WALL STREET HORIZON

A **TMX** COMPANY

Dividends User Guide

WSH_DIVIDENDS _V01.XML

V1.1

Updated 12/6/2022

CONTENTS

ABOUT WALL STREET HORIZON

Wall Street Horizon, a TMX company, provides institutional traders and investors with the most accurate and comprehensive forward-looking corporate event data. Covering close to 10,000 publicly traded companies worldwide, the company's data is widely recognized for its unmatched accuracy and timeliness. We offer more than 30 corporate event types including earnings calendars, dividend dates, stock splits, mergers and acquisitions, investor conferences and more.

ATTRIBUTION

Licensee is required to display footer with URL link to www.WallStreetHorizon.com on viewable pages which reads *"Corporate Events Data provided by Wall Street Horizon, Inc. © {year}".*

ABOUT THE FILE

The file contains equity dividend payment details for those securities in the WSH database. The time period covered is based on record date and includes 30 days historical as well as all future payments.

FILE FORMAT

Data is produced as a text file in XML version 1.0 encoding=ISO-8859-1 format. See individual format below for more details.

(XML SCHEMA [XSD] available upon request)

DATA FORMAT

We support the following data types:

Type	Description
Char	This is a character field of varied length.
Date	This is a date in the format *m/d/yyyy* or blank (if no date is available)
Amount	Dollar amount to six decimal places (-0.000000). In U.S. dollars.
DateTime	This is a date and time string in the format *m/d/yyyy h:mm:ss AM/PM*

TIMING AND SCHEDULING

File is produced every three (3) hours beginning at 5:00am ET and ending at 11:00pm ET. Also, we run a 9:00am cycle to get you as up-to-date as possible before the stock market opens. On Saturdays, the 8:00am and 9:00am ET runs are bypassed to accommodate the 6:00am to 10:00am ET engineering maintenance window.

We suggest you pull the file(s) at 10 - 15 minutes past the hour and check the file date/time stamp against the previous file to ensure you will download an updated version of the file.

DELIVERY

Two options are available for file pickup: "Pull FTP" or "Push FTP". If you would like to pull your file(s) on demand, we will issue you FTP login credentials to our ftp server. Alternatively, you may issue us a login to your FTP server and we will push the file(s) to it.

RECORD LAYOUT

Special characters are quoted as follows:

Item	Token
"	"
&	&
<	<
>	>

The file is formatted as follows:

HEADER/FOOTER FORMAT

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<WallStreetHorizon>
   <Source FileName="WSH_DIVIDENDS_V01">
      <dividend>
         .
         .
      </dividend>
   </Source>
</WallStreetHorizon>
```

RECORD FORMAT & DESCRIPTION

Field	Format	Usage
event_id	Char	WSH unique event identifier.
company_id	Char	WSH unique company identifier. To be used to group a company's records together if their ticker symbol has changed.
stock_symbol[1]	Char	This is the company's ticker symbol. A "CA:" prefix is used for companies WSH tracks as Canadian.
isin	Char	This is a unique security identifier.
company _name	Char	This is the name of the company.
stock_exchange	Char	See *WSH Common Appendices* document for stock exchange reference table.
approval_status	Char	Indicates if dividend is *Approved* by board, is *Pending* their approval, has been *Canceled,* or has been *Deleted* from coverage.
dividend_amount	Amount	Amount of dividend in US dollars. If converted to USD, exchange rate at time of entry is used.
dividend_oc	Amount	The amount of the dividend in the currency specified by dividend_currency
variable_flag	Char	"Y" indicates that a component of the dividend, or the entire dividend, is Variable.
variable_amount_oc	Amount	The amount of the variable component of the dividend
dividend_currency	Char	The 3-digit currency code the dividend amount was reported in. See *WSH Common Appendices* document for currency reference table.
mixed_dividend	Char	"Y" indicates that dividend amount is specified and will be a combination of cash and stock.
frequency	Char	Payment frequency of the announced dividend. ANNUAL, SEMI-ANNUAL, QUARTERLY, MONTHLY, SPECIAL, UNKNOWN
announce_datetime	DateTime	Date dividend was announced
ex_div_date	Date	The ex-dividend date
record_date	Date	Date before which holders-of-record will receive the dividend.
pay_date	Date	Date the dividend was paid
fiscal_year	Int	Company's fiscal year for event
time_period	Char	Annual (A01), Monthly (M01 – M12), Quarterly (Q01 – Q04), Semi-Annual (S01, S02), Special (SP), Unknown (UK)
increase_decrease_code	Char	I – dividend amount increased since last payment D - dividend amount decreased since last payment N – no change in dividend amount
change_amount	Amount	Amount of change from previous payment
change_percent	Amount	Percent of change from previous payment
url	Char	URL of press release or web page providing dividend.
created	DateTime	Date and time the dividend was first entered.
updated	DateTime	Last dividend update date and time

1. stock symbol suffix	definition
.A	class A common stock
.B	class B common stock
.UN	indicates stock is traded in units
.X	for CA:ACO.X, indicates non-voting shares
.zz	where *zz* is the same as the ISIN country code for companies traded outside North America

For a list of ISO country codes, go to https://www.iso.org/obp/ui/#search/code/

SAMPLE DATA

```
<dividend>
        <event_id>4QAP0001</event_id>
        <company_id>583</company_id>
        <stock_symbol>CHK</stock_symbol>
        <isin>US1651677353</isin>
        <company_name>Chesapeake Energy Corp.</company_name>
        <stock_exchange>OTC</stock_exchange>
        <approval_status>APPROVED</approval_status>
        <dividend_amount>2.34</dividend_amount>
        <dividend_oc>2.34</dividend_oc>
        <variable_flag>Y</variable_flag>
        <variable_amount_oc>1.91</variable_amount_oc>
        <dividend_currency>USD</dividend_currency>
        <frequency>QUARTERLY</frequency>
        <announce_datetime>07/05/2022 12:48 PM</announce_datetime>
        <ex_div_date>07/18/2022</ex_div_date>
        <record_date>07/19/2022</record_date>
        <pay_date>07/26/2022</pay_date>
        <increase_decrease_code>N</increase_decrease_code>
        <change_amount>0</change_amount>
        <change_percent>0.0%</change_percent>
        <url>http://investors.chk.com/</url>
        <created>07/05/2022 12:48:57 PM</created>
        <updated>07/05/2022 12:57:31 PM</updated>
</dividend>
```

APPENDICES

Reference tables for Currency and Stock Exchange are found in the separate *WSH Common Appendices* document.

CONTACTING CUSTOMER SERVICE

If you have any questions regarding the service or any data issues, please contact us by sending an e-mail to our QA team at qa@wallstreethorizon.com . If it's an urgent matter, please call our 24x7 support line at 781-994-3500 x222.

MAINTENANCE SCHEDULE

Wall Street Horizon's regularly scheduled maintenance windows are:

Saturday, 6:00am to 10:00am ET
Sunday to Saturday, 11:15pm to 11:30pm ET

CHANGE HISTORY

DATE	REVISION
7/20/2022	Created xml file
12/6/2022	Added approval_status=deleted as a value
12/21/2022	Added new logo and updated About WSH