

**STRUCTURAL SYSTEM ASSESSMENT SHEET (DRAFT 4)**

<b>GENERAL DATA * Shaded areas are required fields for this section only</b>				
1. Inspector's Name:		2. Organization:		3. Contact Info:
4. UIC:	5. Ship Class:	6. Ship's Name:		7. Hull:
8. Compartment Number:			9. Compartment Name:	
10. SWLIN:		11. Painted Surface Area:		12. WC:
13. Access:				
14. APL:	15. RIN:	16. Config. Code:	17. Config. Source:	
18. Date:	19. Assessment Reason:			

<b>COATING &amp; DECK COVERING DATA</b>				
	Overhead	Bulkheads	Stiffeners	Deck/Bilge
Percent coated structure visible (%)	20.	21.	22.	23.
Paint Condition:	24.	25.	26.	27.
Percent Corrosion:	28.	29.	30.	31.
Corrosion Local or Scattered (L/S):	32.	33.	34.	35.
Square Foot Local Corrosion	36.	37.	38.	39.
Deck Covering Damaged	40.	41.	42.	43.

<b>CATHODIC PROTECTION DATA</b>	
44. Cathodic Protection in Compartment:	45. Total Anodes:
46. Number of Anodes > 50 % Depleted:	

<b>INSULATION DATA</b>				
	Overhead	Bulkheads	Stiffeners	Deck/Bilge
Insulation Present:	47.	48.	49.	50.
Insulation Damaged:	51.	52.	53.	54.

<b>STRUCTURAL INTEGRITY DATA</b>	
55. Cracks / Fractures Present:	56. Buckling Deflections / Distortions Present:
57. Holes Present:	58. Excessive Pitting Present:
59. Loose Rust Scale (Exfoliation):	60. Welds Deteriorated:
61. Tripped Stiffeners:	62. Deterioration to Equipment Foundation:
63. Bimetallic Strips Damaged:	
64. Structural Integrity Requires Engineering Evaluation:	
65. Estimated Total Linear Feet of Structure Requiring Repair:	
66. Estimated Total Square Feet of Plating Requiring Repair:	

<b>PHOTOGRAPHS</b>
67. Picture Taken (enter quantity):
68. Picture number(s) (from camera counter): _____

<b>ADDITIONAL COMMENTS</b> <span style="color: red;">(Inspectors, please include JCN's and work scheduled or anticipated in comments)</span>

**COMPARTMENT ASSESSMENT ADDENDUM**

<b>BLOCK</b>	<b>DESCRIPTION</b>
<b>General Data</b>	
1.	Enter inspector's name <b>(and rank if military)</b> (Required)
2.	Enter inspector's organization name (Required)
3.	Enter Inspector's phone number <b>(where they can be reached if question arise)</b> (Required)
4.	Enter ship's UIC <b>(default fill-in for new records)</b>
5.	Enter ship's class <b>(default fill-in for new records)</b>
6.	Enter ship's name <b>(default fill-in for new records)</b>
7.	Enter hull number <b>(fill-in for all records)</b> (Required)
8.	Enter compartment number <b>(fill-in for all records)</b> (Required)
9.	Enter compartment name <b>(default fill-in for new records)</b>
10.	Enter SWLIN <b>(default fill-in for new records)</b>
11.	Enter estimated painted surface area <b>(default fill-in for new records)</b>
12.	Enter Work Center responsible for compartment <b>(default fill-in for new records)</b>
13.	Enter compartment number(s) where compartment access is located <b>(default fill-in for new records)</b>
14.	Enter APL <b>(default fill-in for new records)</b>
15.	Enter RIN <b>(default fill-in for new records)</b>
16.	Enter configuration code (1=visual in compartment assessment, 2=data collection from reliable source, 3=non-validated data)
17.	Enter configuration source as <b>(INSPECTION, Drawing etc..)</b> (default fill-in for new records)
18.	Enter assessment date <b>(Insert actual date of inspection)</b> (Required)
19.	Enter reason for assessment as: <b>(SCHEDULED, UNSCHEDULED, INSURV)</b> (Required)
<b>Coating &amp; Deck Covering Data</b>	
20 – 23.	Enter approx. percent of structural coating that can be seen <b>(not covered by insulation or equipment)</b>
24 – 27.	Enter paint condition for Overhead/Bulkheads/Stiffeners/Decks-Bilges as: <b>(0=N/V, 1=Good, 2=Fair, 3=Poor, 4=Bad, 10=N/A)(See CCAMM Manual)</b>
28 – 31.	Enter percent corrosion for Overhead/Bulkheads/Stiffeners/Decks-Bilges as: <b>(0 – 100%)</b>
32 – 35.	Enter if corrosion is local or scattered for Overhead/Bulkheads/Stiffeners/Decks-Bilges as: <b>(L or S)</b>
36 – 39.	Enter square feet of local corrosion for Overhead/Bulkheads/Stiffeners/Decks-Bilges as: <b>(i.e. 0, 10, 25, ETC)</b>
40 – 43.	Enter if deck coving is damaged <b>(NV, YES, NO, N/A)</b>
<b>Cathodic Protection Data</b>	
44.	Enter if cathodic protection is present in compartment as: <b>(NV, YES, NO)</b>
45.	Enter total quantity <b>(number)</b>
46.	Enter number of anodes with greater than 50% depletion percentage <b>(number)</b>
<b>Insulation Data</b>	
47 – 50.	Enter insulation present as: <b>(NV, YES, NO, N/A)</b>
51 – 54.	Enter insulation damaged as: <b>(NV, YES, NO, N/A).</b>
<b>Structural Integrity Data</b>	
55.	Enter if there are any cracks/fractures as: <b>(NV, YES, NO)</b>
56.	Enter if there are any buckling/deflections/distortion as: <b>(NV, YES, NO)</b>
57.	Enter if there are any holes as: <b>(NV, YES, NO)</b>
58.	Enter if there are any excessive pitting present as: <b>(NV, YES, NO)</b>
59.	Enter if there is any loose scale or exfoliation as: <b>(NV, YES, NO)</b>
60.	Enter if there are any non-intact welds as: <b>(NV, YES, NO)</b>
61.	Enter if there is any damaged tripped stiffeners: <b>(NV, YES, NO, N/A)</b>
62.	Enter if there are any deteriorated equipment foundations: <b>(NV, YES, NO, N/A)</b>
63.	Enter if there is any damage to bimetalic strip: <b>(NV, YES, NO, N/A)</b>
64.	Enter structural integrity requires engineering evaluation (due to compromise by corrosion or damage) as: <b>(NV, YES, NO)</b>
65.	Estimated total linear feet of structure requiring repair
66.	Estimated total square footage of plating requiring repair
<b>Photographs</b>	
67.	Enter quantity of pictures taken: <b>(0 = NONE, 1,2,3, etc).</b> (Note: a numeric field)
68.	Enter Picture number(s) <b>(from camera counter)</b>
<b>Additional Comments</b>	
	Enter additional comments as necessary