



BO “Breakout” Tanks

Definition

Pipeline or pipeline system

-  All parts of a pipeline facility through which a hazardous liquid or carbon dioxide moves in transportation, including, but not limited to, line pipe, valves and other appurtenances connected to line pipe, pumping units, fabricated assemblies associated with pumping units, metering and delivery stations and fabricated assemblies therein, and **breakout tanks**.

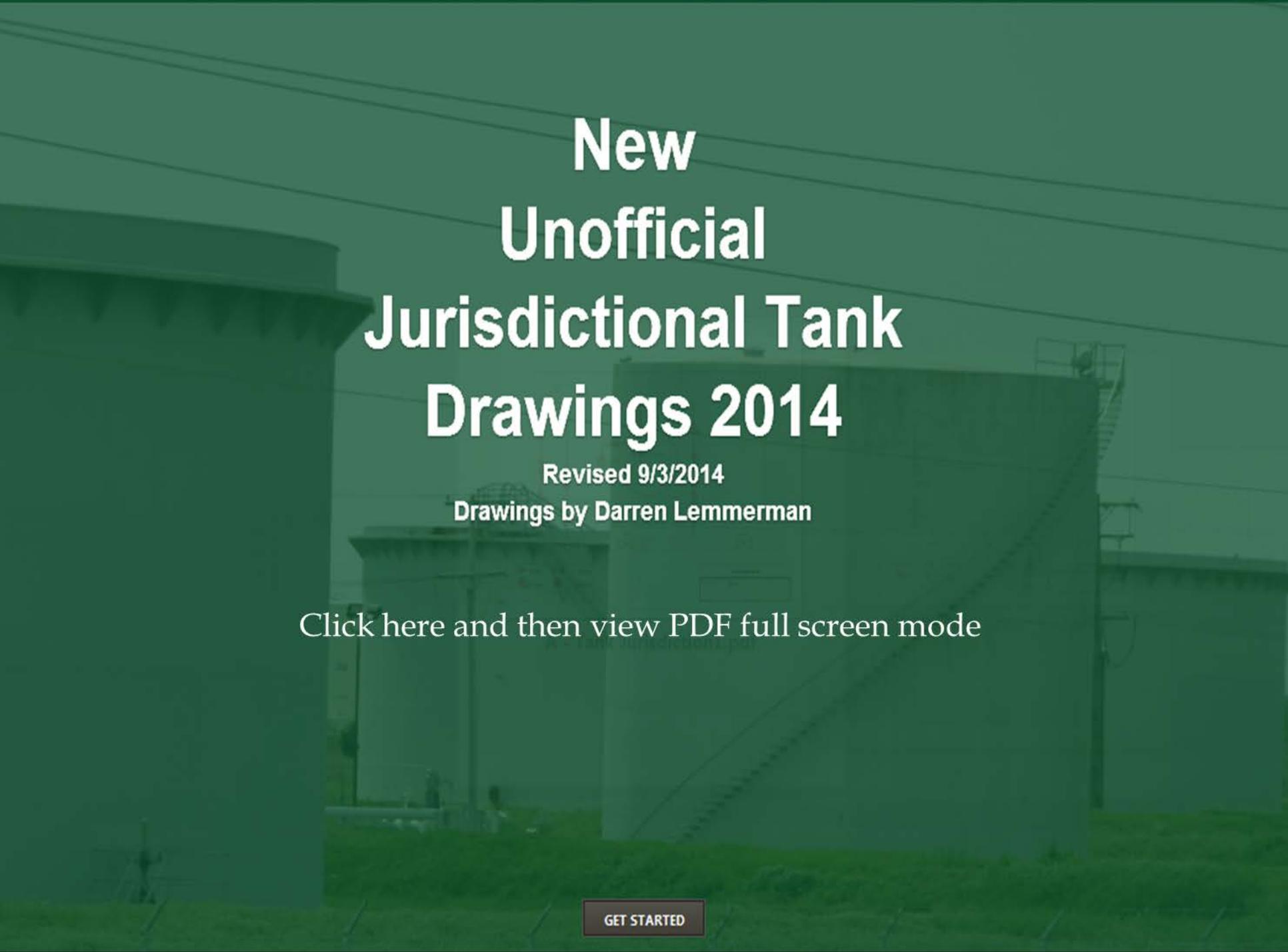
PHMSA Jurisdiction

§195.1 Which pipelines are covered by this part?

(c) Breakout tanks. Breakout tanks subject to this Part must comply with requirements that apply specifically to breakout tanks and, to the extent applicable, with requirements that apply to pipeline systems and pipeline facilities. If a conflict exists between a requirement that applies specifically to breakout tanks and a requirement that applies to pipeline systems or pipeline facilities, the requirement that applies specifically to breakout tanks prevails.

PHMSA Jurisdiction

§ 195.2 *Definitions. Breakout tank* means a tank used to (a) relieve surges in a hazardous liquid pipeline system or (b) receive and store hazardous liquid transported by a pipeline for reinjection and continued transportation by pipeline.



New Unofficial Jurisdictional Tank Drawings 2014

Revised 9/3/2014

Drawings by Darren Lemmerman

[Click here](#) and then view PDF full screen mode

GET STARTED

To vacuum truck

Surge Tank
(Breakout)

Breakout Tank

Relief

Tank Mixing
system

M

Fenced

Main Line

Flow

Valve

Jurisdiction

Pump

M

Meter

	PHMSA		

If meter is used in conjunction with Leak detection system; jurisdiction ends at Valve #3; if not, it reverts upstream to Valve #1 and #2.



Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

If meter is used in conjunction with Leak detection system; jurisdiction ends at Valve #2; if not, it reverts upstream to Valve #1.

Processing Plant

2

Storage Tank

Outlet of Facility: PHMSA jurisdiction extends to the pressure influencing device which effects the main pipeline pressure.

M

M

1

Fenced

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

M

Unloading Rack

M

Loading Rack

Breakout Tank

Breakout Tank

M

M

M

M

Fenced

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

Loading Rack

Breakout Tank

Breakout Tank

M

M

Fenced

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

Storage Tank

Storage Tank

Storage Tank

Storage Tank

Storage Tank

Storage Tank

1

M

2

M

M

(Un)Loading Rack

If meter is used in conjunction with Leak detection system; jurisdiction ends at Valve #2; if not, it reverts upstream to Valve #1.

Fence

Main Line

Flow

Valve

Pump

M

Meter

6

Jurisdiction

	PHMSA		Not Jurisdictional

M

Unloading Rack

M

Loading Rack

Breakout Tank

Breakout Tank

M

M

M

M

Fenced

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

Loading Rack

Breakout Tank

Breakout Tank

M

M

Fenced

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

Refinery

Storage Tank

Breakout Tank

M

M

M

Loading Rack

Fenced

Main Line

Flow

Valve

Pump

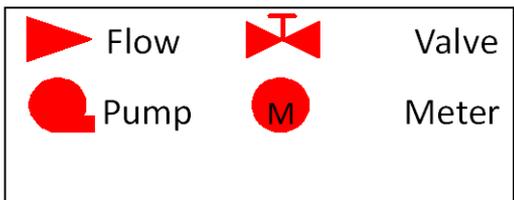
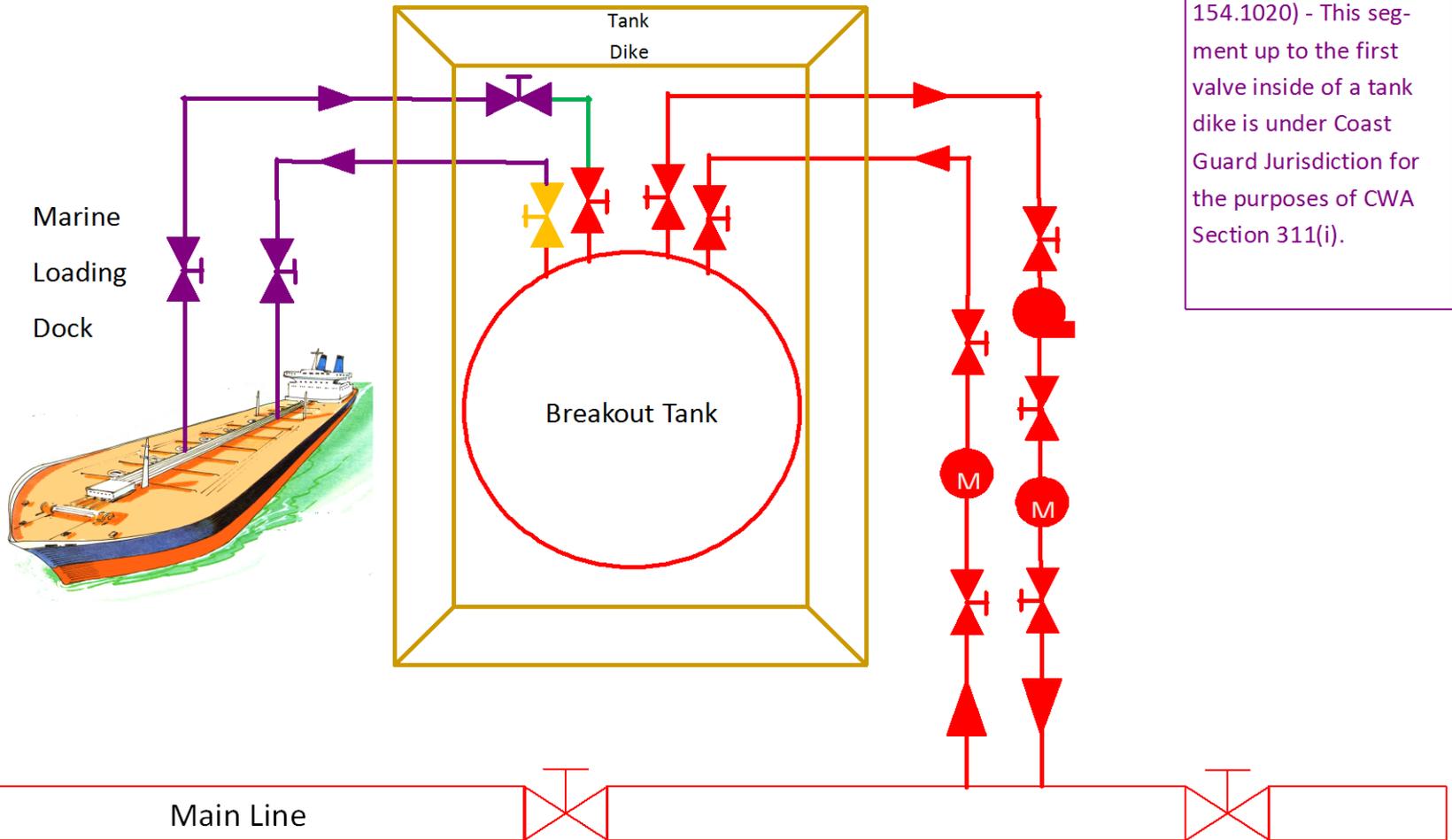
M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

MTR facility (33 CFR 154.1020) - This segment up to the first valve inside of a tank dike is under Coast Guard Jurisdiction for the purposes of CWA Section 311(i).



Jurisdiction	
	PHMSA
	Not Jurisdictional
	PHMSA/USCG
	USCG

Storage well

Storage well

Storage well

M

2

Fractionation Plant

Loading Rack

M

M

1

If meter is used in conjunction with Leak detection system; jurisdiction ends at Valve #2; if not, it reverts upstream to Valve #1.

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Not Jurisdictional

11

Pig Launcher

M

Tank

Tank

Tank

Tank

Storage Tank

Storage Tank

Un-Loading Area

This line is not regulated when the pipeline is low stress and serves truck or rail, and is less than one mile long (measured outside facility grounds).

Fenced

Main Line

Flow

Valve

Pump

M

Meter

Jurisdiction

	PHMSA		Unregulated