100	5.3	178.8
EMSC-20120503_0000062	TK.3514.00.HN.EMSC-20120503_0000062.h5	100	5.3	184.3
EMSC-20120503_0000062	TK.3519.00.HN.EMSC-20120503_0000062.h5	100	5.3	188.4
EMSC-20120503_0000062	TK.3520.00.HN.EMSC-20120503_0000062.h5	100	5.3	179.5
EMSC-20120503_0000062	TK.3521.00.HN.EMSC-20120503_0000062.h5	100	5.3	191.1
EMSC-20120503_0000062	TK.3524.00.HN.EMSC-20120503_0000062.h5	100	5.3	187.4
EMSC-20120503_0000062	TK.3525.00.HN.EMSC-20120503_0000062.h5	100	5.3	193
EMSC-20120503_0000062	TK.3530.00.HN.EMSC-20120503_0000062.h5	100	5.3	179.2
EMSC-20120503_0000062	TK.4104.00.HN.EMSC-20120503_0000062.h5	100	5.3	186.5
EMSC-20120503_0000062	TK.4105.00.HN.EMSC-20120503_0000062.h5	100	5.3	185.5
EMSC-20120503_0000062	TK.4106.00.HN.EMSC-20120503_0000062.h5	100	5.3	185.5
EMSC-20120503_0000062	TK.4107.00.HN.EMSC-20120503_0000062.h5	100	5.3	194.8
EMSC-20120503_0000062	TK.4111.00.HN.EMSC-20120503_0000062.h5	100	5.3	176.8
EMSC-20120503_0000062	TK.4112.00.HN.EMSC-20120503_0000062.h5	100	5.3	187.3
EMSC-20120503_0000062	TK.4113.00.HN.EMSC-20120503_0000062.h5	100	5.3	189.9
EMSC-20120503_0000062	TK.4115.00.HN.EMSC-20120503_0000062.h5	100	5.3	187.6
EMSC-20120503_0000062	TK.4116.00.HN.EMSC-20120503_0000062.h5	100	5.3	187.6
EMSC-20120503_0000062	TK.4117.00.HN.EMSC-20120503_0000062.h5	100	5.3	187.9
EMSC-20120503_0000062	TK.4118.00.HN.EMSC-20120503_0000062.h5	100	5.3	194.9
EMSC-20120503_0000062	TK.4119.00.HN.EMSC-20120503_0000062.h5	100	5.3	185.1
EMSC-20120503_0000062	TK.4120.00.HN.EMSC-20120503_0000062.h5	100	5.3	197.7
EMSC-20120503_0000062	TK.4121.00.HN.EMSC-20120503_0000062.h5	100	5.3	191.2
EMSC-20120503_0000062	TK.4122.00.HN.EMSC-20120503_0000062.h5	100	5.3	195.7
EMSC-20120503_0000062	TK.4301.00.HN.EMSC-20120503_0000062.h5	100	5.3	84
EMSC-20120503_0000062	TK.4303.00.HN.EMSC-20120503_0000062.h5	100	5.3	24.8
EMSC-20120503_0000062	TK.4304.00.HN.EMSC-20120503_0000062.h5	100	5.3	31.2
EMSC-20120503_0000062	TK.4305.00.HN.EMSC-20120503_0000062.h5	100	5.3	11
EMSC-20120503_0000062	TK.4504.00.HN.EMSC-20120503_0000062.h5	100	5.3	40.1
EMSC-20120503_0000062	TK.4505.00.HN.EMSC-20120503_0000062.h5	100	5.3	73.3
EMSC-20120503_0000062	TK.6401.00.HN.EMSC-20120503_0000062.h5	100	5.3	58.6
EMSC-20120503_0000068	KO.ESKT..HN.EMSC-20120503_0000068.h5	100	4.1	160.6
EMSC-20120503_0000068	KO.GONE..HN.EMSC-20120503_0000068.h5	100	4.1	157.2
EMSC-20120503_0000068	TK.1613.00.HN.EMSC-20120503_0000068.h5	100	4.1	90.2
EMSC-20120503_0000068	TK.4305.00.HN.EMSC-20120503_0000068.h5	100	4.1	7.6
EMSC-20120503_0000068	TK.4306.00.HN.EMSC-20120503_0000068.h5	100	4.1	29.5
EMSC-20120503_0000068	TK.4504.00.HN.EMSC-20120503_0000068.h5	100	4.1	36.9
EMSC-20120503_0000078	KO.ESKT..HN.EMSC-20120503_0000078.h5	100	4.4	156.8
EMSC-20120503_0000078	KO.GONE..HN.EMSC-20120503_0000078.h5	100	4.4	157.6
EMSC-20120503_0000078	TK.4305.00.HN.EMSC-20120503_0000078.h5	100	4.4	11.7

EMSC-20120503_0000121	KO.ESKT..HN.EMSC-20120503_0000121.h5	100	4.4	157.1
EMSC-20120503_0000121	KO.GONE..HN.EMSC-20120503_0000121.h5	100	4.4	158.2
EMSC-20120503_0000121	TK.4305.00.HN.EMSC-20120503_0000121.h5	100	4.4	11.2
EMSC-20120504_0000011	KO.ESKT..HN.EMSC-20120504_0000011.h5	100	4.4	155.9
EMSC-20120504_0000011	KO.GONE..HN.EMSC-20120504_0000011.h5	100	4.4	161.1
EMSC-20120504_0000011	TK.4305.00.HN.EMSC-20120504_0000011.h5	100	4.4	12.4
EMSC-20120504_0000024	KO.ENZZ..HN.EMSC-20120504_0000024.h5	100	4.3	80.3
EMSC-20120504_0000024	KO.GOKC..HN.EMSC-20120504_0000024.h5	100	4.3	93.3
EMSC-20120504_0000024	KO.GONE..HN.EMSC-20120504_0000024.h5	100	4.3	65
EMSC-20120504_0000024	KO.KRBN..HN.EMSC-20120504_0000024.h5	100	4.3	194.8
EMSC-20120505_0000072	EU.VRI.00.HN.EMSC-20120505_0000072.h5	100	4	23.4
EMSC-20120505_0000072	RO.BAC..HN.EMSC-20120505_0000072.h5	100	4	99.7
EMSC-20120505_0000072	RO.GHRR..HN.EMSC-20120505_0000072.h5	100	4	78.9
EMSC-20120505_0000072	RO.HUMR..HN.EMSC-20120505_0000072.h5	100	4	178.9
EMSC-20120505_0000072	RO.IAS..HN.EMSC-20120505_0000072.h5	100	4	182.7
EMSC-20120505_0000072	RO.LEOM..HN.EMSC-20120505_0000072.h5	100	4	158
EMSC-20120505_0000072	RO.MLR..HN.EMSC-20120505_0000072.h5	100	4	51.3
EMSC-20120505_0000072	RO.PETR..HN.EMSC-20120505_0000072.h5	100	4	55.2
EMSC-20120505_0000072	RO.PLOR..HN.EMSC-20120505_0000072.h5	100	4	18.4
EMSC-20120505_0000072	RO.PLOR1..HN.EMSC-20120505_0000072.h5	100	4	18.4
EMSC-20120505_0000072	RO.PLOR4..HN.EMSC-20120505_0000072.h5	100	4	18.4
EMSC-20120505_0000072	RO.SULR..HN.EMSC-20120505_0000072.h5	100	4	116.8
EMSC-20120505_0000072	RO.TESR..HN.EMSC-20120505_0000072.h5	100	4	89.5
EMSC-20120505_0000072	RO.TLB..HN.EMSC-20120505_0000072.h5	100	4	173
EMSC-20120505_0000072	RO.VOIR..HN.EMSC-20120505_0000072.h5	100	4	118.9
EMSC-20120508_0000029	KO.DATC..HN.EMSC-20120508_0000029.h5	100	4.3	83.3
EMSC-20120508_0000029	KO.DEMR..HN.EMSC-20120508_0000029.h5	100	4.3	154.2
EMSC-20120508_0000029	KO.GMLD..HN.EMSC-20120508_0000029.h5	100	4.3	180.9
EMSC-20120508_0000029	KO.MRSB..HN.EMSC-20120508_0000029.h5	100	4.3	47.6
EMSC-20120508_0000029	KO.YKAV..HN.EMSC-20120508_0000029.h5	100	4.3	110.1
EMSC-20120509_0000044	KO.ESKT..HN.EMSC-20120509_0000044.h5	100	4.1	153
EMSC-20120509_0000044	KO.GONE..HN.EMSC-20120509_0000044.h5	100	4.1	163.1
EMSC-20120509_0000044	KO.SMAA..HN.EMSC-20120509_0000044.h5	100	4.1	15.1
EMSC-20120509_0000044	TK.2603.00.HN.EMSC-20120509_0000044.h5	100	4.1	140.4
EMSC-20120509_0000044	TK.4304.00.HN.EMSC-20120509_0000044.h5	100	4.1	25.1
EMSC-20120509_0000044	TK.4306.00.HN.EMSC-20120509_0000044.h5	100	4.1	25.9
EMSC-20120509_0000044	TK.4504.00.HN.EMSC-20120509_0000044.h5	100	4.1	44.7
EMSC-20120510_0000049	GE.TNTI..HL.EMSC-20120510_0000049.h5	100	5.2	137.1
EMSC-20120511_0000032	KO.AKIN..HN.EMSC-20120511_0000032.h5	100	5.3	103.3
EMSC-20120514_0000024	CX.MNMCX..HL.EMSC-20120514_0000024.h5	100	6.2	160.8
EMSC-20120514_0000044	GE.TNTI..HL.EMSC-20120514_0000044.h5	100	5	128
EMSC-20120517_0000031	HL.IACM..HN.EMSC-20120517_0000031.h5	100	4.2	186
EMSC-20120517_0000031	HL.KARP..HN.EMSC-20120517_0000031.h5	100	4.2	32.5

EMSC-20120517_0000031	KO.DATC..HN.EMSC-20120517_0000031.h5	100	4.2	119
EMSC-20120517_0000031	KO.MRSB..HN.EMSC-20120517_0000031.h5	100	4.2	145
EMSC-20120519_0000031	KO.DATC..HN.EMSC-20120519_0000031.h5	100	4.3	24.6
EMSC-20120519_0000031	KO.DIDI..HN.EMSC-20120519_0000031.h5	100	4.3	55.7
EMSC-20120519_0000031	KO.GMLD..HN.EMSC-20120519_0000031.h5	100	4.3	136.9
EMSC-20120519_0000031	KO.MRSB..HN.EMSC-20120519_0000031.h5	100	4.3	59
EMSC-20120519_0000031	KO.YKAV..HN.EMSC-20120519_0000031.h5	100	4.3	34.4
EMSC-20120520_0000087	IV.BDI..HN.EMSC-20120520_0000087.h5	100	3.7	104.1
EMSC-20120520_0000087	IV.BOTT..HN.EMSC-20120520_0000087.h5	100	3.7	112
EMSC-20120520_0000087	IV.MNTV..HN.EMSC-20120520_0000087.h5	100	3.7	54.2
EMSC-20120520_0000087	IV.MODE..HN.EMSC-20120520_0000087.h5	100	3.7	37.8
EMSC-20120520_0000087	IV.MTRZ..HN.EMSC-20120520_0000087.h5	100	3.7	59.3
EMSC-20120520_0000087	IV.OPPE..HN.EMSC-20120520_0000087.h5	100	3.7	53.2
EMSC-20120520_0000087	IV.SANR..HN.EMSC-20120520_0000087.h5	100	3.7	91.6
EMSC-20120520_0000087	IV.TREG..HN.EMSC-20120520_0000087.h5	100	3.7	76.8
EMSC-20120520_0000087	IV.VOBA..HN.EMSC-20120520_0000087.h5	100	3.7	110
EMSC-20120520_0000087	IV.ZEN8..HN.EMSC-20120520_0000087.h5	100	3.7	99.9
EMSC-20120520_0000087	IV.ZOVE..HN.EMSC-20120520_0000087.h5	100	3.7	69.3
EMSC-20120520_0000087	MN.VLC..HN.EMSC-20120520_0000087.h5	100	3.7	106.3
EMSC-20120522_0000023	GE.TNTI..HL.EMSC-20120522_0000023.h5	100	5.1	199.3
EMSC-20120526_0000036	HL.IACM..HN.EMSC-20120526_0000036.h5	100	4.5	89.6
EMSC-20120526_0000037	HL.IACM..HN.EMSC-20120526_0000037.h5	100	4.1	89.1
EMSC-20120527_0000081	GU.FIVI..HN.EMSC-20120527_0000081.h5	100	3.8	107.5
EMSC-20120527_0000081	IV.ASOL..HN.EMSC-20120527_0000081.h5	100	3.8	119.6
EMSC-20120527_0000081	IV.BAG8..HN.EMSC-20120527_0000081.h5	100	3.8	120.6
EMSC-20120527_0000081	IV.BDI..HN.EMSC-20120527_0000081.h5	100	3.8	99.3
EMSC-20120527_0000081	IV.BORM..HN.EMSC-20120527_0000081.h5	100	3.8	189.5
EMSC-20120527_0000081	IV.BOTT..HN.EMSC-20120527_0000081.h5	100	3.8	102.3
EMSC-20120527_0000081	IV.CAFI..HN.EMSC-20120527_0000081.h5	100	3.8	181.4
EMSC-20120527_0000081	IV.CNCS..HN.EMSC-20120527_0000081.h5	100	3.8	111.8
EMSC-20120527_0000081	IV.CRND..HN.EMSC-20120527_0000081.h5	100	3.8	127.4
EMSC-20120527_0000081	IV.CTL8..HN.EMSC-20120527_0000081.h5	100	3.8	120.1
EMSC-20120527_0000081	IV.FRE8..HN.EMSC-20120527_0000081.h5	100	3.8	158.7
EMSC-20120527_0000081	IV.MNTV..HN.EMSC-20120527_0000081.h5	100	3.8	44.1
EMSC-20120527_0000081	IV.MODE..HN.EMSC-20120527_0000081.h5	100	3.8	30.6
EMSC-20120527_0000081	IV.MTRZ..HN.EMSC-20120527_0000081.h5	100	3.8	63.8
EMSC-20120527_0000081	IV.OPPE..HN.EMSC-20120527_0000081.h5	100	3.8	50.2
EMSC-20120527_0000081	IV.ORZI..HN.EMSC-20120527_0000081.h5	100	3.8	114.8
EMSC-20120527_0000081	IV.T0800..HN.EMSC-20120527_0000081.h5	100	3.8	6.4
EMSC-20120527_0000081	IV.T0819..HN.EMSC-20120527_0000081.h5	100	3.8	21.5
EMSC-20120527_0000081	IV.T0820..HN.EMSC-20120527_0000081.h5	100	3.8	32.9
EMSC-20120527_0000081	IV.TREG..HN.EMSC-20120527_0000081.h5	100	3.8	74
EMSC-20120527_0000081	IV.VOBA..HN.EMSC-20120527_0000081.h5	100	3.8	101.8

EMSC-20120527_0000081	IV.ZOVE..HN.EMSC-20120527_0000081.h5	100	3.8	70.9
EMSC-20120527_0000081	MN.VLC..HN.EMSC-20120527_0000081.h5	100	3.8	99.3
EMSC-20120528_0000003	IV.ACER..HN.EMSC-20120528_0000003.h5	100	4.3	102.8
EMSC-20120528_0000003	IV.BULG..HN.EMSC-20120528_0000003.h5	100	4.3	66.1
EMSC-20120528_0000003	IV.CELI..HN.EMSC-20120528_0000003.h5	100	4.3	62.5
EMSC-20120528_0000003	IV.JOPP..HN.EMSC-20120528_0000003.h5	100	4.3	141.4
EMSC-20120528_0000003	IV.MCEL..HN.EMSC-20120528_0000003.h5	100	4.3	56.7
EMSC-20120528_0000003	IV.MRLC..HN.EMSC-20120528_0000003.h5	100	4.3	111.5
EMSC-20120528_0000003	IV.SALB..HN.EMSC-20120528_0000003.h5	100	4.3	20.9
EMSC-20120528_0000003	IV.SERS..HN.EMSC-20120528_0000003.h5	100	4.3	105.4
EMSC-20120529_0000138	IV.BDI..HN.EMSC-20120529_0000138.h5	100	3.9	98.2
EMSC-20120529_0000138	IV.BOTT..HN.EMSC-20120529_0000138.h5	100	3.9	92.4
EMSC-20120529_0000138	IV.CNCS..HN.EMSC-20120529_0000138.h5	100	3.9	101.8
EMSC-20120529_0000138	IV.CTL8..HN.EMSC-20120529_0000138.h5	100	3.9	108.5
EMSC-20120529_0000138	IV.LEOD..HN.EMSC-20120529_0000138.h5	100	3.9	95
EMSC-20120529_0000138	IV.MODE..HN.EMSC-20120529_0000138.h5	100	3.9	29.7
EMSC-20120529_0000138	IV.MTRZ..HN.EMSC-20120529_0000138.h5	100	3.9	71.5
EMSC-20120529_0000138	IV.OPPE..HN.EMSC-20120529_0000138.h5	100	3.9	47.8
EMSC-20120529_0000138	IV.ORZI..HN.EMSC-20120529_0000138.h5	100	3.9	103.5
EMSC-20120529_0000138	IV.SANR..HN.EMSC-20120529_0000138.h5	100	3.9	95
EMSC-20120529_0000138	IV.T0800..HN.EMSC-20120529_0000138.h5	100	3.9	18
EMSC-20120529_0000138	IV.T0821..HN.EMSC-20120529_0000138.h5	100	3.9	40.5
EMSC-20120529_0000138	IV.TREG..HN.EMSC-20120529_0000138.h5	100	3.9	71
EMSC-20120529_0000138	IV.VOBA..HN.EMSC-20120529_0000138.h5	100	3.9	93.3
EMSC-20120529_0000138	IV.ZEN8..HN.EMSC-20120529_0000138.h5	100	3.9	86.2
EMSC-20120529_0000138	IV.ZOVE..HN.EMSC-20120529_0000138.h5	100	3.9	72.2
EMSC-20120531_0000056	GE.DAMY..HL.EMSC-20120531_0000056.h5	100	4.2	28.2
EMSC-20120604_0000085	HL.KARP..HN.EMSC-20120604_0000085.h5	100	4.5	179.9
EMSC-20120604_0000085	KO.DATC..HN.EMSC-20120604_0000085.h5	100	4.5	53.9
EMSC-20120604_0000085	KO.DEMR..HN.EMSC-20120604_0000085.h5	100	4.5	167.8
EMSC-20120604_0000085	KO.DIDI..HN.EMSC-20120604_0000085.h5	100	4.5	101.8
EMSC-20120604_0000085	KO.GMLD..HN.EMSC-20120604_0000085.h5	100	4.5	173.5
EMSC-20120604_0000085	KO.MRSB..HN.EMSC-20120604_0000085.h5	100	4.5	22.5
EMSC-20120604_0000085	KO.YKAV..HN.EMSC-20120604_0000085.h5	100	4.5	87.7
EMSC-20120604_0000096	GE.TNTI..HL.EMSC-20120604_0000096.h5	100	5	164.4
EMSC-20120607_0000003	GE.TNTI..HL.EMSC-20120607_0000003.h5	100	5.1	135
EMSC-20120607_0000043	MN.PDG..HL.EMSC-20120607_0000043.h5	100	4.4	175.7
EMSC-20120607_0000082	KO.GOKC..HN.EMSC-20120607_0000082.h5	100	5	185.3
EMSC-20120607_0000082	KO.GONE..HN.EMSC-20120607_0000082.h5	100	5	91.2
EMSC-20120607_0000082	TK.1006.00.HN.EMSC-20120607_0000082.h5	100	5	57.3
EMSC-20120607_0000082	TK.1016.00.HN.EMSC-20120607_0000082.h5	100	5	164.5
EMSC-20120607_0000082	TK.1606.00.HN.EMSC-20120607_0000082.h5	100	5	113.9
EMSC-20120607_0000082	TK.1607.00.HN.EMSC-20120607_0000082.h5	100	5	110.5

EMSC-20120607_0000082	TK.1618.00.HN.EMSC-20120607_0000082.h5	100	5	100.5
EMSC-20120607_0000082	TK.1703.00.HN.EMSC-20120607_0000082.h5	100	5	89.1
EMSC-20120607_0000082	TK.2202..HN.EMSC-20120607_0000082.h5	100	5	145.4
EMSC-20120607_0000082	TK.3409.00.HN.EMSC-20120607_0000082.h5	100	5	72.3
EMSC-20120607_0000082	TK.3901.00.HN.EMSC-20120607_0000082.h5	100	5	115.9
EMSC-20120607_0000082	TK.4104.00.HN.EMSC-20120607_0000082.h5	100	5	172
EMSC-20120607_0000082	TK.4105.00.HN.EMSC-20120607_0000082.h5	100	5	172.2
EMSC-20120607_0000082	TK.4106.00.HN.EMSC-20120607_0000082.h5	100	5	128.1
EMSC-20120607_0000082	TK.4107.00.HN.EMSC-20120607_0000082.h5	100	5	181.6
EMSC-20120607_0000082	TK.4108.00.HN.EMSC-20120607_0000082.h5	100	5	168.7
EMSC-20120607_0000082	TK.4110.00.HN.EMSC-20120607_0000082.h5	100	5	188.4
EMSC-20120607_0000082	TK.4111.00.HN.EMSC-20120607_0000082.h5	100	5	140.8
EMSC-20120607_0000082	TK.4112.00.HN.EMSC-20120607_0000082.h5	100	5	161.4
EMSC-20120607_0000082	TK.4113.00.HN.EMSC-20120607_0000082.h5	100	5	152
EMSC-20120607_0000082	TK.4116.00.HN.EMSC-20120607_0000082.h5	100	5	163.6
EMSC-20120607_0000082	TK.4117.00.HN.EMSC-20120607_0000082.h5	100	5	177.8
EMSC-20120607_0000082	TK.4118.00.HN.EMSC-20120607_0000082.h5	100	5	181.5
EMSC-20120607_0000082	TK.4119.00.HN.EMSC-20120607_0000082.h5	100	5	134.1
EMSC-20120607_0000082	TK.4120.00.HN.EMSC-20120607_0000082.h5	100	5	176.8
EMSC-20120607_0000082	TK.4121.00.HN.EMSC-20120607_0000082.h5	100	5	172.4
EMSC-20120607_0000082	TK.4122.00.HN.EMSC-20120607_0000082.h5	100	5	176.9
EMSC-20120607_0000082	TK.4124.00.HN.EMSC-20120607_0000082.h5	100	5	141.2
EMSC-20120607_0000082	TK.5902.00.HN.EMSC-20120607_0000082.h5	100	5	38.3
EMSC-20120607_0000082	TK.5903.00.HN.EMSC-20120607_0000082.h5	100	5	14.2
EMSC-20120607_0000082	TK.5904.00.HN.EMSC-20120607_0000082.h5	100	5	73.2
EMSC-20120607_0000082	TK.5905.00.HN.EMSC-20120607_0000082.h5	100	5	35.9
EMSC-20120608_0000027	MN.PDG..HL.EMSC-20120608_0000027.h5	100	4.2	181.9
EMSC-20120609_0000005	IV.ASOL..HN.EMSC-20120609_0000005.h5	100	4	62
EMSC-20120609_0000005	IV.BAG8..HN.EMSC-20120609_0000005.h5	100	4	161.6
EMSC-20120609_0000005	IV.BORM..HN.EMSC-20120609_0000005.h5	100	4	165.8
EMSC-20120609_0000005	IV.BOTT..HN.EMSC-20120609_0000005.h5	100	4	183.1
EMSC-20120609_0000005	IV.CNCS..HN.EMSC-20120609_0000005.h5	100	4	187.5
EMSC-20120609_0000005	IV.CRND..HN.EMSC-20120609_0000005.h5	100	4	53.1
EMSC-20120609_0000005	IV.FRE8..HN.EMSC-20120609_0000005.h5	100	4	21.1
EMSC-20120609_0000005	IV.MNTV..HN.EMSC-20120609_0000005.h5	100	4	175.1
EMSC-20120609_0000005	IV.OPPE..HN.EMSC-20120609_0000005.h5	100	4	141
EMSC-20120609_0000005	IV.SANR..HN.EMSC-20120609_0000005.h5	100	4	90.8
EMSC-20120609_0000005	IV.T0800..HN.EMSC-20120609_0000005.h5	100	4	176.9
EMSC-20120609_0000005	IV.T0819..HN.EMSC-20120609_0000005.h5	100	4	189.9
EMSC-20120609_0000005	IV.T0821..HN.EMSC-20120609_0000005.h5	100	4	160
EMSC-20120609_0000005	IV.VOBA..HN.EMSC-20120609_0000005.h5	100	4	165.1
EMSC-20120609_0000005	IV.ZEN8..HN.EMSC-20120609_0000005.h5	100	4	149
EMSC-20120609_0000005	IV.ZOVE..HN.EMSC-20120609_0000005.h5	100	4	112.1

EMSC-20120609_0000072	KO.DATC..HN.EMSC-20120609_0000072.h5	100	4.2	82.2
EMSC-20120609_0000072	KO.MRSB..HN.EMSC-20120609_0000072.h5	100	4.2	45.8
EMSC-20120609_0000072	KO.YKAV..HN.EMSC-20120609_0000072.h5	100	4.2	110.1
EMSC-20120609_0000100	IU.TATO.20.HN.EMSC-20120609_0000100.h5	100	5.9	88
EMSC-20120610_0000062	HL.KARP..HN.EMSC-20120610_0000062.h5	100	5.9	187.6
EMSC-20120610_0000062	KO.DATC..HN.EMSC-20120610_0000062.h5	100	5.9	124.2
EMSC-20120610_0000062	TK.0701.00.HN.EMSC-20120610_0000062.h5	100	5.9	162.1
EMSC-20120610_0000062	TK.0705.00.HN.EMSC-20120610_0000062.h5	100	5.9	64.2
EMSC-20120610_0000062	TK.0707.00.HN.EMSC-20120610_0000062.h5	100	5.9	141.2
EMSC-20120610_0000062	TK.0709.00.HN.EMSC-20120610_0000062.h5	100	5.9	165.7
EMSC-20120610_0000062	TK.0711.00.HN.EMSC-20120610_0000062.h5	100	5.9	197.7
EMSC-20120610_0000062	TK.0907.00.HN.EMSC-20120610_0000062.h5	100	5.9	175.2
EMSC-20120610_0000062	TK.0908.00.HN.EMSC-20120610_0000062.h5	100	5.9	178.5
EMSC-20120610_0000062	TK.0909.00.HN.EMSC-20120610_0000062.h5	100	5.9	181.5
EMSC-20120610_0000062	TK.0910.00.HN.EMSC-20120610_0000062.h5	100	5.9	192.5
EMSC-20120610_0000062	TK.1502.00.HN.EMSC-20120610_0000062.h5	100	5.9	184
EMSC-20120610_0000062	TK.1505..HN.EMSC-20120610_0000062.h5	100	5.9	126.2
EMSC-20120610_0000062	TK.2002.00.HN.EMSC-20120610_0000062.h5	100	5.9	159
EMSC-20120610_0000062	TK.2007.00.HN.EMSC-20120610_0000062.h5	100	5.9	171.8
EMSC-20120610_0000062	TK.2008.00.HN.EMSC-20120610_0000062.h5	100	5.9	158.4
EMSC-20120610_0000062	TK.2011.00.HN.EMSC-20120610_0000062.h5	100	5.9	150.6
EMSC-20120610_0000062	TK.4801.00.HN.EMSC-20120610_0000062.h5	100	5.9	107
EMSC-20120610_0000062	TK.4803.00.HN.EMSC-20120610_0000062.h5	100	5.9	30.3
EMSC-20120610_0000062	TK.4809.00.HN.EMSC-20120610_0000062.h5	100	5.9	154.3
EMSC-20120610_0000062	TK.4810..HN.EMSC-20120610_0000062.h5	100	5.9	82
EMSC-20120610_0000062	TK.4811.00.HN.EMSC-20120610_0000062.h5	100	5.9	69.6
EMSC-20120610_0000063	KO.DATC..HN.EMSC-20120610_0000063.h5	100	4.9	124.6
EMSC-20120610_0000063	TK.0705.00.HN.EMSC-20120610_0000063.h5	100	4.9	63.8
EMSC-20120610_0000063	TK.0708.00.HN.EMSC-20120610_0000063.h5	100	4.9	117.8
EMSC-20120610_0000063	TK.0907.00.HN.EMSC-20120610_0000063.h5	100	4.9	173.3
EMSC-20120610_0000063	TK.0908.00.HN.EMSC-20120610_0000063.h5	100	4.9	176.7
EMSC-20120610_0000063	TK.4803.00.HN.EMSC-20120610_0000063.h5	100	4.9	27.6
EMSC-20120610_0000063	TK.4810..HN.EMSC-20120610_0000063.h5	100	4.9	81.6
EMSC-20120610_0000063	TK.4811.00.HN.EMSC-20120610_0000063.h5	100	4.9	67.9
EMSC-20120610_0000115	HL.KARP..HN.EMSC-20120610_0000115.h5	100	4.5	188.6
EMSC-20120610_0000115	KO.DATC..HN.EMSC-20120610_0000115.h5	100	4.5	125.2
EMSC-20120610_0000115	KO.MRSB..HN.EMSC-20120610_0000115.h5	100	4.5	79.2
EMSC-20120610_0000115	KO.YKAV..HN.EMSC-20120610_0000115.h5	100	4.5	172.6
EMSC-20120611_0000015	KO.DATC..HN.EMSC-20120611_0000015.h5	100	4.3	129.4
EMSC-20120611_0000015	KO.MRSB..HN.EMSC-20120611_0000015.h5	100	4.3	83.7
EMSC-20120611_0000015	KO.YKAV..HN.EMSC-20120611_0000015.h5	100	4.3	177.1
EMSC-20120611_0000037	KO.GONE..HN.EMSC-20120611_0000037.h5	100	4	164.9
EMSC-20120611_0000037	KO.SMAA..HN.EMSC-20120611_0000037.h5	100	4	15.6

EMSC-20120611_0000037	TK.4305.00.HN.EMSC-20120611_0000037.h5	100	4	15.8
EMSC-20120612_0000122	HL.KARP..HN.EMSC-20120612_0000122.h5	100	4	187.5
EMSC-20120612_0000122	KO.DATC..HN.EMSC-20120612_0000122.h5	100	4	124.6
EMSC-20120612_0000122	KO.KEMT..HN.EMSC-20120612_0000122.h5	100	4	144.2
EMSC-20120612_0000122	KO.MRSB..HN.EMSC-20120612_0000122.h5	100	4	78.7
EMSC-20120612_0000122	TK.4803.00.HN.EMSC-20120612_0000122.h5	100	4	30.6
EMSC-20120613_0000034	KO.GONE..HN.EMSC-20120613_0000034.h5	100	4.3	163
EMSC-20120613_0000034	TK.4305.00.HN.EMSC-20120613_0000034.h5	100	4.3	14.6
EMSC-20120614_0000019	TK.7301.00.HN.EMSC-20120614_0000019.h5	100	4	34.7
EMSC-20120614_0000020	TK.3001.00.HN.EMSC-20120614_0000020.h5	100	5.3	122.2
EMSC-20120614_0000020	TK.3002.00.HN.EMSC-20120614_0000020.h5	100	5.3	164.6
EMSC-20120614_0000020	TK.4702.00.HN.EMSC-20120614_0000020.h5	100	5.3	102.3
EMSC-20120614_0000020	TK.7201.00.HN.EMSC-20120614_0000020.h5	100	5.3	138.5
EMSC-20120614_0000020	TK.7301.00.HN.EMSC-20120614_0000020.h5	100	5.3	34.2
EMSC-20120614_0000084	HL.KARP..HN.EMSC-20120614_0000084.h5	100	4.7	191.8
EMSC-20120614_0000084	KO.DATC..HN.EMSC-20120614_0000084.h5	100	4.7	140.1
EMSC-20120614_0000084	KO.KEMT..HN.EMSC-20120614_0000084.h5	100	4.7	136.3
EMSC-20120614_0000084	KO.MRSB..HN.EMSC-20120614_0000084.h5	100	4.7	95.2
EMSC-20120614_0000084	KO.YKAV..HN.EMSC-20120614_0000084.h5	100	4.7	188.6
EMSC-20120614_0000084	TK.0705.00.HN.EMSC-20120614_0000084.h5	100	4.7	49.4
EMSC-20120614_0000084	TK.4803.00.HN.EMSC-20120614_0000084.h5	100	4.7	40.8
EMSC-20120614_0000084	TK.4810..HN.EMSC-20120614_0000084.h5	100	4.7	99.8
EMSC-20120614_0000108	GE.TNTI..HL.EMSC-20120614_0000108.h5	100	5.5	83.2
EMSC-20120619_0000007	HL.IACM..HN.EMSC-20120619_0000007.h5	100	4.4	135.5
EMSC-20120619_0000008	KO.ESKT..HN.EMSC-20120619_0000008.h5	100	4.6	154.6
EMSC-20120619_0000008	KO.GONE..HN.EMSC-20120619_0000008.h5	100	4.6	159.5
EMSC-20120619_0000008	KO.SMAA..HN.EMSC-20120619_0000008.h5	100	4.6	13.2
EMSC-20120619_0000008	TK.1009..HN.EMSC-20120619_0000008.h5	100	4.6	64.7
EMSC-20120619_0000008	TK.1610.00.HN.EMSC-20120619_0000008.h5	100	4.6	107.2
EMSC-20120619_0000008	TK.1611.00.HN.EMSC-20120619_0000008.h5	100	4.6	152.1
EMSC-20120619_0000008	TK.1613.00.HN.EMSC-20120619_0000008.h5	100	4.6	86.7
EMSC-20120619_0000008	TK.1618.00.HN.EMSC-20120619_0000008.h5	100	4.6	135.6
EMSC-20120619_0000008	TK.2603.00.HN.EMSC-20120619_0000008.h5	100	4.6	140.8
EMSC-20120619_0000008	TK.2612.00.HN.EMSC-20120619_0000008.h5	100	4.6	130.4
EMSC-20120619_0000008	TK.2614.00.HN.EMSC-20120619_0000008.h5	100	4.6	140.8
EMSC-20120619_0000008	TK.4304.00.HN.EMSC-20120619_0000008.h5	100	4.6	28.7
EMSC-20120619_0000008	TK.4305.00.HN.EMSC-20120619_0000008.h5	100	4.6	13.7
EMSC-20120619_0000008	TK.4306.00.HN.EMSC-20120619_0000008.h5	100	4.6	24.4
EMSC-20120619_0000008	TK.4504.00.HN.EMSC-20120619_0000008.h5	100	4.6	42.9
EMSC-20120619_0000008	TK.4505.00.HN.EMSC-20120619_0000008.h5	100	4.6	76.2
EMSC-20120619_0000008	TK.6401.00.HN.EMSC-20120619_0000008.h5	100	4.6	57.3
EMSC-20120623_0000068	KO.BOZY..HN.EMSC-20120623_0000068.h5	100	4.5	178.1
EMSC-20120623_0000068	KO.DEMR..HN.EMSC-20120623_0000068.h5	100	4.5	114.3

EMSC-20120623_0000068	KO.MNVG..HN.EMSC-20120623_0000068.h5	100	4.5	117.1
EMSC-20120624_0000067	IU.GNI.20.HN.EMSC-20120624_0000067.h5	100	4.9	184.5
EMSC-20120624_0000067	KO.ERCV..HN.EMSC-20120624_0000067.h5	100	4.9	40.7
EMSC-20120624_0000067	TK.4906.00.HN.EMSC-20120624_0000067.h5	100	4.9	105.4
EMSC-20120624_0000067	TK.6501.00.HN.EMSC-20120624_0000067.h5	100	4.9	31.7
EMSC-20120624_0000067	TK.6507..HN.EMSC-20120624_0000067.h5	100	4.9	65.2
EMSC-20120624_0000067	TK.6508.00.HN.EMSC-20120624_0000067.h5	100	4.9	31.7
EMSC-20120624_0000067	TK.6512.00.HN.EMSC-20120624_0000067.h5	100	4.9	31.3
EMSC-20120625_0000101	HL.KARP..HN.EMSC-20120625_0000101.h5	100	5	184.7
EMSC-20120625_0000101	KO.DATC..HN.EMSC-20120625_0000101.h5	100	5	123.1
EMSC-20120625_0000101	KO.DEMR..HN.EMSC-20120625_0000101.h5	100	5	87.4
EMSC-20120625_0000101	KO.DIDI..HN.EMSC-20120625_0000101.h5	100	5	189.1
EMSC-20120625_0000101	KO.MRSB..HN.EMSC-20120625_0000101.h5	100	5	77.6
EMSC-20120625_0000101	TK.0705.00.HN.EMSC-20120625_0000101.h5	100	5	65.3
EMSC-20120625_0000101	TK.0707.00.HN.EMSC-20120625_0000101.h5	100	5	144.1
EMSC-20120625_0000101	TK.0708.00.HN.EMSC-20120625_0000101.h5	100	5	120.9
EMSC-20120625_0000101	TK.0907.00.HN.EMSC-20120625_0000101.h5	100	5	177
EMSC-20120625_0000101	TK.0908.00.HN.EMSC-20120625_0000101.h5	100	5	180.1
EMSC-20120625_0000101	TK.0909.00.HN.EMSC-20120625_0000101.h5	100	5	182.9
EMSC-20120625_0000101	TK.2007.00.HN.EMSC-20120625_0000101.h5	100	5	174.2
EMSC-20120625_0000101	TK.2011.00.HN.EMSC-20120625_0000101.h5	100	5	153.1
EMSC-20120625_0000101	TK.4803.00.HN.EMSC-20120625_0000101.h5	100	5	33.3
EMSC-20120625_0000101	TK.4809.00.HN.EMSC-20120625_0000101.h5	100	5	153.7
EMSC-20120625_0000101	TK.4810..HN.EMSC-20120625_0000101.h5	100	5	82
EMSC-20120625_0000101	TK.4811.00.HN.EMSC-20120625_0000101.h5	100	5	71.1
EMSC-20120626_0000081	KO.AKDN..HN.EMSC-20120626_0000081.h5	100	4.2	143.6
EMSC-20120626_0000081	KO.AKIN..HN.EMSC-20120626_0000081.h5	100	4.2	190.8
EMSC-20120628_0000047	KO.ERCV..HN.EMSC-20120628_0000047.h5	100	4.1	31.5
EMSC-20120628_0000047	TK.6506.00.HN.EMSC-20120628_0000047.h5	100	4.1	31.4
EMSC-20120704_0000040	KO.ENZZ..HN.EMSC-20120704_0000040.h5	100	4.4	166.1
EMSC-20120704_0000040	KO.GOKC..HN.EMSC-20120704_0000040.h5	100	4.4	170.9
EMSC-20120704_0000040	KO.GONE..HN.EMSC-20120704_0000040.h5	100	4.4	20.9
EMSC-20120704_0000040	KO.KRBN..HN.EMSC-20120704_0000040.h5	100	4.4	189.8
EMSC-20120704_0000040	KO.SMAA..HN.EMSC-20120704_0000040.h5	100	4.4	132.6
EMSC-20120704_0000040	TK.1014.00.HN.EMSC-20120704_0000040.h5	100	4.4	28.3
EMSC-20120704_0000040	TK.1613.00.HN.EMSC-20120704_0000040.h5	100	4.4	114.5
EMSC-20120704_0000050	IV.JOPP..HN.EMSC-20120704_0000050.h5	100	4.6	159.3
EMSC-20120704_0000050	IV.SERS..HN.EMSC-20120704_0000050.h5	100	4.6	186.3
EMSC-20120704_0000060	IV.JOPP..HN.EMSC-20120704_0000060.h5	100	4.3	66.8
EMSC-20120704_0000060	IV.SERS..HN.EMSC-20120704_0000060.h5	100	4.3	149.7
EMSC-20120706_0000006	G.SANVU.00.HN.EMSC-20120706_0000006.h5	100	6.3	88.7
EMSC-20120706_0000080	EU.VRI.00.HN.EMSC-20120706_0000080.h5	100	4.1	14.5
EMSC-20120706_0000080	GE.TIRR..HN.EMSC-20120706_0000080.h5	100	4.1	199.1

EMSC-20120706_0000080	RO.BUC1.00.HN.EMSC-20120706_0000080.h5	100	4.1	163
EMSC-20120706_0000080	RO.CFR.00.HN.EMSC-20120706_0000080.h5	100	4.1	132
EMSC-20120706_0000080	RO.CNCR..HN.EMSC-20120706_0000080.h5	100	4.1	148
EMSC-20120706_0000080	RO.GHRR..HN.EMSC-20120706_0000080.h5	100	4.1	68.2
EMSC-20120706_0000080	RO.HUMR..HN.EMSC-20120706_0000080.h5	100	4.1	188.8
EMSC-20120706_0000080	RO.IAS..HN.EMSC-20120706_0000080.h5	100	4.1	175
EMSC-20120706_0000080	RO.ISR.00.HN.EMSC-20120706_0000080.h5	100	4.1	70.3
EMSC-20120706_0000080	RO.LEOM..HN.EMSC-20120706_0000080.h5	100	4.1	147.3
EMSC-20120706_0000080	RO.MLR..HN.EMSC-20120706_0000080.h5	100	4.1	62.1
EMSC-20120706_0000080	RO.PETR..HN.EMSC-20120706_0000080.h5	100	4.1	45
EMSC-20120706_0000080	RO.PLOR..HN.EMSC-20120706_0000080.h5	100	4.1	11.7
EMSC-20120706_0000080	RO.PLOR1..HN.EMSC-20120706_0000080.h5	100	4.1	11.8
EMSC-20120706_0000080	RO.PLOR4..HN.EMSC-20120706_0000080.h5	100	4.1	11.7
EMSC-20120706_0000080	RO.SULR..HN.EMSC-20120706_0000080.h5	100	4.1	122.9
EMSC-20120706_0000080	RO.TESR..HN.EMSC-20120706_0000080.h5	100	4.1	85.1
EMSC-20120706_0000080	RO.TLB..HN.EMSC-20120706_0000080.h5	100	4.1	168.9
EMSC-20120706_0000080	RO.VOIR..HN.EMSC-20120706_0000080.h5	100	4.1	129.8
EMSC-20120707_0000028	TK.5401.00.HN.EMSC-20120707_0000028.h5	100	4	8.3
EMSC-20120707_0000033	HL.IACM..HN.EMSC-20120707_0000033.h5	100	4.1	196.5
EMSC-20120707_0000063	MN.PDG..HL.EMSC-20120707_0000063.h5	100	4.1	183.7
EMSC-20120707_0000110	CN.LGNH..HN.EMSC-20120707_0000110.h5	100	5.1	158.1
EMSC-20120709_0000050	HL.KARP..HN.EMSC-20120709_0000050.h5	100	5.7	162.2
EMSC-20120709_0000050	KO.DATC..HN.EMSC-20120709_0000050.h5	100	5.7	173.3
EMSC-20120709_0000050	KO.DEMR..HN.EMSC-20120709_0000050.h5	100	5.7	111.8
EMSC-20120709_0000050	KO.KEMT..HN.EMSC-20120709_0000050.h5	100	5.7	182.8
EMSC-20120709_0000050	KO.MRSB..HN.EMSC-20120709_0000050.h5	100	5.7	141.4
EMSC-20120709_0000050	TK.0702.00.HN.EMSC-20120709_0000050.h5	100	5.7	153.8
EMSC-20120709_0000050	TK.0705.00.HN.EMSC-20120709_0000050.h5	100	5.7	90.7
EMSC-20120709_0000050	TK.0708.00.HN.EMSC-20120709_0000050.h5	100	5.7	146.4
EMSC-20120709_0000050	TK.4803.00.HN.EMSC-20120709_0000050.h5	100	5.7	115.3
EMSC-20120709_0000050	TK.4810..HN.EMSC-20120709_0000050.h5	100	5.7	151.7
EMSC-20120709_0000050	TK.4811.00.HN.EMSC-20120709_0000050.h5	100	5.7	154.1
EMSC-20120712_0000008	EU.VRI.00.HN.EMSC-20120712_0000008.h5	100	4.1	25
EMSC-20120712_0000008	RO.ARR..HN.EMSC-20120712_0000008.h5	100	4.1	151.7
EMSC-20120712_0000008	RO.CNCR..HN.EMSC-20120712_0000008.h5	100	4.1	140.5
EMSC-20120712_0000008	RO.GHRR..HN.EMSC-20120712_0000008.h5	100	4.1	80.2
EMSC-20120712_0000008	RO.HUMR..HN.EMSC-20120712_0000008.h5	100	4.1	177.4
EMSC-20120712_0000008	RO.IAS..HN.EMSC-20120712_0000008.h5	100	4.1	184.5
EMSC-20120712_0000008	RO.LEOM..HN.EMSC-20120712_0000008.h5	100	4.1	159.3
EMSC-20120712_0000008	RO.MLR..HN.EMSC-20120712_0000008.h5	100	4.1	50.1
EMSC-20120712_0000008	RO.PETR..HN.EMSC-20120712_0000008.h5	100	4.1	55.6
EMSC-20120712_0000008	RO.PLOR..HN.EMSC-20120712_0000008.h5	100	4.1	20.2
EMSC-20120712_0000008	RO.PLOR1..HN.EMSC-20120712_0000008.h5	100	4.1	20.1

EMSC-20120712_0000008	RO.PLOR4..HN.EMSC-20120712_0000008.h5	100	4.1	20.2
EMSC-20120712_0000008	RO.SULR..HN.EMSC-20120712_0000008.h5	100	4.1	115
EMSC-20120712_0000008	RO.TESR..HN.EMSC-20120712_0000008.h5	100	4.1	91.3
EMSC-20120712_0000008	RO.TLB..HN.EMSC-20120712_0000008.h5	100	4.1	172
EMSC-20120712_0000008	RO.VOIR..HN.EMSC-20120712_0000008.h5	100	4.1	118.1
EMSC-20120718_0000062	KO.MRSB..HN.EMSC-20120718_0000062.h5	100	4	50.9
EMSC-20120718_0000062	TK.4801.00.HN.EMSC-20120718_0000062.h5	100	4	6.2
EMSC-20120718_0000066	CX.PATCX..HL.EMSC-20120718_0000066.h5	100	5.1	26.2
EMSC-20120718_0000068	HL.IACM..HN.EMSC-20120718_0000068.h5	100	4.8	123.7
EMSC-20120720_0000078	KO.ERCV..HN.EMSC-20120720_0000078.h5	100	4.3	39.6
EMSC-20120722_0000013	HL.IACM..HN.EMSC-20120722_0000013.h5	100	4	79.8
EMSC-20120722_0000030	KO.KRTD..HN.EMSC-20120722_0000030.h5	100	4.6	136.8
EMSC-20120722_0000030	KO.NIG..HN.EMSC-20120722_0000030.h5	100	4.6	164.8
EMSC-20120722_0000030	TK.2701.00.HN.EMSC-20120722_0000030.h5	100	4.6	65
EMSC-20120722_0000030	TK.2702.00.HN.EMSC-20120722_0000030.h5	100	4.6	54
EMSC-20120722_0000030	TK.3109.00.HN.EMSC-20120722_0000030.h5	100	4.6	109.3
EMSC-20120722_0000030	TK.4601.00.HN.EMSC-20120722_0000030.h5	100	4.6	55.2
EMSC-20120722_0000030	TK.4604.00.HN.EMSC-20120722_0000030.h5	100	4.6	0.3
EMSC-20120722_0000030	TK.4611.00.HN.EMSC-20120722_0000030.h5	100	4.6	84.1
EMSC-20120722_0000030	TK.4612.00.HN.EMSC-20120722_0000030.h5	100	4.6	51.8
EMSC-20120722_0000030	TK.8001.00.HN.EMSC-20120722_0000030.h5	100	4.6	54.2
EMSC-20120722_0000030	TK.8002.00.HN.EMSC-20120722_0000030.h5	100	4.6	45.5
EMSC-20120724_0000088	KO.ERCV..HN.EMSC-20120724_0000088.h5	100	4.4	39.9
EMSC-20120725_0000044	IU.HNR.20.HN.EMSC-20120725_0000044.h5	100	6.4	37.2
EMSC-20120725_0000079	KO.FOCM..HN.EMSC-20120725_0000079.h5	100	4.2	195.9
EMSC-20120725_0000079	KO.GONE..HN.EMSC-20120725_0000079.h5	100	4.2	134.3
EMSC-20120727_0000052	MN.BLY..HL.EMSC-20120727_0000052.h5	100	4.5	86.1
EMSC-20120728_0000066	KO.AKIN..HN.EMSC-20120728_0000066.h5	100	4.4	80.1
EMSC-20120730_0000024	MN.BLY..HL.EMSC-20120730_0000024.h5	100	4.2	84.1
EMSC-20120731_0000076	KO.ERCV..HN.EMSC-20120731_0000076.h5	100	4.3	44.6
EMSC-20120731_0000076	TK.1303.00.HN.EMSC-20120731_0000076.h5	100	4.3	32.3
EMSC-20120803_0000072	MN.BLY..HL.EMSC-20120803_0000072.h5	100	4.5	88
EMSC-20120804_0000008	KO.FOCM..HN.EMSC-20120804_0000008.h5	100	4.2	116.5
EMSC-20120804_0000008	KO.GONE..HN.EMSC-20120804_0000008.h5	100	4.2	152.8
EMSC-20120804_0000008	KO.KRBN..HN.EMSC-20120804_0000008.h5	100	4.2	132.6
EMSC-20120804_0000008	KO.SMAA..HN.EMSC-20120804_0000008.h5	100	4.2	90.4
EMSC-20120804_0000052	G.PEL.00.HN.EMSC-20120804_0000052.h5	100	5	183
EMSC-20120805_0000048	KO.ERCV..HN.EMSC-20120805_0000048.h5	100	5.1	185.6
EMSC-20120805_0000048	TK.1302.00.HN.EMSC-20120805_0000048.h5	100	5.1	141.9
EMSC-20120805_0000048	TK.4701.00.HN.EMSC-20120805_0000048.h5	100	5.1	199.7
EMSC-20120805_0000048	TK.4702.00.HN.EMSC-20120805_0000048.h5	100	5.1	143.5
EMSC-20120805_0000048	TK.6507..HN.EMSC-20120805_0000048.h5	100	5.1	103.3
EMSC-20120805_0000048	TK.7301.00.HN.EMSC-20120805_0000048.h5	100	5.1	49.2

EMSC-20120807_0000023	GE.IMMV..HN.EMSC-20120807_0000023.h5	100	4.5	120.4
EMSC-20120807_0000023	HL.IMMV..HN.EMSC-20120807_0000023.h5	100	4.5	120.5
EMSC-20120807_0000076	KO.FOCM..HN.EMSC-20120807_0000076.h5	100	4	114.5
EMSC-20120807_0000076	KO.GONE..HN.EMSC-20120807_0000076.h5	100	4	152.6
EMSC-20120807_0000076	KO.SMAA..HN.EMSC-20120807_0000076.h5	100	4	92.4
EMSC-20120807_0000077	KO.FOCM..HN.EMSC-20120807_0000077.h5	100	4.2	115.3
EMSC-20120807_0000077	KO.GONE..HN.EMSC-20120807_0000077.h5	100	4.2	151.6
EMSC-20120807_0000077	KO.SMAA..HN.EMSC-20120807_0000077.h5	100	4.2	91.1
EMSC-20120812_0000003	IV.ACER..HN.EMSC-20120812_0000003.h5	100	4.2	107.6
EMSC-20120812_0000003	IV.BSSO..HN.EMSC-20120812_0000003.h5	100	4.2	139.8
EMSC-20120812_0000003	IV.BULG..HN.EMSC-20120812_0000003.h5	100	4.2	197.4
EMSC-20120812_0000003	IV.CERA..HN.EMSC-20120812_0000003.h5	100	4.2	186.8
EMSC-20120812_0000003	IV.MCEL..HN.EMSC-20120812_0000003.h5	100	4.2	160.3
EMSC-20120812_0000003	IV.MRLC..HN.EMSC-20120812_0000003.h5	100	4.2	125.4
EMSC-20120812_0000003	IV.MSAG..HN.EMSC-20120812_0000003.h5	100	4.2	28.7
EMSC-20120812_0000003	IV.RNI2..HN.EMSC-20120812_0000003.h5	100	4.2	174.9
EMSC-20120812_0000003	IV.SACR..HN.EMSC-20120812_0000003.h5	100	4.2	134.3
EMSC-20120812_0000003	IV.SIRI..HN.EMSC-20120812_0000003.h5	100	4.2	174.6
EMSC-20120812_0000003	IV.T0701..HN.EMSC-20120812_0000003.h5	100	4.2	193.6
EMSC-20120812_0000003	IV.VAGA..HN.EMSC-20120812_0000003.h5	100	4.2	172
EMSC-20120814_0000031	IV.JOPP..HN.EMSC-20120814_0000031.h5	100	3.8	98
EMSC-20120814_0000031	IV.MCEL..HN.EMSC-20120814_0000031.h5	100	3.8	101.5
EMSC-20120814_0000031	IV.SALB..HN.EMSC-20120814_0000031.h5	100	3.8	86.7
EMSC-20120814_0000031	IV.T0701..HN.EMSC-20120814_0000031.h5	100	3.8	80
EMSC-20120819_0000056	IU.GNI.20.HN.EMSC-20120819_0000056.h5	100	4.1	101.8
EMSC-20120819_0000056	KO.ERCV..HN.EMSC-20120819_0000056.h5	100	4.1	79
EMSC-20120819_0000073	IU.GNI.20.HN.EMSC-20120819_0000073.h5	100	4.3	101.6
EMSC-20120819_0000073	KO.ERCV..HN.EMSC-20120819_0000073.h5	100	4.3	78.8
EMSC-20120826_0000064	AZ.BZN..HN.EMSC-20120826_0000064.h5	100	5.4	117.4
EMSC-20120826_0000064	AZ.FRD..HN.EMSC-20120826_0000064.h5	100	5.4	112.2
EMSC-20120826_0000064	AZ.LVA2..HN.EMSC-20120826_0000064.h5	100	5.4	102.1
EMSC-20120826_0000064	AZ.MONP2..HN.EMSC-20120826_0000064.h5	100	5.4	83.6
EMSC-20120826_0000064	AZ.PFO..HN.EMSC-20120826_0000064.h5	100	5.4	107.9
EMSC-20120826_0000064	AZ.SND..HN.EMSC-20120826_0000064.h5	100	5.4	116.1
EMSC-20120826_0000064	AZ.TRO..HN.EMSC-20120826_0000064.h5	100	5.4	99.7
EMSC-20120826_0000064	AZ.WMC..HN.EMSC-20120826_0000064.h5	100	5.4	122.3
EMSC-20120826_0000064	CI.DRE..HN.EMSC-20120826_0000064.h5	100	5.4	25.2
EMSC-20120828_0000070	IV.CELI..HN.EMSC-20120828_0000070.h5	100	4.6	142.9
EMSC-20120828_0000070	IV.JOPP..HN.EMSC-20120828_0000070.h5	100	4.6	40.3
EMSC-20120828_0000070	IV.SALB..HN.EMSC-20120828_0000070.h5	100	4.6	186.8
EMSC-20120828_0000070	IV.SERS..HN.EMSC-20120828_0000070.h5	100	4.6	118.7
EMSC-20120831_0000063	RO.CNCR..HN.EMSC-20120831_0000063.h5	100	4.1	116.4
EMSC-20120831_0000063	RO.GHRR..HN.EMSC-20120831_0000063.h5	100	4.1	105.6

EMSC-20120831_0000063	RO.HUMR..HN.EMSC-20120831_0000063.h5	100	4.1	150.4
EMSC-20120831_0000063	RO.MLR..HN.EMSC-20120831_0000063.h5	100	4.1	29.4
EMSC-20120831_0000063	RO.PLOR..HN.EMSC-20120831_0000063.h5	100	4.1	47.5
EMSC-20120831_0000063	RO.PLOR1..HN.EMSC-20120831_0000063.h5	100	4.1	47.5
EMSC-20120831_0000063	RO.PLOR4..HN.EMSC-20120831_0000063.h5	100	4.1	47.5
EMSC-20120831_0000063	RO.SULR..HN.EMSC-20120831_0000063.h5	100	4.1	90.5
EMSC-20120831_0000063	RO.TESR..HN.EMSC-20120831_0000063.h5	100	4.1	116.3
EMSC-20120831_0000063	RO.TLB..HN.EMSC-20120831_0000063.h5	100	4.1	168.8
EMSC-20120831_0000063	RO.VOIR..HN.EMSC-20120831_0000063.h5	100	4.1	99.7
EMSC-20120902_0000033	IU.KBS.20.HN.EMSC-20120902_0000033.h5	100	5.2	125.7
EMSC-20120903_0000051	GE.IMMV..HN.EMSC-20120903_0000051.h5	100	4	178.5
EMSC-20120903_0000051	HL.IACM..HN.EMSC-20120903_0000051.h5	100	4	91.2
EMSC-20120904_0000077	MN.PDG..HL.EMSC-20120904_0000077.h5	100	3.9	151.8
EMSC-20120905_0000051	G.HDC.00.HN.EMSC-20120905_0000051.h5	100	7.6	132.3
EMSC-20120905_0000053	KO.FOCM..HN.EMSC-20120905_0000053.h5	100	4	81.5
EMSC-20120905_0000053	KO.SMAA..HN.EMSC-20120905_0000053.h5	100	4	119.5
EMSC-20120908_0000030	TK.4606.00.HN.EMSC-20120908_0000030.h5	100	4.1	11.5
EMSC-20120908_0000030	TK.4607.00.HN.EMSC-20120908_0000030.h5	100	4.1	28.7
EMSC-20120908_0000030	TK.4608.00.HN.EMSC-20120908_0000030.h5	100	4.1	23.2
EMSC-20120908_0000030	TK.7901.00.HN.EMSC-20120908_0000030.h5	100	4.1	65
EMSC-20120909_0000022	GE.IMMV..HN.EMSC-20120909_0000022.h5	100	4.3	160.2
EMSC-20120909_0000022	HL.IACM..HN.EMSC-20120909_0000022.h5	100	4.3	180.2
EMSC-20120909_0000022	HL.IMMV..HN.EMSC-20120909_0000022.h5	100	4.3	160.1
EMSC-20120909_0000053	EU.VRI.00.HN.EMSC-20120909_0000053.h5	100	4	30
EMSC-20120909_0000053	RO.CNCR..HN.EMSC-20120909_0000053.h5	100	4	138.1
EMSC-20120909_0000053	RO.GHRR..HN.EMSC-20120909_0000053.h5	100	4	85.7
EMSC-20120909_0000053	RO.HUMR..HN.EMSC-20120909_0000053.h5	100	4	172.4
EMSC-20120909_0000053	RO.IAS..HN.EMSC-20120909_0000053.h5	100	4	188.4
EMSC-20120909_0000053	RO.LEOM..HN.EMSC-20120909_0000053.h5	100	4	164.7
EMSC-20120909_0000053	RO.MLR..HN.EMSC-20120909_0000053.h5	100	4	44.5
EMSC-20120909_0000053	RO.PETR..HN.EMSC-20120909_0000053.h5	100	4	61.2
EMSC-20120909_0000053	RO.PLOR..HN.EMSC-20120909_0000053.h5	100	4	24.7
EMSC-20120909_0000053	RO.PLOR1..HN.EMSC-20120909_0000053.h5	100	4	24.6
EMSC-20120909_0000053	RO.PLOR4..HN.EMSC-20120909_0000053.h5	100	4	24.7
EMSC-20120909_0000053	RO.SULR..HN.EMSC-20120909_0000053.h5	100	4	112.4
EMSC-20120909_0000053	RO.TESR..HN.EMSC-20120909_0000053.h5	100	4	93.8
EMSC-20120909_0000053	RO.TLB..HN.EMSC-20120909_0000053.h5	100	4	174.6
EMSC-20120909_0000053	RO.VOIR..HN.EMSC-20120909_0000053.h5	100	4	112.5
EMSC-20120912_0000014	GE.IMMV..HN.EMSC-20120912_0000014.h5	100	5.3	70.5
EMSC-20120912_0000014	HL.IACM..HN.EMSC-20120912_0000014.h5	100	5.3	106
EMSC-20120912_0000022	GE.IMMV..HN.EMSC-20120912_0000022.h5	100	4.2	160.9
EMSC-20120912_0000022	HL.IACM..HN.EMSC-20120912_0000022.h5	100	4.2	192.8
EMSC-20120912_0000022	HL.IMMV..HN.EMSC-20120912_0000022.h5	100	4.2	160.8

EMSC-20120916_0000017	G.HDC.00.HN.EMSC-20120916_0000017.h5	100	5.2	148.8
EMSC-20120917_0000067	G.SANVU.00.HN.EMSC-20120917_0000067.h5	100	5	67.5
EMSC-20120919_0000033	KO.KRTD..HN.EMSC-20120919_0000033.h5	100	5	168.9
EMSC-20120919_0000033	TK.0120.00.HN.EMSC-20120919_0000033.h5	100	5	130.2
EMSC-20120919_0000033	TK.0205.00.HN.EMSC-20120919_0000033.h5	100	5	145.1
EMSC-20120919_0000033	TK.0206.00.HN.EMSC-20120919_0000033.h5	100	5	82.2
EMSC-20120919_0000033	TK.0208.00.HN.EMSC-20120919_0000033.h5	100	5	73.1
EMSC-20120919_0000033	TK.2701.00.HN.EMSC-20120919_0000033.h5	100	5	50.9
EMSC-20120919_0000033	TK.2703.00.HN.EMSC-20120919_0000033.h5	100	5	35.2
EMSC-20120919_0000033	TK.2704.00.HN.EMSC-20120919_0000033.h5	100	5	70.7
EMSC-20120919_0000033	TK.3101.00.HN.EMSC-20120919_0000033.h5	100	5	146.6
EMSC-20120919_0000033	TK.3105.00.HN.EMSC-20120919_0000033.h5	100	5	75.8
EMSC-20120919_0000033	TK.3108.00.HN.EMSC-20120919_0000033.h5	100	5	111.3
EMSC-20120919_0000033	TK.3109.00.HN.EMSC-20120919_0000033.h5	100	5	100
EMSC-20120919_0000033	TK.4606.00.HN.EMSC-20120919_0000033.h5	100	5	10.3
EMSC-20120919_0000033	TK.4607.00.HN.EMSC-20120919_0000033.h5	100	5	27.3
EMSC-20120919_0000033	TK.4608.00.HN.EMSC-20120919_0000033.h5	100	5	24.2
EMSC-20120919_0000033	TK.4609.00.HN.EMSC-20120919_0000033.h5	100	5	34.4
EMSC-20120919_0000033	TK.4612.00.HN.EMSC-20120919_0000033.h5	100	5	96.8
EMSC-20120919_0000033	TK.6304.00.HN.EMSC-20120919_0000033.h5	100	5	125.9
EMSC-20120919_0000033	TK.7901.00.HN.EMSC-20120919_0000033.h5	100	5	65.7
EMSC-20120919_0000033	TK.8001.00.HN.EMSC-20120919_0000033.h5	100	5	77.1
EMSC-20120919_0000033	TK.8002.00.HN.EMSC-20120919_0000033.h5	100	5	48.8
EMSC-20120919_0000097	TK.2703.00.HN.EMSC-20120919_0000097.h5	100	4.2	36.4
EMSC-20120919_0000097	TK.4606.00.HN.EMSC-20120919_0000097.h5	100	4.2	9.8
EMSC-20120919_0000097	TK.4608.00.HN.EMSC-20120919_0000097.h5	100	4.2	23.1
EMSC-20120919_0000097	TK.4609.00.HN.EMSC-20120919_0000097.h5	100	4.2	33.2
EMSC-20120919_0000097	TK.6304.00.HN.EMSC-20120919_0000097.h5	100	4.2	126.6
EMSC-20120919_0000097	TK.7901.00.HN.EMSC-20120919_0000097.h5	100	4.2	66.6
EMSC-20120921_0000023	GE.IMMV..HN.EMSC-20120921_0000023.h5	100	5	120
EMSC-20120921_0000023	HL.IMMV..HN.EMSC-20120921_0000023.h5	100	5	120.1
EMSC-20120921_0000058	GE.IMMV..HN.EMSC-20120921_0000058.h5	100	4.7	110.2
EMSC-20120921_0000058	HL.IMMV..HN.EMSC-20120921_0000058.h5	100	4.7	110.2
EMSC-20120922_0000006	HL.KARP..HN.EMSC-20120922_0000006.h5	100	4.2	47.1
EMSC-20120924_0000039	KO.ERCV..HN.EMSC-20120924_0000039.h5	100	4	65
EMSC-20120925_0000064	IU.HNR.20.HN.EMSC-20120925_0000064.h5	100	5.2	40.7
EMSC-20120926_0000078	IU.ADK.20.HN.EMSC-20120926_0000078.h5	100	6.4	115.9
EMSC-20120929_0000003	IV.CELI..HN.EMSC-20120929_0000003.h5	100	4.5	177.6
EMSC-20120929_0000003	IV.JOPP..HN.EMSC-20120929_0000003.h5	100	4.5	93.4
EMSC-20120929_0000010	HL.KARP..HN.EMSC-20120929_0000010.h5	100	4.2	70.1
EMSC-20120929_0000010	KO.DATC..HN.EMSC-20120929_0000010.h5	100	4.2	168.7
EMSC-20120929_0000017	HL.KARP..HN.EMSC-20120929_0000017.h5	100	4.6	68.6
EMSC-20120929_0000017	KO.DATC..HN.EMSC-20120929_0000017.h5	100	4.6	164.8

EMSC-20120929_0000017	KO.MRSB..HN.EMSC-20120929_0000017.h5	100	4.6	162.4
EMSC-20121001_0000044	EU.VRI.00.HN.EMSC-20121001_0000044.h5	100	4.2	14.1
EMSC-20121001_0000044	GE.TIRR..HN.EMSC-20121001_0000044.h5	100	4.2	199.6
EMSC-20121001_0000044	RO.ARR..HN.EMSC-20121001_0000044.h5	100	4.2	163.2
EMSC-20121001_0000044	RO.CNCR..HN.EMSC-20121001_0000044.h5	100	4.2	148.4
EMSC-20121001_0000044	RO.PLOR..HN.EMSC-20121001_0000044.h5	100	4.2	11.2
EMSC-20121001_0000044	RO.PLOR1..HN.EMSC-20121001_0000044.h5	100	4.2	11.3
EMSC-20121001_0000044	RO.PLOR4..HN.EMSC-20121001_0000044.h5	100	4.2	11.2
EMSC-20121001_0000044	RO.GHRR..HN.EMSC-20121001_0000044.h5	100	4.2	68.1
EMSC-20121001_0000044	RO.HUMR..HN.EMSC-20121001_0000044.h5	100	4.2	189
EMSC-20121001_0000044	RO.IAS..HN.EMSC-20121001_0000044.h5	100	4.2	174.7
EMSC-20121001_0000044	RO.LEOM..HN.EMSC-20121001_0000044.h5	100	4.2	147.2
EMSC-20121001_0000044	RO.PETR..HN.EMSC-20121001_0000044.h5	100	4.2	45.3
EMSC-20121001_0000044	RO.SULR..HN.EMSC-20121001_0000044.h5	100	4.2	123.2
EMSC-20121001_0000044	RO.TLB..HN.EMSC-20121001_0000044.h5	100	4.2	169.4
EMSC-20121001_0000044	RO.VOIR..HN.EMSC-20121001_0000044.h5	100	4.2	129.7
EMSC-20121005_0000039	IU.ANTO.20.HN.EMSC-20121005_0000039.h5	100	4.5	104
EMSC-20121005_0000039	KO.NIG..HN.EMSC-20121005_0000039.h5	100	4.5	156.1
EMSC-20121006_0000059	KO.GOKC..HN.EMSC-20121006_0000059.h5	100	4.5	55.7
EMSC-20121007_0000010	RM.SZP..HN.EMSC-20121007_0000010.h5	100	5.6	121.1
EMSC-20121008_0000016	MN.BLY..HL.EMSC-20121008_0000016.h5	100	4.3	74.6
EMSC-20121009_0000002	KO.DATC..HN.EMSC-20121009_0000002.h5	100	4.2	161.4
EMSC-20121009_0000002	KO.MRSB..HN.EMSC-20121009_0000002.h5	100	4.2	163.2
EMSC-20121011_0000057	G.PEL.00.HN.EMSC-20121011_0000057.h5	100	5.5	46
EMSC-20121012_0000052	G.HDC.00.HN.EMSC-20121012_0000052.h5	100	5	47.9
EMSC-20121015_0000049	G.PEL.00.HN.EMSC-20121015_0000049.h5	100	5	180.7
EMSC-20121016_0000066	IV.ACER..HN.EMSC-20121016_0000066.h5	100	4.8	125.1
EMSC-20121016_0000066	IV.BULG..HN.EMSC-20121016_0000066.h5	100	4.8	55
EMSC-20121016_0000066	IV.CELI..HN.EMSC-20121016_0000066.h5	100	4.8	72.3
EMSC-20121016_0000066	IV.JOPP..HN.EMSC-20121016_0000066.h5	100	4.8	118.7
EMSC-20121016_0000066	IV.MCEL..HN.EMSC-20121016_0000066.h5	100	4.8	72.9
EMSC-20121016_0000066	IV.MRLC..HN.EMSC-20121016_0000066.h5	100	4.8	122.5
EMSC-20121016_0000066	IV.SALB..HN.EMSC-20121016_0000066.h5	100	4.8	56.6
EMSC-20121016_0000066	IV.SERS..HN.EMSC-20121016_0000066.h5	100	4.8	107.8
EMSC-20121016_0000066	IV.SIRI..HN.EMSC-20121016_0000066.h5	100	4.8	57.8
EMSC-20121020_0000004	KO.DATC..HN.EMSC-20121020_0000004.h5	100	4.1	62
EMSC-20121020_0000004	KO.MRSB..HN.EMSC-20121020_0000004.h5	100	4.1	22.8
EMSC-20121021_0000038	NC.BBGB..HN.EMSC-20121021_0000038.h5	100	5.3	34.1
EMSC-20121024_0000002	G.HDC.00.HN.EMSC-20121024_0000002.h5	100	6.5	130.4
EMSC-20121109_0000001	GE.IMMV..HN.EMSC-20121109_0000001.h5	100	4	106.1
EMSC-20121109_0000013	KO.DATC..HN.EMSC-20121109_0000013.h5	100	4	30.8
EMSC-20121109_0000013	KO.MRSB..HN.EMSC-20121109_0000013.h5	100	4	24.4
EMSC-20121112_0000088	MN.PDG..HL.EMSC-20121112_0000088.h5	100	4.3	25

EMSC-20121113_0000018	CN.DIB..HN.EMSC-20121113_0000018.h5	100	5.1	62.9
EMSC-20121113_0000114	MN.PDG..HL.EMSC-20121113_0000114.h5	100	4.5	26.7
EMSC-20121113_0000120	KO.KRTD..HN.EMSC-20121113_0000120.h5	100	4.7	173.5
EMSC-20121113_0000120	TK.4606.00.HN.EMSC-20121113_0000120.h5	100	4.7	8.2
EMSC-20121114_0000001	KO.KRTD..HN.EMSC-20121114_0000001.h5	100	4.4	175.2
EMSC-20121114_0000001	TK.3104.00.HN.EMSC-20121114_0000001.h5	100	4.4	92.2
EMSC-20121114_0000001	TK.3105.00.HN.EMSC-20121114_0000001.h5	100	4.4	81.8
EMSC-20121114_0000001	TK.4601.00.HN.EMSC-20121114_0000001.h5	100	4.4	28.2
EMSC-20121114_0000001	TK.4606.00.HN.EMSC-20121114_0000001.h5	100	4.4	6.9
EMSC-20121114_0000001	TK.4607.00.HN.EMSC-20121114_0000001.h5	100	4.4	21.5
EMSC-20121114_0000001	TK.4608.00.HN.EMSC-20121114_0000001.h5	100	4.4	28.8
EMSC-20121114_0000001	TK.4609.00.HN.EMSC-20121114_0000001.h5	100	4.4	35
EMSC-20121114_0000067	KO.DEMR..HN.EMSC-20121114_0000067.h5	100	4.8	40.7
EMSC-20121114_0000067	KO.MRSB..HN.EMSC-20121114_0000067.h5	100	4.8	169.3
EMSC-20121115_0000019	GE.IMMV..HN.EMSC-20121115_0000019.h5	100	4.2	78.4
EMSC-20121117_0000007	G.SANVU.00.HN.EMSC-20121117_0000007.h5	100	5.6	57.6
EMSC-20121119_0000086	G.PEL.00.HN.EMSC-20121119_0000086.h5	100	5	163.9
EMSC-20121120_0000078	G.PEL.00.HN.EMSC-20121120_0000078.h5	100	5.4	170.1
EMSC-20121120_0000092	TK.2411.00.HN.EMSC-20121120_0000092.h5	100	4.3	53.9
EMSC-20121121_0000077	G.PEL.00.HN.EMSC-20121121_0000077.h5	100	5.1	158.6
EMSC-20121121_0000087	G.PEL.00.HN.EMSC-20121121_0000087.h5	100	5.9	141.6
EMSC-20121121_0000094	G.PEL.00.HN.EMSC-20121121_0000094.h5	100	5.2	149.5
EMSC-20121122_0000039	IV.JOPP..HN.EMSC-20121122_0000039.h5	100	4.1	122.7
EMSC-20121122_0000039	MN.CEL..HN.EMSC-20121122_0000039.h5	100	4.1	98.6
EMSC-20121124_0000056	IU.GNI.20.HN.EMSC-20121124_0000056.h5	100	4.5	178.9
EMSC-20121124_0000080	KO.DATC..HN.EMSC-20121124_0000080.h5	100	4.5	31.9
EMSC-20121124_0000080	KO.GMLD..HN.EMSC-20121124_0000080.h5	100	4.5	190.7
EMSC-20121124_0000080	KO.MRSB..HN.EMSC-20121124_0000080.h5	100	4.5	31.6
EMSC-20121124_0000088	KO.GMLD..HN.EMSC-20121124_0000088.h5	100	4.5	190.7
EMSC-20121124_0000088	KO.MRSB..HN.EMSC-20121124_0000088.h5	100	4.5	27.6
EMSC-20121124_0000089	KO.DATC..HN.EMSC-20121124_0000089.h5	100	4	32.9
EMSC-20121124_0000089	KO.MRSB..HN.EMSC-20121124_0000089.h5	100	4	26
EMSC-20121126_0000159	MN.PDG..HL.EMSC-20121126_0000159.h5	100	4.1	118.4
EMSC-20121127_0000185	MN.PDG..HL.EMSC-20121127_0000185.h5	100	3.9	187.1
EMSC-20121128_0000020	MN.PDG..HL.EMSC-20121128_0000020.h5	100	4.1	67.7
EMSC-20121129_0000069	KO.DATC..HN.EMSC-20121129_0000069.h5	100	4.2	86.8
EMSC-20121130_0000011	KO.MRSB..HN.EMSC-20121130_0000011.h5	100	3.9	68.2
EMSC-20121201_0000013	TK.0205.00.HN.EMSC-20121201_0000013.h5	100	4.1	44.6
EMSC-20121201_0000013	TK.6304.00.HN.EMSC-20121201_0000013.h5	100	4.1	19.3
EMSC-20121201_0000093	BS.SILAM..HN.EMSC-20121201_0000093.h5	100	4.7	192.3
EMSC-20121201_0000093	EU.VRI.00.HN.EMSC-20121201_0000093.h5	100	4.7	8.1
EMSC-20121201_0000093	GE.TIRR..HN.EMSC-20121201_0000093.h5	100	4.7	198.5
EMSC-20121201_0000093	RO.ARR..HN.EMSC-20121201_0000093.h5	100	4.7	171

EMSC-20121201_0000093	RO.BUC1.00.HN.EMSC-20121201_0000093.h5	100	4.7	170.1
EMSC-20121201_0000093	RO.CFR.00.HN.EMSC-20121201_0000093.h5	100	4.7	128.9
EMSC-20121201_0000093	RO.CLISU..HN.EMSC-20121201_0000093.h5	100	4.7	184.7
EMSC-20121201_0000093	RO.CNCR..HN.EMSC-20121201_0000093.h5	100	4.7	154.6
EMSC-20121201_0000093	RO.GHRR..HN.EMSC-20121201_0000093.h5	100	4.7	59.8
EMSC-20121201_0000093	RO.HUMR..HN.EMSC-20121201_0000093.h5	100	4.7	197.2
EMSC-20121201_0000093	RO.IAS..HN.EMSC-20121201_0000093.h5	100	4.7	167.7
EMSC-20121201_0000093	RO.ISR.00.HN.EMSC-20121201_0000093.h5	100	4.7	76.5
EMSC-20121201_0000093	RO.LEHL..HN.EMSC-20121201_0000093.h5	100	4.7	146.8
EMSC-20121201_0000093	RO.LEOM..HN.EMSC-20121201_0000093.h5	100	4.7	138.9
EMSC-20121201_0000093	RO.MLR..HN.EMSC-20121201_0000093.h5	100	4.7	70.4
EMSC-20121201_0000093	RO.PETR..HN.EMSC-20121201_0000093.h5	100	4.7	39.2
EMSC-20121201_0000093	RO.PLOR..HN.EMSC-20121201_0000093.h5	100	4.7	9.4
EMSC-20121201_0000093	RO.PLOR1..HN.EMSC-20121201_0000093.h5	100	4.7	9.6
EMSC-20121201_0000093	RO.PLOR4..HN.EMSC-20121201_0000093.h5	100	4.7	9.4
EMSC-20121201_0000093	RO.RASA..HN.EMSC-20121201_0000093.h5	100	4.7	178.5
EMSC-20121201_0000093	RO.SULR..HN.EMSC-20121201_0000093.h5	100	4.7	129.7
EMSC-20121201_0000093	RO.TLB..HN.EMSC-20121201_0000093.h5	100	4.7	168.9
EMSC-20121201_0000093	RO.VOIR..HN.EMSC-20121201_0000093.h5	100	4.7	137.5
EMSC-20121202_0000006	G.SANVU.00.HN.EMSC-20121202_0000006.h5	100	6.1	175.5
EMSC-20121203_0000066	BS.DOBAM..HN.EMSC-20121203_0000066.h5	100	4.9	67.2
EMSC-20121203_0000066	BS.KALB..HN.EMSC-20121203_0000066.h5	100	4.9	20.7
EMSC-20121203_0000066	BS.KUBB..HN.EMSC-20121203_0000066.h5	100	4.9	177.7
EMSC-20121203_0000066	BS.LOZB..HN.EMSC-20121203_0000066.h5	100	4.9	167.1
EMSC-20121203_0000066	BS.RAZG..HN.EMSC-20121203_0000066.h5	100	4.9	173.5
EMSC-20121203_0000066	BS.SHAB..HN.EMSC-20121203_0000066.h5	100	4.9	7.4
EMSC-20121203_0000066	BS.SILAM..HN.EMSC-20121203_0000066.h5	100	4.9	131.2
EMSC-20121203_0000066	GE.TIRR..HN.EMSC-20121203_0000066.h5	100	4.9	110.3
EMSC-20121203_0000066	RO.CLISU..HN.EMSC-20121203_0000066.h5	100	4.9	130.6
EMSC-20121203_0000066	RO.CTISU..HN.EMSC-20121203_0000066.h5	100	4.9	78.1
EMSC-20121203_0000066	RO.CVD1..HN.EMSC-20121203_0000066.h5	100	4.9	104.6
EMSC-20121203_0000066	RO.ICOR..HN.EMSC-20121203_0000066.h5	100	4.9	98.3
EMSC-20121203_0000066	RO.LEHL..HN.EMSC-20121203_0000066.h5	100	4.9	183.8
EMSC-20121203_0000066	RO.RASA..HN.EMSC-20121203_0000066.h5	100	4.9	145.7
EMSC-20121204_0000068	GE.IMMV..HN.EMSC-20121204_0000068.h5	100	4.9	181.7
EMSC-20121206_0000063	GE.IMMV..HN.EMSC-20121206_0000063.h5	100	4.5	179.5
EMSC-20121207_0000031	KO.BOZY..HN.EMSC-20121207_0000031.h5	100	4	133.7
EMSC-20121207_0000031	KO.MNVG..HN.EMSC-20121207_0000031.h5	100	4	27.2
EMSC-20121212_0000004	KO.NIG..HN.EMSC-20121212_0000004.h5	100	4	166.6
EMSC-20121212_0000004	TK.8001.00.HN.EMSC-20121212_0000004.h5	100	4	27.2
EMSC-20121212_0000004	TK.8002.00.HN.EMSC-20121212_0000004.h5	100	4	33.2
EMSC-20121213_0000051	G.HDC.00.HN.EMSC-20121213_0000051.h5	100	4.9	104.5
EMSC-20121213_0000065	MN.PDG..HL.EMSC-20121213_0000065.h5	100	4.1	147.8

EMSC-20121214_0000079	GE.IMMV..HN.EMSC-20121214_0000079.h5	100	4.2	120.8
EMSC-20121221_0000068	G.SANVU.00.HN.EMSC-20121221_0000068.h5	100	6.7	122.4
EMSC-20121222_0000059	RM.SZP..HN.EMSC-20121222_0000059.h5	100	5.1	184.4
EMSC-20121223_0000042	KO.CHAY..HN.EMSC-20121223_0000042.h5	100	5.7	153
EMSC-20121223_0000042	KO.HOPA..HN.EMSC-20121223_0000042.h5	100	5.7	121.4
EMSC-20121224_0000075	KO.DATC..HN.EMSC-20121224_0000075.h5	100	4.2	96
EMSC-20121224_0000075	KO.DIDI..HN.EMSC-20121224_0000075.h5	100	4.2	92.8
EMSC-20121224_0000075	KO.GMLD..HN.EMSC-20121224_0000075.h5	100	4.2	152.8
EMSC-20121224_0000075	KO.YKAV..HN.EMSC-20121224_0000075.h5	100	4.2	76.1
EMSC-20121225_0000078	KO.CHAY..HN.EMSC-20121225_0000078.h5	100	5.4	153.6
EMSC-20121225_0000078	KO.HOPA..HN.EMSC-20121225_0000078.h5	100	5.4	124.8
EMSC-20121225_0000078	TK.0801.00.HN.EMSC-20121225_0000078.h5	100	5.4	159.2
EMSC-20121227_0000041	CU.BBGH.20.HN.EMSC-20121227_0000041.h5	100	5.3	169.5
EMSC-20130103_0000020	GE.IMMV..HN.EMSC-20130103_0000020.h5	100	4.6	183.8
EMSC-20130103_0000020	HL.IACM..HN.EMSC-20130103_0000020.h5	100	4.6	132.9
EMSC-20130103_0000020	HL.IMMV..HN.EMSC-20130103_0000020.h5	100	4.6	183.8
EMSC-20130105_0000093	KO.ENZZ..HN.EMSC-20130105_0000093.h5	100	4	28.5
EMSC-20130105_0000093	KO.GOKC..HN.EMSC-20130105_0000093.h5	100	4	21.4
EMSC-20130108_0000044	KO.ENZZ..HN.EMSC-20130108_0000044.h5	100	5.7	116.2
EMSC-20130108_0000044	KO.FOCM..HN.EMSC-20130108_0000044.h5	100	5.7	147.9
EMSC-20130108_0000044	KO.GOKC..HN.EMSC-20130108_0000044.h5	100	5.7	67.4
EMSC-20130108_0000044	KO.GPNR..HN.EMSC-20130108_0000044.h5	100	5.7	56.4
EMSC-20130108_0000044	KO.KRBN..HN.EMSC-20130108_0000044.h5	100	5.7	148.2
EMSC-20130108_0000044	TK.1005.00.HN.EMSC-20130108_0000044.h5	100	5.7	106.5
EMSC-20130108_0000044	TK.1013.00.HN.EMSC-20130108_0000044.h5	100	5.7	127.5
EMSC-20130108_0000044	TK.1014.00.HN.EMSC-20130108_0000044.h5	100	5.7	186.7
EMSC-20130108_0000044	TK.1016.00.HN.EMSC-20130108_0000044.h5	100	5.7	184.8
EMSC-20130108_0000044	TK.1017.00.HN.EMSC-20130108_0000044.h5	100	5.7	199.1
EMSC-20130108_0000044	TK.1701.00.HN.EMSC-20130108_0000044.h5	100	5.7	90.5
EMSC-20130108_0000044	TK.1703.00.HN.EMSC-20130108_0000044.h5	100	5.7	159.9
EMSC-20130108_0000044	TK.1708.00.HN.EMSC-20130108_0000044.h5	100	5.7	48.2
EMSC-20130108_0000044	TK.1710.00.HN.EMSC-20130108_0000044.h5	100	5.7	127.8
EMSC-20130108_0000044	TK.2201.00.HN.EMSC-20130108_0000044.h5	100	5.7	126.3
EMSC-20130108_0000044	TK.3503.00.HN.EMSC-20130108_0000044.h5	100	5.7	133.8
EMSC-20130108_0000044	TK.3504.00.HN.EMSC-20130108_0000044.h5	100	5.7	153.3
EMSC-20130108_0000044	TK.3506.00.HN.EMSC-20130108_0000044.h5	100	5.7	194.6
EMSC-20130108_0000044	TK.3508.00.HN.EMSC-20130108_0000044.h5	100	5.7	170.9
EMSC-20130108_0000044	TK.3510.00.HN.EMSC-20130108_0000044.h5	100	5.7	191.7
EMSC-20130108_0000044	TK.3512.00.HN.EMSC-20130108_0000044.h5	100	5.7	198.3
EMSC-20130108_0000044	TK.3513.00.HN.EMSC-20130108_0000044.h5	100	5.7	195
EMSC-20130108_0000044	TK.3514.00.HN.EMSC-20130108_0000044.h5	100	5.7	192.8
EMSC-20130108_0000044	TK.3516.00.HN.EMSC-20130108_0000044.h5	100	5.7	185.7
EMSC-20130108_0000044	TK.3519.00.HN.EMSC-20130108_0000044.h5	100	5.7	191.9

EMSC-20130108_0000044	TK.3520.00.HN.EMSC-20130108_0000044.h5	100	5.7	196.6
EMSC-20130108_0000044	TK.3521.00.HN.EMSC-20130108_0000044.h5	100	5.7	188.6
EMSC-20130108_0000044	TK.3522.00.HN.EMSC-20130108_0000044.h5	100	5.7	198.4
EMSC-20130108_0000044	TK.3523.00.HN.EMSC-20130108_0000044.h5	100	5.7	183.9
EMSC-20130108_0000044	TK.3524.00.HN.EMSC-20130108_0000044.h5	100	5.7	188.1
EMSC-20130108_0000044	TK.3525.00.HN.EMSC-20130108_0000044.h5	100	5.7	197.7
EMSC-20130108_0000044	TK.3526.00.HN.EMSC-20130108_0000044.h5	100	5.7	173.8
EMSC-20130108_0000044	TK.3527..HN.EMSC-20130108_0000044.h5	100	5.7	142
EMSC-20130108_0000044	TK.3530.00.HN.EMSC-20130108_0000044.h5	100	5.7	198.8
EMSC-20130108_0000044	TK.5904.00.HN.EMSC-20130108_0000044.h5	100	5.7	171.2
EMSC-20130109_0000093	KO.ENZZ..HN.EMSC-20130109_0000093.h5	100	4.5	111.6
EMSC-20130109_0000093	KO.FOCM..HN.EMSC-20130109_0000093.h5	100	4.5	143.1
EMSC-20130109_0000093	KO.GOKC..HN.EMSC-20130109_0000093.h5	100	4.5	62.6
EMSC-20130109_0000093	KO.GPNR..HN.EMSC-20130109_0000093.h5	100	4.5	49.5
EMSC-20130109_0000093	KO.KRBN..HN.EMSC-20130109_0000093.h5	100	4.5	144.4
EMSC-20130109_0000093	TK.1703.00.HN.EMSC-20130109_0000093.h5	100	4.5	151.7
EMSC-20130109_0000093	TK.1708.00.HN.EMSC-20130109_0000093.h5	100	4.5	40
EMSC-20130109_0000093	TK.1710.00.HN.EMSC-20130109_0000093.h5	100	4.5	120.7
EMSC-20130110_0000033	KO.ENZZ..HN.EMSC-20130110_0000033.h5	100	4	119.3
EMSC-20130110_0000033	KO.GOKC..HN.EMSC-20130110_0000033.h5	100	4	70.4
EMSC-20130110_0000033	KO.GPNR..HN.EMSC-20130110_0000033.h5	100	4	56.3
EMSC-20130110_0000033	KO.KRBN..HN.EMSC-20130110_0000033.h5	100	4	146.7
EMSC-20130111_0000003	KO.FOCM..HN.EMSC-20130111_0000003.h5	100	4.3	148.9
EMSC-20130111_0000003	KO.GOKC..HN.EMSC-20130111_0000003.h5	100	4.3	68.2
EMSC-20130111_0000003	KO.GPNR..HN.EMSC-20130111_0000003.h5	100	4.3	57.7
EMSC-20130111_0000003	KO.KRBN..HN.EMSC-20130111_0000003.h5	100	4.3	149
EMSC-20130112_0000085	KO.GMLD..HN.EMSC-20130112_0000085.h5	100	4	108.6
EMSC-20130112_0000085	KO.GPNR..HN.EMSC-20130112_0000085.h5	100	4	66.2
EMSC-20130112_0000085	KO.KRBN..HN.EMSC-20130112_0000085.h5	100	4	44.6
EMSC-20130113_0000030	KO.ENZZ..HN.EMSC-20130113_0000030.h5	100	4.5	115.5
EMSC-20130113_0000030	KO.FOCM..HN.EMSC-20130113_0000030.h5	100	4.5	147.3
EMSC-20130113_0000030	KO.GOKC..HN.EMSC-20130113_0000030.h5	100	4.5	66.6
EMSC-20130113_0000030	KO.GONE..HN.EMSC-20130113_0000030.h5	100	4.5	187.4
EMSC-20130113_0000030	KO.GPNR..HN.EMSC-20130113_0000030.h5	100	4.5	55.4
EMSC-20130113_0000030	KO.KRBN..HN.EMSC-20130113_0000030.h5	100	4.5	147.7
EMSC-20130113_0000030	TK.1708.00.HN.EMSC-20130113_0000030.h5	100	4.5	47
EMSC-20130113_0000030	TK.1710.00.HN.EMSC-20130113_0000030.h5	100	4.5	126.7
EMSC-20130113_0000077	KO.ENZZ..HN.EMSC-20130113_0000077.h5	100	4.1	116.4
EMSC-20130113_0000077	KO.FOCM..HN.EMSC-20130113_0000077.h5	100	4.1	138.9
EMSC-20130113_0000077	KO.GOKC..HN.EMSC-20130113_0000077.h5	100	4.1	67.4
EMSC-20130113_0000077	KO.KRBN..HN.EMSC-20130113_0000077.h5	100	4.1	139.7
EMSC-20130113_0000100	CX.MNMCX..HL.EMSC-20130113_0000100.h5	100	5.3	117.5
EMSC-20130113_0000100	CX.PATCX..HL.EMSC-20130113_0000100.h5	100	5.3	142.8

EMSC-20130113_0000100	CX.PSGCX..HL.EMSC-20130113_0000100.h5	100	5.3	123.5
EMSC-20130117_0000031	MN.BLY..HL.EMSC-20130117_0000031.h5	100	4.2	119
EMSC-20130119_0000053	KO.ENZZ..HN.EMSC-20130119_0000053.h5	100	4.1	107.7
EMSC-20130125_0000039	IV.BAG8..HN.EMSC-20130125_0000039.h5	100	4.8	184.3
EMSC-20130125_0000039	IV.BDI..HN.EMSC-20130125_0000039.h5	100	4.8	16.6
EMSC-20130125_0000039	IV.BOB..HN.EMSC-20130125_0000039.h5	100	4.8	103.9
EMSC-20130125_0000039	IV.CNCS..HN.EMSC-20130125_0000039.h5	100	4.8	161.2
EMSC-20130125_0000039	IV.CRMI..HN.EMSC-20130125_0000039.h5	100	4.8	59.3
EMSC-20130125_0000039	IV.MERA..HN.EMSC-20130125_0000039.h5	100	4.8	189.1
EMSC-20130125_0000039	IV.MGAB..HN.EMSC-20130125_0000039.h5	100	4.8	193.6
EMSC-20130125_0000039	IV.MTRZ..HN.EMSC-20130125_0000039.h5	100	4.8	79.9
EMSC-20130125_0000039	IV.NEVI..HN.EMSC-20130125_0000039.h5	100	4.8	47.7
EMSC-20130125_0000039	IV.OPPE..HN.EMSC-20130125_0000039.h5	100	4.8	139.5
EMSC-20130125_0000039	IV.ORZI..HN.EMSC-20130125_0000039.h5	100	4.8	143.8
EMSC-20130125_0000039	IV.SANR..HN.EMSC-20130125_0000039.h5	100	4.8	188
EMSC-20130125_0000039	IV.VOBA..HN.EMSC-20130125_0000039.h5	100	4.8	164.5
EMSC-20130125_0000039	IV.ZEN8..HN.EMSC-20130125_0000039.h5	100	4.8	165.3
EMSC-20130125_0000039	IV.ZOVE..HN.EMSC-20130125_0000039.h5	100	4.8	165.3
EMSC-20130125_0000039	MN.VLC..HN.EMSC-20130125_0000039.h5	100	4.8	4.8
EMSC-20130125_0000069	MN.PDG..HL.EMSC-20130125_0000069.h5	100	4	103
EMSC-20130126_0000014	GE.IMMV..HN.EMSC-20130126_0000014.h5	100	4.3	101.5
EMSC-20130129_0000009	HL.IACM..HN.EMSC-20130129_0000009.h5	100	4.3	183.4
EMSC-20130129_0000009	KO.DATC..HN.EMSC-20130129_0000009.h5	100	4.3	162.7
EMSC-20130130_0000073	C.GO03..HN.EMSC-20130130_0000073.h5	100	6.8	69.1
EMSC-20130202_0000033	GE.IMMV..HN.EMSC-20130202_0000033.h5	100	4.9	164.2
EMSC-20130202_0000033	HL.IACM..HN.EMSC-20130202_0000033.h5	100	4.9	113.4
EMSC-20130202_0000033	HL.IMMV..HN.EMSC-20130202_0000033.h5	100	4.9	164.3
EMSC-20130203_0000048	MN.PDG..HL.EMSC-20130203_0000048.h5	100	4	102.2
EMSC-20130204_0000019	MN.BLY..HL.EMSC-20130204_0000019.h5	100	4.1	138.4
EMSC-20130204_0000026	GE.IMMV..HN.EMSC-20130204_0000026.h5	100	4.4	79.7
EMSC-20130204_0000026	HL.IACM..HN.EMSC-20130204_0000026.h5	100	4.4	105.7
EMSC-20130204_0000026	HL.IMMV..HN.EMSC-20130204_0000026.h5	100	4.4	79.8
EMSC-20130209_0000047	IU.OTAV.20.HN.EMSC-20130209_0000047.h5	100	6.9	154
EMSC-20130210_0000078	G.PEL.00.HN.EMSC-20130210_0000078.h5	100	5.4	137.2
EMSC-20130215_0000048	HI.SKY1..HN.EMSC-20130215_0000048.h5	100	4.6	170
EMSC-20130215_0000048	HI.THS1..HN.EMSC-20130215_0000048.h5	100	4.6	68.1
EMSC-20130215_0000048	HI.VOL2..HN.EMSC-20130215_0000048.h5	100	4.6	139.2
EMSC-20130215_0000048	KO.ENZZ..HN.EMSC-20130215_0000048.h5	100	4.6	188.2
EMSC-20130217_0000014	HI.ARG2..HN.EMSC-20130217_0000014.h5	100	5.1	101.5
EMSC-20130217_0000014	HI.KLV1..HN.EMSC-20130217_0000014.h5	100	5.1	148.5
EMSC-20130217_0000014	HI.KRI1..HN.EMSC-20130217_0000014.h5	100	5.1	43.2
EMSC-20130217_0000014	HI.MSL1..HN.EMSC-20130217_0000014.h5	100	5.1	136.3
EMSC-20130217_0000014	HI.PYL1..HN.EMSC-20130217_0000014.h5	100	5.1	96.2

EMSC-20130217_0000014	HI.VAS2..HN.EMSC-20130217_0000014.h5	100	5.1	150
EMSC-20130217_0000022	HI.ARG2..HN.EMSC-20130217_0000022.h5	100	4.8	196
EMSC-20130217_0000022	HI.KLV1..HN.EMSC-20130217_0000022.h5	100	4.8	159.1
EMSC-20130217_0000022	HI.KRI1..HN.EMSC-20130217_0000022.h5	100	4.8	132.1
EMSC-20130217_0000022	HI.NPS1..HN.EMSC-20130217_0000022.h5	100	4.8	131
EMSC-20130217_0000022	HI.PYL1..HN.EMSC-20130217_0000022.h5	100	4.8	29.8
EMSC-20130217_0000067	HI.LMS2..HN.EMSC-20130217_0000067.h5	100	4.1	22.3
EMSC-20130218_0000025	G.PEL.00.HN.EMSC-20130218_0000025.h5	100	5.2	156.2
EMSC-20130221_0000039	HI.NAX1..HN.EMSC-20130221_0000039.h5	100	4.5	141.2
EMSC-20130221_0000039	HI.RDI1..HN.EMSC-20130221_0000039.h5	100	4.5	153.9
EMSC-20130221_0000039	HI.RGE1..HN.EMSC-20130221_0000039.h5	100	4.5	173.8
EMSC-20130221_0000039	HI.VRO1..HN.EMSC-20130221_0000039.h5	100	4.5	134.6
EMSC-20130221_0000039	KO.AKS..HN.EMSC-20130221_0000039.h5	100	4.5	184.6
EMSC-20130221_0000039	KO.DENT..HN.EMSC-20130221_0000039.h5	100	4.5	190.7
EMSC-20130221_0000039	KO.DIDI..HN.EMSC-20130221_0000039.h5	100	4.5	27.5
EMSC-20130221_0000039	KO.FOCM..HN.EMSC-20130221_0000039.h5	100	4.5	150.2
EMSC-20130221_0000039	KO.GMLD..HN.EMSC-20130221_0000039.h5	100	4.5	78.5
EMSC-20130221_0000039	KO.GOMA..HN.EMSC-20130221_0000039.h5	100	4.5	172
EMSC-20130221_0000039	KO.KRBN..HN.EMSC-20130221_0000039.h5	100	4.5	139.8
EMSC-20130221_0000039	KO.MRSB..HN.EMSC-20130221_0000039.h5	100	4.5	134.1
EMSC-20130221_0000039	KO.YKAV..HN.EMSC-20130221_0000039.h5	100	4.5	41.3
EMSC-20130221_0000039	TK.0905.00.HN.EMSC-20130221_0000039.h5	100	4.5	62
EMSC-20130221_0000039	TK.3524.00.HN.EMSC-20130221_0000039.h5	100	4.5	125.3
EMSC-20130221_0000039	TK.3530.00.HN.EMSC-20130221_0000039.h5	100	4.5	123
EMSC-20130227_0000059	EU.VRI.00.HN.EMSC-20130227_0000059.h5	100	4	194.4
EMSC-20130227_0000059	RO.ARR..HN.EMSC-20130227_0000059.h5	100	4	27.3
EMSC-20130227_0000059	RO.CJR..HN.EMSC-20130227_0000059.h5	100	4	150.7
EMSC-20130227_0000059	RO.COPA..HN.EMSC-20130227_0000059.h5	100	4	163
EMSC-20130227_0000059	RO.DEV..HN.EMSC-20130227_0000059.h5	100	4	120
EMSC-20130227_0000059	RO.DRGR..HN.EMSC-20130227_0000059.h5	100	4	193.5
EMSC-20130227_0000059	RO.GZR..HN.EMSC-20130227_0000059.h5	100	4	119.8
EMSC-20130227_0000059	RO.HUMR..HN.EMSC-20130227_0000059.h5	100	4	115.4
EMSC-20130227_0000059	RO.LOT..HN.EMSC-20130227_0000059.h5	100	4	41.9
EMSC-20130227_0000059	RO.MHISU..HN.EMSC-20130227_0000059.h5	100	4	159.3
EMSC-20130227_0000059	RO.MLR..HN.EMSC-20130227_0000059.h5	100	4	128.3
EMSC-20130227_0000059	RO.OTISU..HN.EMSC-20130227_0000059.h5	100	4	113.7
EMSC-20130227_0000059	RO.PLOR..HN.EMSC-20130227_0000059.h5	100	4	188.1
EMSC-20130227_0000059	RO.PLOR1..HN.EMSC-20130227_0000059.h5	100	4	187.9
EMSC-20130227_0000059	RO.PLOR4..HN.EMSC-20130227_0000059.h5	100	4	188.1
EMSC-20130227_0000059	RO.PUNG..HN.EMSC-20130227_0000059.h5	100	4	169.5
EMSC-20130227_0000059	RO.VOIR..HN.EMSC-20130227_0000059.h5	100	4	58.2
EMSC-20130227_0000094	HI.KSS1..HN.EMSC-20130227_0000094.h5	100	3.9	137.8
EMSC-20130227_0000094	HI.RGE1..HN.EMSC-20130227_0000094.h5	100	3.9	153.4

EMSC-20130227_0000094	HI.SIT2..HN.EMSC-20130227_0000094.h5	100	3.9	153.6
EMSC-20130302_0000011	RO.CFR.00.HN.EMSC-20130302_0000011.h5	100	4.1	108
EMSC-20130302_0000011	RO.MANR.00.HN.EMSC-20130302_0000011.h5	100	4.1	154.3
EMSC-20130305_0000067	GE.IMMV..HN.EMSC-20130305_0000067.h5	100	4.5	99.8
EMSC-20130305_0000067	HL.IACM..HN.EMSC-20130305_0000067.h5	100	4.5	114.4
EMSC-20130305_0000067	HL.IMMV..HN.EMSC-20130305_0000067.h5	100	4.5	99.9
EMSC-20130306_0000002	RO.BISRR..HN.EMSC-20130306_0000002.h5	100	4.2	36.6
EMSC-20130306_0000002	RO.CLISU..HN.EMSC-20130306_0000002.h5	100	4.2	170
EMSC-20130306_0000002	RO.CNCR..HN.EMSC-20130306_0000002.h5	100	4.2	117.5
EMSC-20130306_0000002	RO.COPA..HN.EMSC-20130306_0000002.h5	100	4.2	172.3
EMSC-20130306_0000002	RO.GRISU..HN.EMSC-20130306_0000002.h5	100	4.2	180.6
EMSC-20130306_0000002	RO.HUMR..HN.EMSC-20130306_0000002.h5	100	4.2	147.1
EMSC-20130306_0000002	RO.LEHL..HN.EMSC-20130306_0000002.h5	100	4.2	122.8
EMSC-20130306_0000002	RO.LEOM..HN.EMSC-20130306_0000002.h5	100	4.2	188.9
EMSC-20130306_0000002	RO.MLR..HN.EMSC-20130306_0000002.h5	100	4.2	23.6
EMSC-20130306_0000002	RO.OTISU..HN.EMSC-20130306_0000002.h5	100	4.2	189.8
EMSC-20130306_0000002	RO.PLOR..HN.EMSC-20130306_0000002.h5	100	4.2	50
EMSC-20130306_0000002	RO.PLOR1..HN.EMSC-20130306_0000002.h5	100	4.2	49.9
EMSC-20130306_0000002	RO.PLOR4..HN.EMSC-20130306_0000002.h5	100	4.2	50
EMSC-20130306_0000002	RO.RASA..HN.EMSC-20130306_0000002.h5	100	4.2	159.8
EMSC-20130306_0000002	RO.SULR..HN.EMSC-20130306_0000002.h5	100	4.2	91.5
EMSC-20130306_0000002	RO.TRISU..HN.EMSC-20130306_0000002.h5	100	4.2	184.8
EMSC-20130306_0000067	HI.SIT2..HN.EMSC-20130306_0000067.h5	100	4	33.7
EMSC-20130306_0000067	HL.IACM..HN.EMSC-20130306_0000067.h5	100	4	89.1
EMSC-20130307_0000004	GE.IMMV..HN.EMSC-20130307_0000004.h5	100	4.2	153.7
EMSC-20130307_0000004	HI.CH01..HN.EMSC-20130307_0000004.h5	100	4.2	160.7
EMSC-20130307_0000064	KO.PRSB..HN.EMSC-20130307_0000064.h5	100	4.2	132.3
EMSC-20130311_0000091	HI.ARG2..HN.EMSC-20130311_0000091.h5	100	4.1	70.2
EMSC-20130311_0000091	HI.ART2..HN.EMSC-20130311_0000091.h5	100	4.1	57.8
EMSC-20130311_0000091	HI.KLV1..HN.EMSC-20130311_0000091.h5	100	4.1	113.7
EMSC-20130311_0000091	HI.KRI1..HN.EMSC-20130311_0000091.h5	100	4.1	109.3
EMSC-20130311_0000091	HI.KRK1..HN.EMSC-20130311_0000091.h5	100	4.1	147.1
EMSC-20130311_0000091	HI.MSL1..HN.EMSC-20130311_0000091.h5	100	4.1	43.2
EMSC-20130311_0000091	HI.VAS2..HN.EMSC-20130311_0000091.h5	100	4.1	38.6
EMSC-20130316_0000001	RO.BISRR..HN.EMSC-20130316_0000001.h5	100	4.2	74.3
EMSC-20130316_0000001	RO.GHRR..HN.EMSC-20130316_0000001.h5	100	4.2	33.1
EMSC-20130316_0000001	RO.IAS..HN.EMSC-20130316_0000001.h5	100	4.2	119.7
EMSC-20130316_0000001	RO.MILM..HN.EMSC-20130316_0000001.h5	100	4.2	160.3
EMSC-20130316_0000001	RO.PLOR..HN.EMSC-20130316_0000001.h5	100	4.2	46.4
EMSC-20130316_0000001	RO.PLOR1..HN.EMSC-20130316_0000001.h5	100	4.2	46.5
EMSC-20130316_0000001	RO.PLOR4..HN.EMSC-20130316_0000001.h5	100	4.2	46.4
EMSC-20130316_0000001	RO.TESR..HN.EMSC-20130316_0000001.h5	100	4.2	46.3
EMSC-20130319_0000056	BS.KALB..HN.EMSC-20130319_0000056.h5	100	4.7	168.5

EMSC-20130319_0000056	BS.SHAB..HN.EMSC-20130319_0000056.h5	100	4.7	173.2
EMSC-20130319_0000056	KO.KIYI..HN.EMSC-20130319_0000056.h5	100	4.7	129.7
EMSC-20130319_0000056	KO.OSMT..HN.EMSC-20130319_0000056.h5	100	4.7	172.8
EMSC-20130324_0000133	IV.CELI..HN.EMSC-20130324_0000133.h5	100	4.6	192.8
EMSC-20130324_0000133	MN.CEL..HN.EMSC-20130324_0000133.h5	100	4.6	88.6
EMSC-20130324_0000133	MN.TIP..HN.EMSC-20130324_0000133.h5	100	4.6	168.8
EMSC-20130325_0000070	MN.PDG..HL.EMSC-20130325_0000070.h5	100	3.9	112.3
EMSC-20130325_0000168	GE.IMMV..HN.EMSC-20130325_0000168.h5	100	4.4	67.6
EMSC-20130325_0000168	HI.CH01..HN.EMSC-20130325_0000168.h5	100	4.4	62.8
EMSC-20130325_0000168	HI.NPS1..HN.EMSC-20130325_0000168.h5	100	4.4	180
EMSC-20130325_0000168	HI.SIT2..HN.EMSC-20130325_0000168.h5	100	4.4	134.2
EMSC-20130325_0000168	HL.IACM..HN.EMSC-20130325_0000168.h5	100	4.4	45.8
EMSC-20130328_0000061	MN.PDG..HL.EMSC-20130328_0000061.h5	100	4	32.4
EMSC-20130331_0000053	GE.IMMV..HN.EMSC-20130331_0000053.h5	100	4.2	64.3
EMSC-20130331_0000053	HI.CH01..HN.EMSC-20130331_0000053.h5	100	4.2	56.9
EMSC-20130331_0000053	HI.NPS1..HN.EMSC-20130331_0000053.h5	100	4.2	130
EMSC-20130331_0000053	HI.SIT2..HN.EMSC-20130331_0000053.h5	100	4.2	180.9
EMSC-20130331_0000053	HL.IACM..HN.EMSC-20130331_0000053.h5	100	4.2	98.4
EMSC-20130331_0000053	HL.IMMV..HN.EMSC-20130331_0000053.h5	100	4.2	64.2
EMSC-20130401_0000052	HL.DION..HN.EMSC-20130401_0000052.h5	100	4.2	196.2
EMSC-20130401_0000052	KO.ENZZ..HN.EMSC-20130401_0000052.h5	100	4.2	196.9
EMSC-20130401_0000052	KO.FOCM..HN.EMSC-20130401_0000052.h5	100	4.2	68.2
EMSC-20130401_0000052	KO.GONE..HN.EMSC-20130401_0000052.h5	100	4.2	200
EMSC-20130401_0000052	KO.GPNR..HN.EMSC-20130401_0000052.h5	100	4.2	70.1
EMSC-20130401_0000052	KO.KRBN..HN.EMSC-20130401_0000052.h5	100	4.2	58.2
EMSC-20130403_0000085	GE.IMMV..HN.EMSC-20130403_0000085.h5	100	4.3	86.9
EMSC-20130403_0000086	GE.IMMV..HN.EMSC-20130403_0000086.h5	100	4.6	91.2
EMSC-20130405_0000019	GE.IMMV..HN.EMSC-20130405_0000019.h5	100	4	104.5
EMSC-20130406_0000089	GE.IMMV..HN.EMSC-20130406_0000089.h5	100	5	71.7
EMSC-20130406_0000089	HI.CH01..HN.EMSC-20130406_0000089.h5	100	5	77.4
EMSC-20130406_0000089	HI.SIT2..HN.EMSC-20130406_0000089.h5	100	5	187.3
EMSC-20130406_0000089	HL.IACM..HN.EMSC-20130406_0000089.h5	100	5	102.9
EMSC-20130406_0000089	HL.IMMV..HN.EMSC-20130406_0000089.h5	100	5	71.7
EMSC-20130409_0000010	GE.IMMV..HN.EMSC-20130409_0000010.h5	100	4.7	144.6
EMSC-20130409_0000010	HL.DION..HN.EMSC-20130409_0000010.h5	100	4.7	193
EMSC-20130409_0000010	HL.IMMV..HN.EMSC-20130409_0000010.h5	100	4.7	144.6
EMSC-20130419_0000054	G.SANVU.00.HN.EMSC-20130419_0000054.h5	100	5.2	64.9
EMSC-20130422_0000086	RO.SIRR..HN.EMSC-20130422_0000086.h5	100	4.4	189.2
EMSC-20130423_0000005	HI.ARG2..HN.EMSC-20130423_0000005.h5	100	4.5	18.5
EMSC-20130423_0000005	HI.KLV1..HN.EMSC-20130423_0000005.h5	100	4.5	144.5
EMSC-20130423_0000005	HI.KRI1..HN.EMSC-20130423_0000005.h5	100	4.5	80.5
EMSC-20130423_0000005	HI.KRK1..HN.EMSC-20130423_0000005.h5	100	4.5	150.3
EMSC-20130423_0000005	HI.MSL1..HN.EMSC-20130423_0000005.h5	100	4.5	80.3

EMSC-20130423_0000005	HI.VAS2..HN.EMSC-20130423_0000005.h5	100	4.5	33
EMSC-20130424_0000072	GE.IMMV..HN.EMSC-20130424_0000072.h5	100	4.3	169.3
EMSC-20130424_0000072	HI.CH01..HN.EMSC-20130424_0000072.h5	100	4.3	166.1
EMSC-20130424_0000072	HI.KLV1..HN.EMSC-20130424_0000072.h5	100	4.3	162
EMSC-20130424_0000072	HI.NPS1..HN.EMSC-20130424_0000072.h5	100	4.3	26.9
EMSC-20130424_0000072	HI.PYL1..HN.EMSC-20130424_0000072.h5	100	4.3	114
EMSC-20130424_0000072	HL.DION..HN.EMSC-20130424_0000072.h5	100	4.3	172.1
EMSC-20130425_0000083	KO.KRTD..HN.EMSC-20130425_0000083.h5	100	3.9	172.2
EMSC-20130425_0000083	TK.0201.00.HN.EMSC-20130425_0000083.h5	100	3.9	112.3
EMSC-20130425_0000083	TK.0204.00.HN.EMSC-20130425_0000083.h5	100	3.9	186.1
EMSC-20130425_0000083	TK.0205.00.HN.EMSC-20130425_0000083.h5	100	3.9	142
EMSC-20130425_0000083	TK.0206.00.HN.EMSC-20130425_0000083.h5	100	3.9	78.7
EMSC-20130425_0000083	TK.0207.00.HN.EMSC-20130425_0000083.h5	100	3.9	126.5
EMSC-20130425_0000083	TK.0208.00.HN.EMSC-20130425_0000083.h5	100	3.9	69.3
EMSC-20130425_0000083	TK.2703.00.HN.EMSC-20130425_0000083.h5	100	3.9	36.7
EMSC-20130425_0000083	TK.2704.00.HN.EMSC-20130425_0000083.h5	100	3.9	70.6
EMSC-20130425_0000083	TK.4404.00.HN.EMSC-20130425_0000083.h5	100	3.9	182.2
EMSC-20130425_0000083	TK.4408.00.HN.EMSC-20130425_0000083.h5	100	3.9	108.8
EMSC-20130425_0000083	TK.4606.00.HN.EMSC-20130425_0000083.h5	100	3.9	6.5
EMSC-20130425_0000083	TK.4607.00.HN.EMSC-20130425_0000083.h5	100	3.9	23.4
EMSC-20130425_0000083	TK.4608.00.HN.EMSC-20130425_0000083.h5	100	3.9	25.2
EMSC-20130425_0000083	TK.4611.00.HN.EMSC-20130425_0000083.h5	100	3.9	48.5
EMSC-20130425_0000083	TK.4613.00.HN.EMSC-20130425_0000083.h5	100	3.9	72.3
EMSC-20130425_0000083	TK.6304.00.HN.EMSC-20130425_0000083.h5	100	3.9	123.8
EMSC-20130425_0000083	TK.7901.00.HN.EMSC-20130425_0000083.h5	100	3.9	69
EMSC-20130425_0000083	TK.8002.00.HN.EMSC-20130425_0000083.h5	100	3.9	51.6
EMSC-20130428_0000018	HL.DION..HN.EMSC-20130428_0000018.h5	100	4.4	153.5
EMSC-20130428_0000074	HI.KLV1..HN.EMSC-20130428_0000074.h5	100	4.7	78.6
EMSC-20130428_0000074	HI.MSL1..HN.EMSC-20130428_0000074.h5	100	4.7	146.8
EMSC-20130428_0000074	HI.NPS1..HN.EMSC-20130428_0000074.h5	100	4.7	111.9
EMSC-20130428_0000074	HI.PYL1..HN.EMSC-20130428_0000074.h5	100	4.7	103.1
EMSC-20130428_0000074	HL.DION..HN.EMSC-20130428_0000074.h5	100	4.7	133.4
EMSC-20130428_0000075	KO.BBRN.00.HN.EMSC-20130428_0000075.h5	100	4.2	36.9
EMSC-20130428_0000075	KO.DATC..HN.EMSC-20130428_0000075.h5	100	4.2	21
EMSC-20130428_0000075	KO.DIDI..HN.EMSC-20130428_0000075.h5	100	4.2	69.3
EMSC-20130428_0000075	KO.GMLD..HN.EMSC-20130428_0000075.h5	100	4.2	148.9
EMSC-20130428_0000075	KO.MRSB..HN.EMSC-20130428_0000075.h5	100	4.2	44
EMSC-20130428_0000075	KO.YKAV..HN.EMSC-20130428_0000075.h5	100	4.2	49.5
EMSC-20130430_0000036	CU.ANWB.20.HN.EMSC-20130430_0000036.h5	100	5.3	43.8
EMSC-20130430_0000051	G.PEL.00.HN.EMSC-20130430_0000051.h5	100	5	39.8
EMSC-20130501_0000022	TK.4606.00.HN.EMSC-20130501_0000022.h5	100	4.2	11.2
EMSC-20130502_0000029	GE.TIRR..HN.EMSC-20130502_0000029.h5	100	4	188.2
EMSC-20130502_0000029	RO.BISRR..HN.EMSC-20130502_0000029.h5	100	4	8.7

EMSC-20130502_0000029	RO.COPA..HN.EMSC-20130502_0000029.h5	100	4	192.5
EMSC-20130502_0000029	RO.GHRR..HN.EMSC-20130502_0000029.h5	100	4	83.9
EMSC-20130502_0000029	RO.HUMR..HN.EMSC-20130502_0000029.h5	100	4	171.6
EMSC-20130502_0000029	RO.MLR..HN.EMSC-20130502_0000029.h5	100	4	51.7
EMSC-20130502_0000029	RO.PLOR..HN.EMSC-20130502_0000029.h5	100	4	32.6
EMSC-20130502_0000029	RO.PLOR1..HN.EMSC-20130502_0000029.h5	100	4	32.7
EMSC-20130502_0000029	RO.PLOR4..HN.EMSC-20130502_0000029.h5	100	4	32.6
EMSC-20130506_0000066	TK.4606.00.HN.EMSC-20130506_0000066.h5	100	4.2	8.6
EMSC-20130509_0000103	GE.IMMV..HN.EMSC-20130509_0000103.h5	100	4	192.6
EMSC-20130509_0000103	HI.NPS1..HN.EMSC-20130509_0000103.h5	100	4	115
EMSC-20130509_0000103	HI.PYL1..HN.EMSC-20130509_0000103.h5	100	4	104.7
EMSC-20130509_0000103	HL.IMMV..HN.EMSC-20130509_0000103.h5	100	4	192.7
EMSC-20130510_0000101	RO.BISRR..HN.EMSC-20130510_0000101.h5	100	4	18.6
EMSC-20130510_0000101	RO.GHRR..HN.EMSC-20130510_0000101.h5	100	4	73.8
EMSC-20130510_0000101	RO.PLOR..HN.EMSC-20130510_0000101.h5	100	4	17.1
EMSC-20130510_0000101	RO.MLR..HN.EMSC-20130510_0000101.h5	100	4	56.9
EMSC-20130510_0000101	RO.PLOR1..HN.EMSC-20130510_0000101.h5	100	4	17.1
EMSC-20130510_0000101	RO.PLOR4..HN.EMSC-20130510_0000101.h5	100	4	17.1
EMSC-20130512_0000060	CX.PATCX..HL.EMSC-20130512_0000060.h5	100	5.2	155.2
EMSC-20130515_0000082	TK.0707.00.HN.EMSC-20130515_0000082.h5	100	4	22.3
EMSC-20130516_0000002	KO.BBRN.00.HN.EMSC-20130516_0000002.h5	100	5	47
EMSC-20130516_0000002	KO.DATC..HN.EMSC-20130516_0000002.h5	100	5	72
EMSC-20130516_0000002	KO.DENT..HN.EMSC-20130516_0000002.h5	100	5	100.7
EMSC-20130516_0000002	KO.DIDI..HN.EMSC-20130516_0000002.h5	100	5	112.5
EMSC-20130516_0000002	KO.GOMA..HN.EMSC-20130516_0000002.h5	100	5	195.2
EMSC-20130516_0000002	KO.KEMT..HN.EMSC-20130516_0000002.h5	100	5	196.1
EMSC-20130516_0000002	KO.KHL..HN.EMSC-20130516_0000002.h5	100	5	177.4
EMSC-20130516_0000002	KO.MRSB..HN.EMSC-20130516_0000002.h5	100	5	36.3
EMSC-20130516_0000002	TK.0302.00.HN.EMSC-20130516_0000002.h5	100	5	194.1
EMSC-20130516_0000002	TK.0702.00.HN.EMSC-20130516_0000002.h5	100	5	137.4
EMSC-20130516_0000002	TK.0705.00.HN.EMSC-20130516_0000002.h5	100	5	141.5
EMSC-20130516_0000002	TK.0707.00.HN.EMSC-20130516_0000002.h5	100	5	172.4
EMSC-20130516_0000002	TK.0712.00.HN.EMSC-20130516_0000002.h5	100	5	173.1
EMSC-20130516_0000002	TK.0905.00.HN.EMSC-20130516_0000002.h5	100	5	139.9
EMSC-20130516_0000002	TK.0907.00.HN.EMSC-20130516_0000002.h5	100	5	102
EMSC-20130516_0000002	TK.0911.00.HN.EMSC-20130516_0000002.h5	100	5	124.4
EMSC-20130516_0000002	TK.1502.00.HN.EMSC-20130516_0000002.h5	100	5	178.5

Table B2: lists of waveforms in Datasets B. Event ID refers to the ESM event ID. Waveform name is provided by network code + “.” + station code + “.” + location code + “.” + instrument code + “.” + event ID + “.h5” (e.g. AC.FIER.00.HN.AL-2014-0005.h5).

EventID	WaveformName	Sr (Hz)	M	D (km)
AT-1997-0002	OE.RWNA.00.HN.AT-1997-0002.h5	250	2.6	8.9
AT-1997-0003	OE.RWNA.00.HN.AT-1997-0003.h5	250	2.6	8
AT-1997-0004	OE.RWNA.00.HN.AT-1997-0004.h5	250	2	5.4
AT-1997-0005	OE.RSNA.00.HN.AT-1997-0005.h5	250	3.5	13.4
AT-1998-0006	OE.LFVA.00.HN.AT-1998-0006.h5	250	3.3	9.7
DE-1992-0010	EU.BAW.00.HN.DE-1992-0010.h5	250	3.7	47
DE-1992-0010	EU.BFO.00.HN.DE-1992-0010.h5	250	3.7	70
DE-1992-0010	EU.DOS.00.HN.DE-1992-0010.h5	250	3.7	33.8
DE-1992-0010	EU.EFR.00.HN.DE-1992-0010.h5	250	3.7	54.4
DE-1992-0010	EU.END.00.HN.DE-1992-0010.h5	250	3.7	41.2
DE-1992-0010	EU.GLO.00.HN.DE-1992-0010.h5	250	3.7	46.4
DE-1992-0010	EU.HEX.00.HN.DE-1992-0010.h5	250	3.7	36.9
DE-1992-0010	EU.KIR.00.HN.DE-1992-0010.h5	250	3.7	39.5
DE-1992-0010	EU.KRE.00.HN.DE-1992-0010.h5	250	3.7	50.7
DE-1992-0010	EU.SLB.00.HN.DE-1992-0010.h5	250	3.7	29.2
DE-1992-0010	EU.SOL.00.HN.DE-1992-0010.h5	250	3.7	28
DE-1992-0010	EU.STA.00.HN.DE-1992-0010.h5	250	3.7	40.9
DE-1992-0010	EU.WYH.00.HN.DE-1992-0010.h5	250	3.7	46.7
EMSC-20051031_0000042	CH.SIOO..HG.EMSC-20051031_0000042.h5	250	3.7	98.7
EMSC-20051031_0000042	CH.SMUK..HG.EMSC-20051031_0000042.h5	250	3.7	79.7
EMSC-20051031_0000042	CH.SMUR..HG.EMSC-20051031_0000042.h5	250	3.7	78
EMSC-20051112_0000067	CH.MFSFA..HG.EMSC-20051112_0000067.h5	250	3.6	125.4
EMSC-20051112_0000067	CH.SAUR..HG.EMSC-20051112_0000067.h5	250	3.6	29.1
EMSC-20051112_0000067	CH.SBAF..HG.EMSC-20051112_0000067.h5	250	3.6	39.5
EMSC-20051112_0000067	CH.SBAP..HG.EMSC-20051112_0000067.h5	250	3.6	41.4
EMSC-20051112_0000067	CH.SBAT..HG.EMSC-20051112_0000067.h5	250	3.6	39.9
EMSC-20051112_0000067	CH.SBIS..HG.EMSC-20051112_0000067.h5	250	3.6	24.7
EMSC-20051112_0000067	CH.SCUC..HG.EMSC-20051112_0000067.h5	250	3.6	184.9
EMSC-20051112_0000067	CH.SIOO..HG.EMSC-20051112_0000067.h5	250	3.6	153.6
EMSC-20051112_0000067	CH.SMUK..HG.EMSC-20051112_0000067.h5	250	3.6	163.7
EMSC-20051112_0000067	CH.SMUR..HG.EMSC-20051112_0000067.h5	250	3.6	165.4
EMSC-20051120_0000039	CH.SIOO..HG.EMSC-20051120_0000039.h5	250	3.4	153.2
EMSC-20051120_0000039	CH.SMUR..HG.EMSC-20051120_0000039.h5	250	3.4	185.7
EMSC-20060111_0000036	CH.SMUR..HG.EMSC-20060111_0000036.h5	250	4.2	125.6
EMSC-20080217_0000042	CH.OTTER..HG.EMSC-20080217_0000042.h5	250	3.3	190.4
EMSC-20080217_0000042	CH.SAUR..HG.EMSC-20080217_0000042.h5	250	3.3	187.7
EMSC-20080217_0000042	CH.SBAF..HG.EMSC-20080217_0000042.h5	250	3.3	190.8
EMSC-20080217_0000042	CH.SBIS..HG.EMSC-20080217_0000042.h5	250	3.3	189.7

EMSC-20080217_0000042	CH.SFRA..HG.EMSC-20080217_0000042.h5	250	3.3	184.2
EMSC-20080217_0000042	CH.SIOO..HG.EMSC-20080217_0000042.h5	250	3.3	43
EMSC-20080217_0000042	CH.SIOV..HG.EMSC-20080217_0000042.h5	250	3.3	42.5
EMSC-20080217_0000042	CH.SKAF..HG.EMSC-20080217_0000042.h5	250	3.3	188.1
EMSC-20080217_0000042	CH.SMUK..HG.EMSC-20080217_0000042.h5	250	3.3	44.5
EMSC-20080217_0000042	CH.SMUR..HG.EMSC-20080217_0000042.h5	250	3.3	44
EMSC-20080217_0000042	CH.SMZW..HG.EMSC-20080217_0000042.h5	250	3.3	187.8
EMSC-20090104_0000147	CH.MFSFA..HG.EMSC-20090104_0000147.h5	250	4.7	83
EMSC-20090104_0000147	CH.MFSFB..HG.EMSC-20090104_0000147.h5	250	4.7	82.6
EMSC-20090104_0000147	CH.OTTER..HG.EMSC-20090104_0000147.h5	250	4.7	134.8
EMSC-20090104_0000147	CH.SAUR..HG.EMSC-20090104_0000147.h5	250	4.7	124.7
EMSC-20090104_0000147	CH.SBAF..HG.EMSC-20090104_0000147.h5	250	4.7	135.8
EMSC-20090104_0000147	CH.SBAP..HG.EMSC-20090104_0000147.h5	250	4.7	137.4
EMSC-20090104_0000147	CH.SBAT..HG.EMSC-20090104_0000147.h5	250	4.7	135.7
EMSC-20090104_0000147	CH.SBIS2..HG.EMSC-20090104_0000147.h5	250	4.7	134.9
EMSC-20090104_0000147	CH.SCUC..HG.EMSC-20090104_0000147.h5	250	4.7	87.9
EMSC-20090104_0000147	CH.SFRA..HG.EMSC-20090104_0000147.h5	250	4.7	124.7
EMSC-20090104_0000147	CH.SIOO..HG.EMSC-20090104_0000147.h5	250	4.7	179
EMSC-20090104_0000147	CH.SIOV..HG.EMSC-20090104_0000147.h5	250	4.7	180
EMSC-20090104_0000147	CH.SKAF..HG.EMSC-20090104_0000147.h5	250	4.7	125.1
EMSC-20090104_0000147	CH.SMZW..HG.EMSC-20090104_0000147.h5	250	4.7	130.6
EMSC-20090104_0000147	CH.SRHB..HG.EMSC-20090104_0000147.h5	250	4.7	133.1
EMSC-20090104_0000147	CH.STSP..HG.EMSC-20090104_0000147.h5	250	4.7	100.2
EMSC-20090505_0000053	CH.OTTER..HG.EMSC-20090505_0000053.h5	250	3.6	14.5
EMSC-20090505_0000053	CH.SAUR..HG.EMSC-20090505_0000053.h5	250	3.6	16
EMSC-20090505_0000053	CH.SBAF..HG.EMSC-20090505_0000053.h5	250	3.6	14.6
EMSC-20090505_0000053	CH.SBAP..HG.EMSC-20090505_0000053.h5	250	3.6	16.9
EMSC-20090505_0000053	CH.SBAT..HG.EMSC-20090505_0000053.h5	250	3.6	17.2
EMSC-20090505_0000053	CH.SBIS2..HG.EMSC-20090505_0000053.h5	250	3.6	18.6
EMSC-20090505_0000053	CH.SCOU..HG.EMSC-20090505_0000053.h5	250	3.6	103
EMSC-20090505_0000053	CH.SFRA..HG.EMSC-20090505_0000053.h5	250	3.6	19.4
EMSC-20090505_0000053	CH.SIOO..HG.EMSC-20090505_0000053.h5	250	3.6	162.8
EMSC-20090505_0000053	CH.SIOV..HG.EMSC-20090505_0000053.h5	250	3.6	162.8
EMSC-20090505_0000053	CH.SKAF..HG.EMSC-20090505_0000053.h5	250	3.6	15.5
EMSC-20090505_0000053	CH.SMUK..HG.EMSC-20090505_0000053.h5	250	3.6	165.9
EMSC-20090505_0000053	CH.SMUR..HG.EMSC-20090505_0000053.h5	250	3.6	167.4
EMSC-20090505_0000053	CH.SMZW..HG.EMSC-20090505_0000053.h5	250	3.6	15.7
EMSC-20090505_0000053	CH.SRHB..HG.EMSC-20090505_0000053.h5	250	3.6	14.1
EMSC-20090505_0000053	CH.STAF..HG.EMSC-20090505_0000053.h5	250	3.6	104.5
EMSC-20090505_0000053	CH.SULZ..HG.EMSC-20090505_0000053.h5	250	3.6	33.5
EMSC-20101019_0000002	CH.SBUB..HG.EMSC-20101019_0000002.h5	250	3.8	169.4
EMSC-20101019_0000002	CH.SCEL..HG.EMSC-20101019_0000002.h5	250	3.8	162.3
EMSC-20120211_0000053	CH.BIBA..HG.EMSC-20120211_0000053.h5	250	3.8	103.7

EMSC-20120211_0000053	CH.OTTER..HG.EMSC-20120211_0000053.h5	250	3.8	83.4
EMSC-20120211_0000053	CH.SAUR..HG.EMSC-20120211_0000053.h5	250	3.8	73.2
EMSC-20120211_0000053	CH.SBAF..HG.EMSC-20120211_0000053.h5	250	3.8	84.5
EMSC-20120211_0000053	CH.SBAP..HG.EMSC-20120211_0000053.h5	250	3.8	85.5
EMSC-20120211_0000053	CH.SBAT..HG.EMSC-20120211_0000053.h5	250	3.8	83.6
EMSC-20120211_0000053	CH.SBIS2..HG.EMSC-20120211_0000053.h5	250	3.8	82.4
EMSC-20120211_0000053	CH.SBUA2..HG.EMSC-20120211_0000053.h5	250	3.8	73.1
EMSC-20120211_0000053	CH.SBUB..HG.EMSC-20120211_0000053.h5	250	3.8	70.3
EMSC-20120211_0000053	CH.SCEL..HG.EMSC-20120211_0000053.h5	250	3.8	125.1
EMSC-20120211_0000053	CH.SCHS..HG.EMSC-20120211_0000053.h5	250	3.8	63.5
EMSC-20120211_0000053	CH.SCOU..HG.EMSC-20120211_0000053.h5	250	3.8	111.6
EMSC-20120211_0000053	CH.SCUC..HG.EMSC-20120211_0000053.h5	250	3.8	142.1
EMSC-20120211_0000053	CH.SCUG..HG.EMSC-20120211_0000053.h5	250	3.8	83.8
EMSC-20120211_0000053	CH.SFRA..HG.EMSC-20120211_0000053.h5	250	3.8	72.2
EMSC-20120211_0000053	CH.SGRA..HG.EMSC-20120211_0000053.h5	250	3.8	117.8
EMSC-20120211_0000053	CH.SIOO..HG.EMSC-20120211_0000053.h5	250	3.8	133.1
EMSC-20120211_0000053	CH.SIOV..HG.EMSC-20120211_0000053.h5	250	3.8	133.8
EMSC-20120211_0000053	CH.SKAF..HG.EMSC-20120211_0000053.h5	250	3.8	73.7
EMSC-20120211_0000053	CH.SLTM2..HG.EMSC-20120211_0000053.h5	250	3.8	45
EMSC-20120211_0000053	CH.SLUB..HG.EMSC-20120211_0000053.h5	250	3.8	18.2
EMSC-20120211_0000053	CH.SLUW..HG.EMSC-20120211_0000053.h5	250	3.8	18.2
EMSC-20120211_0000053	CH.SMUK..HG.EMSC-20120211_0000053.h5	250	3.8	153.3
EMSC-20120211_0000053	CH.SMUR..HG.EMSC-20120211_0000053.h5	250	3.8	155.1
EMSC-20120211_0000053	CH.SMZW..HG.EMSC-20120211_0000053.h5	250	3.8	78.8
EMSC-20120211_0000053	CH.SNIB..HG.EMSC-20120211_0000053.h5	250	3.8	120.5
EMSC-20120211_0000053	CH.SOLB..HG.EMSC-20120211_0000053.h5	250	3.8	75.3
EMSC-20120211_0000053	CH.SRER..HG.EMSC-20120211_0000053.h5	250	3.8	79.8
EMSC-20120211_0000053	CH.SRHB..HG.EMSC-20120211_0000053.h5	250	3.8	81.7
EMSC-20120211_0000053	CH.STAF..HG.EMSC-20120211_0000053.h5	250	3.8	105.3
EMSC-20120211_0000053	CH.STSP..HG.EMSC-20120211_0000053.h5	250	3.8	150.7
EMSC-20120211_0000053	CH.SVAM..HG.EMSC-20120211_0000053.h5	250	3.8	92.6
EMSC-20120211_0000053	CH.SVIL..HG.EMSC-20120211_0000053.h5	250	3.8	106.2
EMSC-20120211_0000053	CH.SVIO..HG.EMSC-20120211_0000053.h5	250	3.8	106.6
EMSC-20120211_0000053	CH.SVIT..HG.EMSC-20120211_0000053.h5	250	3.8	106.5
EMSC-20120211_0000053	CH.SYVP..HG.EMSC-20120211_0000053.h5	250	3.8	147.9
EMSC-20120609_0000005	CH.SCUC..HG.EMSC-20120609_0000005.h5	250	4	181.2
EMSC-20120609_0000005	CH.STSP..HG.EMSC-20120609_0000005.h5	250	4	173
EMSC-20120609_0000005	CH.SZER..HG.EMSC-20120609_0000005.h5	250	4	192.5
EMSC-20120826_0000064	AZ.BSAP..HN.EMSC-20120826_0000064.h5	250	5.4	77.7
EMSC-20120826_0000064	AZ.SETM..HN.EMSC-20120826_0000064.h5	250	5.4	109.6
EMSC-20120826_0000064	AZ.TONN..HN.EMSC-20120826_0000064.h5	250	5.4	55.8
EMSC-20120826_0000064	AZ.TRAN..HN.EMSC-20120826_0000064.h5	250	5.4	110.7
EMSC-20120826_0000064	AZ.TUBB..HN.EMSC-20120826_0000064.h5	250	5.4	83.8

EMSC-20120826_0000064	AZ.USGCB..HN.EMSC-20120826_0000064.h5	250	5.4	50.9
EMSC-20131212_0000002	CH.BIBA..HG.EMSC-20131212_0000002.h5	250	3.6	143.7
EMSC-20131212_0000002	CH.OTER1..HG.EMSC-20131212_0000002.h5	250	3.6	156.1
EMSC-20131212_0000002	CH.OTTER..HG.EMSC-20131212_0000002.h5	250	3.6	156.1
EMSC-20131212_0000002	CH.SALTS..HG.EMSC-20131212_0000002.h5	250	3.6	67
EMSC-20131212_0000002	CH.SARK..HG.EMSC-20131212_0000002.h5	250	3.6	96.3
EMSC-20131212_0000002	CH.SAUR..HG.EMSC-20131212_0000002.h5	250	3.6	146
EMSC-20131212_0000002	CH.SBAF..HG.EMSC-20131212_0000002.h5	250	3.6	157.2
EMSC-20131212_0000002	CH.SBAP..HG.EMSC-20131212_0000002.h5	250	3.6	158.6
EMSC-20131212_0000002	CH.SBAT..HG.EMSC-20131212_0000002.h5	250	3.6	156.8
EMSC-20131212_0000002	CH.SBEG..HG.EMSC-20131212_0000002.h5	250	3.6	151.6
EMSC-20131212_0000002	CH.SBERN..HG.EMSC-20131212_0000002.h5	250	3.6	156.6
EMSC-20131212_0000002	CH.SBIS2..HG.EMSC-20131212_0000002.h5	250	3.6	156
EMSC-20131212_0000002	CH.SBRS..HG.EMSC-20131212_0000002.h5	250	3.6	139.5
EMSC-20131212_0000002	CH.SBUA2..HG.EMSC-20131212_0000002.h5	250	3.6	16
EMSC-20131212_0000002	CH.SBUB..HG.EMSC-20131212_0000002.h5	250	3.6	15.1
EMSC-20131212_0000002	CH.SBUH..HG.EMSC-20131212_0000002.h5	250	3.6	17.4
EMSC-20131212_0000002	CH.SCEL..HG.EMSC-20131212_0000002.h5	250	3.6	62.9
EMSC-20131212_0000002	CH.SCHS..HG.EMSC-20131212_0000002.h5	250	3.6	100.9
EMSC-20131212_0000002	CH.SCOU..HG.EMSC-20131212_0000002.h5	250	3.6	183
EMSC-20131212_0000002	CH.SCUC..HG.EMSC-20131212_0000002.h5	250	3.6	66.2
EMSC-20131212_0000002	CH.SCUG..HG.EMSC-20131212_0000002.h5	250	3.6	17.9
EMSC-20131212_0000002	CH.SFRA..HG.EMSC-20131212_0000002.h5	250	3.6	145.7
EMSC-20131212_0000002	CH.SGRA..HG.EMSC-20131212_0000002.h5	250	3.6	156.6
EMSC-20131212_0000002	CH.SIEB..HG.EMSC-20131212_0000002.h5	250	3.6	170.1
EMSC-20131212_0000002	CH.SINS..HG.EMSC-20131212_0000002.h5	250	3.6	129.7
EMSC-20131212_0000002	CH.SIOM.00.HG.EMSC-20131212_0000002.h5	250	3.6	185.4
EMSC-20131212_0000002	CH.SIOO..HG.EMSC-20131212_0000002.h5	250	3.6	183.7
EMSC-20131212_0000002	CH.SIOV..HG.EMSC-20131212_0000002.h5	250	3.6	184.9
EMSC-20131212_0000002	CH.SKAF..HG.EMSC-20131212_0000002.h5	250	3.6	146.4
EMSC-20131212_0000002	CH.SLOP..HG.EMSC-20131212_0000002.h5	250	3.6	109.1
EMSC-20131212_0000002	CH.SLTM2..HG.EMSC-20131212_0000002.h5	250	3.6	39
EMSC-20131212_0000002	CH.SLUB..HG.EMSC-20131212_0000002.h5	250	3.6	90.6
EMSC-20131212_0000002	CH.SLUW..HG.EMSC-20131212_0000002.h5	250	3.6	89.6
EMSC-20131212_0000002	CH.SMZW..HG.EMSC-20131212_0000002.h5	250	3.6	151.8
EMSC-20131212_0000002	CH.SOLB..HG.EMSC-20131212_0000002.h5	250	3.6	151.7
EMSC-20131212_0000002	CH.SOLZ..HG.EMSC-20131212_0000002.h5	250	3.6	150.1
EMSC-20131212_0000002	CH.SRER..HG.EMSC-20131212_0000002.h5	250	3.6	153.8
EMSC-20131212_0000002	CH.SRHB..HG.EMSC-20131212_0000002.h5	250	3.6	154.4
EMSC-20131212_0000002	CH.STAF..HG.EMSC-20131212_0000002.h5	250	3.6	175.2
EMSC-20131212_0000002	CH.STGK..HG.EMSC-20131212_0000002.h5	250	3.6	46.2
EMSC-20131212_0000002	CH.STSP..HG.EMSC-20131212_0000002.h5	250	3.6	77.2
EMSC-20131212_0000002	CH.SVAM..HG.EMSC-20131212_0000002.h5	250	3.6	36

EMSC-20131212_0000002	CH.SVIL..HG.EMSC-20131212_0000002.h5	250	3.6	147.1
EMSC-20131212_0000002	CH.SVIO..HG.EMSC-20131212_0000002.h5	250	3.6	147.6
EMSC-20131212_0000002	CH.SVIT..HG.EMSC-20131212_0000002.h5	250	3.6	147.4
EMSC-20131212_0000002	CH.SZUZ..HG.EMSC-20131212_0000002.h5	250	3.6	83.5
EMSC-20140407_0000141	CH.SEMOS..HG.EMSC-20140407_0000141.h5	250	4.7	175.4
EMSC-20140407_0000141	CH.SIOM.00.HG.EMSC-20140407_0000141.h5	250	4.7	199.2
EMSC-20140407_0000141	CH.SIOO..HG.EMSC-20140407_0000141.h5	250	4.7	200
EMSC-20140407_0000141	CH.SIOV..HG.EMSC-20140407_0000141.h5	250	4.7	199.9
EMSC-20140407_0000141	CH.SMAO..HG.EMSC-20140407_0000141.h5	250	4.7	180.3
EMSC-20140407_0000141	CH.SMUK..HG.EMSC-20140407_0000141.h5	250	4.7	199.6
EMSC-20140828_0000047	CH.SBUA2..HG.EMSC-20140828_0000047.h5	250	3.6	190.7
EMSC-20140828_0000047	CH.SBUB..HG.EMSC-20140828_0000047.h5	250	3.6	190.8
EMSC-20140828_0000047	CH.SCEL..HG.EMSC-20140828_0000047.h5	250	3.6	113.6
EMSC-20140828_0000047	CH.SCUC..HG.EMSC-20140828_0000047.h5	250	3.6	130
EMSC-20140828_0000047	CH.SLOP..HG.EMSC-20140828_0000047.h5	250	3.6	156.1
EMSC-20140828_0000047	CH.SLTM2..HG.EMSC-20140828_0000047.h5	250	3.6	190.6
EMSC-20140828_0000047	CH.STSP..HG.EMSC-20140828_0000047.h5	250	3.6	110.9
EMSC-20140828_0000047	CH.SVAM..HG.EMSC-20140828_0000047.h5	250	3.6	145.1
EMSC-20140828_0000047	CH.SZER..HG.EMSC-20140828_0000047.h5	250	3.6	123.8
EMSC-20141123_0000061	CH.BIBA..HG.EMSC-20141123_0000061.h5	250	2.9	84.5
EMSC-20141123_0000061	CH.SAIG..HG.EMSC-20141123_0000061.h5	250	2.9	34.4
EMSC-20141123_0000061	CH.SBRS..HG.EMSC-20141123_0000061.h5	250	2.9	88.8
EMSC-20141123_0000061	CH.SCOU..HG.EMSC-20141123_0000061.h5	250	2.9	94.9
EMSC-20141123_0000061	CH.SEMOS..HG.EMSC-20141123_0000061.h5	250	2.9	6.5
EMSC-20141123_0000061	CH.SGEV..HG.EMSC-20141123_0000061.h5	250	2.9	64.2
EMSC-20141123_0000061	CH.SGRA..HG.EMSC-20141123_0000061.h5	250	2.9	73.7
EMSC-20141123_0000061	CH.SIEB..HG.EMSC-20141123_0000061.h5	250	2.9	57.1
EMSC-20141123_0000061	CH.SIOM.00.HG.EMSC-20141123_0000061.h5	250	2.9	42
EMSC-20141123_0000061	CH.SIOV..HG.EMSC-20141123_0000061.h5	250	2.9	42.5
EMSC-20141123_0000061	CH.SMAO..HG.EMSC-20141123_0000061.h5	250	2.9	15.5
EMSC-20141123_0000061	CH.SMUK..HG.EMSC-20141123_0000061.h5	250	2.9	30.8
EMSC-20141123_0000061	CH.SNIB..HG.EMSC-20141123_0000061.h5	250	2.9	70.7
EMSC-20141123_0000061	CH.STAF..HG.EMSC-20141123_0000061.h5	250	2.9	91.3
EMSC-20141123_0000061	CH.SVIO..HG.EMSC-20141123_0000061.h5	250	2.9	80.5
EMSC-20141123_0000061	CH.SVIT..HG.EMSC-20141123_0000061.h5	250	2.9	80.8
EMSC-20141123_0000061	CH.SYVP..HG.EMSC-20141123_0000061.h5	250	2.9	87.7
EMSC-20141128_0000061	CH.BIBA..HG.EMSC-20141128_0000061.h5	250	3	89.3
EMSC-20141128_0000061	CH.SBRS..HG.EMSC-20141128_0000061.h5	250	3	92
EMSC-20141128_0000061	CH.SEMOS..HG.EMSC-20141128_0000061.h5	250	3	80.7
EMSC-20141128_0000061	CH.SGRA..HG.EMSC-20141128_0000061.h5	250	3	75.8
EMSC-20141128_0000061	CH.SIOV..HG.EMSC-20141128_0000061.h5	250	3	81.3
EMSC-20141128_0000061	CH.SVIO..HG.EMSC-20141128_0000061.h5	250	3	87.1
EMSC-20141128_0000061	CH.SVIT..HG.EMSC-20141128_0000061.h5	250	3	87.1

EMSC-20150801_0000078	CH.SALTS..HG.EMSC-20150801_0000078.h5	250	3.7	197
EMSC-20150801_0000078	CH.SBGN..HG.EMSC-20150801_0000078.h5	250	3.7	112.8
EMSC-20150801_0000078	CH.SBUA2..HG.EMSC-20150801_0000078.h5	250	3.7	171.7
EMSC-20150801_0000078	CH.SBUB..HG.EMSC-20150801_0000078.h5	250	3.7	172.1
EMSC-20150801_0000078	CH.SBUH..HG.EMSC-20150801_0000078.h5	250	3.7	172.7
EMSC-20150801_0000078	CH.SCEL..HG.EMSC-20150801_0000078.h5	250	3.7	97.6
EMSC-20150801_0000078	CH.SCHK..HG.EMSC-20150801_0000078.h5	250	3.7	136.9
EMSC-20150801_0000078	CH.SCUC..HG.EMSC-20150801_0000078.h5	250	3.7	105.8
EMSC-20150801_0000078	CH.SCUG..HG.EMSC-20150801_0000078.h5	250	3.7	143
EMSC-20150801_0000078	CH.SDAK..HG.EMSC-20150801_0000078.h5	250	3.7	123.3
EMSC-20150801_0000078	CH.SLOP..HG.EMSC-20150801_0000078.h5	250	3.7	156.2
EMSC-20150801_0000078	CH.SLTM2..HG.EMSC-20150801_0000078.h5	250	3.7	177.3
EMSC-20150801_0000078	CH.SMFL..HG.EMSC-20150801_0000078.h5	250	3.7	173.1
EMSC-20150801_0000078	CH.STRW..HG.EMSC-20150801_0000078.h5	250	3.7	164.3
EMSC-20150801_0000078	CH.STSP..HG.EMSC-20150801_0000078.h5	250	3.7	87.3
EMSC-20150801_0000078	CH.SVAM..HG.EMSC-20150801_0000078.h5	250	3.7	130.2
EMSC-20150801_0000078	CH.SZER..HG.EMSC-20150801_0000078.h5	250	3.7	102.5
EMSC-20151106_0000016	CH.SMAO..HG.EMSC-20151106_0000016.h5	250	3.6	183.2
EMSC-20160610_0000039	AZ.BSAP..HN.EMSC-20160610_0000039.h5	250	5.2	22.1
EMSC-20160610_0000039	AZ.GARR..HN.EMSC-20160610_0000039.h5	250	5.2	27.7
EMSC-20160610_0000039	AZ.HSSP..HN.EMSC-20160610_0000039.h5	250	5.2	26.7
EMSC-20160610_0000039	AZ.SETM..HN.EMSC-20160610_0000039.h5	250	5.2	14
EMSC-20160610_0000039	AZ.TONN..HN.EMSC-20160610_0000039.h5	250	5.2	43.8
EMSC-20160610_0000039	AZ.TRAN..HN.EMSC-20160610_0000039.h5	250	5.2	14.9
EMSC-20160610_0000039	AZ.TUBB..HN.EMSC-20160610_0000039.h5	250	5.2	24.8
EMSC-20160730_0000088	CH.BIBA..HG.EMSC-20160730_0000088.h5	250	3.7	162.4
EMSC-20160730_0000088	CH.SAIG..HG.EMSC-20160730_0000088.h5	250	3.7	155.2
EMSC-20160730_0000088	CH.SAYF2..HG.EMSC-20160730_0000088.h5	250	3.7	151.6
EMSC-20160730_0000088	CH.SBRS..HG.EMSC-20160730_0000088.h5	250	3.7	165.3
EMSC-20160730_0000088	CH.SEMOS..HG.EMSC-20160730_0000088.h5	250	3.7	128.1
EMSC-20160730_0000088	CH.SEPFL..HG.EMSC-20160730_0000088.h5	250	3.7	183.7
EMSC-20160730_0000088	CH.SGAK..HG.EMSC-20160730_0000088.h5	250	3.7	159.3
EMSC-20160730_0000088	CH.SGEV..HG.EMSC-20160730_0000088.h5	250	3.7	164.2
EMSC-20160730_0000088	CH.SGRA..HG.EMSC-20160730_0000088.h5	250	3.7	148.5
EMSC-20160730_0000088	CH.SIEB..HG.EMSC-20160730_0000088.h5	250	3.7	153.7
EMSC-20160730_0000088	CH.SIOM.00.HG.EMSC-20160730_0000088.h5	250	3.7	144.7
EMSC-20160730_0000088	CH.SIOO..HG.EMSC-20160730_0000088.h5	250	3.7	145.3
EMSC-20160730_0000088	CH.SIOV..HG.EMSC-20160730_0000088.h5	250	3.7	145.4
EMSC-20160730_0000088	CH.SLOP..HG.EMSC-20160730_0000088.h5	250	3.7	184.3
EMSC-20160730_0000088	CH.SMAO..HG.EMSC-20160730_0000088.h5	250	3.7	130.2
EMSC-20160730_0000088	CH.SMOE..HG.EMSC-20160730_0000088.h5	250	3.7	196.1
EMSC-20160730_0000088	CH.SMUK..HG.EMSC-20160730_0000088.h5	250	3.7	152.1
EMSC-20160730_0000088	CH.SNIB..HG.EMSC-20160730_0000088.h5	250	3.7	145.9

EMSC-20160730_0000088	CH.SVEJ..HG.EMSC-20160730_0000088.h5	250	3.7	172.3
EMSC-20160730_0000088	CH.SVIL..HG.EMSC-20160730_0000088.h5	250	3.7	160.1
EMSC-20160730_0000088	CH.SVIO..HG.EMSC-20160730_0000088.h5	250	3.7	159.8
EMSC-20160730_0000088	CH.SVISP.BT.HG.EMSC-20160730_0000088.h5	250	3.7	160.8
EMSC-20160730_0000088	CH.SVISP.M1.HG.EMSC-20160730_0000088.h5	250	3.7	160.8
EMSC-20160730_0000088	CH.SVISP.SF.HG.EMSC-20160730_0000088.h5	250	3.7	160.8
EMSC-20160730_0000088	CH.SVIT..HG.EMSC-20160730_0000088.h5	250	3.7	159.8
EMSC-20161024_0000084	CH.BIBA..HG.EMSC-20161024_0000084.h5	250	3.8	26.7
EMSC-20161024_0000084	CH.MTI01..HG.EMSC-20161024_0000084.h5	250	3.8	132.4
EMSC-20161024_0000084	CH.MTI03.00.HG.EMSC-20161024_0000084.h5	250	3.8	131.5
EMSC-20161024_0000084	CH.OTTER..HG.EMSC-20161024_0000084.h5	250	3.8	150.2
EMSC-20161024_0000084	CH.SAIG..HG.EMSC-20161024_0000084.h5	250	3.8	49.9
EMSC-20161024_0000084	CH.SALTS..HG.EMSC-20161024_0000084.h5	250	3.8	107.8
EMSC-20161024_0000084	CH.SAPK..HG.EMSC-20161024_0000084.h5	250	3.8	184.4
EMSC-20161024_0000084	CH.SARE..HG.EMSC-20161024_0000084.h5	250	3.8	199.9
EMSC-20161024_0000084	CH.SARK..HG.EMSC-20161024_0000084.h5	250	3.8	88.8
EMSC-20161024_0000084	CH.SAUR..HG.EMSC-20161024_0000084.h5	250	3.8	145.6
EMSC-20161024_0000084	CH.SAYF2..HG.EMSC-20161024_0000084.h5	250	3.8	15.8
EMSC-20161024_0000084	CH.SBAF..HG.EMSC-20161024_0000084.h5	250	3.8	150.9
EMSC-20161024_0000084	CH.SBAK..HG.EMSC-20161024_0000084.h5	250	3.8	149.5
EMSC-20161024_0000084	CH.SBAP..HG.EMSC-20161024_0000084.h5	250	3.8	149.6
EMSC-20161024_0000084	CH.SBAS..HG.EMSC-20161024_0000084.h5	250	3.8	128.3
EMSC-20161024_0000084	CH.SBAT..HG.EMSC-20161024_0000084.h5	250	3.8	148.1
EMSC-20161024_0000084	CH.SBAV..HG.EMSC-20161024_0000084.h5	250	3.8	148.6
EMSC-20161024_0000084	CH.SBAW..HG.EMSC-20161024_0000084.h5	250	3.8	146.8
EMSC-20161024_0000084	CH.SBEG..HG.EMSC-20161024_0000084.h5	250	3.8	149.5
EMSC-20161024_0000084	CH.SBGN..HG.EMSC-20161024_0000084.h5	250	3.8	171
EMSC-20161024_0000084	CH.SBIF2.00.HG.EMSC-20161024_0000084.h5	250	3.8	147.6
EMSC-20161024_0000084	CH.SBIK..HG.EMSC-20161024_0000084.h5	250	3.8	104.5
EMSC-20161024_0000084	CH.SBIS2..HG.EMSC-20161024_0000084.h5	250	3.8	146.1
EMSC-20161024_0000084	CH.SBRS..HG.EMSC-20161024_0000084.h5	250	3.8	31
EMSC-20161024_0000084	CH.SBUA2..HG.EMSC-20161024_0000084.h5	250	3.8	176.6
EMSC-20161024_0000084	CH.SBUB..HG.EMSC-20161024_0000084.h5	250	3.8	173.5
EMSC-20161024_0000084	CH.SCAS2..HG.EMSC-20161024_0000084.h5	250	3.8	78.6
EMSC-20161024_0000084	CH.SCEL..HG.EMSC-20161024_0000084.h5	250	3.8	176.2
EMSC-20161024_0000084	CH.SCHS..HG.EMSC-20161024_0000084.h5	250	3.8	182.9
EMSC-20161024_0000084	CH.SCOD..HG.EMSC-20161024_0000084.h5	250	3.8	45.4
EMSC-20161024_0000084	CH.SCOU..HG.EMSC-20161024_0000084.h5	250	3.8	79.5
EMSC-20161024_0000084	CH.SCUG..HG.EMSC-20161024_0000084.h5	250	3.8	163.2
EMSC-20161024_0000084	CH.SDES..HG.EMSC-20161024_0000084.h5	250	3.8	128.5
EMSC-20161024_0000084	CH.SEMOS..HG.EMSC-20161024_0000084.h5	250	3.8	54.4
EMSC-20161024_0000084	CH.SFEL..HG.EMSC-20161024_0000084.h5	250	3.8	152.9
EMSC-20161024_0000084	CH.SFRA..HG.EMSC-20161024_0000084.h5	250	3.8	142.2

EMSC-20161024_0000084	CH.SGAK..HG.EMSC-20161024_0000084.h5	250	3.8	14.6
EMSC-20161024_0000084	CH.SGEV..HG.EMSC-20161024_0000084.h5	250	3.8	113
EMSC-20161024_0000084	CH.SGRA..HG.EMSC-20161024_0000084.h5	250	3.8	18.5
EMSC-20161024_0000084	CH.SGT00.SF.HG.EMSC-20161024_0000084.h5	250	3.8	186.3
EMSC-20161024_0000084	CH.SIEB..HG.EMSC-20161024_0000084.h5	250	3.8	9.2
EMSC-20161024_0000084	CH.SINS..HG.EMSC-20161024_0000084.h5	250	3.8	55
EMSC-20161024_0000084	CH.SIOM.00.HG.EMSC-20161024_0000084.h5	250	3.8	18.5
EMSC-20161024_0000084	CH.SIOO..HG.EMSC-20161024_0000084.h5	250	3.8	16.8
EMSC-20161024_0000084	CH.SIOV..HG.EMSC-20161024_0000084.h5	250	3.8	18.3
EMSC-20161024_0000084	CH.SIZS..HG.EMSC-20161024_0000084.h5	250	3.8	137.3
EMSC-20161024_0000084	CH.SKAF..HG.EMSC-20161024_0000084.h5	250	3.8	146.1
EMSC-20161024_0000084	CH.SKLW..HG.EMSC-20161024_0000084.h5	250	3.8	155.9
EMSC-20161024_0000084	CH.SKRK..HG.EMSC-20161024_0000084.h5	250	3.8	198.6
EMSC-20161024_0000084	CH.SLCF..HG.EMSC-20161024_0000084.h5	250	3.8	113.6
EMSC-20161024_0000084	CH.SLOP..HG.EMSC-20161024_0000084.h5	250	3.8	92.1
EMSC-20161024_0000084	CH.SLTM2..HG.EMSC-20161024_0000084.h5	250	3.8	132.3
EMSC-20161024_0000084	CH.SLUB..HG.EMSC-20161024_0000084.h5	250	3.8	107
EMSC-20161024_0000084	CH.SLUK..HG.EMSC-20161024_0000084.h5	250	3.8	106.1
EMSC-20161024_0000084	CH.SLUW..HG.EMSC-20161024_0000084.h5	250	3.8	106.4
EMSC-20161024_0000084	CH.SMAO..HG.EMSC-20161024_0000084.h5	250	3.8	43.1
EMSC-20161024_0000084	CH.SMFL..HG.EMSC-20161024_0000084.h5	250	3.8	184.6
EMSC-20161024_0000084	CH.SMOE..HG.EMSC-20161024_0000084.h5	250	3.8	78.9
EMSC-20161024_0000084	CH.SMUK..HG.EMSC-20161024_0000084.h5	250	3.8	51.4
EMSC-20161024_0000084	CH.SMZW..HG.EMSC-20161024_0000084.h5	250	3.8	146.9
EMSC-20161024_0000084	CH.SNES2..HG.EMSC-20161024_0000084.h5	250	3.8	99.3
EMSC-20161024_0000084	CH.SNIB..HG.EMSC-20161024_0000084.h5	250	3.8	16.5
EMSC-20161024_0000084	CH.SOLB..HG.EMSC-20161024_0000084.h5	250	3.8	109.1
EMSC-20161024_0000084	CH.SOLZ..HG.EMSC-20161024_0000084.h5	250	3.8	109.3
EMSC-20161024_0000084	CH.SRER..HG.EMSC-20161024_0000084.h5	250	3.8	142.8
EMSC-20161024_0000084	CH.SRHB..HG.EMSC-20161024_0000084.h5	250	3.8	149.5
EMSC-20161024_0000084	CH.SRHE..HG.EMSC-20161024_0000084.h5	250	3.8	151.1
EMSC-20161024_0000084	CH.SRHH..HG.EMSC-20161024_0000084.h5	250	3.8	150.5
EMSC-20161024_0000084	CH.SSCN..HG.EMSC-20161024_0000084.h5	250	3.8	145.2
EMSC-20161024_0000084	CH.SSTS..HG.EMSC-20161024_0000084.h5	250	3.8	100.1
EMSC-20161024_0000084	CH.STAF..HG.EMSC-20161024_0000084.h5	250	3.8	70.8
EMSC-20161024_0000084	CH.STGK..HG.EMSC-20161024_0000084.h5	250	3.8	190
EMSC-20161024_0000084	CH.STHK..HG.EMSC-20161024_0000084.h5	250	3.8	57.5
EMSC-20161024_0000084	CH.STRW..HG.EMSC-20161024_0000084.h5	250	3.8	179
EMSC-20161024_0000084	CH.STSW2..HG.EMSC-20161024_0000084.h5	250	3.8	18.4
EMSC-20161024_0000084	CH.SVAM..HG.EMSC-20161024_0000084.h5	250	3.8	156.7
EMSC-20161024_0000084	CH.SVEJ..HG.EMSC-20161024_0000084.h5	250	3.8	64.1
EMSC-20161024_0000084	CH.SVIL..HG.EMSC-20161024_0000084.h5	250	3.8	23.2
EMSC-20161024_0000084	CH.SVIO..HG.EMSC-20161024_0000084.h5	250	3.8	22.7

EMSC-20161024_0000084	CH.SVISP.BT.HG.EMSC-20161024_0000084.h5	250	3.8	22.8
EMSC-20161024_0000084	CH.SVISP.M1.HG.EMSC-20161024_0000084.h5	250	3.8	22.8
EMSC-20161024_0000084	CH.SVISP.M2.HG.EMSC-20161024_0000084.h5	250	3.8	22.8
EMSC-20161024_0000084	CH.SVISP.SF.HG.EMSC-20161024_0000084.h5	250	3.8	22.8
EMSC-20161024_0000084	CH.SVIT..HG.EMSC-20161024_0000084.h5	250	3.8	23
EMSC-20161024_0000084	CH.SWAS..HG.EMSC-20161024_0000084.h5	250	3.8	164.2
EMSC-20161024_0000084	CH.SWIK..HG.EMSC-20161024_0000084.h5	250	3.8	175.3
EMSC-20161024_0000084	CH.SWIS..HG.EMSC-20161024_0000084.h5	250	3.8	166.3
EMSC-20161024_0000084	CH.SYVP..HG.EMSC-20161024_0000084.h5	250	3.8	95.6
EMSC-20161024_0000084	CH.SZEK..HG.EMSC-20161024_0000084.h5	250	3.8	25.6
EMSC-20161024_0000084	CH.SZUZ..HG.EMSC-20161024_0000084.h5	250	3.8	146.3
EMSC-20161203_0000036	CH.MTI01..HG.EMSC-20161203_0000036.h5	250	4.1	136.8
EMSC-20161203_0000036	CH.MTI03.00.HG.EMSC-20161203_0000036.h5	250	4.1	136.7
EMSC-20161203_0000036	CH.SAUR..HG.EMSC-20161203_0000036.h5	250	4.1	181.7
EMSC-20161203_0000036	CH.SBAF..HG.EMSC-20161203_0000036.h5	250	4.1	173.8
EMSC-20161203_0000036	CH.SBIK..HG.EMSC-20161203_0000036.h5	250	4.1	139.5
EMSC-20161203_0000036	CH.SBIS2..HG.EMSC-20161203_0000036.h5	250	4.1	171.8
EMSC-20161203_0000036	CH.SCOU..HG.EMSC-20161203_0000036.h5	250	4.1	131.5
EMSC-20161203_0000036	CH.SDES..HG.EMSC-20161203_0000036.h5	250	4.1	149.4
EMSC-20161203_0000036	CH.SEMOS..HG.EMSC-20161203_0000036.h5	250	4.1	163
EMSC-20161203_0000036	CH.SKAF..HG.EMSC-20161203_0000036.h5	250	4.1	181.6
EMSC-20161203_0000036	CH.SLCF..HG.EMSC-20161203_0000036.h5	250	4.1	105
EMSC-20161203_0000036	CH.SMOE..HG.EMSC-20161203_0000036.h5	250	4.1	115.8
EMSC-20161203_0000036	CH.SNES2..HG.EMSC-20161203_0000036.h5	250	4.1	117.7
EMSC-20161203_0000036	CH.SOLB..HG.EMSC-20161203_0000036.h5	250	4.1	160.3
EMSC-20161203_0000036	CH.SRER..HG.EMSC-20161203_0000036.h5	250	4.1	172
EMSC-20161203_0000036	CH.STAF..HG.EMSC-20161203_0000036.h5	250	4.1	141.1
EMSC-20161203_0000036	CH.SYVP..HG.EMSC-20161203_0000036.h5	250	4.1	100.1
EMSC-20170306_0000105	CH.BIBA..HG.EMSC-20170306_0000105.h5	250	4	95.1
EMSC-20170306_0000105	CH.MTI01..HG.EMSC-20170306_0000105.h5	250	4	146.9
EMSC-20170306_0000105	CH.OTTER..HG.EMSC-20170306_0000105.h5	250	4	130.5
EMSC-20170306_0000105	CH.SAIG..HG.EMSC-20170306_0000105.h5	250	4	159.7
EMSC-20170306_0000105	CH.SALTS..HG.EMSC-20170306_0000105.h5	250	4	22.5
EMSC-20170306_0000105	CH.SAPK..HG.EMSC-20170306_0000105.h5	250	4	67.7
EMSC-20170306_0000105	CH.SARD..HG.EMSC-20170306_0000105.h5	250	4	98.3
EMSC-20170306_0000105	CH.SARE..HG.EMSC-20170306_0000105.h5	250	4	86.5
EMSC-20170306_0000105	CH.SARK..HG.EMSC-20170306_0000105.h5	250	4	52.1
EMSC-20170306_0000105	CH.SAUR..HG.EMSC-20170306_0000105.h5	250	4	120.5
EMSC-20170306_0000105	CH.SAYF2..HG.EMSC-20170306_0000105.h5	250	4	129.4
EMSC-20170306_0000105	CH.SBAF..HG.EMSC-20170306_0000105.h5	250	4	131.6
EMSC-20170306_0000105	CH.SBAJ2..HG.EMSC-20170306_0000105.h5	250	4	131
EMSC-20170306_0000105	CH.SBAK..HG.EMSC-20170306_0000105.h5	250	4	130.7
EMSC-20170306_0000105	CH.SBAM2..HG.EMSC-20170306_0000105.h5	250	4	129.6

EMSC-20170306_0000105	CH.SBAP..HG.EMSC-20170306_0000105.h5	250	4	132.4
EMSC-20170306_0000105	CH.SBAS..HG.EMSC-20170306_0000105.h5	250	4	51.6
EMSC-20170306_0000105	CH.SBAT..HG.EMSC-20170306_0000105.h5	250	4	130.4
EMSC-20170306_0000105	CH.SBAV..HG.EMSC-20170306_0000105.h5	250	4	129.2
EMSC-20170306_0000105	CH.SBAW..HG.EMSC-20170306_0000105.h5	250	4	128.4
EMSC-20170306_0000105	CH.SBEG..HG.EMSC-20170306_0000105.h5	250	4	126.5
EMSC-20170306_0000105	CH.SBERN..HG.EMSC-20170306_0000105.h5	250	4	113.6
EMSC-20170306_0000105	CH.SBGN..HG.EMSC-20170306_0000105.h5	250	4	66.9
EMSC-20170306_0000105	CH.SBIK..HG.EMSC-20170306_0000105.h5	250	4	131.9
EMSC-20170306_0000105	CH.SBIS2..HG.EMSC-20170306_0000105.h5	250	4	129.1
EMSC-20170306_0000105	CH.SBRS..HG.EMSC-20170306_0000105.h5	250	4	91
EMSC-20170306_0000105	CH.SBUA2..HG.EMSC-20170306_0000105.h5	250	4	56.5
EMSC-20170306_0000105	CH.SBUB..HG.EMSC-20170306_0000105.h5	250	4	53.4
EMSC-20170306_0000105	CH.SBUH..HG.EMSC-20170306_0000105.h5	250	4	57.6
EMSC-20170306_0000105	CH.SCAS2..HG.EMSC-20170306_0000105.h5	250	4	77.5
EMSC-20170306_0000105	CH.SCEL..HG.EMSC-20170306_0000105.h5	250	4	79.7
EMSC-20170306_0000105	CH.SCHK..HG.EMSC-20170306_0000105.h5	250	4	47.3
EMSC-20170306_0000105	CH.SCHS..HG.EMSC-20170306_0000105.h5	250	4	101.4
EMSC-20170306_0000105	CH.SCOD..HG.EMSC-20170306_0000105.h5	250	4	142.4
EMSC-20170306_0000105	CH.SCOU..HG.EMSC-20170306_0000105.h5	250	4	138.5
EMSC-20170306_0000105	CH.SCUC..HG.EMSC-20170306_0000105.h5	250	4	105.7
EMSC-20170306_0000105	CH.SCUG..HG.EMSC-20170306_0000105.h5	250	4	46.3
EMSC-20170306_0000105	CH.SDAK..HG.EMSC-20170306_0000105.h5	250	4	69.7
EMSC-20170306_0000105	CH.SDES..HG.EMSC-20170306_0000105.h5	250	4	134.5
EMSC-20170306_0000105	CH.SEMOS..HG.EMSC-20170306_0000105.h5	250	4	173.8
EMSC-20170306_0000105	CH.SFEL..HG.EMSC-20170306_0000105.h5	250	4	94.9
EMSC-20170306_0000105	CH.SFRA..HG.EMSC-20170306_0000105.h5	250	4	119.1
EMSC-20170306_0000105	CH.SFRU..HG.EMSC-20170306_0000105.h5	250	4	134.4
EMSC-20170306_0000105	CH.SGAK..HG.EMSC-20170306_0000105.h5	250	4	106.3
EMSC-20170306_0000105	CH.SGRA..HG.EMSC-20170306_0000105.h5	250	4	108.4
EMSC-20170306_0000105	CH.SGT00.SF.HG.EMSC-20170306_0000105.h5	250	4	73.4
EMSC-20170306_0000105	CH.SHEK..HG.EMSC-20170306_0000105.h5	250	4	85.4
EMSC-20170306_0000105	CH.SIEB..HG.EMSC-20170306_0000105.h5	250	4	121.1
EMSC-20170306_0000105	CH.SINS..HG.EMSC-20170306_0000105.h5	250	4	81.9
EMSC-20170306_0000105	CH.SIOO..HG.EMSC-20170306_0000105.h5	250	4	134.7
EMSC-20170306_0000105	CH.SIOV..HG.EMSC-20170306_0000105.h5	250	4	135.8
EMSC-20170306_0000105	CH.SIZS..HG.EMSC-20170306_0000105.h5	250	4	22.5
EMSC-20170306_0000105	CH.SKAF..HG.EMSC-20170306_0000105.h5	250	4	121
EMSC-20170306_0000105	CH.SKLW..HG.EMSC-20170306_0000105.h5	250	4	76.3
EMSC-20170306_0000105	CH.SKRK..HG.EMSC-20170306_0000105.h5	250	4	94.2
EMSC-20170306_0000105	CH.SLCF..HG.EMSC-20170306_0000105.h5	250	4	164.5
EMSC-20170306_0000105	CH.SLOP..HG.EMSC-20170306_0000105.h5	250	4	73.6
EMSC-20170306_0000105	CH.SLTM2..HG.EMSC-20170306_0000105.h5	250	4	13.1

EMSC-20170306_0000105	CH.SLUB..HG.EMSC-20170306_0000105.h5	250	4	53.7
EMSC-20170306_0000105	CH.SLUK..HG.EMSC-20170306_0000105.h5	250	4	52.9
EMSC-20170306_0000105	CH.SLUW..HG.EMSC-20170306_0000105.h5	250	4	52.2
EMSC-20170306_0000105	CH.SMAO..HG.EMSC-20170306_0000105.h5	250	4	162.7
EMSC-20170306_0000105	CH.SMFL..HG.EMSC-20170306_0000105.h5	250	4	64.5
EMSC-20170306_0000105	CH.SMOE..HG.EMSC-20170306_0000105.h5	250	4	162.6
EMSC-20170306_0000105	CH.SMUK..HG.EMSC-20170306_0000105.h5	250	4	162.9
EMSC-20170306_0000105	CH.SMZW..HG.EMSC-20170306_0000105.h5	250	4	125.8
EMSC-20170306_0000105	CH.SNES2..HG.EMSC-20170306_0000105.h5	250	4	151.1
EMSC-20170306_0000105	CH.SNIB..HG.EMSC-20170306_0000105.h5	250	4	111.6
EMSC-20170306_0000105	CH.SOLB..HG.EMSC-20170306_0000105.h5	250	4	114.9
EMSC-20170306_0000105	CH.SOLZ..HG.EMSC-20170306_0000105.h5	250	4	113.5
EMSC-20170306_0000105	CH.SRER..HG.EMSC-20170306_0000105.h5	250	4	126.3
EMSC-20170306_0000105	CH.SRHB..HG.EMSC-20170306_0000105.h5	250	4	128.8
EMSC-20170306_0000105	CH.SRHE..HG.EMSC-20170306_0000105.h5	250	4	128.4
EMSC-20170306_0000105	CH.SRHH..HG.EMSC-20170306_0000105.h5	250	4	127.8
EMSC-20170306_0000105	CH.SSCN..HG.EMSC-20170306_0000105.h5	250	4	123.4
EMSC-20170306_0000105	CH.SSTS..HG.EMSC-20170306_0000105.h5	250	4	45.6
EMSC-20170306_0000105	CH.STAF..HG.EMSC-20170306_0000105.h5	250	4	130
EMSC-20170306_0000105	CH.STGK..HG.EMSC-20170306_0000105.h5	250	4	75.7
EMSC-20170306_0000105	CH.STHK..HG.EMSC-20170306_0000105.h5	250	4	98.8
EMSC-20170306_0000105	CH.STRW..HG.EMSC-20170306_0000105.h5	250	4	58.3
EMSC-20170306_0000105	CH.STSP..HG.EMSC-20170306_0000105.h5	250	4	110.3
EMSC-20170306_0000105	CH.STSW2..HG.EMSC-20170306_0000105.h5	250	4	125.4
EMSC-20170306_0000105	CH.SVAM..HG.EMSC-20170306_0000105.h5	250	4	48.5
EMSC-20170306_0000105	CH.SVEJ..HG.EMSC-20170306_0000105.h5	250	4	164.1
EMSC-20170306_0000105	CH.SVIL..HG.EMSC-20170306_0000105.h5	250	4	98.5
EMSC-20170306_0000105	CH.SVIO..HG.EMSC-20170306_0000105.h5	250	4	99
EMSC-20170306_0000105	CH.SVISP.BT.HG.EMSC-20170306_0000105.h5	250	4	98.5
EMSC-20170306_0000105	CH.SVISP.M1.HG.EMSC-20170306_0000105.h5	250	4	98.5
EMSC-20170306_0000105	CH.SVISP.M2.HG.EMSC-20170306_0000105.h5	250	4	98.5
EMSC-20170306_0000105	CH.SVISP.SF.HG.EMSC-20170306_0000105.h5	250	4	98.5
EMSC-20170306_0000105	CH.SVIT..HG.EMSC-20170306_0000105.h5	250	4	98.8
EMSC-20170306_0000105	CH.SWAS..HG.EMSC-20170306_0000105.h5	250	4	44.8
EMSC-20170306_0000105	CH.SWIK..HG.EMSC-20170306_0000105.h5	250	4	71.7
EMSC-20170306_0000105	CH.SWIS..HG.EMSC-20170306_0000105.h5	250	4	77.7
EMSC-20170306_0000105	CH.SYVP..HG.EMSC-20170306_0000105.h5	250	4	173.9
EMSC-20170306_0000105	CH.SZEK..HG.EMSC-20170306_0000105.h5	250	4	126.6
EMSC-20170306_0000105	CH.SZER..HG.EMSC-20170306_0000105.h5	250	4	91.1
EMSC-20170306_0000105	CH.SZUZ..HG.EMSC-20170306_0000105.h5	250	4	68.7
EMSC-20170701_0000027	C4.CERN1..HG.EMSC-20170701_0000027.h5	250	4	86.1
EMSC-20170701_0000027	C4.CERN5..HG.EMSC-20170701_0000027.h5	250	4	82.6
EMSC-20170701_0000027	CH.BIBA..HG.EMSC-20170701_0000027.h5	250	4	63.3

EMSC-20170701_0000027	CH.MTI01..HG.EMSC-20170701_0000027.h5	250	4	104.1
EMSC-20170701_0000027	CH.OTER1.BT.HG.EMSC-20170701_0000027.h5	250	4	131.1
EMSC-20170701_0000027	CH.SAIG..HG.EMSC-20170701_0000027.h5	250	4	18.9
EMSC-20170701_0000027	CH.SALTS..HG.EMSC-20170701_0000027.h5	250	4	125.1
EMSC-20170701_0000027	CH.SAPK..HG.EMSC-20170701_0000027.h5	250	4	199.3
EMSC-20170701_0000027	CH.SAUR..HG.EMSC-20170701_0000027.h5	250	4	129.3
EMSC-20170701_0000027	CH.SAYF2..HG.EMSC-20170701_0000027.h5	250	4	27.8
EMSC-20170701_0000027	CH.SBAF..HG.EMSC-20170701_0000027.h5	250	4	131.6
EMSC-20170701_0000027	CH.SBAK..HG.EMSC-20170701_0000027.h5	250	4	130.3
EMSC-20170701_0000027	CH.SBAM2..HG.EMSC-20170701_0000027.h5	250	4	128.6
EMSC-20170701_0000027	CH.SBAP..HG.EMSC-20170701_0000027.h5	250	4	129.8
EMSC-20170701_0000027	CH.SBAS..HG.EMSC-20170701_0000027.h5	250	4	134.6
EMSC-20170701_0000027	CH.SBAT..HG.EMSC-20170701_0000027.h5	250	4	128.7
EMSC-20170701_0000027	CH.SBAV..HG.EMSC-20170701_0000027.h5	250	4	129.7
EMSC-20170701_0000027	CH.SBAW..HG.EMSC-20170701_0000027.h5	250	4	127.9
EMSC-20170701_0000027	CH.SBEG..HG.EMSC-20170701_0000027.h5	250	4	131.8
EMSC-20170701_0000027	CH.SBERN..HG.EMSC-20170701_0000027.h5	250	4	60.6
EMSC-20170701_0000027	CH.SBIK..HG.EMSC-20170701_0000027.h5	250	4	77.4
EMSC-20170701_0000027	CH.SBIS2..HG.EMSC-20170701_0000027.h5	250	4	126.8
EMSC-20170701_0000027	CH.SBRS..HG.EMSC-20170701_0000027.h5	250	4	66.8
EMSC-20170701_0000027	CH.SBUB..HG.EMSC-20170701_0000027.h5	250	4	192.3
EMSC-20170701_0000027	CH.SCAS2..HG.EMSC-20170701_0000027.h5	250	4	118.6
EMSC-20170701_0000027	CH.SCHK..HG.EMSC-20170701_0000027.h5	250	4	188.1
EMSC-20170701_0000027	CH.SCHS..HG.EMSC-20170701_0000027.h5	250	4	181.5
EMSC-20170701_0000027	CH.SCOD..HG.EMSC-20170701_0000027.h5	250	4	3.1
EMSC-20170701_0000027	CH.SCOU..HG.EMSC-20170701_0000027.h5	250	4	45.8
EMSC-20170701_0000027	CH.SCUG..HG.EMSC-20170701_0000027.h5	250	4	188.7
EMSC-20170701_0000027	CH.SDES..HG.EMSC-20170701_0000027.h5	250	4	104.1
EMSC-20170701_0000027	CH.SEMOS..HG.EMSC-20170701_0000027.h5	250	4	44.4
EMSC-20170701_0000027	CH.SEPFL..HG.EMSC-20170701_0000027.h5	250	4	44.4
EMSC-20170701_0000027	CH.SFEL..HG.EMSC-20170701_0000027.h5	250	4	147.2
EMSC-20170701_0000027	CH.SFRA..HG.EMSC-20170701_0000027.h5	250	4	125.8
EMSC-20170701_0000027	CH.SFRU..HG.EMSC-20170701_0000027.h5	250	4	38.8
EMSC-20170701_0000027	CH.SGAK..HG.EMSC-20170701_0000027.h5	250	4	48.9
EMSC-20170701_0000027	CH.SGEV..HG.EMSC-20170701_0000027.h5	250	4	81.3
EMSC-20170701_0000027	CH.SGRA..HG.EMSC-20170701_0000027.h5	250	4	60.8
EMSC-20170701_0000027	CH.SGT00.SF.HG.EMSC-20170701_0000027.h5	250	4	198.5
EMSC-20170701_0000027	CH.SIEB..HG.EMSC-20170701_0000027.h5	250	4	35
EMSC-20170701_0000027	CH.SINS..HG.EMSC-20170701_0000027.h5	250	4	62.3
EMSC-20170701_0000027	CH.SIOO..HG.EMSC-20170701_0000027.h5	250	4	30.3
EMSC-20170701_0000027	CH.SIOV..HG.EMSC-20170701_0000027.h5	250	4	29.2
EMSC-20170701_0000027	CH.SIZS..HG.EMSC-20170701_0000027.h5	250	4	162.9
EMSC-20170701_0000027	CH.SKAF..HG.EMSC-20170701_0000027.h5	250	4	129.7

EMSC-20170701_0000027	CH.SKLW..HG.EMSC-20170701_0000027.h5	250	4	157.4
EMSC-20170701_0000027	CH.SLCF..HG.EMSC-20170701_0000027.h5	250	4	75.8
EMSC-20170701_0000027	CH.SLOP..HG.EMSC-20170701_0000027.h5	250	4	131.4
EMSC-20170701_0000027	CH.SLTM2..HG.EMSC-20170701_0000027.h5	250	4	152.6
EMSC-20170701_0000027	CH.SLUB..HG.EMSC-20170701_0000027.h5	250	4	112.7
EMSC-20170701_0000027	CH.SLUK..HG.EMSC-20170701_0000027.h5	250	4	112.2
EMSC-20170701_0000027	CH.SMAO..HG.EMSC-20170701_0000027.h5	250	4	38.5
EMSC-20170701_0000027	CH.SMOE..HG.EMSC-20170701_0000027.h5	250	4	36
EMSC-20170701_0000027	CH.SMUK..HG.EMSC-20170701_0000027.h5	250	4	22.8
EMSC-20170701_0000027	CH.SMZW..HG.EMSC-20170701_0000027.h5	250	4	128.9
EMSC-20170701_0000027	CH.SNES2..HG.EMSC-20170701_0000027.h5	250	4	63.4
EMSC-20170701_0000027	CH.SNIB..HG.EMSC-20170701_0000027.h5	250	4	59.4
EMSC-20170701_0000027	CH.SOLB..HG.EMSC-20170701_0000027.h5	250	4	89.9
EMSC-20170701_0000027	CH.SOLZ..HG.EMSC-20170701_0000027.h5	250	4	90.6
EMSC-20170701_0000027	CH.SRER..HG.EMSC-20170701_0000027.h5	250	4	124
EMSC-20170701_0000027	CH.SRHB..HG.EMSC-20170701_0000027.h5	250	4	130.9
EMSC-20170701_0000027	CH.SRHE..HG.EMSC-20170701_0000027.h5	250	4	133
EMSC-20170701_0000027	CH.SRHH..HG.EMSC-20170701_0000027.h5	250	4	132.5
EMSC-20170701_0000027	CH.SSCN..HG.EMSC-20170701_0000027.h5	250	4	127.8
EMSC-20170701_0000027	CH.SSTS..HG.EMSC-20170701_0000027.h5	250	4	109.9
EMSC-20170701_0000027	CH.STAF..HG.EMSC-20170701_0000027.h5	250	4	40.8
EMSC-20170701_0000027	CH.STHK..HG.EMSC-20170701_0000027.h5	250	4	50.7
EMSC-20170701_0000027	CH.STRW..HG.EMSC-20170701_0000027.h5	250	4	199.2
EMSC-20170701_0000027	CH.STSW2..HG.EMSC-20170701_0000027.h5	250	4	25.6
EMSC-20170701_0000027	CH.SVAM..HG.EMSC-20170701_0000027.h5	250	4	185.6
EMSC-20170701_0000027	CH.SVEJ..HG.EMSC-20170701_0000027.h5	250	4	22.6
EMSC-20170701_0000027	CH.SVIL..HG.EMSC-20170701_0000027.h5	250	4	60.4
EMSC-20170701_0000027	CH.SVIO..HG.EMSC-20170701_0000027.h5	250	4	60
EMSC-20170701_0000027	CH.SVISP.BT.HG.EMSC-20170701_0000027.h5	250	4	59.5
EMSC-20170701_0000027	CH.SVISP.M1.HG.EMSC-20170701_0000027.h5	250	4	59.5
EMSC-20170701_0000027	CH.SVISP.M2.HG.EMSC-20170701_0000027.h5	250	4	59.4
EMSC-20170701_0000027	CH.SVISP.SF.HG.EMSC-20170701_0000027.h5	250	4	59.4
EMSC-20170701_0000027	CH.SVIT..HG.EMSC-20170701_0000027.h5	250	4	60.3
EMSC-20170701_0000027	CH.SWAS..HG.EMSC-20170701_0000027.h5	250	4	182.5
EMSC-20170701_0000027	CH.SWIK..HG.EMSC-20170701_0000027.h5	250	4	183.7
EMSC-20170701_0000027	CH.SYVP..HG.EMSC-20170701_0000027.h5	250	4	52.7
EMSC-20170701_0000027	CH.SZEK..HG.EMSC-20170701_0000027.h5	250	4	66.8
EMSC-20170701_0000027	CH.SZWD2..HG.EMSC-20170701_0000027.h5	250	4	22
EMSC-20171119_0000056	CH.SCAS2..HG.EMSC-20171119_0000056.h5	250	4.4	199.8
EMSC-20171119_0000056	CH.SLOP..HG.EMSC-20171119_0000056.h5	250	4.4	193.4
EMSC-20171119_0000056	CH.SUSI..HG.EMSC-20171119_0000056.h5	250	4.4	172.1
EMSC-20180117_0000069	CH.SALTS..HG.EMSC-20180117_0000069.h5	250	4.2	106.8
EMSC-20180117_0000069	CH.SAPK..HG.EMSC-20180117_0000069.h5	250	4.2	47.7

EMSC-20180117_0000069	CH.SARD..HG.EMSC-20180117_0000069.h5	250	4.2	46
EMSC-20180117_0000069	CH.SARE..HG.EMSC-20180117_0000069.h5	250	4.2	57.4
EMSC-20180117_0000069	CH.SBAF..HG.EMSC-20180117_0000069.h5	250	4.2	186.6
EMSC-20180117_0000069	CH.SBAS..HG.EMSC-20180117_0000069.h5	250	4.2	111.2
EMSC-20180117_0000069	CH.SBAT..HG.EMSC-20180117_0000069.h5	250	4.2	186.7
EMSC-20180117_0000069	CH.SBEG..HG.EMSC-20180117_0000069.h5	250	4.2	180.9
EMSC-20180117_0000069	CH.SBGN..HG.EMSC-20180117_0000069.h5	250	4.2	61.9
EMSC-20180117_0000069	CH.SBIS2..HG.EMSC-20180117_0000069.h5	250	4.2	186.1
EMSC-20180117_0000069	CH.SBUA2..HG.EMSC-20180117_0000069.h5	250	4.2	38.8
EMSC-20180117_0000069	CH.SBUB..HG.EMSC-20180117_0000069.h5	250	4.2	41.6
EMSC-20180117_0000069	CH.SBUH..HG.EMSC-20180117_0000069.h5	250	4.2	38.6
EMSC-20180117_0000069	CH.SCAS2..HG.EMSC-20180117_0000069.h5	250	4.2	153.2
EMSC-20180117_0000069	CH.SCEL..HG.EMSC-20180117_0000069.h5	250	4.2	73.3
EMSC-20180117_0000069	CH.SCHK..HG.EMSC-20180117_0000069.h5	250	4.2	53.5
EMSC-20180117_0000069	CH.SCHS..HG.EMSC-20180117_0000069.h5	250	4.2	118.6
EMSC-20180117_0000069	CH.SCUC..HG.EMSC-20180117_0000069.h5	250	4.2	47.2
EMSC-20180117_0000069	CH.SCUG..HG.EMSC-20180117_0000069.h5	250	4.2	48.7
EMSC-20180117_0000069	CH.SDAK..HG.EMSC-20180117_0000069.h5	250	4.2	41.7
EMSC-20180117_0000069	CH.SEFS..HG.EMSC-20180117_0000069.h5	250	4.2	108.4
EMSC-20180117_0000069	CH.SFEL..HG.EMSC-20180117_0000069.h5	250	4.2	138.7
EMSC-20180117_0000069	CH.SFRA..HG.EMSC-20180117_0000069.h5	250	4.2	176
EMSC-20180117_0000069	CH.SGLK..HG.EMSC-20180117_0000069.h5	250	4.2	70.8
EMSC-20180117_0000069	CH.SGRA..HG.EMSC-20180117_0000069.h5	250	4.2	196.3
EMSC-20180117_0000069	CH.SGT00.SF.HG.EMSC-20180117_0000069.h5	250	4.2	58.7
EMSC-20180117_0000069	CH.SHEK..HG.EMSC-20180117_0000069.h5	250	4.2	39
EMSC-20180117_0000069	CH.SINS..HG.EMSC-20180117_0000069.h5	250	4.2	169.8
EMSC-20180117_0000069	CH.SIZS..HG.EMSC-20180117_0000069.h5	250	4.2	73.3
EMSC-20180117_0000069	CH.SKAF..HG.EMSC-20180117_0000069.h5	250	4.2	176
EMSC-20180117_0000069	CH.SKLW..HG.EMSC-20180117_0000069.h5	250	4.2	112.2
EMSC-20180117_0000069	CH.SKRK..HG.EMSC-20180117_0000069.h5	250	4.2	81.2
EMSC-20180117_0000069	CH.SLTM2..HG.EMSC-20180117_0000069.h5	250	4.2	79.2
EMSC-20180117_0000069	CH.SLUB..HG.EMSC-20180117_0000069.h5	250	4.2	127.8
EMSC-20180117_0000069	CH.SLUW..HG.EMSC-20180117_0000069.h5	250	4.2	127
EMSC-20180117_0000069	CH.SMFL..HG.EMSC-20180117_0000069.h5	250	4.2	33.5
EMSC-20180117_0000069	CH.SMZW..HG.EMSC-20180117_0000069.h5	250	4.2	181.6
EMSC-20180117_0000069	CH.SRER..HG.EMSC-20180117_0000069.h5	250	4.2	184.4
EMSC-20180117_0000069	CH.SRHB..HG.EMSC-20180117_0000069.h5	250	4.2	183.9
EMSC-20180117_0000069	CH.SRHE..HG.EMSC-20180117_0000069.h5	250	4.2	182.4
EMSC-20180117_0000069	CH.SSCN..HG.EMSC-20180117_0000069.h5	250	4.2	179.6
EMSC-20180117_0000069	CH.SSTS..HG.EMSC-20180117_0000069.h5	250	4.2	125.5
EMSC-20180117_0000069	CH.STGK..HG.EMSC-20180117_0000069.h5	250	4.2	54.3
EMSC-20180117_0000069	CH.STRW..HG.EMSC-20180117_0000069.h5	250	4.2	33.2
EMSC-20180117_0000069	CH.STSP..HG.EMSC-20180117_0000069.h5	250	4.2	65.2

EMSC-20180117_0000069	CH.SVAM..HG.EMSC-20180117_0000069.h5	250	4.2	62.6
EMSC-20180117_0000069	CH.SVISP.SF.HG.EMSC-20180117_0000069.h5	250	4.2	187.2
EMSC-20180117_0000069	CH.SWAS..HG.EMSC-20180117_0000069.h5	250	4.2	51.3
EMSC-20180117_0000069	CH.SWIK..HG.EMSC-20180117_0000069.h5	250	4.2	79
EMSC-20180117_0000069	CH.SWIS..HG.EMSC-20180117_0000069.h5	250	4.2	102.2
EMSC-20180117_0000069	CH.SZUZ..HG.EMSC-20180117_0000069.h5	250	4.2	112.5
EMSC-20180201_0000005	CH.OTER1.BT.HG.EMSC-20180201_0000005.h5	250	3.8	186.8
EMSC-20180201_0000005	CH.OTTER..HG.EMSC-20180201_0000005.h5	250	3.8	186.8
EMSC-20180201_0000005	CH.SALTS..HG.EMSC-20180201_0000005.h5	250	3.8	107.8
EMSC-20180201_0000005	CH.SAPK..HG.EMSC-20180201_0000005.h5	250	3.8	48.9
EMSC-20180201_0000005	CH.SARD..HG.EMSC-20180201_0000005.h5	250	3.8	45.1
EMSC-20180201_0000005	CH.SARE..HG.EMSC-20180201_0000005.h5	250	3.8	58.5
EMSC-20180201_0000005	CH.SAUR..HG.EMSC-20180201_0000005.h5	250	3.8	176.9
EMSC-20180201_0000005	CH.SBAF..HG.EMSC-20180201_0000005.h5	250	3.8	187.8
EMSC-20180201_0000005	CH.SBAS..HG.EMSC-20180201_0000005.h5	250	3.8	112.3
EMSC-20180201_0000005	CH.SBAT..HG.EMSC-20180201_0000005.h5	250	3.8	187.9
EMSC-20180201_0000005	CH.SBAW..HG.EMSC-20180201_0000005.h5	250	3.8	186
EMSC-20180201_0000005	CH.SBEG..HG.EMSC-20180201_0000005.h5	250	3.8	182.2
EMSC-20180201_0000005	CH.SBGN..HG.EMSC-20180201_0000005.h5	250	3.8	61.8
EMSC-20180201_0000005	CH.SBIS2..HG.EMSC-20180201_0000005.h5	250	3.8	187.4
EMSC-20180201_0000005	CH.SBRS..HG.EMSC-20180201_0000005.h5	250	3.8	180.2
EMSC-20180201_0000005	CH.SBUA2..HG.EMSC-20180201_0000005.h5	250	3.8	39.9
EMSC-20180201_0000005	CH.SBUB..HG.EMSC-20180201_0000005.h5	250	3.8	42.8
EMSC-20180201_0000005	CH.SBUH..HG.EMSC-20180201_0000005.h5	250	3.8	39.8
EMSC-20180201_0000005	CH.SCAS2..HG.EMSC-20180201_0000005.h5	250	3.8	153.6
EMSC-20180201_0000005	CH.SCEL..HG.EMSC-20180201_0000005.h5	250	3.8	73
EMSC-20180201_0000005	CH.SCHK..HG.EMSC-20180201_0000005.h5	250	3.8	53.9
EMSC-20180201_0000005	CH.SCHS..HG.EMSC-20180201_0000005.h5	250	3.8	119.8
EMSC-20180201_0000005	CH.SCUC..HG.EMSC-20180201_0000005.h5	250	3.8	46.2
EMSC-20180201_0000005	CH.SCUG..HG.EMSC-20180201_0000005.h5	250	3.8	49.1
EMSC-20180201_0000005	CH.SDAK..HG.EMSC-20180201_0000005.h5	250	3.8	41.6
EMSC-20180201_0000005	CH.SEFS..HG.EMSC-20180201_0000005.h5	250	3.8	109.3
EMSC-20180201_0000005	CH.SFEL..HG.EMSC-20180201_0000005.h5	250	3.8	139.9
EMSC-20180201_0000005	CH.SFRA..HG.EMSC-20180201_0000005.h5	250	3.8	177.2
EMSC-20180201_0000005	CH.SGAK..HG.EMSC-20180201_0000005.h5	250	3.8	196.2
EMSC-20180201_0000005	CH.SGLK..HG.EMSC-20180201_0000005.h5	250	3.8	71.8
EMSC-20180201_0000005	CH.SGRA..HG.EMSC-20180201_0000005.h5	250	3.8	197
EMSC-20180201_0000005	CH.SGT00.SF.HG.EMSC-20180201_0000005.h5	250	3.8	59.9
EMSC-20180201_0000005	CH.SHEK..HG.EMSC-20180201_0000005.h5	250	3.8	40.1
EMSC-20180201_0000005	CH.SINS..HG.EMSC-20180201_0000005.h5	250	3.8	170.7
EMSC-20180201_0000005	CH.SIZS..HG.EMSC-20180201_0000005.h5	250	3.8	73.9
EMSC-20180201_0000005	CH.SKAF..HG.EMSC-20180201_0000005.h5	250	3.8	177.3
EMSC-20180201_0000005	CH.SKLW..HG.EMSC-20180201_0000005.h5	250	3.8	113.4

EMSC-20180201_0000005	CH.SKRK..HG.EMSC-20180201_0000005.h5	250	3.8	82.4
EMSC-20180201_0000005	CH.SLOP..HG.EMSC-20180201_0000005.h5	250	3.8	143.9
EMSC-20180201_0000005	CH.SLTM2..HG.EMSC-20180201_0000005.h5	250	3.8	80.1
EMSC-20180201_0000005	CH.SLUB..HG.EMSC-20180201_0000005.h5	250	3.8	128.9
EMSC-20180201_0000005	CH.SLUK..HG.EMSC-20180201_0000005.h5	250	3.8	128.8
EMSC-20180201_0000005	CH.SLUW..HG.EMSC-20180201_0000005.h5	250	3.8	128.1
EMSC-20180201_0000005	CH.SMFL..HG.EMSC-20180201_0000005.h5	250	3.8	34.7
EMSC-20180201_0000005	CH.SMZW..HG.EMSC-20180201_0000005.h5	250	3.8	182.8
EMSC-20180201_0000005	CH.SRHB..HG.EMSC-20180201_0000005.h5	250	3.8	185.1
EMSC-20180201_0000005	CH.SRHE..HG.EMSC-20180201_0000005.h5	250	3.8	183.7
EMSC-20180201_0000005	CH.SSTS..HG.EMSC-20180201_0000005.h5	250	3.8	126.6
EMSC-20180201_0000005	CH.STGK..HG.EMSC-20180201_0000005.h5	250	3.8	55.5
EMSC-20180201_0000005	CH.STHK..HG.EMSC-20180201_0000005.h5	250	3.8	186
EMSC-20180201_0000005	CH.STRW..HG.EMSC-20180201_0000005.h5	250	3.8	34.2
EMSC-20180201_0000005	CH.STSP..HG.EMSC-20180201_0000005.h5	250	3.8	64.2
EMSC-20180201_0000005	CH.SUSI..HG.EMSC-20180201_0000005.h5	250	3.8	150.3
EMSC-20180201_0000005	CH.SVAM..HG.EMSC-20180201_0000005.h5	250	3.8	62.8
EMSC-20180201_0000005	CH.SVISP..SF.HG.EMSC-20180201_0000005.h5	250	3.8	188
EMSC-20180201_0000005	CH.SWAS..HG.EMSC-20180201_0000005.h5	250	3.8	52.4
EMSC-20180201_0000005	CH.SWIK..HG.EMSC-20180201_0000005.h5	250	3.8	80.2
EMSC-20180201_0000005	CH.SWIS..HG.EMSC-20180201_0000005.h5	250	3.8	103.4
EMSC-20180201_0000005	CH.SZER..HG.EMSC-20180201_0000005.h5	250	3.8	51.6
EMSC-20180201_0000005	CH.SZUZ..HG.EMSC-20180201_0000005.h5	250	3.8	113.7
EMSC-20180519_0000115	CH.SCAS2..HG.EMSC-20180519_0000115.h5	250	3.9	169.9
EMSC-20180519_0000115	CH.SCEL..HG.EMSC-20180519_0000115.h5	250	3.9	187.7
EMSC-20180519_0000115	CH.SLOP..HG.EMSC-20180519_0000115.h5	250	3.9	164.5
EMSC-20180821_0000003	CH.SUSI..HG.EMSC-20180821_0000003.h5	250	3.7	190
EMSC-20181121_0000098	C4.CERN1..HG.EMSC-20181121_0000098.h5	250	4.2	77.5
EMSC-20181121_0000098	C4.CERN5..HG.EMSC-20181121_0000098.h5	250	4.2	80.6
EMSC-20181121_0000098	C4.CERNS..HG.EMSC-20181121_0000098.h5	250	4.2	78.9
EMSC-20181121_0000098	CH.SLCF..HG.EMSC-20181121_0000098.h5	250	4.2	169.1
EMSC-20181121_0000098	CH.STAF..HG.EMSC-20181121_0000098.h5	250	4.2	181.3
EMSC-20190101_0000077	RR.RCCR.00.HN.EMSC-20190101_0000077.h5	250	4.1	44.7
EMSC-20190528_0000043	C4.CERNS..HG.EMSC-20190528_0000043.h5	250	3.9	54.3
EMSC-20190528_0000043	CH.BIBA..HG.EMSC-20190528_0000043.h5	250	3.9	90
EMSC-20190528_0000043	CH.LAVEY..SF.HG.EMSC-20190528_0000043.h5	250	3.9	25.3
EMSC-20190528_0000043	CH.MTI01..HG.EMSC-20190528_0000043.h5	250	3.9	119.6
EMSC-20190528_0000043	CH.SAARA..HG.EMSC-20190528_0000043.h5	250	3.9	151.9
EMSC-20190528_0000043	CH.SAIG..HG.EMSC-20190528_0000043.h5	250	3.9	15.8
EMSC-20190528_0000043	CH.SARC..HG.EMSC-20190528_0000043.h5	250	3.9	40.6
EMSC-20190528_0000043	CH.SAYF2..HG.EMSC-20190528_0000043.h5	250	3.9	50.7
EMSC-20190528_0000043	CH.SBEG..HG.EMSC-20190528_0000043.h5	250	3.9	153.2
EMSC-20190528_0000043	CH.SBIK..HG.EMSC-20190528_0000043.h5	250	3.9	95.9

EMSC-20190528_0000043	CH.SBIS2..HG.EMSC-20190528_0000043.h5	250	3.9	147.5
EMSC-20190528_0000043	CH.SBUL..HG.EMSC-20190528_0000043.h5	250	3.9	38.9
EMSC-20190528_0000043	CH.SCAS2..HG.EMSC-20190528_0000043.h5	250	3.9	144.2
EMSC-20190528_0000043	CH.SCOD..HG.EMSC-20190528_0000043.h5	250	3.9	31.7
EMSC-20190528_0000043	CH.SEFS..HG.EMSC-20190528_0000043.h5	250	3.9	154
EMSC-20190528_0000043	CH.SEMOS..HG.EMSC-20190528_0000043.h5	250	3.9	32.9
EMSC-20190528_0000043	CH.SENGL..HG.EMSC-20190528_0000043.h5	250	3.9	137.2
EMSC-20190528_0000043	CH.SEPFL..HG.EMSC-20190528_0000043.h5	250	3.9	25.3
EMSC-20190528_0000043	CH.SFEL..HG.EMSC-20190528_0000043.h5	250	3.9	173.5
EMSC-20190528_0000043	CH.SFRA..HG.EMSC-20190528_0000043.h5	250	3.9	148.2
EMSC-20190528_0000043	CH.SFRS..HG.EMSC-20190528_0000043.h5	250	3.9	73.7
EMSC-20190528_0000043	CH.SGAK..HG.EMSC-20190528_0000043.h5	250	3.9	75.4
EMSC-20190528_0000043	CH.SGRA..HG.EMSC-20190528_0000043.h5	250	3.9	84.2
EMSC-20190528_0000043	CH.SHER..HG.EMSC-20190528_0000043.h5	250	3.9	51.7
EMSC-20190528_0000043	CH.SIEB..HG.EMSC-20190528_0000043.h5	250	3.9	59.6
EMSC-20190528_0000043	CH.SINS..HG.EMSC-20190528_0000043.h5	250	3.9	92.9
EMSC-20190528_0000043	CH.SIOO..HG.EMSC-20190528_0000043.h5	250	3.9	49.2
EMSC-20190528_0000043	CH.SIOV..HG.EMSC-20190528_0000043.h5	250	3.9	47.7
EMSC-20190528_0000043	CH.SKAF..HG.EMSC-20190528_0000043.h5	250	3.9	152
EMSC-20190528_0000043	CH.SKEK..HG.EMSC-20190528_0000043.h5	250	3.9	131.8
EMSC-20190528_0000043	CH.SLCF..HG.EMSC-20190528_0000043.h5	250	3.9	82.8
EMSC-20190528_0000043	CH.SLTM2..HG.EMSC-20190528_0000043.h5	250	3.9	183.3
EMSC-20190528_0000043	CH.SLUB..HG.EMSC-20190528_0000043.h5	250	3.9	142.5
EMSC-20190528_0000043	CH.SMOE..HG.EMSC-20190528_0000043.h5	250	3.9	37.1
EMSC-20190528_0000043	CH.SMUK..HG.EMSC-20190528_0000043.h5	250	3.9	14.9
EMSC-20190528_0000043	CH.SOLB..HG.EMSC-20190528_0000043.h5	250	3.9	112.4
EMSC-20190528_0000043	CH.STAF..HG.EMSC-20190528_0000043.h5	250	3.9	62.4
EMSC-20190528_0000043	CH.STSW2..HG.EMSC-20190528_0000043.h5	250	3.9	51.6
EMSC-20190528_0000043	CH.SZWD2..HG.EMSC-20190528_0000043.h5	250	3.9	52.4
EMSC-20191104_0000005	CH.SAARA..HG.EMSC-20191104_0000005.h5	250	3.9	119.4
EMSC-20191104_0000005	CH.SALTS..HG.EMSC-20191104_0000005.h5	250	3.9	153.6
EMSC-20191104_0000005	CH.SAPK..HG.EMSC-20191104_0000005.h5	250	3.9	105.3
EMSC-20191104_0000005	CH.SARE..HG.EMSC-20191104_0000005.h5	250	3.9	86.5
EMSC-20191104_0000005	CH.SARK..HG.EMSC-20191104_0000005.h5	250	3.9	160.7
EMSC-20191104_0000005	CH.SAUR..HG.EMSC-20191104_0000005.h5	250	3.9	124.2
EMSC-20191104_0000005	CH.SBAS..HG.EMSC-20191104_0000005.h5	250	3.9	122.1
EMSC-20191104_0000005	CH.SBEG..HG.EMSC-20191104_0000005.h5	250	3.9	125.1
EMSC-20191104_0000005	CH.SBIS2..HG.EMSC-20191104_0000005.h5	250	3.9	132
EMSC-20191104_0000005	CH.SBUS.BT.HG.EMSC-20191104_0000005.h5	250	3.9	147
EMSC-20191104_0000005	CH.SBUS.M1.HG.EMSC-20191104_0000005.h5	250	3.9	147
EMSC-20191104_0000005	CH.SBUS.SF.HG.EMSC-20191104_0000005.h5	250	3.9	147
EMSC-20191104_0000005	CH.SCHS..HG.EMSC-20191104_0000005.h5	250	3.9	65.1
EMSC-20191104_0000005	CH.SEFS..HG.EMSC-20191104_0000005.h5	250	3.9	160.3

EMSC-20191104_0000005	CH.SENGL..HG.EMSC-20191104_0000005.h5	250	3.9	164
EMSC-20191104_0000005	CH.SFEL..HG.EMSC-20191104_0000005.h5	250	3.9	97.9
EMSC-20191104_0000005	CH.SHEK..HG.EMSC-20191104_0000005.h5	250	3.9	102.7
EMSC-20191104_0000005	CH.SINS..HG.EMSC-20191104_0000005.h5	250	3.9	193.1
EMSC-20191104_0000005	CH.SKEK..HG.EMSC-20191104_0000005.h5	250	3.9	158.6
EMSC-20191104_0000005	CH.SKLW..HG.EMSC-20191104_0000005.h5	250	3.9	92.5
EMSC-20191104_0000005	CH.SKRK..HG.EMSC-20191104_0000005.h5	250	3.9	67
EMSC-20191104_0000005	CH.SLTM2..HG.EMSC-20191104_0000005.h5	250	3.9	146.4
EMSC-20191104_0000005	CH.SLUW..HG.EMSC-20191104_0000005.h5	250	3.9	142.5
EMSC-20191104_0000005	CH.SMEIS..HG.EMSC-20191104_0000005.h5	250	3.9	179.1
EMSC-20191104_0000005	CH.SMELS..HG.EMSC-20191104_0000005.h5	250	3.9	136.4
EMSC-20191104_0000005	CH.SMFL..HG.EMSC-20191104_0000005.h5	250	3.9	121.4
EMSC-20191104_0000005	CH.SOLB..HG.EMSC-20191104_0000005.h5	250	3.9	160.4
EMSC-20191104_0000005	CH.SSTS..HG.EMSC-20191104_0000005.h5	250	3.9	150.4
EMSC-20191104_0000005	CH.STRW..HG.EMSC-20191104_0000005.h5	250	3.9	131.3
EMSC-20191104_0000005	CH.SWAS..HG.EMSC-20191104_0000005.h5	250	3.9	126.3
EMSC-20191104_0000005	CH.SWIK..HG.EMSC-20191104_0000005.h5	250	3.9	86.8
EMSC-20191104_0000005	CH.SWIS..HG.EMSC-20191104_0000005.h5	250	3.9	84.2
EMSC-20191104_0000005	CH.SWYZ..HG.EMSC-20191104_0000005.h5	250	3.9	137.9
EMSC-20191104_0000005	CH.SZUZ..HG.EMSC-20191104_0000005.h5	250	3.9	102.4
EMSC-20191107_0000114	RR.RCCR.00.HN.EMSC-20191107_0000114.h5	250	4.6	40.6
EMSC-20191107_0000159	RR.RCCR.00.HN.EMSC-20191107_0000159.h5	250	3.5	41.2
EMSC-20200416_0000063	CH.SCAS2..HG.EMSC-20200416_0000063.h5	250	4	176.9
EMSC-20200808_0000154	CH.SALTS..HG.EMSC-20200808_0000154.h5	250	3.8	156.6
EMSC-20200808_0000154	CH.SAPK..HG.EMSC-20200808_0000154.h5	250	3.8	96.8
EMSC-20200808_0000154	CH.SARD..HG.EMSC-20200808_0000154.h5	250	3.8	54.6
EMSC-20200808_0000154	CH.SARE..HG.EMSC-20200808_0000154.h5	250	3.8	100.9
EMSC-20200808_0000154	CH.SARK..HG.EMSC-20200808_0000154.h5	250	3.8	185.9
EMSC-20200808_0000154	CH.SBAS..HG.EMSC-20200808_0000154.h5	250	3.8	162.3
EMSC-20200808_0000154	CH.SBGN..HG.EMSC-20200808_0000154.h5	250	3.8	90.9
EMSC-20200808_0000154	CH.SBUA2..HG.EMSC-20200808_0000154.h5	250	3.8	90
EMSC-20200808_0000154	CH.SBUB..HG.EMSC-20200808_0000154.h5	250	3.8	92.8
EMSC-20200808_0000154	CH.SBUH..HG.EMSC-20200808_0000154.h5	250	3.8	89.8
EMSC-20200808_0000154	CH.SBUS.BT.HG.EMSC-20200808_0000154.h5	250	3.8	171.1
EMSC-20200808_0000154	CH.SBUS.M1.HG.EMSC-20200808_0000154.h5	250	3.8	171.1
EMSC-20200808_0000154	CH.SCAS2..HG.EMSC-20200808_0000154.h5	250	3.8	192
EMSC-20200808_0000154	CH.SCHK..HG.EMSC-20200808_0000154.h5	250	3.8	94.7
EMSC-20200808_0000154	CH.SCHS..HG.EMSC-20200808_0000154.h5	250	3.8	164.4
EMSC-20200808_0000154	CH.SCUC..HG.EMSC-20200808_0000154.h5	250	3.8	48.2
EMSC-20200808_0000154	CH.SCUG..HG.EMSC-20200808_0000154.h5	250	3.8	92.5
EMSC-20200808_0000154	CH.SDAK..HG.EMSC-20200808_0000154.h5	250	3.8	74.3
EMSC-20200808_0000154	CH.SEFS..HG.EMSC-20200808_0000154.h5	250	3.8	157.4
EMSC-20200808_0000154	CH.SENGL..HG.EMSC-20200808_0000154.h5	250	3.8	175

EMSC-20200808_0000154	CH.SGLK..HG.EMSC-20200808_0000154.h5	250	3.8	121.5
EMSC-20200808_0000154	CH.SHEK..HG.EMSC-20200808_0000154.h5	250	3.8	83
EMSC-20200808_0000154	CH.SIZS..HG.EMSC-20200808_0000154.h5	250	3.8	118.5
EMSC-20200808_0000154	CH.SKEK..HG.EMSC-20200808_0000154.h5	250	3.8	183.1
EMSC-20200808_0000154	CH.SKWL..HG.EMSC-20200808_0000154.h5	250	3.8	161.7
EMSC-20200808_0000154	CH.SKRK..HG.EMSC-20200808_0000154.h5	250	3.8	124.1
EMSC-20200808_0000154	CH.SLTM2..HG.EMSC-20200808_0000154.h5	250	3.8	128.6
EMSC-20200808_0000154	CH.SMELS..HG.EMSC-20200808_0000154.h5	250	3.8	94.2
EMSC-20200808_0000154	CH.SMFL..HG.EMSC-20200808_0000154.h5	250	3.8	84.4
EMSC-20200808_0000154	CH.STGK..HG.EMSC-20200808_0000154.h5	250	3.8	101.2
EMSC-20200808_0000154	CH.STRW..HG.EMSC-20200808_0000154.h5	250	3.8	84.1
EMSC-20200808_0000154	CH.STSP..HG.EMSC-20200808_0000154.h5	250	3.8	64
EMSC-20200808_0000154	CH.SVAM..HG.EMSC-20200808_0000154.h5	250	3.8	100.5
EMSC-20200808_0000154	CH.SWAS..HG.EMSC-20200808_0000154.h5	250	3.8	102.4
EMSC-20200808_0000154	CH.SWIM..HG.EMSC-20200808_0000154.h5	250	3.8	99.1
EMSC-20200808_0000154	CH.SWYZ..HG.EMSC-20200808_0000154.h5	250	3.8	153
EMSC-20200808_0000154	CH.SZER..HG.EMSC-20200808_0000154.h5	250	3.8	66.6
EMSC-20201025_0000116	CH.MTI01..HG.EMSC-20201025_0000116.h5	250	4	156.5
EMSC-20201025_0000116	CH.SAARA..HG.EMSC-20201025_0000116.h5	250	4	96.2
EMSC-20201025_0000116	CH.SALTS..HG.EMSC-20201025_0000116.h5	250	4	37
EMSC-20201025_0000116	CH.SAPK..HG.EMSC-20201025_0000116.h5	250	4	49.8
EMSC-20201025_0000116	CH.SARD..HG.EMSC-20201025_0000116.h5	250	4	84.5
EMSC-20201025_0000116	CH.SARE..HG.EMSC-20201025_0000116.h5	250	4	69.4
EMSC-20201025_0000116	CH.SAUR..HG.EMSC-20201025_0000116.h5	250	4	125.4
EMSC-20201025_0000116	CH.SAYF2..HG.EMSC-20201025_0000116.h5	250	4	148.5
EMSC-20201025_0000116	CH.SBAF..HG.EMSC-20201025_0000116.h5	250	4	136.7
EMSC-20201025_0000116	CH.SBGN..HG.EMSC-20201025_0000116.h5	250	4	58.4
EMSC-20201025_0000116	CH.SBIK..HG.EMSC-20201025_0000116.h5	250	4	144.2
EMSC-20201025_0000116	CH.SBIS2..HG.EMSC-20201025_0000116.h5	250	4	134.8
EMSC-20201025_0000116	CH.SBUA2..HG.EMSC-20201025_0000116.h5	250	4	37.1
EMSC-20201025_0000116	CH.SBUB..HG.EMSC-20201025_0000116.h5	250	4	34.1
EMSC-20201025_0000116	CH.SBUH..HG.EMSC-20201025_0000116.h5	250	4	38.3
EMSC-20201025_0000116	CH.SBUS.SF.HG.EMSC-20201025_0000116.h5	250	4	53.5
EMSC-20201025_0000116	CH.SCHK..HG.EMSC-20201025_0000116.h5	250	4	35.3
EMSC-20201025_0000116	CH.SCHS..HG.EMSC-20201025_0000116.h5	250	4	94.5
EMSC-20201025_0000116	CH.SCUG..HG.EMSC-20201025_0000116.h5	250	4	31.8
EMSC-20201025_0000116	CH.SDAK..HG.EMSC-20201025_0000116.h5	250	4	56.1
EMSC-20201025_0000116	CH.SEFS..HG.EMSC-20201025_0000116.h5	250	4	37.9
EMSC-20201025_0000116	CH.SEMOS..HG.EMSC-20201025_0000116.h5	250	4	193
EMSC-20201025_0000116	CH.SENGL..HG.EMSC-20201025_0000116.h5	250	4	55.3
EMSC-20201025_0000116	CH.SFRA..HG.EMSC-20201025_0000116.h5	250	4	124.6
EMSC-20201025_0000116	CH.SFRS..HG.EMSC-20201025_0000116.h5	250	4	118.2
EMSC-20201025_0000116	CH.SGAK..HG.EMSC-20201025_0000116.h5	250	4	125.6

EMSC-20201025_0000116	CH.SGLK..HG.EMSC-20201025_0000116.h5	250	4	13.7
EMSC-20201025_0000116	CH.SGWS..HG.EMSC-20201025_0000116.h5	250	4	90.1
EMSC-20201025_0000116	CH.SHEK..HG.EMSC-20201025_0000116.h5	250	4	66.6
EMSC-20201025_0000116	CH.SINS..HG.EMSC-20201025_0000116.h5	250	4	99.5
EMSC-20201025_0000116	CH.SIOV..HG.EMSC-20201025_0000116.h5	250	4	155
EMSC-20201025_0000116	CH.SIZS..HG.EMSC-20201025_0000116.h5	250	4	18.4
EMSC-20201025_0000116	CH.SKAF..HG.EMSC-20201025_0000116.h5	250	4	125.9
EMSC-20201025_0000116	CH.SKRK..HG.EMSC-20201025_0000116.h5	250	4	80.3
EMSC-20201025_0000116	CH.SLCF..HG.EMSC-20201025_0000116.h5	250	4	177.8
EMSC-20201025_0000116	CH.SLENK..HG.EMSC-20201025_0000116.h5	250	4	138.4
EMSC-20201025_0000116	CH.SLIES..HG.EMSC-20201025_0000116.h5	250	4	122.2
EMSC-20201025_0000116	CH.SLTM2..HG.EMSC-20201025_0000116.h5	250	4	9
EMSC-20201025_0000116	CH.SLUB..HG.EMSC-20201025_0000116.h5	250	4	63.6
EMSC-20201025_0000116	CH.SLUW..HG.EMSC-20201025_0000116.h5	250	4	62.4
EMSC-20201025_0000116	CH.SMEIS..HG.EMSC-20201025_0000116.h5	250	4	74.5
EMSC-20201025_0000116	CH.SMELS..HG.EMSC-20201025_0000116.h5	250	4	26.9
EMSC-20201025_0000116	CH.SMFL..HG.EMSC-20201025_0000116.h5	250	4	45.2
EMSC-20201025_0000116	CH.SOLB..HG.EMSC-20201025_0000116.h5	250	4	125.6
EMSC-20201025_0000116	CH.SRER..HG.EMSC-20201025_0000116.h5	250	4	132.3
EMSC-20201025_0000116	CH.SRHB..HG.EMSC-20201025_0000116.h5	250	4	133.9
EMSC-20201025_0000116	CH.SRHE..HG.EMSC-20201025_0000116.h5	250	4	133.2
EMSC-20201025_0000116	CH.SRHH..HG.EMSC-20201025_0000116.h5	250	4	132.5
EMSC-20201025_0000116	CH.STGK..HG.EMSC-20201025_0000116.h5	250	4	58.6
EMSC-20201025_0000116	CH.STRW..HG.EMSC-20201025_0000116.h5	250	4	38.9
EMSC-20201025_0000116	CH.STSP..HG.EMSC-20201025_0000116.h5	250	4	98.5
EMSC-20201025_0000116	CH.STSW2..HG.EMSC-20201025_0000116.h5	250	4	144.4
EMSC-20201025_0000116	CH.SVAM..HG.EMSC-20201025_0000116.h5	250	4	40.5
EMSC-20201025_0000116	CH.SVBE..HG.EMSC-20201025_0000116.h5	250	4	172.4
EMSC-20201025_0000116	CH.SWAS..HG.EMSC-20201025_0000116.h5	250	4	26
EMSC-20201025_0000116	CH.SWERG..HG.EMSC-20201025_0000116.h5	250	4	37.5
EMSC-20201025_0000116	CH.SWIK..HG.EMSC-20201025_0000116.h5	250	4	59.5
EMSC-20201025_0000116	CH.SWIM..HG.EMSC-20201025_0000116.h5	250	4	35.6
EMSC-20201025_0000116	CH.SWYZ..HG.EMSC-20201025_0000116.h5	250	4	37.1
EMSC-20201025_0000116	CH.SZIM..HG.EMSC-20201025_0000116.h5	250	4	143.7
EMSC-20201025_0000116	CH.SZWD2..HG.EMSC-20201025_0000116.h5	250	4	139.9
EMSC-20201130_0000197	CH.OTTER..HG.EMSC-20201130_0000197.h5	250	4	138
EMSC-20201130_0000197	CH.SAARA..HG.EMSC-20201130_0000197.h5	250	4	131
EMSC-20201130_0000197	CH.SALTS..HG.EMSC-20201130_0000197.h5	250	4	166.1
EMSC-20201130_0000197	CH.SAPK..HG.EMSC-20201130_0000197.h5	250	4	116.4
EMSC-20201130_0000197	CH.SARE..HG.EMSC-20201130_0000197.h5	250	4	97.1
EMSC-20201130_0000197	CH.SAUR..HG.EMSC-20201130_0000197.h5	250	4	134.4
EMSC-20201130_0000197	CH.SBAF..HG.EMSC-20201130_0000197.h5	250	4	138.2
EMSC-20201130_0000197	CH.SBAJ2..HG.EMSC-20201130_0000197.h5	250	4	140

EMSC-20201130_0000197	CH.SBAS..HG.EMSC-20201130_0000197.h5	250	4	134.6
EMSC-20201130_0000197	CH.SBAW..HG.EMSC-20201130_0000197.h5	250	4	140.1
EMSC-20201130_0000197	CH.SBIK..HG.EMSC-20201130_0000197.h5	250	4	191.2
EMSC-20201130_0000197	CH.SBIS2..HG.EMSC-20201130_0000197.h5	250	4	141.7
EMSC-20201130_0000197	CH.SBUA2..HG.EMSC-20201130_0000197.h5	250	4	136.1
EMSC-20201130_0000197	CH.SBUB..HG.EMSC-20201130_0000197.h5	250	4	136.9
EMSC-20201130_0000197	CH.SBUH..HG.EMSC-20201130_0000197.h5	250	4	134.7
EMSC-20201130_0000197	CH.SBUS.SF.HG.EMSC-20201130_0000197.h5	250	4	159.6
EMSC-20201130_0000197	CH.SCHK..HG.EMSC-20201130_0000197.h5	250	4	177.4
EMSC-20201130_0000197	CH.SCHS..HG.EMSC-20201130_0000197.h5	250	4	77.4
EMSC-20201130_0000197	CH.SCUG..HG.EMSC-20201130_0000197.h5	250	4	169.9
EMSC-20201130_0000197	CH.SDES..HG.EMSC-20201130_0000197.h5	250	4	168.2
EMSC-20201130_0000197	CH.SEFS..HG.EMSC-20201130_0000197.h5	250	4	172.9
EMSC-20201130_0000197	CH.SENGL..HG.EMSC-20201130_0000197.h5	250	4	176.6
EMSC-20201130_0000197	CH.SFEL..HG.EMSC-20201130_0000197.h5	250	4	109.6
EMSC-20201130_0000197	CH.SFRA..HG.EMSC-20201130_0000197.h5	250	4	137.5
EMSC-20201130_0000197	CH.SGLK..HG.EMSC-20201130_0000197.h5	250	4	145.1
EMSC-20201130_0000197	CH.SHEK..HG.EMSC-20201130_0000197.h5	250	4	112.5
EMSC-20201130_0000197	CH.SIZS..HG.EMSC-20201130_0000197.h5	250	4	175.8
EMSC-20201130_0000197	CH.SKAF..HG.EMSC-20201130_0000197.h5	250	4	134.2
EMSC-20201130_0000197	CH.SKEK..HG.EMSC-20201130_0000197.h5	250	4	171.1
EMSC-20201130_0000197	CH.SKLW..HG.EMSC-20201130_0000197.h5	250	4	105
EMSC-20201130_0000197	CH.SKRK..HG.EMSC-20201130_0000197.h5	250	4	78.6
EMSC-20201130_0000197	CH.SLIES..HG.EMSC-20201130_0000197.h5	250	4	137.5
EMSC-20201130_0000197	CH.SLTM2..HG.EMSC-20201130_0000197.h5	250	4	158.6
EMSC-20201130_0000197	CH.SLUB..HG.EMSC-20201130_0000197.h5	250	4	154.1
EMSC-20201130_0000197	CH.SLUW..HG.EMSC-20201130_0000197.h5	250	4	155
EMSC-20201130_0000197	CH.SMEIS..HG.EMSC-20201130_0000197.h5	250	4	191.6
EMSC-20201130_0000197	CH.SMELS..HG.EMSC-20201130_0000197.h5	250	4	147.7
EMSC-20201130_0000197	CH.SMFL..HG.EMSC-20201130_0000197.h5	250	4	132.1
EMSC-20201130_0000197	CH.SMZW..HG.EMSC-20201130_0000197.h5	250	4	137.6
EMSC-20201130_0000197	CH.SRHH..HG.EMSC-20201130_0000197.h5	250	4	134.9
EMSC-20201130_0000197	CH.SSCN..HG.EMSC-20201130_0000197.h5	250	4	137.5
EMSC-20201130_0000197	CH.SSTS..HG.EMSC-20201130_0000197.h5	250	4	163
EMSC-20201130_0000197	CH.STGK..HG.EMSC-20201130_0000197.h5	250	4	105.8
EMSC-20201130_0000197	CH.STRW..HG.EMSC-20201130_0000197.h5	250	4	142.2
EMSC-20201130_0000197	CH.SVAM..HG.EMSC-20201130_0000197.h5	250	4	187.6
EMSC-20201130_0000197	CH.SWAS..HG.EMSC-20201130_0000197.h5	250	4	137.9
EMSC-20201130_0000197	CH.SWERG..HG.EMSC-20201130_0000197.h5	250	4	134.6
EMSC-20201130_0000197	CH.SWIK..HG.EMSC-20201130_0000197.h5	250	4	99
EMSC-20201130_0000197	CH.SWIM..HG.EMSC-20201130_0000197.h5	250	4	129.3
EMSC-20201130_0000197	CH.SWIS..HG.EMSC-20201130_0000197.h5	250	4	96.8
EMSC-20201130_0000197	CH.SWYZ..HG.EMSC-20201130_0000197.h5	250	4	150.4

EMSC-20201130_0000197	CH.SZUZ..HG.EMSC-20201130_0000197.h5	250	4	114.9
EMSC-20201217_0000133	CH.SALTS..HG.EMSC-20201217_0000133.h5	250	3.9	161.5
EMSC-20201217_0000133	CH.SBGN..HG.EMSC-20201217_0000133.h5	250	3.9	136.3
EMSC-20201217_0000133	CH.SBRS..HG.EMSC-20201217_0000133.h5	250	3.9	130.7
EMSC-20201217_0000133	CH.SBUA2..HG.EMSC-20201217_0000133.h5	250	3.9	188.9
EMSC-20201217_0000133	CH.SBUB..HG.EMSC-20201217_0000133.h5	250	3.9	187.1
EMSC-20201217_0000133	CH.SBUS.SF.HG.EMSC-20201217_0000133.h5	250	3.9	176.6
EMSC-20201217_0000133	CH.SCAS2..HG.EMSC-20201217_0000133.h5	250	3.9	86.6
EMSC-20201217_0000133	CH.SCHK..HG.EMSC-20201217_0000133.h5	250	3.9	149.1
EMSC-20201217_0000133	CH.SEFS..HG.EMSC-20201217_0000133.h5	250	3.9	154.5
EMSC-20201217_0000133	CH.SENGL..HG.EMSC-20201217_0000133.h5	250	3.9	160.5
EMSC-20201217_0000133	CH.SGWS..HG.EMSC-20201217_0000133.h5	250	3.9	154.9
EMSC-20201217_0000133	CH.SINS..HG.EMSC-20201217_0000133.h5	250	3.9	167.8
EMSC-20201217_0000133	CH.SKEK..HG.EMSC-20201217_0000133.h5	250	3.9	172.6
EMSC-20201217_0000133	CH.SLOP..HG.EMSC-20201217_0000133.h5	250	3.9	81.8
EMSC-20201217_0000133	CH.SLTM2..HG.EMSC-20201217_0000133.h5	250	3.9	161.6
EMSC-20201217_0000133	CH.SMEIS..HG.EMSC-20201217_0000133.h5	250	3.9	158.3
EMSC-20201217_0000133	CH.SMELS..HG.EMSC-20201217_0000133.h5	250	3.9	176.1
EMSC-20201217_0000133	CH.SMFL..HG.EMSC-20201217_0000133.h5	250	3.9	195.3
EMSC-20201217_0000133	CH.SNTZ..HG.EMSC-20201217_0000133.h5	250	3.9	130.9
EMSC-20201217_0000133	CH.STRW..HG.EMSC-20201217_0000133.h5	250	3.9	185.1
EMSC-20201217_0000133	CH.STSP..HG.EMSC-20201217_0000133.h5	250	3.9	157.3
EMSC-20201217_0000133	CH.SUSI..HG.EMSC-20201217_0000133.h5	250	3.9	61.6
EMSC-20201217_0000133	CH.SWAS..HG.EMSC-20201217_0000133.h5	250	3.9	183.6
EMSC-20201217_0000133	CH.SWIM..HG.EMSC-20201217_0000133.h5	250	3.9	193
EMSC-20201217_0000133	CH.SWYZ..HG.EMSC-20201217_0000133.h5	250	3.9	176.6
EMSC-20201217_0000133	CH.SZEK..HG.EMSC-20201217_0000133.h5	250	3.9	125.2
EMSC-20201217_0000133	CH.SZIM..HG.EMSC-20201217_0000133.h5	250	3.9	140.6
EMSC-20201227_0000009	HC.PASK..HN.EMSC-20201227_0000009.h5	250	4	80.4
EMSC-20201229_0000051	HC.ABEA..HN.EMSC-20201229_0000051.h5	250	4.9	95.3
EMSC-20201229_0000051	HC.ATEI..HN.EMSC-20201229_0000051.h5	250	4.9	95.5
EMSC-20201229_0000051	HC.DEYA..HN.EMSC-20201229_0000051.h5	250	4.9	91.6
EMSC-20201229_0000051	HC.GOLD..HN.EMSC-20201229_0000051.h5	250	4.9	92.9
EMSC-20201229_0000051	HC.LENT..HN.EMSC-20201229_0000051.h5	250	4.9	94.2
EMSC-20201229_0000051	HC.MULT..HN.EMSC-20201229_0000051.h5	250	4.9	94.5
EMSC-20201229_0000051	HC.PASK..HN.EMSC-20201229_0000051.h5	250	4.9	93.5
EMSC-20201229_0000051	HC.POLY..HN.EMSC-20201229_0000051.h5	250	4.9	95.8
EMSC-20201229_0000132	CH.SARD..HG.EMSC-20201229_0000132.h5	250	3.9	183.5
EMSC-20201229_0000132	CH.SBGN..HG.EMSC-20201229_0000132.h5	250	3.9	185.2
EMSC-20201229_0000132	CH.SCUC..HG.EMSC-20201229_0000132.h5	250	3.9	183.1
EMSC-20201229_0000132	CH.STSP..HG.EMSC-20201229_0000132.h5	250	3.9	164.4
EMSC-20201229_0000132	CH.SUSI..HG.EMSC-20201229_0000132.h5	250	3.9	185.2
EMSC-20201229_0000132	CH.SZER..HG.EMSC-20201229_0000132.h5	250	3.9	178.7

EMSC-20210403_0000036	HC.DEYA..HN.EMSC-20210403_0000036.h5	250	4.8	122.1
INT-20210604_0000006	HC.PASK..HN.INT-20210604_0000006.h5	250	4.6	115.1
INT-20210604_0000006	HC.POLY..HN.INT-20210604_0000006.h5	250	4.6	112.5
INT-20210626_0000024	CH.SBIS2..HG.INT-20210626_0000024.h5	250	4.1	125.3
INT-20210626_0000024	CH.SRHB..HG.INT-20210626_0000024.h5	250	4.1	121.6
INT-20210626_0000024	CH.SBAM2..HG.INT-20210626_0000024.h5	250	4.1	123.6
INT-20210626_0000024	CH.SOLB..HG.INT-20210626_0000024.h5	250	4.1	162.8
INT-20210626_0000024	CH.SRHE..HG.INT-20210626_0000024.h5	250	4.1	119.9
INT-20210626_0000024	CH.SWIM..HG.INT-20210626_0000024.h5	250	4.1	199.9
INT-20210701_0000084	CH.SMEIS..HG.INT-20210701_0000084.h5	250	4	18.7
INT-20210701_0000084	CH.SSMS..HG.INT-20210701_0000084.h5	250	4	113.5
INT-20210701_0000084	CH.SSTS..HG.INT-20210701_0000084.h5	250	4	39.1
INT-20210701_0000084	CH.SZWD2..HG.INT-20210701_0000084.h5	250	4	75.9
INT-20210701_0000084	CH.SEFS..HG.INT-20210701_0000084.h5	250	4	32.1
INT-20210701_0000084	CH.SENGL..HG.INT-20210701_0000084.h5	250	4	23.9
INT-20210701_0000084	CH.SGWS..HG.INT-20210701_0000084.h5	250	4	25.5
INT-20211005_0000063	CH.BIBA..HG.INT-20211005_0000063.h5	250	4.1	50.2
INT-20211005_0000063	CH.SAIG..HG.INT-20211005_0000063.h5	250	4.1	56.9
INT-20211005_0000063	CH.SARC..HG.INT-20211005_0000063.h5	250	4.1	33.1
INT-20211005_0000063	CH.SAYF2..HG.INT-20211005_0000063.h5	250	4.1	36.5
INT-20211005_0000063	CH.SBRS..HG.INT-20211005_0000063.h5	250	4.1	54
INT-20211005_0000063	CH.SBUL..HG.INT-20211005_0000063.h5	250	4.1	81.2
INT-20211005_0000063	CH.SCHIO..HG.INT-20211005_0000063.h5	250	4.1	66.6
INT-20211005_0000063	CH.SCME.BT.HG.INT-20211005_0000063.h5	250	4.1	55.6
INT-20211005_0000063	CH.SCME.SF.HG.INT-20211005_0000063.h5	250	4.1	55.6
INT-20211005_0000063	CH.SCOD..HG.INT-20211005_0000063.h5	250	4.1	63.1
INT-20211005_0000063	CH.SCRM..HG.INT-20211005_0000063.h5	250	4.1	39.1
INT-20211005_0000063	CH.SFRS..HG.INT-20211005_0000063.h5	250	4.1	69.7
INT-20211005_0000063	CH.SGAK..HG.INT-20211005_0000063.h5	250	4.1	43.2
INT-20211005_0000063	CH.SGWS..HG.INT-20211005_0000063.h5	250	4.1	83.8
INT-20211005_0000063	CH.SHER..HG.INT-20211005_0000063.h5	250	4.1	25.8
INT-20211005_0000063	CH.SIEB..HG.INT-20211005_0000063.h5	250	4.1	36.9
INT-20211005_0000063	CH.SIOO..HG.INT-20211005_0000063.h5	250	4.1	31.1
INT-20211005_0000063	CH.SIOV..HG.INT-20211005_0000063.h5	250	4.1	31.8
INT-20211005_0000063	CH.SLENK..HG.INT-20211005_0000063.h5	250	4.1	54.7
INT-20211005_0000063	CH.SMAO..HG.INT-20211005_0000063.h5	250	4.1	36.1
INT-20211005_0000063	CH.SMEIS..HG.INT-20211005_0000063.h5	250	4.1	100
INT-20211005_0000063	CH.SMOE..HG.INT-20211005_0000063.h5	250	4.1	95.3
INT-20211005_0000063	CH.SNIB..HG.INT-20211005_0000063.h5	250	4.1	33.3
INT-20211005_0000063	CH.SNTZ..HG.INT-20211005_0000063.h5	250	4.1	54.9
INT-20211005_0000063	CH.SRENH..HG.INT-20211005_0000063.h5	250	4.1	64.2
INT-20211005_0000063	CH.SSMS..HG.INT-20211005_0000063.h5	250	4.1	47.7
INT-20211005_0000063	CH.STAF..HG.INT-20211005_0000063.h5	250	4.1	95.9

INT-20211005_0000063	CH.STSW2..HG.INT-20211005_0000063.h5	250	4.1	42.6
INT-20211005_0000063	CH.SVBE..HG.INT-20211005_0000063.h5	250	4.1	25.9
INT-20211005_0000063	CH.SVIL..HG.INT-20211005_0000063.h5	250	4.1	47.1
INT-20211005_0000063	CH.SVIO..HG.INT-20211005_0000063.h5	250	4.1	46.7
INT-20211005_0000063	CH.SVIT..HG.INT-20211005_0000063.h5	250	4.1	46.8
INT-20211005_0000063	CH.SZEK..HG.INT-20211005_0000063.h5	250	4.1	20.1
INT-20211005_0000063	CH.SZIM..HG.INT-20211005_0000063.h5	250	4.1	22.5
INT-20211005_0000063	CH.SZWD2..HG.INT-20211005_0000063.h5	250	4.1	65.9
INT-20211218_0000111	CH.SCEL..HG.INT-20211218_0000111.h5	250	3.9	98.1
INT-20211218_0000111	CH.SENGL..HG.INT-20211218_0000111.h5	250	3.9	159.3
INT-20211218_0000111	CH.SINS..HG.INT-20211218_0000111.h5	250	3.9	176.6
INT-20211218_0000111	CH.SLENK..HG.INT-20211218_0000111.h5	250	3.9	188.9
INT-20211218_0000111	CH.SNTZ..HG.INT-20211218_0000111.h5	250	3.9	145.2
INT-20220901_0000089	CH.SBUA2..HG.INT-20220901_0000089.h5	250	4.1	6.1
INT-20220901_0000089	CH.SIZS..HG.INT-20220901_0000089.h5	250	4.1	49
INT-20220901_0000089	CH.SLUX..HG.INT-20220901_0000089.h5	250	4.1	58.8
INT-20220901_0000089	CH.STRW..HG.INT-20220901_0000089.h5	250	4.1	3.3
INT-20220901_0000089	CH.SAPK..HG.INT-20220901_0000089.h5	250	4.1	23.3
INT-20220901_0000089	CH.SAXE.SF.HG.INT-20220901_0000089.h5	250	4.1	10.4
INT-20220901_0000089	CH.SBUB..HG.INT-20220901_0000089.h5	250	4.1	8.7
INT-20220901_0000089	CH.SBUH..HG.INT-20220901_0000089.h5	250	4.1	6.4
INT-20220901_0000089	CH.SMELS..HG.INT-20220901_0000089.h5	250	4.1	14.4
INT-20220901_0000089	CH.SWAS..HG.INT-20220901_0000089.h5	250	4.1	18.4
INT-20220901_0000089	CH.SWERG..HG.INT-20220901_0000089.h5	250	4.1	7.3
INT-20220901_0000089	CH.SWIM..HG.INT-20220901_0000089.h5	250	4.1	16.3
INT-20220910_0000177	CH.MTI01..HG.INT-20220910_0000177.h5	250	4.7	44.3
INT-20220910_0000177	CH.SARE..HG.INT-20220910_0000177.h5	250	4.7	149.1
INT-20220910_0000177	CH.SARK..HG.INT-20220910_0000177.h5	250	4.7	109.1
INT-20220910_0000177	CH.SBAF..HG.INT-20220910_0000177.h5	250	4.7	17.7
INT-20220910_0000177	CH.SBAK..HG.INT-20220910_0000177.h5	250	4.7	18.9
INT-20220910_0000177	CH.SBAM2..HG.INT-20220910_0000177.h5	250	4.7	20.5
INT-20220910_0000177	CH.SBAP..HG.INT-20220910_0000177.h5	250	4.7	17.9
INT-20220910_0000177	CH.SBAS..HG.INT-20220910_0000177.h5	250	4.7	98.3
INT-20220910_0000177	CH.SBAV..HG.INT-20220910_0000177.h5	250	4.7	20.3
INT-20220910_0000177	CH.SBUB..HG.INT-20220910_0000177.h5	250	4.7	161.3
INT-20220910_0000177	CH.SBUH..HG.INT-20220910_0000177.h5	250	4.7	162.9
INT-20220910_0000177	CH.SBAJ2..HG.INT-20220910_0000177.h5	250	4.7	19
INT-20220910_0000177	CH.SBAW..HG.INT-20220910_0000177.h5	250	4.7	21.7
INT-20220910_0000177	CH.SBIS2..HG.INT-20220910_0000177.h5	250	4.7	21.6
INT-20220910_0000177	CH.SFRA..HG.INT-20220910_0000177.h5	250	4.7	30
INT-20220910_0000177	CH.SKAF..HG.INT-20220910_0000177.h5	250	4.7	27.6
INT-20220910_0000177	CH.SLIES..HG.INT-20220910_0000177.h5	250	4.7	32.5
INT-20220910_0000177	CH.SMZW..HG.INT-20220910_0000177.h5	250	4.7	23.4

INT-20220910_0000177	CH.SRER..HG.INT-20220910_0000177.h5	250	4.7	25.1
INT-20220910_0000177	CH.SRFW..HG.INT-20220910_0000177.h5	250	4.7	31.4
INT-20220910_0000177	CH.SRHB..HG.INT-20220910_0000177.h5	250	4.7	20.2
INT-20220910_0000177	CH.SRHE..HG.INT-20220910_0000177.h5	250	4.7	20.1
INT-20220910_0000177	CH.SRHH..HG.INT-20220910_0000177.h5	250	4.7	20.8
INT-20220910_0000177	CH.SSCN..HG.INT-20220910_0000177.h5	250	4.7	25.8
INT-20220922_0000117	CH.SCAS2..HG.INT-20220922_0000117.h5	250	4	194.7
INT-20221016_0000037	CH.SCHS..HG.INT-20221016_0000037.h5	250	4	72.4
INT-20230322_0000160	CH.EWZT0..HG.INT-20230322_0000160.h5	250	4.4	119.8
INT-20230322_0000160	CH.MTI01..HG.INT-20230322_0000160.h5	250	4.4	19.3
INT-20230322_0000160	CH.SAARA..HG.INT-20230322_0000160.h5	250	4.4	85.6
INT-20230322_0000160	CH.SARK..HG.INT-20230322_0000160.h5	250	4.4	114.8
INT-20230322_0000160	CH.SAXE.BT.HG.INT-20230322_0000160.h5	250	4.4	195.1
INT-20230322_0000160	CH.SAXE.SF.HG.INT-20230322_0000160.h5	250	4.4	195.1
INT-20230322_0000160	CH.SBAF..HG.INT-20230322_0000160.h5	250	4.4	56.2
INT-20230322_0000160	CH.SBAK..HG.INT-20230322_0000160.h5	250	4.4	55.7
INT-20230322_0000160	CH.SBAP..HG.INT-20230322_0000160.h5	250	4.4	53.8
INT-20230322_0000160	CH.SBAS..HG.INT-20230322_0000160.h5	250	4.4	123.3
INT-20230322_0000160	CH.SBAV..HG.INT-20230322_0000160.h5	250	4.4	56.4
INT-20230322_0000160	CH.SBAW..HG.INT-20230322_0000160.h5	250	4.4	55.5
INT-20230322_0000160	CH.SBIK..HG.INT-20230322_0000160.h5	250	4.4	37.4
INT-20230322_0000160	CH.SBIS2..HG.INT-20230322_0000160.h5	250	4.4	53.8
INT-20230322_0000160	CH.SBUL..HG.INT-20230322_0000160.h5	250	4.4	84.5
INT-20230322_0000160	CH.SBUS.SF.HG.INT-20230322_0000160.h5	250	4.4	122.9
INT-20230322_0000160	CH.SCAS2..HG.INT-20230322_0000160.h5	250	4.4	188.4
INT-20230322_0000160	CH.SCHIO..HG.INT-20230322_0000160.h5	250	4.4	107.4
INT-20230322_0000160	CH.SCME.BT.HG.INT-20230322_0000160.h5	250	4.4	122.5
INT-20230322_0000160	CH.SCOD..HG.INT-20230322_0000160.h5	250	4.4	102.5
INT-20230322_0000160	CH.SCOU..HG.INT-20230322_0000160.h5	250	4.4	60.3
INT-20230322_0000160	CH.SENGL..HG.INT-20230322_0000160.h5	250	4.4	129.7
INT-20230322_0000160	CH.SFRS..HG.INT-20230322_0000160.h5	250	4.4	105.3
INT-20230322_0000160	CH.SFRU..HG.INT-20230322_0000160.h5	250	4.4	68.1
INT-20230322_0000160	CH.SFUY..HG.INT-20230322_0000160.h5	250	4.4	139.3
INT-20230322_0000160	CH.SGAK..HG.INT-20230322_0000160.h5	250	4.4	134.3
INT-20230322_0000160	CH.SGRA..HG.INT-20230322_0000160.h5	250	4.4	149.6
INT-20230322_0000160	CH.SGWS..HG.INT-20230322_0000160.h5	250	4.4	119.4
INT-20230322_0000160	CH.SIOH..HG.INT-20230322_0000160.h5	250	4.4	132.5
INT-20230322_0000160	CH.SIOO..HG.INT-20230322_0000160.h5	250	4.4	132.5
INT-20230322_0000160	CH.SKAF..HG.INT-20230322_0000160.h5	250	4.4	63.6
INT-20230322_0000160	CH.SKEK..HG.INT-20230322_0000160.h5	250	4.4	116.5
INT-20230322_0000160	CH.SKLW..HG.INT-20230322_0000160.h5	250	4.4	125.4
INT-20230322_0000160	CH.SKRK..HG.INT-20230322_0000160.h5	250	4.4	173.6
INT-20230322_0000160	CH.SLENK..HG.INT-20230322_0000160.h5	250	4.4	110.6

INT-20230322_0000160	CH.SLUK..HG.INT-20230322_0000160.h5	250	4.4	112.2
INT-20230322_0000160	CH.SLUW..HG.INT-20230322_0000160.h5	250	4.4	112.9
INT-20230322_0000160	CH.SLUX..HG.INT-20230322_0000160.h5	250	4.4	186.6
INT-20230322_0000160	CH.SMEIS..HG.INT-20230322_0000160.h5	250	4.4	121
INT-20230322_0000160	CH.SMELS..HG.INT-20230322_0000160.h5	250	4.4	194.2
INT-20230322_0000160	CH.SMOE..HG.INT-20230322_0000160.h5	250	4.4	79.2
INT-20230322_0000160	CH.SMZW..HG.INT-20230322_0000160.h5	250	4.4	58.6
INT-20230322_0000160	CH.SNTZ..HG.INT-20230322_0000160.h5	250	4.4	143.3
INT-20230322_0000160	CH.SOLB..HG.INT-20230322_0000160.h5	250	4.4	49.8
INT-20230322_0000160	CH.SRER..HG.INT-20230322_0000160.h5	250	4.4	53.9
INT-20230322_0000160	CH.SRFW..HG.INT-20230322_0000160.h5	250	4.4	70.3
INT-20230322_0000160	CH.SRHE..HG.INT-20230322_0000160.h5	250	4.4	60.2
INT-20230322_0000160	CH.SRHH..HG.INT-20230322_0000160.h5	250	4.4	60.3
INT-20230322_0000160	CH.SSCN..HG.INT-20230322_0000160.h5	250	4.4	59.7
INT-20230322_0000160	CH.SSMS..HG.INT-20230322_0000160.h5	250	4.4	129.9
INT-20230322_0000160	CH.STHK..HG.INT-20230322_0000160.h5	250	4.4	89.4
INT-20230322_0000160	CH.STSW2..HG.INT-20230322_0000160.h5	250	4.4	121.8
INT-20230322_0000160	CH.SVBE..HG.INT-20230322_0000160.h5	250	4.4	144.7
INT-20230322_0000160	CH.SVIO..HG.INT-20230322_0000160.h5	250	4.4	141.9
INT-20230322_0000160	CH.SZIM..HG.INT-20230322_0000160.h5	250	4.4	147.4
INT-20230529_0000165	CH.MTI01..HG.INT-20230529_0000165.h5	250	3.8	20
INT-20230529_0000165	CH.MTI03..HG.INT-20230529_0000165.h5	250	3.8	20.2
INT-20230529_0000165	CH.SAUR..HG.INT-20230529_0000165.h5	250	3.8	64.4
INT-20230529_0000165	CH.SBAF..HG.INT-20230529_0000165.h5	250	3.8	56.9
INT-20230529_0000165	CH.SBAV..HG.INT-20230529_0000165.h5	250	3.8	57.1
INT-20230529_0000165	CH.SBIF2..HG.INT-20230529_0000165.h5	250	3.8	58.2
INT-20230529_0000165	CH.SBIK..HG.INT-20230529_0000165.h5	250	3.8	37.9
INT-20230529_0000165	CH.SCHAT..HG.INT-20230529_0000165.h5	250	3.8	61.2
INT-20230529_0000165	CH.SCOD..HG.INT-20230529_0000165.h5	250	3.8	102.6
INT-20230529_0000165	CH.SCOU..HG.INT-20230529_0000165.h5	250	3.8	60.5
INT-20230529_0000165	CH.SDES..HG.INT-20230529_0000165.h5	250	3.8	33.2
INT-20230529_0000165	CH.SEPFL..HG.INT-20230529_0000165.h5	250	3.8	98.8
INT-20230529_0000165	CH.SFRS..HG.INT-20230529_0000165.h5	250	3.8	105.7
INT-20230529_0000165	CH.SFRU..HG.INT-20230529_0000165.h5	250	3.8	68.3
INT-20230529_0000165	CH.SINS..HG.INT-20230529_0000165.h5	250	3.8	106.3
INT-20230529_0000165	CH.SKAF..HG.INT-20230529_0000165.h5	250	3.8	64.3
INT-20230529_0000165	CH.SLCF..HG.INT-20230529_0000165.h5	250	3.8	34
INT-20230529_0000165	CH.SLENK..HG.INT-20230529_0000165.h5	250	3.8	110.9
INT-20230529_0000165	CH.SLIES..HG.INT-20230529_0000165.h5	250	3.8	63.9
INT-20230529_0000165	CH.SMOE..HG.INT-20230529_0000165.h5	250	3.8	79.1
INT-20230529_0000165	CH.SMZW..HG.INT-20230529_0000165.h5	250	3.8	59.3
INT-20230529_0000165	CH.SNES2..HG.INT-20230529_0000165.h5	250	3.8	42.4
INT-20230529_0000165	CH.SOLB..HG.INT-20230529_0000165.h5	250	3.8	50.5

INT-20230529_0000165	CH.SOLZ..HG.INT-20230529_0000165.h5	250	3.8	51.9
INT-20230529_0000165	CH.SRFW..HG.INT-20230529_0000165.h5	250	3.8	71
INT-20230529_0000165	CH.SRHB..HG.INT-20230529_0000165.h5	250	3.8	58.6
INT-20230529_0000165	CH.SRHE..HG.INT-20230529_0000165.h5	250	3.8	60.9
INT-20230529_0000165	CH.STHK..HG.INT-20230529_0000165.h5	250	3.8	89.9
INT-20230529_0000165	CH.SVEJ..HG.INT-20230529_0000165.h5	250	3.8	102.4
INT-20230529_0000165	CH.SYVP..HG.INT-20230529_0000165.h5	250	3.8	70.1
INT-20230529_0000165	CH.SZWD2..HG.INT-20230529_0000165.h5	250	3.8	98.9
INT-UT19990920_174715	A.A072.00.HN.INT-UT19990920_174715.h5	250	7.7	151.1
INT-UT19990920_174715	A.A075.00.HN.INT-UT19990920_174715.h5	250	7.7	158.5
INT-UT19990920_174715	A.A077.00.HN.INT-UT19990920_174715.h5	250	7.7	167.7
INT-UT19990920_174715	A.A078.00.HN.INT-UT19990920_174715.h5	250	7.7	168.4
INT-UT19990920_174715	A.A079.00.HN.INT-UT19990920_174715.h5	250	7.7	167.4
INT-UT19990920_174715	A.A081.00.HN.INT-UT19990920_174715.h5	250	7.7	171.2
INT-UT19990920_174715	A.A083.00.HN.INT-UT19990920_174715.h5	250	7.7	172.8
INT-UT19990920_174715	A.A084.00.HN.INT-UT19990920_174715.h5	250	7.7	173.8
INT-UT19990920_174715	A.A097.00.HN.INT-UT19990920_174715.h5	250	7.7	149.1
INT-UT19990920_174715	A.B133.00.HN.INT-UT19990920_174715.h5	250	7.7	54.4
INT-UT19990920_174715	A.B136.00.HN.INT-UT19990920_174715.h5	250	7.7	63.6
INT-UT19990920_174715	A.B137.00.HN.INT-UT19990920_174715.h5	250	7.7	46.1
INT-UT19990920_174715	A.B138.00.HN.INT-UT19990920_174715.h5	250	7.7	42.8
INT-UT19990920_174715	A.B140.00.HN.INT-UT19990920_174715.h5	250	7.7	66.7
INT-UT19990920_174715	A.B141.00.HN.INT-UT19990920_174715.h5	250	7.7	53.2
INT-UT19990920_174715	A.B145.00.HN.INT-UT19990920_174715.h5	250	7.7	69.6
INT-UT19990920_174715	A.C002.00.HN.INT-UT19990920_174715.h5	250	7.7	58.4
INT-UT19990920_174715	A.C004.00.HN.INT-UT19990920_174715.h5	250	7.7	84.8
INT-UT19990920_174715	A.C006.00.HN.INT-UT19990920_174715.h5	250	7.7	48.7
INT-UT19990920_174715	A.C008.00.HN.INT-UT19990920_174715.h5	250	7.7	79.4
INT-UT19990920_174715	A.C009.00.HN.INT-UT19990920_174715.h5	250	7.7	67.3
INT-UT19990920_174715	A.C010.00.HN.INT-UT19990920_174715.h5	250	7.7	56.2
INT-UT19990920_174715	A.C012.00.HN.INT-UT19990920_174715.h5	250	7.7	97.7
INT-UT19990920_174715	A.C014.00.HN.INT-UT19990920_174715.h5	250	7.7	66.6
INT-UT19990920_174715	A.C015.00.HN.INT-UT19990920_174715.h5	250	7.7	74.9
INT-UT19990920_174715	A.C016.00.HN.INT-UT19990920_174715.h5	250	7.7	104.4
INT-UT19990920_174715	A.C017.00.HN.INT-UT19990920_174715.h5	250	7.7	95.5
INT-UT19990920_174715	A.C019.00.HN.INT-UT19990920_174715.h5	250	7.7	83.4
INT-UT19990920_174715	A.C022.00.HN.INT-UT19990920_174715.h5	250	7.7	96.4
INT-UT19990920_174715	A.C023.00.HN.INT-UT19990920_174715.h5	250	7.7	114.6
INT-UT19990920_174715	A.C034.00.HN.INT-UT19990920_174715.h5	250	7.7	52.6
INT-UT19990920_174715	A.C047.00.HN.INT-UT19990920_174715.h5	250	7.7	62.7
INT-UT19990920_174715	A.C052.00.HN.INT-UT19990920_174715.h5	250	7.7	72.7
INT-UT19990920_174715	A.C055.00.HN.INT-UT19990920_174715.h5	250	7.7	91.5
INT-UT19990920_174715	A.C066.00.HN.INT-UT19990920_174715.h5	250	7.7	123.2

INT-UT19990920_174715	A.C067.00.HN.INT-UT19990920_174715.h5	250	7.7	118.3
INT-UT19990920_174715	A.C092.00.HN.INT-UT19990920_174715.h5	250	7.7	51.4
INT-UT19990920_174715	A.C093.00.HN.INT-UT19990920_174715.h5	250	7.7	86.1
INT-UT19990920_174715	A.C094.00.HN.INT-UT19990920_174715.h5	250	7.7	67.4
INT-UT19990920_174715	A.C095.00.HN.INT-UT19990920_174715.h5	250	7.7	75.9
INT-UT19990920_174715	A.C096.00.HN.INT-UT19990920_174715.h5	250	7.7	116.2
INT-UT19990920_174715	A.C099.00.HN.INT-UT19990920_174715.h5	250	7.7	100.5
INT-UT19990920_174715	A.C100.00.HN.INT-UT19990920_174715.h5	250	7.7	89
INT-UT19990920_174715	A.C104.00.HN.INT-UT19990920_174715.h5	250	7.7	53.9
INT-UT19990920_174715	A.C106.00.HN.INT-UT19990920_174715.h5	250	7.7	69.5
INT-UT19990920_174715	A.C107.00.HN.INT-UT19990920_174715.h5	250	7.7	88
INT-UT19990920_174715	A.C111.00.HN.INT-UT19990920_174715.h5	250	7.7	77
INT-UT19990920_174715	A.C112.00.HN.INT-UT19990920_174715.h5	250	7.7	81.8
INT-UT19990920_174715	A.C114.00.HN.INT-UT19990920_174715.h5	250	7.7	120
INT-UT19990920_174715	A.C115.00.HN.INT-UT19990920_174715.h5	250	7.7	113.4
INT-UT19990920_174715	A.C116.00.HN.INT-UT19990920_174715.h5	250	7.7	117.9
INT-UT19990920_174715	A.D001.00.HN.INT-UT19990920_174715.h5	250	7.7	76.3
INT-UT19990920_174715	A.D003.00.HN.INT-UT19990920_174715.h5	250	7.7	146.8
INT-UT19990920_174715	A.D085.00.HN.INT-UT19990920_174715.h5	250	7.7	119.1
INT-UT19990920_174715	A.D087.00.HN.INT-UT19990920_174715.h5	250	7.7	145.6
INT-UT19990920_174715	A.D088.00.HN.INT-UT19990920_174715.h5	250	7.7	142.8
INT-UT19990920_174715	A.D089.00.HN.INT-UT19990920_174715.h5	250	7.7	154.9
INT-UT19990920_174715	A.E001.00.HN.INT-UT19990920_174715.h5	250	7.7	150.5
INT-UT19990920_174715	A.E002.00.HN.INT-UT19990920_174715.h5	250	7.7	144.8
INT-UT19990920_174715	A.E003.00.HN.INT-UT19990920_174715.h5	250	7.7	139.6
INT-UT19990920_174715	A.E004.00.HN.INT-UT19990920_174715.h5	250	7.7	135
INT-UT19990920_174715	A.E005.00.HN.INT-UT19990920_174715.h5	250	7.7	132.3
INT-UT19990920_174715	A.E006.00.HN.INT-UT19990920_174715.h5	250	7.7	128.8
INT-UT19990920_174715	A.E007.00.HN.INT-UT19990920_174715.h5	250	7.7	126.5
INT-UT19990920_174715	A.E008.00.HN.INT-UT19990920_174715.h5	250	7.7	130.6
INT-UT19990920_174715	A.E010.00.HN.INT-UT19990920_174715.h5	250	7.7	124.1
INT-UT19990920_174715	A.E012.00.HN.INT-UT19990920_174715.h5	250	7.7	135.3
INT-UT19990920_174715	A.E013.00.HN.INT-UT19990920_174715.h5	250	7.7	130.7
INT-UT19990920_174715	A.E014.00.HN.INT-UT19990920_174715.h5	250	7.7	126.7
INT-UT19990920_174715	A.E015.00.HN.INT-UT19990920_174715.h5	250	7.7	132.9
INT-UT19990920_174715	A.E016.00.HN.INT-UT19990920_174715.h5	250	7.7	129.6
INT-UT19990920_174715	A.E021.00.HN.INT-UT19990920_174715.h5	250	7.7	124.1
INT-UT19990920_174715	A.E024.00.HN.INT-UT19990920_174715.h5	250	7.7	114.6
INT-UT19990920_174715	A.E041.00.HN.INT-UT19990920_174715.h5	250	7.7	133.6
INT-UT19990920_174715	A.E044.00.HN.INT-UT19990920_174715.h5	250	7.7	125.5
INT-UT19990920_174715	A.E048.00.HN.INT-UT19990920_174715.h5	250	7.7	135.6
INT-UT19990920_174715	A.E054.00.HN.INT-UT19990920_174715.h5	250	7.7	163.4
INT-UT19990920_174715	A.E055.00.HN.INT-UT19990920_174715.h5	250	7.7	136

INT-UT19990920_174715	A.E056.00.HN.INT-UT19990920_174715.h5	250	7.7	138.1
INT-UT19990920_174715	A.E059.00.HN.INT-UT19990920_174715.h5	250	7.7	130.7
INT-UT19990920_174715	A.E061.00.HN.INT-UT19990920_174715.h5	250	7.7	119.4
INT-UT19990920_174715	A.E062.00.HN.INT-UT19990920_174715.h5	250	7.7	112.9
INT-UT19990920_174715	A.E063.00.HN.INT-UT19990920_174715.h5	250	7.7	108.2
INT-UT19990920_174715	A.E064.00.HN.INT-UT19990920_174715.h5	250	7.7	112.7
INT-UT19990920_174715	A.E066.00.HN.INT-UT19990920_174715.h5	250	7.7	109.7
INT-UT19990920_174715	A.F002.00.HN.INT-UT19990920_174715.h5	250	7.7	57.3
INT-UT19990920_174715	A.F003.00.HN.INT-UT19990920_174715.h5	250	7.7	61.9
INT-UT19990920_174715	A.F005.00.HN.INT-UT19990920_174715.h5	250	7.7	45.7
INT-UT19990920_174715	A.F006.00.HN.INT-UT19990920_174715.h5	250	7.7	45.7
INT-UT19990920_174715	A.F045.00.HN.INT-UT19990920_174715.h5	250	7.7	97.5
INT-UT19990920_174715	A.F046.00.HN.INT-UT19990920_174715.h5	250	7.7	77.3
INT-UT19990920_174715	A.F048.00.HN.INT-UT19990920_174715.h5	250	7.7	65.7
INT-UT19990920_174715	A.F049.00.HN.INT-UT19990920_174715.h5	250	7.7	63.6
INT-UT19990920_174715	A.F050.00.HN.INT-UT19990920_174715.h5	250	7.7	65.9
INT-UT19990920_174715	A.F051.00.HN.INT-UT19990920_174715.h5	250	7.7	58.7
INT-UT19990920_174715	A.F055.00.HN.INT-UT19990920_174715.h5	250	7.7	61.2
INT-UT19990920_174715	A.G001.00.HN.INT-UT19990920_174715.h5	250	7.7	68.8
INT-UT19990920_174715	A.G002.00.HN.INT-UT19990920_174715.h5	250	7.7	94.1
INT-UT19990920_174715	A.G003.00.HN.INT-UT19990920_174715.h5	250	7.7	127.8
INT-UT19990920_174715	A.G004.00.HN.INT-UT19990920_174715.h5	250	7.7	96.6
INT-UT19990920_174715	A.G040.00.HN.INT-UT19990920_174715.h5	250	7.7	72.2
INT-UT19990920_174715	A.G041.00.HN.INT-UT19990920_174715.h5	250	7.7	72
INT-UT19990920_174715	A.G042.00.HN.INT-UT19990920_174715.h5	250	7.7	90.6
INT-UT19990920_174715	A.G044.00.HN.INT-UT19990920_174715.h5	250	7.7	86.8
INT-UT19990920_174715	A.G045.00.HN.INT-UT19990920_174715.h5	250	7.7	89.8
INT-UT19990920_174715	A.G048.00.HN.INT-UT19990920_174715.h5	250	7.7	111.1
INT-UT19990920_174715	A.G050.00.HN.INT-UT19990920_174715.h5	250	7.7	121.7
INT-UT19991022_021856	A.B140.00.HN.INT-UT19991022_021856.h5	250	5.9	58.8
INT-UT19991022_021856	A.B141.00.HN.INT-UT19991022_021856.h5	250	5.9	43.3
INT-UT19991022_021856	A.B145.00.HN.INT-UT19991022_021856.h5	250	5.9	61.7
INT-UT19991022_021856	A.C002.00.HN.INT-UT19991022_021856.h5	250	5.9	31.8
INT-UT19991022_021856	A.C004.00.HN.INT-UT19991022_021856.h5	250	5.9	38.2
INT-UT19991022_021856	A.C006.00.HN.INT-UT19991022_021856.h5	250	5.9	15.8
INT-UT19991022_021856	A.C008.00.HN.INT-UT19991022_021856.h5	250	5.9	24.6
INT-UT19991022_021856	A.C009.00.HN.INT-UT19991022_021856.h5	250	5.9	10.5
INT-UT19991022_021856	A.C010.00.HN.INT-UT19991022_021856.h5	250	5.9	4.5
INT-UT19991022_021856	A.C012.00.HN.INT-UT19991022_021856.h5	250	5.9	38.3
INT-UT19991022_021856	A.C013.00.HN.INT-UT19991022_021856.h5	250	5.9	26.4
INT-UT19991022_021856	A.C014.00.HN.INT-UT19991022_021856.h5	250	5.9	18.3
INT-UT19991022_021856	A.C015.00.HN.INT-UT19991022_021856.h5	250	5.9	14.4
INT-UT19991022_021856	A.C016.00.HN.INT-UT19991022_021856.h5	250	5.9	43.8

INT-UT19991022_021856	A.C017.00.HN.INT-UT19991022_021856.h5	250	5.9	35.2
INT-UT19991022_021856	A.C019.00.HN.INT-UT19991022_021856.h5	250	5.9	29.5
INT-UT19991022_021856	A.C020.00.HN.INT-UT19991022_021856.h5	250	5.9	52.5
INT-UT19991022_021856	A.C022.00.HN.INT-UT19991022_021856.h5	250	5.9	44.4
INT-UT19991022_021856	A.C023.00.HN.INT-UT19991022_021856.h5	250	5.9	58
INT-UT19991022_021856	A.C034.00.HN.INT-UT19991022_021856.h5	250	5.9	9.3
INT-UT19991022_021856	A.C038.00.HN.INT-UT19991022_021856.h5	250	5.9	11.7
INT-UT19991022_021856	A.C047.00.HN.INT-UT19991022_021856.h5	250	5.9	8.1
INT-UT19991022_021856	A.C052.00.HN.INT-UT19991022_021856.h5	250	5.9	17.4
INT-UT19991022_021856	A.C053.00.HN.INT-UT19991022_021856.h5	250	5.9	23.1
INT-UT19991022_021856	A.C055.00.HN.INT-UT19991022_021856.h5	250	5.9	30.9
INT-UT19991022_021856	A.C066.00.HN.INT-UT19991022_021856.h5	250	5.9	65.7
INT-UT19991022_021856	A.C067.00.HN.INT-UT19991022_021856.h5	250	5.9	59.4
INT-UT19991022_021856	A.C092.00.HN.INT-UT19991022_021856.h5	250	5.9	38.4
INT-UT19991022_021856	A.C093.00.HN.INT-UT19991022_021856.h5	250	5.9	43.4
INT-UT19991022_021856	A.C094.00.HN.INT-UT19991022_021856.h5	250	5.9	43
INT-UT19991022_021856	A.C095.00.HN.INT-UT19991022_021856.h5	250	5.9	18.8
INT-UT19991022_021856	A.C096.00.HN.INT-UT19991022_021856.h5	250	5.9	58.3
INT-UT19991022_021856	A.C099.00.HN.INT-UT19991022_021856.h5	250	5.9	41.2
INT-UT19991022_021856	A.C100.00.HN.INT-UT19991022_021856.h5	250	5.9	29.4
INT-UT19991022_021856	A.C104.00.HN.INT-UT19991022_021856.h5	250	5.9	25.3
INT-UT19991022_021856	A.C105.00.HN.INT-UT19991022_021856.h5	250	5.9	21.2
INT-UT19991022_021856	A.C106.00.HN.INT-UT19991022_021856.h5	250	5.9	10.3
INT-UT19991022_021856	A.C107.00.HN.INT-UT19991022_021856.h5	250	5.9	27.4
INT-UT19991022_021856	A.C111.00.HN.INT-UT19991022_021856.h5	250	5.9	47.7
INT-UT19991022_021856	A.C112.00.HN.INT-UT19991022_021856.h5	250	5.9	43.7
INT-UT19991022_021856	A.C114.00.HN.INT-UT19991022_021856.h5	250	5.9	60.1
INT-UT19991022_021856	A.C115.00.HN.INT-UT19991022_021856.h5	250	5.9	52.8
INT-UT19991022_021856	A.C116.00.HN.INT-UT19991022_021856.h5	250	5.9	57.6
INT-UT19991022_021856	A.D001.00.HN.INT-UT19991022_021856.h5	250	5.9	34
INT-UT19991022_021856	A.D013.00.HN.INT-UT19991022_021856.h5	250	5.9	73.5
INT-UT19991022_021856	A.D085.00.HN.INT-UT19991022_021856.h5	250	5.9	64.7
INT-UT19991022_021856	A.D086.00.HN.INT-UT19991022_021856.h5	250	5.9	75.2
INT-UT19991022_021856	A.D088.00.HN.INT-UT19991022_021856.h5	250	5.9	91
INT-UT19991022_021856	A.F055.00.HN.INT-UT19991022_021856.h5	250	5.9	85.5
INT-UT19991022_021856	A.G041.00.HN.INT-UT19991022_021856.h5	250	5.9	71.5

APPENDIX C

Additional figures

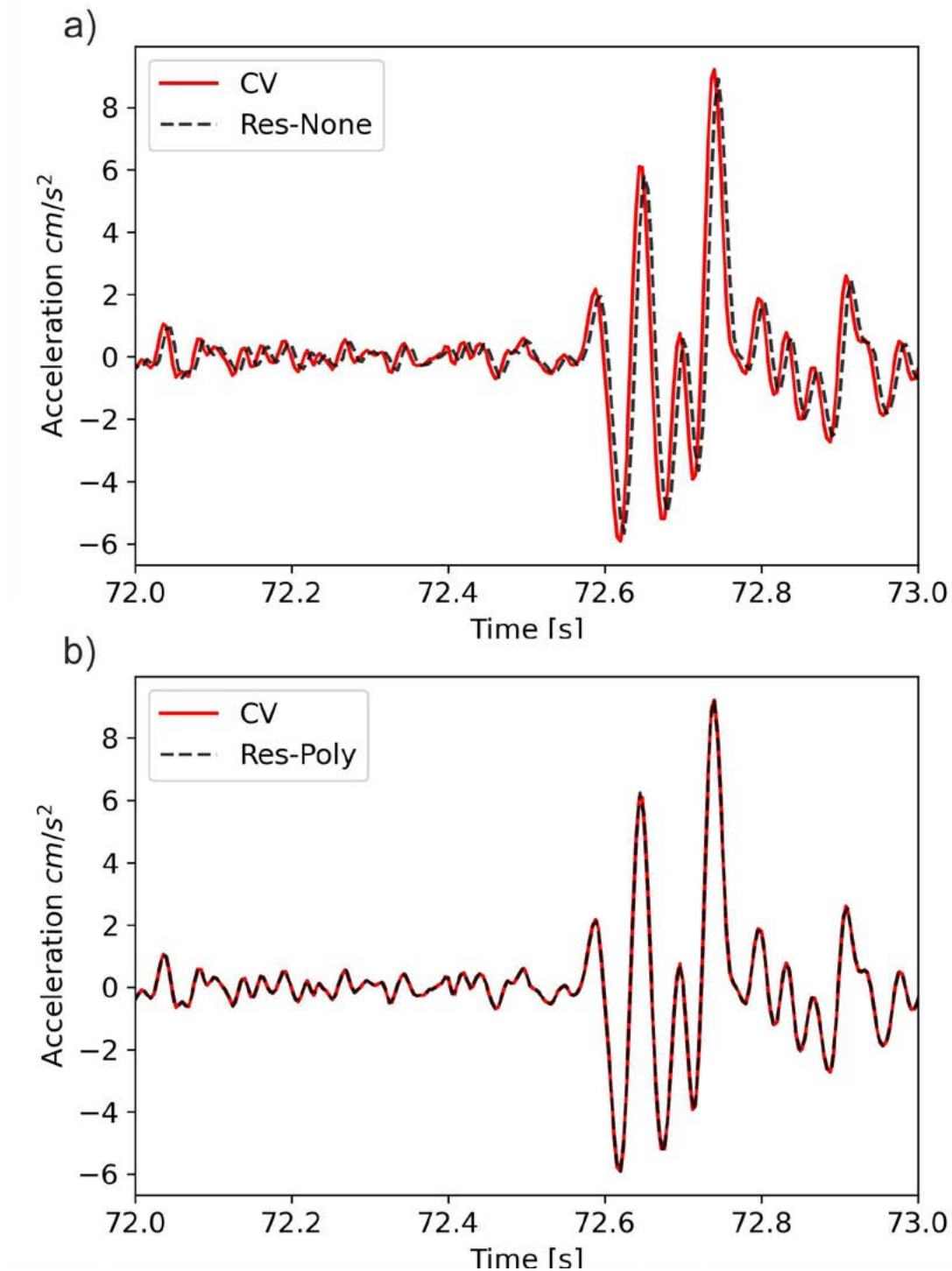


Figure C1 Sample trace CH.SLUB..HGE.EMSC-20120211_0000053.h5 after applying *Res-None* (a) and *Res-Poly* (b) methods for downsampling.

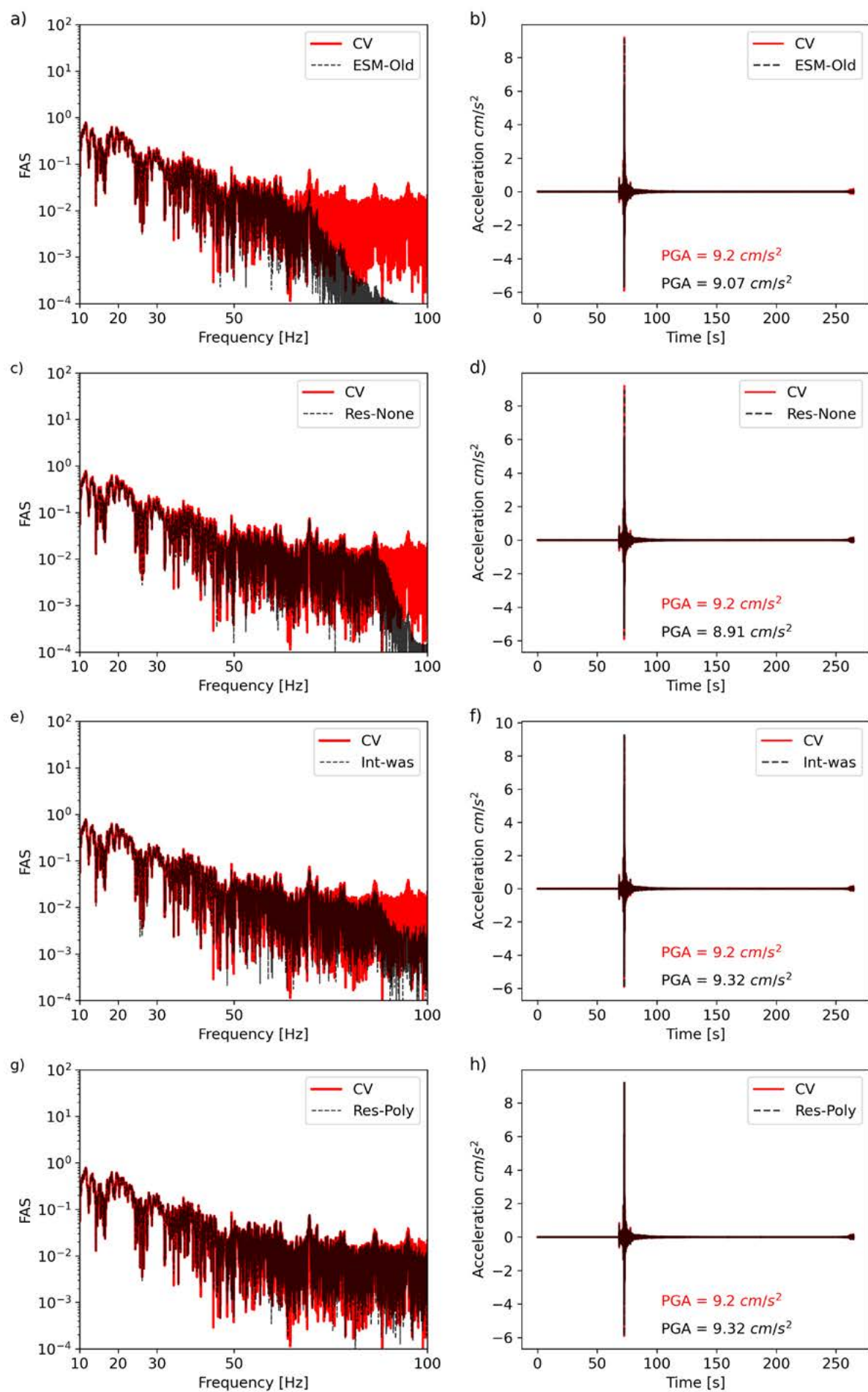


Figure C2 As Figure 11, with linear scale on x-axis.



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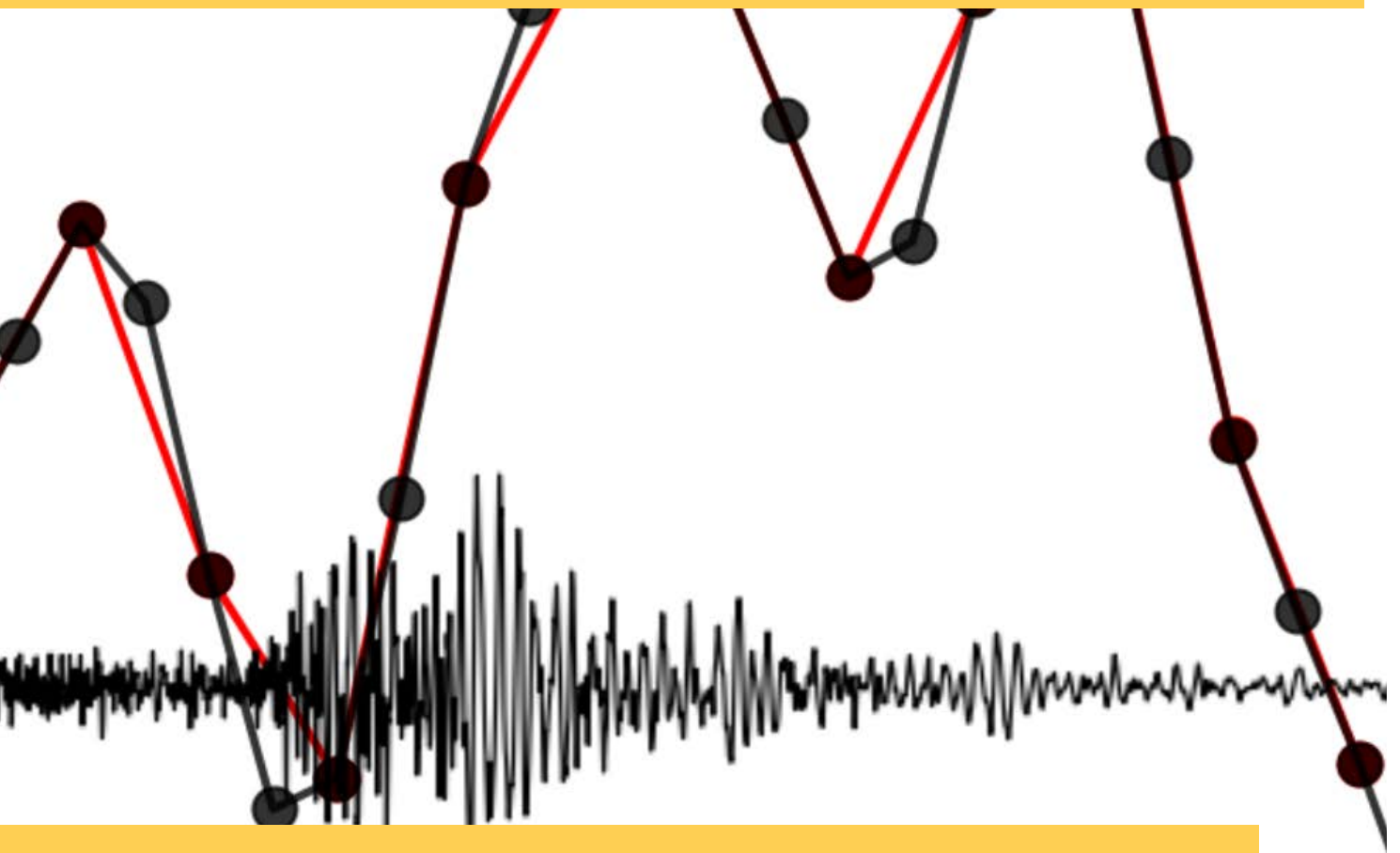
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