

TITLE:	ACF 300 and ARI 300 Data Collection Template	Rev: 3/24/2016	
Applies To:	ACF 301, ACF 310, ACF 330, ARI 301, ARI 310 and ARI 330		Page 1 of 3

LOCATION DESIGNATION				SKETCH - DESCRIPTION
PAD-TO-TANK WELDS (Designated with "A" codes)				
Code	Description	Location	Inspect	
A1	Outboard sill pad to tank transverse weld.	A & B Ends	Full length of weld, including portion around corner of pad.	
A2	Outboard longitudinal pad to tank weld.	AR, AL, BR, BL	Full length of weld to termination at bolster pad.	
A3	Fillet weld in outboard sill pad to tank cutout.	A & B Ends	Full length of weld.	
A6	Inboard termination of sill pad longitudinal welds.	AR, AL, BR, BL	Last 6" of longitudinal portion of weld and full length of transverse portion.	
A8	Inboard sill pad to tank slot welds, longitudinal fillet welds, no weld around the ends. .	AR, AL, BR, BL	Full length of weld.	
A9	Bolster pad to tank transverse weld.	ARO, ARI, ALO, ALI, BRO, BRI, BLO, BLI	Full length of weld.	
A10	Top of bolster pad longitudinal weld.	AR, AL, BR, BL	Full length of weld.	
<p>Use the "Generic Tank Head Brace" template for head brace defects.</p> <p>Use the "Generic Body Bolster" template for body bolster defects.</p> <p>Use the TCID "Record Shell/Sill Damage" button for:</p> <ul style="list-style-type: none"> All parent metal defects. All structural defects outside the scope of these templates. 				

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LOCATION DESIGNATION				SKETCH - DESCRIPTION
SILL-TO-PAD WELDS (Designated with "B" codes)				
Code	Description	Location	Inspect	
B2	Outboard termination of longitudinal weld (outside of sill).	AR, AL, BR, BL	Last 6" of weld.	
B4	Inboard termination of longitudinal weld (outside of sill).	AR, AL, BR, BL	Last 6" of weld including any portion of weld that wraps around sill and connects with B44.	
B22	Outboard termination of longitudinal weld (inside of sill).	AR, AL, BR, BL	Last 6" of weld.	
B44	Inboard termination of longitudinal weld (inside of sill).	AR, AL, BR, BL	Last 6" of weld.	
B301	Inboard reinforcing pad to sill pad, transverse weld (inside and outside of sill).	A, B	Full length of weld.	
B302	Inboard reinforcing pad to sill pad, longitudinal weld.	AR, AL, BR, BL	Full length of weld.	
				<p style="text-align: center;">VIEW A</p>

