Chapter 1 General Information

Section 1 General Information

1	Date updated		date
2	Barge Name		text
3	VIN		text
4	Vessel's previous name(s)?		
	Grid column 1	Name	text
	Grid column 2	Date of change	date
	Grid row 1	Last previous	
	Grid row 2	Second last previous	
	Grid row 3	Third last previous	
	Grid row 4	Fourth last previous	
5	Build		
	1	*Date delivered (built)*	*date*
	2	*Builder (where built)*	*text*
6	Rebuild		
	1	*Date rebuilt*	*date*
	2	*Builder (where rebuilt)*	*text*
	3	*If rebuilt, list what changes were made*	*text*
7	Flag		lookup
8	Trading area		multiselect
9	Type of barge		multiselect
10	Type of cargoes vessel is certified to carry		text
11	Type of hull		lookup
12	Dry-dock		
	1	*Date of last dry-dock*	*date*
	2	*Date of next dry-dock*	*date*

Section 2 Assigned Tug

1	Is there a tug assigned to the barge?		yes/no
2	Tug name		text
3	Identification		
	1	*IMO*	*text*
	2	*VIN*	*text*
4	Is the tug permanently assigned to this barge?		yes/no
5	Date tug assigned		date

Section 3 Classification

1	Is the vessel registered with a Classification Society?		yes/no
2	Classification society		lookup
3	Class notation		text
4	Special survey		
	1	*Date of last special survey*	*date*
	2	*Date of next special survey*	*date*

Section 4 Dimensions

1	Length Overall (LOA)		num [FT]
2	Length Overall of integrated tug and barge unit		num [FT]
3	Extreme breadth (Beam)		num [FT]
4	Moulded depth		num [FT]
5	Keel to Masthead (KTM)		num [FT]
6	Maximum air draft in normal ballast		num [FT]
7	Parallel Body Distance		
	Grid column 1	Forward to mid-point manifold	num [FT]
	Grid column 2	Aft to mid-point manifold	num [FT]
	Grid column 3	Parallel body length	num [FT]
	Grid row 1	Normal ballast condition	
	Grid row 1	Summer DWT condition	

Section 5 Tonnages

1	Net Registered Tonnage (NRT)		num [LT]
2	Gross Tonnage (GT)		num [LT]

Section 6 Loadline information (if applicable)

1	Loadline information		
	Grid column 1	Deadweight	num [LT]
	Grid column 2	Displacement	num [LT]
	Grid column 3	Freeboard	num [FT]
	Grid column 4	Draft	num [FT]
	Grid row 1	Summer	
	Grid row 2	Normal Ballast Condition	
2	FWA at summer draft		num [FT]
3	TPC immersion at summer draft		num [FT]
4	TPI immersion at summer draft		num [FT]

Section 7 Ownership and Operation

1	Registered Owner - Full style		
	1	*Name*	*text*
	2	*Full address*	*memo*
	3	*Office telephone number*	*text*
	4	*Office telex number*	*text*
	5	*Office fax number*	*text*
	6	*Office email address*	*text*
	7	*Contact person*	*text*
2	Technical Operator - Full style		
	1	*Technical operator same as owner*	*yes/no*
	2	*Name*	*text*
	3	*Full address*	*memo*
	4	*Office telephone number*	*text*
	5	*Office telex number*	*text*
	6	*Office fax number*	*text*
	7	*Office email address*	*text*
	8	*Contact person*	*text*

Chapter 2 Certification

Section 1 Certification

1	Certificate table		
	Grid column 1	Issued	date
	Grid column 2	Last Annual/Intermediate	date
	Grid column 3	Expires	date
	Grid row 1	USCG Certificate of Compliance(COD)(Canada) or USCG Certificate of Inspection US Flag (COI)	
	Grid row 2	Ceritificate of Registry (Canada Flag)	
	Grid row 3	USCG Certificate Of Documentation (COD)	
	Grid row 4	International Loadline Certificate (ILC)	
	Grid row 5	International Oil Pollution Prevention Certificate (IOPP)	
	Grid row 6	ISM Safety Management Certificate (SMC)	
	Grid row 7	ISM Document of Compliance (DOC)	
	Grid row 8	Shipboard Oil Pollution Emergency Plan (SOPEP)	
	Grid row 9	Noxious Liquid Certificate (NLS)	
	Grid row 10	Vapor Certification	
	Grid row 11	Pipeline Test Certificate	
	Grid row 12	USCG Certificate of Financial Responsibility (COFR)	
	Grid row 13	U.S. Alaska Certificate of Financial Responsibility (AK COFR)	
	Grid row 14	U.S. California Certificate of Financial Responsibility	
	Grid row 15	USCG Vessel Response Plan	
	Grid row 16	International Ship Security Certificate (ISSC) (if applicle)	
	Grid row 17	Stability Letter	
2	Is vessel approved for USCG Alternative Security Program (ASP)		yes/no
3	Date of last approval USCG Alternative Security Program (ASP) letter		date
4	Name of USCG Alternative Security Program (ASP) provider		text
5	Is owner/operator certified with AWO for Responsible Carrier Program (RCP)		yes/no

Chapter 3 Crew Management

Section 1 Crew Management

1	How many Tankerman (PIC's) are on duty during cargo operation?	integer
2	If manned barge how many crew?	integer

Chapter 4 Cargo tanks and cargo handling

Section 1 Tank Capacities

1	Number of cargo tanks		integer
2	Maximum loading restrictions as per company policy (max%)		num [%]
3	Maximum capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks)		
	Grid column 1	Segregation #	text
	Grid column 2	Tanks	text
	Grid column 3	Capacity	num [US Bbls]
4	Total capacity (max% per company policy: 98%, 97%, 96% or 95%) excluding slop tanks		num [US Bbls]
5	Slop tank(s) capacity (max% per company policy: 98%, 97%, 96% or 95%)		num [US Bbls]

Section 2 Cargo Handling

1	How many grades/products can vessel load/discharge with double valve segregation?		integer
2	Maximum loading rate for homogenous cargo per manifold connection?		num [US Bbls/hr]
3	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds?		num [US Bbls/hr]
4	Cargo tank filling restrictions		
	1	*Are there any cargo tank filling restrictions?*	*yes/no*
	2	*If yes, please specify*	*text*

Section 3 Pumping Systems

1	Pumps		
	Grid column 1	Number	integer
	Grid column 2	Type	text
	Grid column 3	Capacity	integer [US Bbls/hr]
	Grid row 1	Cargo	
	Grid row 2	Stripping	
	Grid row 3	Eductors	
	Grid row 4	Ballast	
2	Average (typical) discharge rate (total)		num [US Bbls/hr]
3	Maximum discharge rate (total)		num [US Bbls/hr]

Section 4 Gauging and Sampling

1	Does the vessel comply with the latest edition of (ISGOTT) for closed loading and/or discharging?		yes/no
2	What type of fixed closed tank gauging system is fitted?		text
3	If the vessel is equipped with sounding tube are they solid or slotted?		text
4	Is cargo sampling open, closed or restricted?		text
5	What is the name of the manufacturer of the vapor locks?		text
6	Are hi-level alarms fitted to cargo tanks?		
	1		*yes/no*
	2	*If Yes, indicate whether to all tanks or partial?*	*text*
	3	*If fitted, what % of tank capacity are the high level alarms set at?*	*num [%]*
	4	*If fitted, indicate what type of high level alarms?*	*text*
7	Are overfill (high-high) alarms fitted to cargo tanks?		
	1		*yes/no*
	2	*If Yes, indicate whether to all tanks or partial?*	*text*
	3	*If fitted, what % of tank capacity are the overfill (high-high)alarms set at?*	*num [%]*
	4	*If fitted, indicate what type of overfill (high-high) alarms?*	*text*
8	If fitted and alarms are electrical can they be operated independently of being plugged into the shore connection (i.e. solar or battery operated)?		yes/no

Section 5 Vapor Emission Control

1	VRS manifolds (per side)		
	1	*Number*	*integer*
	2	*Size*	*num [IN]*
2	Has Vapor Recovery System (VRS) been approved?		yes/no
3	Which organizations have approved Vapor Recovery System (VRS)?		text
4	Is the Vapor Recovery System (VRS) operational?		yes/no
5	Is Barge approved to tandem load multiple barges using VRS?		
	1		*yes/no*
	2	*Approved loading rate for tandem load of multiple barges rate/hour*	*num [US Bbls/hr]*

Section 6 Venting

1	Type of venting system	text
2	Type of secondary venting system (if fitted)	text
3	Type of deck seal	text

Section 7 Cargo Manifolds

1	Do the cargo manifolds meet OCIMF recommendations?		yes/no
2	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM)		
	1 *Bow to Center Manifold (BCM)*		*num [FT]*
	2 *Stern to Center Manifold (SCM)*		*num [FT]*
3	Manifold Arrangement		
	Grid column 1	Distance	num [FT]
	Grid row 1	(A) Cargo manifold to cargo manifold	
	Grid row 2	(B) Cargo manifold to vapour return manifold	
	Grid row 3	(C) Spill tank grating to centre of manifold	
	Grid row 4	(D) Main deck to centre of manifold	
	Grid row 5	(E) Manifold to ship side	
4	Number/size of cargo connections (per side)		
	1 *Number*		*integer*
	2 *Size*		*num [IN]*
5	Manifold height above the waterline		
	1 *SDWT (F)*		*num [FT]*
	2 *Normal ballast condition (G)*		*num [FT]*

Section 8 Bow / Stern Manifold

1	Is the vessel fitted with a stern manifold?		
	1		*yes/no*
	2 *Size*		*num [IN]*
	3 *Distance from stern to stern manifold flange*		*num [FT]*
2	Is the vessel fitted with a bow manifold?		
	1		*yes/no*
	2 *Size*		*num [IN]*
	3 *Distance from bow to bow manifold flange*		*num [FT]*

Section 9 Cargo Heating

1	Type of cargo heating system		text
2	If fitted, are all tanks coiled?		yes/no
3	If fitted, what is the material of the heating coils?		text
4	Maximum temperature cargo can be loaded / maintained		
	1 *Loaded*		*num [F]*
	2 *Maintained*		*num [F]*

Section 10 Tank Coating

1	Describe the tank coatings of the cargo tanks		
	Grid column 1	Tank Number	text
	Grid column 2	Coated	yes/no
	Grid column 3	Type	text
	Grid column 4	To what extent	text
	Grid column 5	Condition	text
2	Describe the tank coatings of the slop tanks		
	Grid column 1	Tank Number	text
	Grid column 2	Coated	yes/no
	Grid column 3	Type	text
	Grid column 4	To what extent	text
	Grid column 5	Condition	text
3	Describe the tank coatings of the ballast tanks		
	Grid column 1	Tank Number	text
	Grid column 2	Coated	yes/no
	Grid column 3	Type	text
	Grid column 4	To what extent	text
	Grid column 5	Condition	text
4	If fitted, what type of anodes are used?		text

Chapter 5 Inert Gas

Section 1 Inert Gas

1	Is an Inert Gas System (IGS) fitted?	yes/no
2	Is IGS supplied by flue gas, inert gas (IG) generator or nitrogen?	lookup
3	What is the capacity of the IGS/Nitrogen system?	num [US Bbls/hr]

Chapter 6 Mooring

Section 1 Mooring

1	Describe mooring lines deployed at an average barge dock		
	Grid column 1	Number	integer
	Grid column 2	Rope/Wire	text
	Grid column 3	Diameter	num [IN]
	Grid column 4	Length	num [FT]
	Grid column 5	Breaking strength	num [LT]
	Grid column 6	Material	text
	Grid row 1	Bow	
	Grid row 2	Midships	
	Grid row 3	Stern	

Section 2 Lifting Equipment

1	Is the barge fitted with Derricks and Cranes?		yes/no
2	Derrick / Crane description		
	1	*Number*	*integer*
	2	*SWL*	*num [LT]*
	3	*Location*	*text*
3	What is the maximum outreach of cranes / derricks outboard of the vessel's side?		num [FT]

Section 3 Barge To Ship Transfer

1	Does vessel comply with recommendations contained in the OCIMF/ICS Ship To Ship Transfer Guide (Petroleum)?	yes/no
2	Any other details	memo

Chapter 7 Miscellaneous

Section 1 Insurance

1	P & I Club - Name	text
2	P & I Club - Pollution liability coverage amount	num [USD]

Section 2 Barges trading in the US

1	Oil Spill Response Organisation (OSRO) - Name	text
2	Does vessel carry its own AMPD response equipment?	yes/no

Section 3 Spill Equipment

1	Is the vessel equipped with (Full Perimeter) spill rails?	yes/no
2	Is spill containment fitted under the cargo manifold?	yes/no
3	Are savealls fitted around fuel tank vents and are the vent openings higher than the upper edges of the saveall coamings?	yes/no
4	Does the vessel have spill rails around the machinery area?	yes/no
5	Does the vessel carry a containment boom?	
	1	*yes/no*
	2 *If yes, how much does it have?*	*num [FT]*

Section 4 Casualty

1	Has the vessel been involved in a pollution incident during the past 12 months?	
	1	*yes/no*
	2 *If yes, full description?*	*text*
2	History of groundings/strandings/collisions during past 12 months	text

Section 5 Port State Control.

1	Last Port State Control inspection	
	1 *Date*	*date*
	2 *Place*	*text*
2	Any outstanding deficiencies as reported by any Port State Control?	
	1	*yes/no*
	2 *If yes, provide details.*	*text*

Section 6 Vetting

1	Last SIRE Inspection	
	1 *Date*	*date*
	2 *Place*	*text*

Section 7 Engineering

1	Emergency generator/batteries	
	1 *Is vessel fitted with an emergency generator and/or batteries?*	*yes/no*
	2 *Number of generators*	*integer*
	3 *Generators are rated at*	*num [KW]*
2	Are fuel tanks fitted with an high level alarm?	text
3	Are fuel tanks double hull, single hull, other?	text

Chapter 8 Self Propelled Barges

Section 1 Engine Room

1	Number of main engines	integer
2	Name of main engine manufacturer	text
3	What is the EPA Tier Level of the Main Engines?	text
4	Main engine(s) are rated at	num [HP]
5	Is vessel fitted with a high level bilge alarm?	yes/no
6	Is vessel fitted with a fixed fire suppression system?	yes/no

Section 2 Bow/Stern Thrusters

1	Is vessel fitted with a bow thruster?		
	1		*yes/no*
	2	*If yes, what is the brake horsepower?*	*num [HP]*
2	Is vessel fitted with a stern thruster?		
	1		*yes/no*
	2	*If yes, what is the brake horsepower?*	*num [HP]*

Section 3 Steering / Propulsion Equipment

1	Propellers		
	1	*Number of propellers*	*integer*
	2	*Type of propellers*	*text*
3	Steering gear failure alarm fitted on the bridge?		yes/no