TANK AND VOID ASSESSMENT SHEET

GENERAL DATA *Shaded areas are required fields for this section only				
1. Inspector's Name:	2. Organization:	3. Contact Info:		
4. UIC:	5. Ship Class:	6. Ship's Name:		7. Hull:
8. Tank:	9. Service:		10. Structural Tank:	
11. SWLIN:	12. Tank Area:	13. Gallons:	14. Solid Ballast:	15. WC:
16. Access:				
17. APL:	18. RIN:	19. Config. Code:	20. Config. Source:	
21. Date:	22. Assessment Reason:			

ACCESS DATA	
23. Manhole and cover condition:	24. Tank Penetration Condition

LADDER DATA	
25. NR of Ladder(s) Present (enter qty; NV = 999):	26. Ladder Damaged
27. Fabricated Ladder Material:	

TANK LEVEL INDICATOR (TLI) DATA	
28. TLI Present in Tank:	29. TLI Damaged:
30. TLI Type:	

SOUNDING TUBE DATA	
31. Sounding Tube Present in Tank:	32. Sounding Tube Damaged:
33. Striker Plate Damaged (> 50% worn):	

CATHODIC PROTECTION DATA	
34. Cathodic Protection in Tank:	35. Total Zincs:
36. Number of Zincs > 50% Depleted:	

DESICCANT DATA	
37. Desiccants present (enter quantity):	38. Damaged / Missing:

COATING DATA				
	Top	Sides	T-Bars	Bottom
Paint Condition	39.	40.	41.	42.
Percent Corrosion	43.	44.	45.	46.
Corrosion Local or Scattered (L/S)	47.	48.	49.	50.
Square Foot Local Corrosion	51.	52.	53.	54.
Blistering Size	55.	56.	57.	58.
Blistering Density	59.	60.	61.	62.
Percent Failed Blistering	63.	64.	65.	66.

STRUCTURAL INTEGRITY DATA	
67. Structural Deficiencies Requires Engineering Evaluation:	68. Structural Integrity Compromised:
69. Estimated Total Linear Feet of Structure Requiring Repair:	
70. Estimated Total Square Feet of Plating Requiring Repair:	
71. Cracks / Fractures Present:	72. Buckling / Deflections / Distortions Present:
73. Holes Present:	74. Excessive pitting present:
75. Material Wastage Present:	76. All Welds Intact:
77. Loose Scale or Exfoliation:	

PIPING / VALVE DATA	
78. Piping Damaged:	79. Waster Plate below Suction Bellmouth:
80. All Piping Stayed and Supported:	81. Deck Drain Damaged:
82. Vent/overflow Check Valve Operates Properly:	

TANK AND VOID ASSESSMENT SHEET

TANK CLOSEOUT
83. Picture Taken (enter quantity):
84. Picture number(s) (from camera counter): _____

ADDITIONAL COMMENTS **(Inspectors, please include JCN's and work scheduled or anticipated in comments)**

TANKS AND VOIDS ASSESSMENT ADDENDUM

BLOCK	DESCRIPTION
General Data	
1.	Enter inspector's name **(and rank if military) (Required)**
2.	Enter inspector's organization name **(Required)**
3.	Enter Inspector's phone number **(where they can be reached if question arise) (Required)**
4.	Enter ship's UIC **(default, fill-in for new records)**
5.	Enter ship's class **(default, fill-in for new records)**
6.	Enter ship's name **(default, fill-in for new records) (Required)**
7.	Enter hull number **(fill-in for all records) (Required)**
8.	Enter tank number **(fill-in for all records) (Required)**
9.	Enter tank service **(Note: this is equal to the EFD (Equipment Functional Description) in CDMD-OA) (Required)**
10.	Enter Structural tank as: **(S = Structural or N = Non-Structural)**
11.	Enter SWLIN **(default fill-in for new records)**
12.	Enter tank area **(Note: Tank Area = Total containment area + surface area of all internal supporting structure, piping, etc)**
13.	Enter gallons as verified by Ship's Force **(NOTE: CORRECTED FOR 100% CAPACITY)**
14.	Enter solid ballast as: **(NV, YES, NO)**
15.	Enter Work Center responsible for tank **(default, fill-in for new records)**
16.	Enter compartment number(s) where tank access is located **(default, fill-in for new records) (Required)**
17.	Enter APL **(default, fill-in for new records)**
18.	Enter RIN **(default, fill-in for new records)**
19.	Enter configuration code **(1=visual in tank assessment, 2=data collection from reliable source, 3=non-validated data)**
20.	Enter configuration source as (**INSPECTION, Drawing etc..) (default, fill-in for new records)**
21.	Enter assessment date **(Insert actual date of inspection) (Required)**
22.	Enter reason for assessment as: **(SCHEDULED, UNSCHEDULED, INSURV) (Required)**
Access Data	
23.	Enter manhole and cover corrosion as: **(NV, SAT, UNSAT)**
24.	Enter other tank penetrations as: **(NV, SAT, UNSAT)**
Ladder Data	
25.	Enter number of ladder(s) present as: **(999 = NV, 0 = NONE, 1,2,3, etc). (Note: a numeric field)**
26.	Enter ladder(s) damaged as: **(NV, YES, NO, N/A)**
27.	Enter fabricated ladder material as: **(NV, AL, CRES, GS, STL, VARIOUS, N/A, OTHER)**
Tank Level Indicator (TLI) Data	
28.	Enter Tank Level Indictor (TLI) present in tank as: **(NV, YES, NO)**
29.	Enter Tank Level Indictor / Cable (TLI) damaged as: **(NV, YES, NO, N/A).**
30.	Enter Tank Level Indictor (TLI) type as: **(NV, BARTON, GEM, KING, LVL SWITCH, METRITAPE, RADAR, SIGHTGL, TELEFLEX, N/A, OTHER).**
Sounding Tube Data	
31.	Enter sounding tube present in tank as: **(NV, EXT, YES, NO)**
32.	Enter sounding tube damaged as: **(NV, YES, NO, N/A)**
33.	Enter striker plate damaged (> 50% worn) as: **(NV, YES, NO, N/A)**
Cathodic Protection Data	
34.	Enter if cathodic protection is present in tank as: **(NV, YES, NO)**
35.	Enter total quantity **(number)**
36.	Enter number of anodes with greater than 50% depletion percentage **(number)**
Desiccant Data	
37.	Enter desiccants present as a number: **(999 = NV, 0 = NONE, 1,2,3, etc.). (Note: a numeric field)**
38.	Enter desiccants damaged/missing as: **(NV, YES, NO, N/A). NOTE: Desiccants will only be found in voids. For all other tanks the answer to this question should always be N/A. For voids the answer should never be N/A.**
Coating Data	
39 – 42.	Enter paint condition for Top/Sides/T-Bars/Bottom as: **(0=NV, 1=Good, 2=Fair, 3=Poor, 4=Bad, 10=N/A)(See CCAMM Manual)**
43 – 46.	Enter percent corrosion for Top/Sides/T-Bars/Bottom as: **(0 – 100%)**
47 – 50.	Enter if corrosion is local or scattered for Top/Sides/T-Bars/Bottom as: (L or S)
51 – 54.	Enter square feet of local corrosion for Top/Sides/T-Bars/Bottom as: **(i.e. 0, 10, 25, ETC)**
55 – 58.	Enter blistering size for Top/Sides/T-Bars/Bottom as: **(0=NV, 2, 4, 6, 8, or 10=NO BLISTERS or N/A)(see ASTM D 714-87)**
59 – 62.	Enter blistering density for Top/Sides/T-Bars/Bottom as: **(U=UNK, F=Few, M=Med, MD=Med Dense, D=Dense, or N/A (see ASTM D 714-87))**
63 – 66.	Enter failed blister area for Top/Sides/T-Bars/Bottom as a percentage: **(i.e. 0, 10, 25, ETC.)**
Structural Integrity Data	
67.	Enter structural integrity requires engineering evaluation **(due to compromise by corrosion or damage) as: (NV, YES, NO)**
68.	Enter if structural integrity compromised as: **(NV, YES, NO, N/A)**
69.	Estimated total linear feet of structure requiring repair
70.	Estimated total square footage of plating requiring repair

71.	Enter if there are any Cracks/Fractures as: **(NV, YES, NO)**
72.	Enter if there are any Buckling/deflections/distortion as: **(NV, YES, NO)**
73.	Enter if there are any holes as: **(NV, YES, NO)**
74.	Enter if there are any excessive pits as: **(NV, YES, NO)**
75.	Enter if there are any material wastage as: **(NV, YES, NO)**
76.	Enter if there are any non-intact welds as: **(NV, YES, NO)**
77.	Enter if there is any loose scale or exfoliation as: **(NV, YES, NO)**
Piping/Valve Data	
78.	Enter if piping damaged as: **(NV, YES, NO, N/A)**
79.	Enter if there is a waster plate below suction bellmouth as: **(NV, YES, NO, N/A)**
80.	Enter if all piping is stayed and supported as: **(NV, YES, NO, N/A)**
81.	Enter if there are deck drains damaged as: **(NV, YES, NO, N/A)**
82.	Enter vent/overflow check valve operates properly as: **(NV, YES, NO, N/A)**
Photographs	
83.	Enter quantity of pictures taken: **(0 = NONE, 1,2,3, etc). (Note: a numeric field)**
84.	Enter Picture number(s) **(from camera counter)**
Additional Comments	
	Enter additional comments as necessary

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