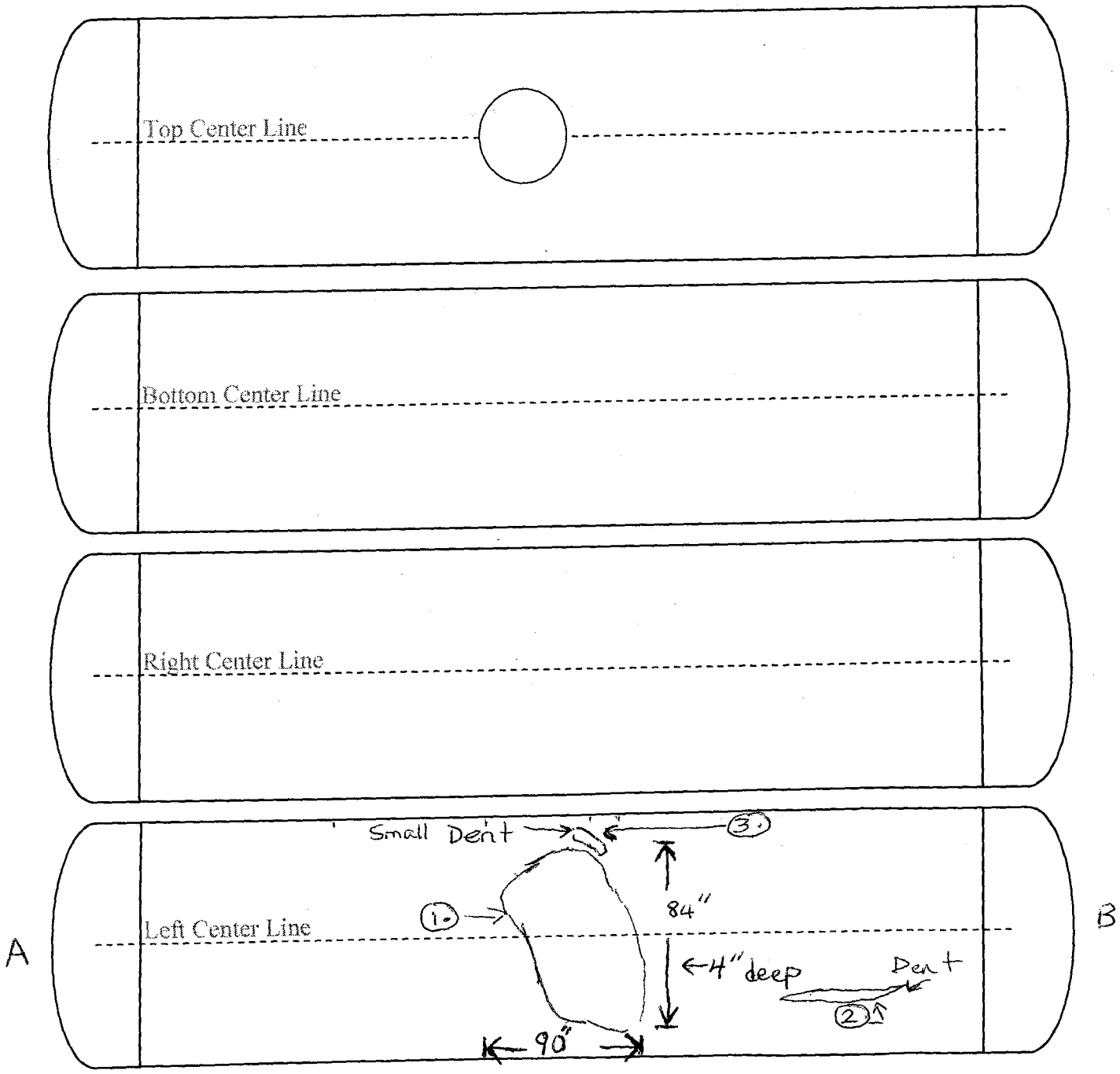
Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	UTLX 207398	Car Location City/State	Paulsboro, NJ
Date inspected	12/17/12 Railroad CRSH	DOT Specification	111A100W1
Last Contained	Ethanol	Was product released?	NO
(Indicate One)	Jacket (Non-jacketed)	Does car contain product	YES
Car builder	Union Tank Stub Sill Design		Built Date 04/2007
Capacity (GAL)	30220	LD Limit (LB)	196 600

Indicate number on figures below within damaged areas. (sketched in by inspector)

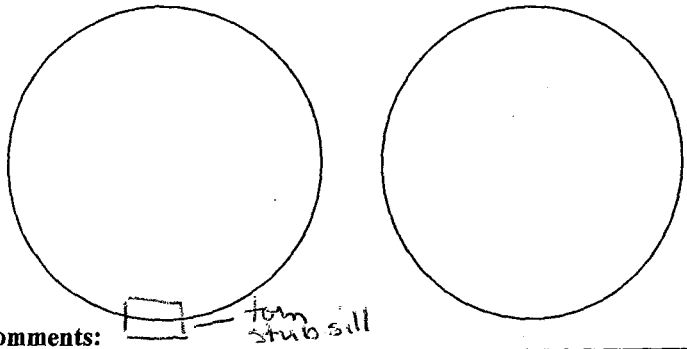
A-END



UTLX 207 398

Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head A-Head



		Station Stencil	Qual.	Due
Tank Qual.		UTHT	2007	2017
Thickness		UTHT	2007	2017
Serv. Equip.		UTHT	2007	2017
PRD	165	UTHT	2007	2017
Lining				
Rule 88		UTHT	2007	2017
Stub Sill		UTHT	2007	2017

Comments: THIS CAR WAS DERAILED AND LANDED ON ITS SIDE HALF SUBMERGED IN CREEK

TANK OR JACKET DAMAGE

1. **Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)**

1.	Affected?	TANK	Location?	LEFT SIDE	Dimensions:	Length	90"	Width	84"	Depth	4"
-	Defect type?	DENT	Shape?	OBLONG	Possible Cause?	IMPACT WITH GROUND					
2	Affected?	TANK	Location?	L/S BOT.	Dimensions:	Length	33"	Width	18"	Depth	2.25"
-	Defect type?	DENT	Shape?	OBLONG	Possible Cause?	IMPACT WITH DEBRIS					
3	Affected?	TANK	Location?	L/S TOP	Dimensions:	Length	?	Width	?	Depth	?
-	Defect type?	DENT	Shape?	OBLONG	Possible Cause?	IMPACT WITH GROUND					
4	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. **Was this tank car exposed to fire?** (Indicate one) Yes (No)
3. **How long was the car exposed to fire?** _____ N/A
4. **What percentage/locations of the tank were exposed to fire?** _____ **% Indicate location in figures on page 1.**
5. **What material burned to create the fire that the car was exposed to?** _____
6. **To what degree did the car roll? Initially** 90° **degrees and stopped at** 90°
7. **Distance traveled from track center? B-end?** 15' **A-end?** 15' **Center?** 15'
8. **Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...**

BRIDGE ABUTMENT, SAND AND MUD.

EXHIBIT R–2 (PAGE 2 OF 3)
REPORT OF NONACCIDENT-RELATED BUCKLES, CORROSION, AND CRACK REPAIRS

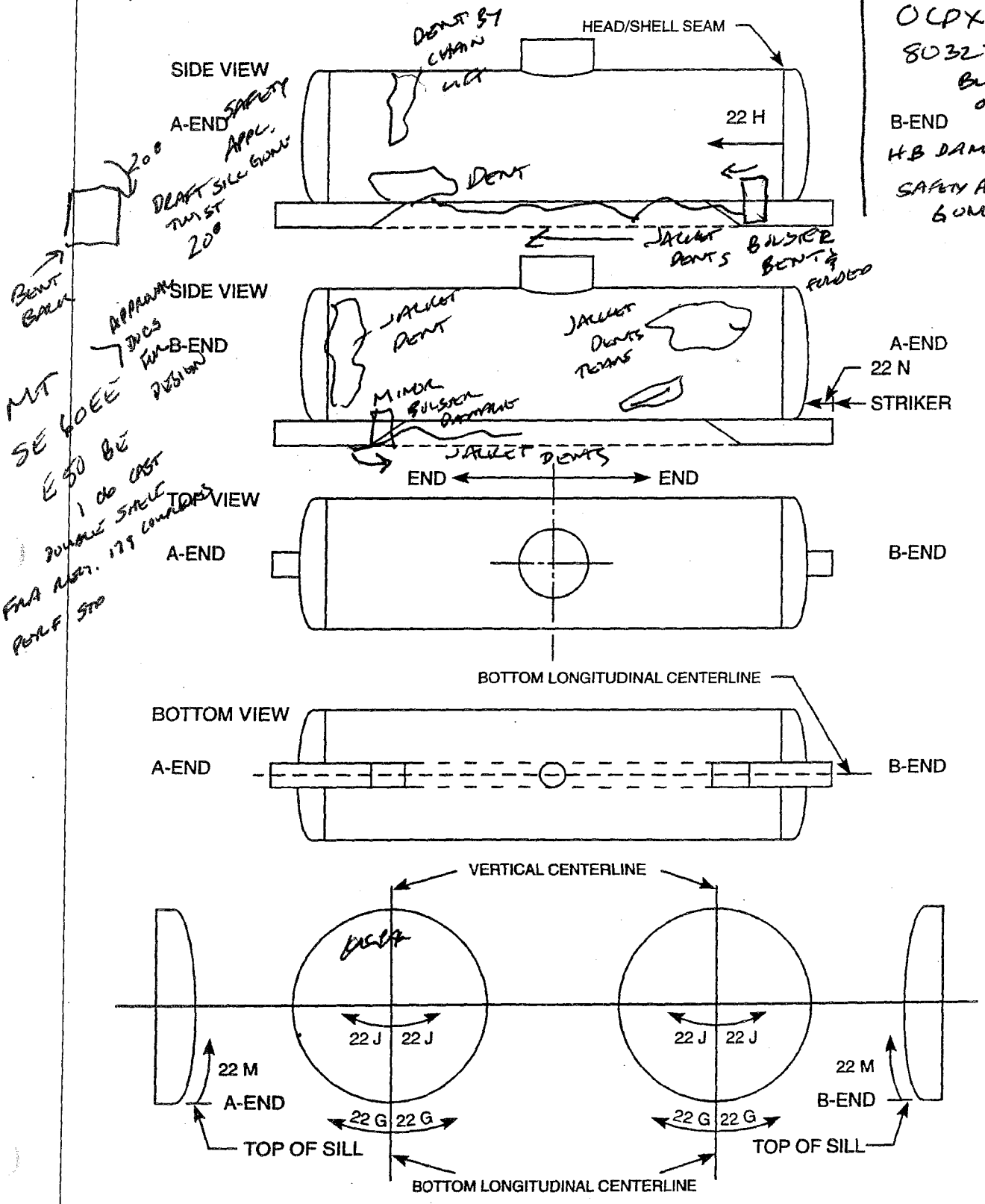


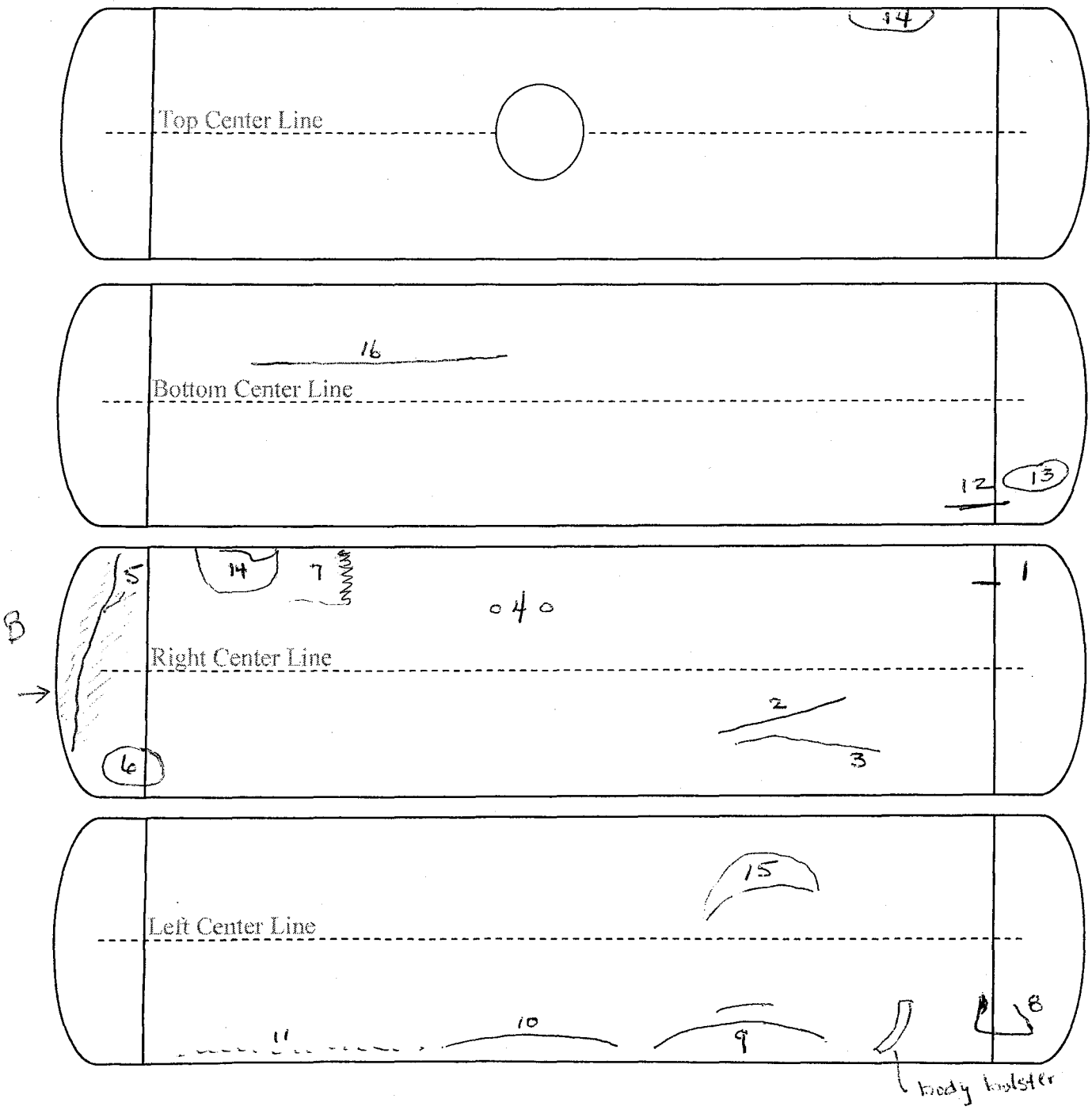
Fig. R3 Exhibit R–2 Report of Nonaccident-Related Buckles, Corrosion, and Crack Repairs (continued)

Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	OCPX 80323		Car Location City/State	Paulsboro, NJ	
Date inspected		Railroad CR	DOT Specification	105J300W	
Last Contained	Vinyl chloride stabilized		Was product released?	No	
(Indicate One)	Jacket X	Non-jacketed	Does car contain product	Yes	
Car builder	Trinity	Stub Sill Design	TRN023	Built Date	20060301
Capacity (GAL)	24650		LD Limit (LB)	182200	

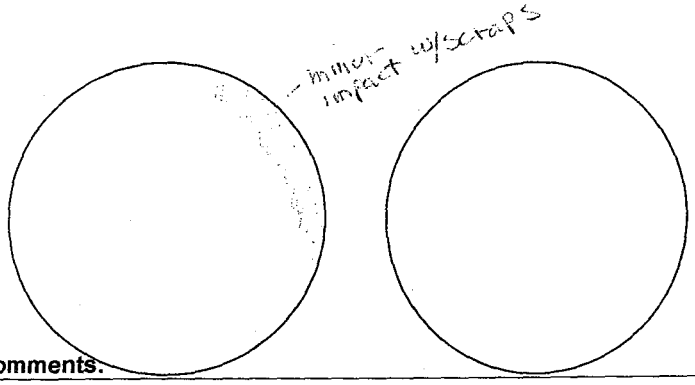
Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END



Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head A-Head



	Station Stencil	Qual.	Due
Tank Qual.	TICX	2006	2016
Thickness	TICX	2006	2016
Serv. Equip.	TXIX	2006	2016
PRD 247	TXIX	2006	2016
Lining			
Rule 88	TXIX		2016
Stub Sill	TXIX		2016

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

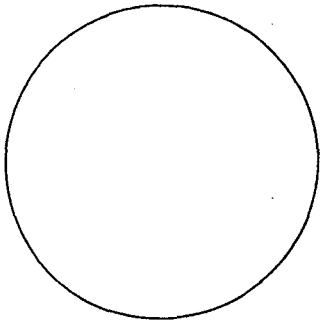
1.	Affected?	jacket	Location?	AR top	Dimensions:	Length	6"	Width		Depth	
-	Defect type?	puncture	Shape?	slit	Possible Cause?						
2	Affected?	jacket	Location?	AR	Dimensions:	Length	36"	Width	½"	Depth	thru
-	Defect type?	tear	Shape?	line	Possible Cause?						
3	Affected?	jacket	Location?	AR	Dimensions:	Length		Width		Depth	
-	Defect type?	fold	Shape?		Possible Cause?	ladder torn from pads					
4	Affected?	jacket	Location?	R ladder	Dimensions:	Length		Width		Depth	
-	Defect type?	tear	Shape?	2 circles	Possible Cause?						
5	Affected?	jacket	Location?	BR end	Dimensions:	Length	11'	Width		Depth	
-	Defect type?	fold/crush	Shape?	linear	Possible Cause?	struck bottom of creek					
6	Affected?	jacket	Location?	BR	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	circular	Possible Cause?						
7	Affected?	jacket	Location?	BR top	Dimensions:	Length		Width		Depth	
-	Defect type?	dent/scrape	Shape?	rectangle	Possible Cause?						
8	Affected?	jacket	Location?	BL	Dimensions:	Length		Width		Depth	
-	Defect type?	dent & hole	Shape?	u	Possible Cause?	4" slit					

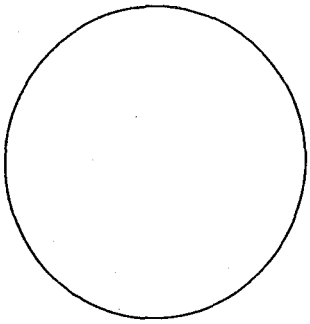
2. Was this tank car exposed to fire? (Indicate one) Yes (No)
3. How long was the car exposed to fire? _____ (N/A)
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc.

OCPX 80323

Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head A-Head





	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

9	~~1~~	Affected?	jacket	Location?	BL	Dimensions:	Length	6'	Width		Depth	
	-	Defect type?	dents	Shape?	crescent	Possible Cause?	~~wheels~~ bridge					
10	~~2~~	Affected?	jacket	Location?	L mid	Dimensions:	Length	7'	Width		Depth	
	-	Defect type?	dent	Shape?	crescent	Possible Cause?	bridge					
11	~~3~~	Affected?	jacket	Location?	AL	Dimensions:	Length		Width		Depth	
	-	Defect type?	dents	Shape?	linear	Possible Cause?	bridge walkway & timber					
12	~~4~~	Affected?	jacket	Location?	BR bottom	Dimensions:	Length	20"	Width		Depth	
	-	Defect type?	tear	Shape?		Possible Cause?						
13	~~5~~	Affected?	jacket	Location?	BR bott	Dimensions:	Length		Width		Depth	3 3/4"
	-	Defect type?	dent	Shape?	oblong	Possible Cause?						
14	~~6~~	Affected?	jacket	Location?	BR top	Dimensions:	Length		Width		Depth	
	-	Defect type?	dent	Shape?	oval	Possible Cause?						
15	~~7~~	Affected?	jacket	Location?	BL	Dimensions:	Length		Width		Depth	
	-	Defect type?	dent	Shape?	crescent	Possible Cause?						
16	8	Affected?	dent jacket	Location?	2' off center	Dimensions:	Length	10'	Width		Depth	
	-	Defect type?	dent	Shape?	line	Possible Cause?						

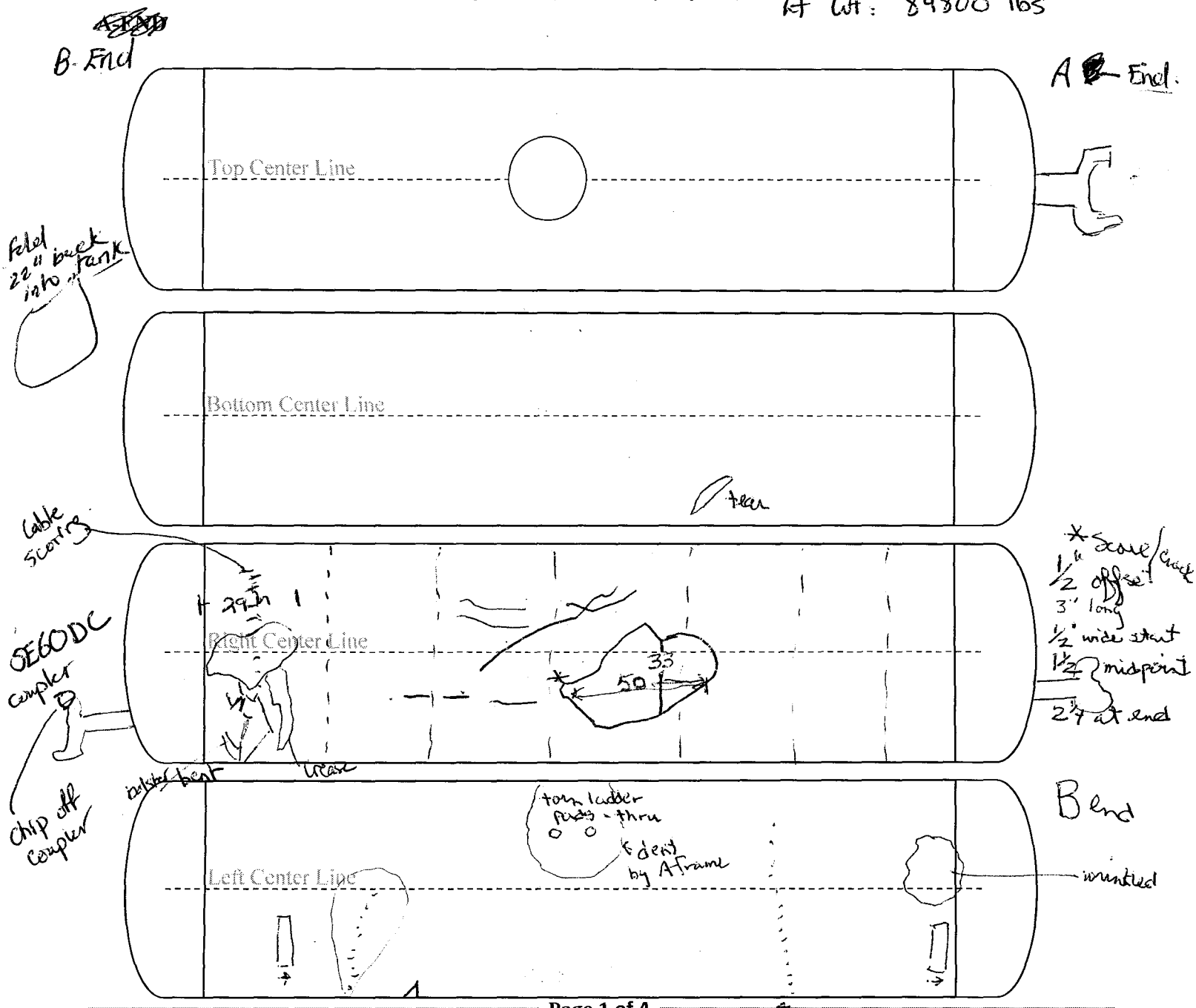
2. Was this tank car exposed to fire? (Indicate one) Yes No
3. How long was the car exposed to fire? _____ N/A
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...

National Transportation Safety Board
Tank Car Damage Assessment Form

Reporting Marks	OCPX 80234		Car Location City/State		
Date inspected		Railroad	DOT Specification	105J300W	
Last Contained	Vinyl Chlorride		Was product released?	Yes	
(Indicate One)	Jacket		Does car contain product	No	
Car builder	TrinityRail	Stub Sill Design		Built Date	11/90
Capacity (GAL)			LD Limit (LB)	178200 lbs	

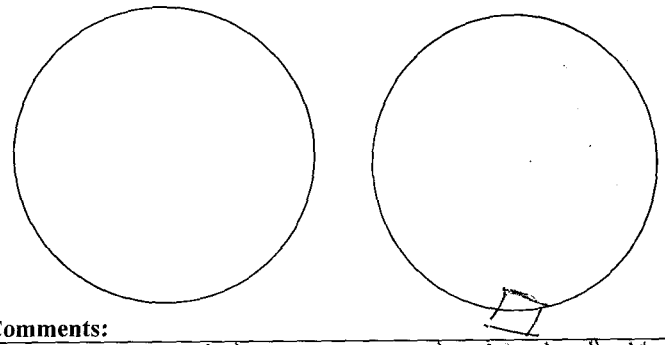
Indicate number on figures below within damaged areas. (sketched in by inspector)

Lt Wt: 84800 lbs



National Transportation Safety Board
Tank Car Damage Assessment Form

B-Head **A-Head**



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:
A stub sill driven down & twisted clockwise.

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
2	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
3	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
4	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. Was this tank car exposed to fire? NO
3. How long was the car exposed to fire? NO
4. What percentage/locations of the tank were exposed to fire? / Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to?
6. To what degree did the car roll? Initially [ ]° degrees and stopped at [ ]°
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____

8. **Brief description of details of surfaces tank was exposed after derailment? E.g. mud, track, rocks, etc...**

VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

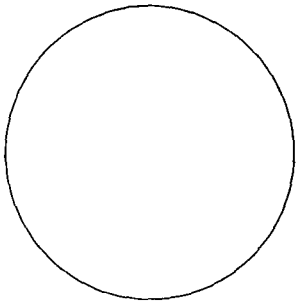
TOP

1. **Number of damaged valves?_____ Document station stencil if other than qual. Decal _____**

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. **Description of damage? Valve, Coils etc..._____Document station stencil if other than qual. Decal_____**

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:

Inspector's Name _____

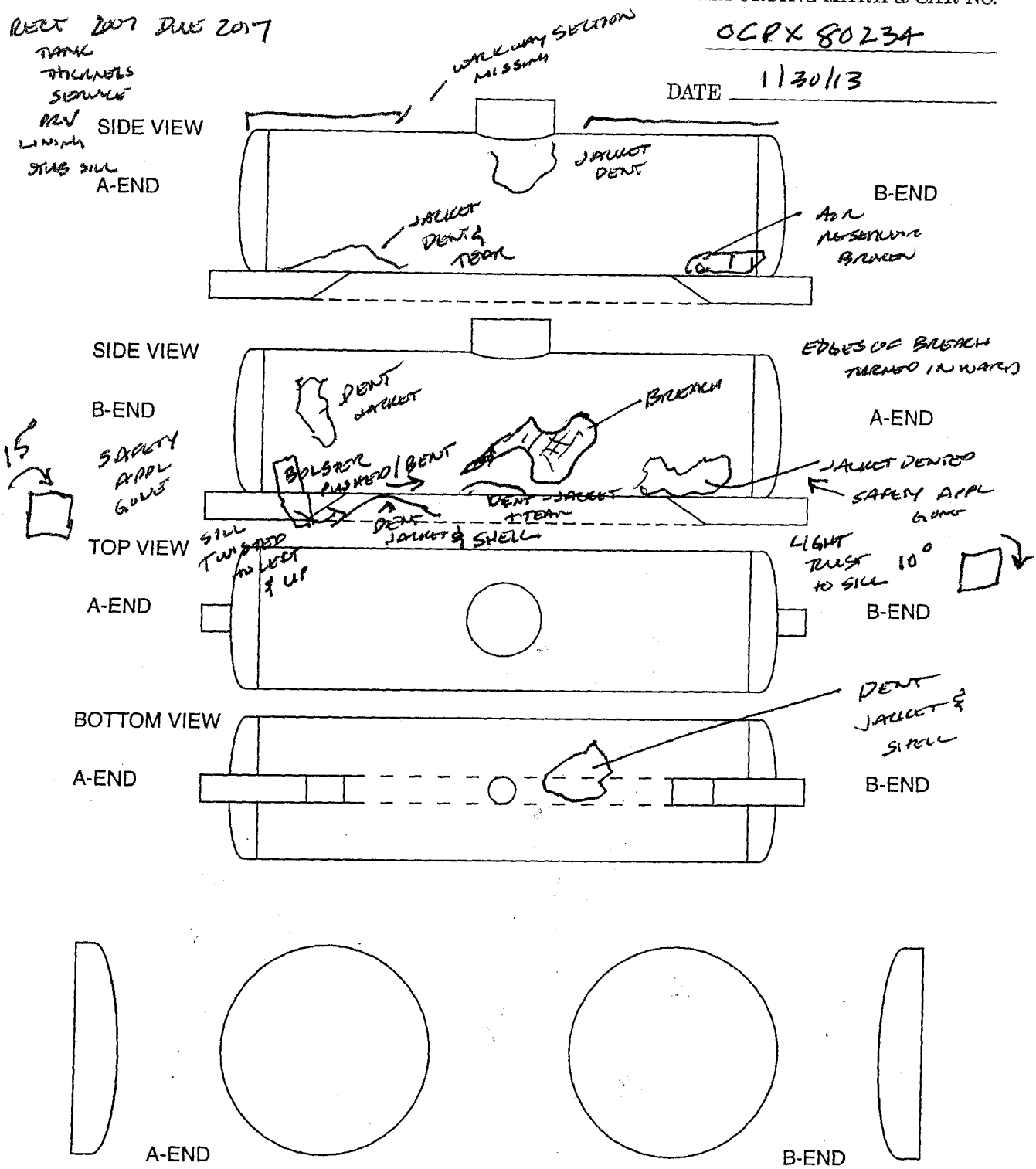
EXHIBIT R-1

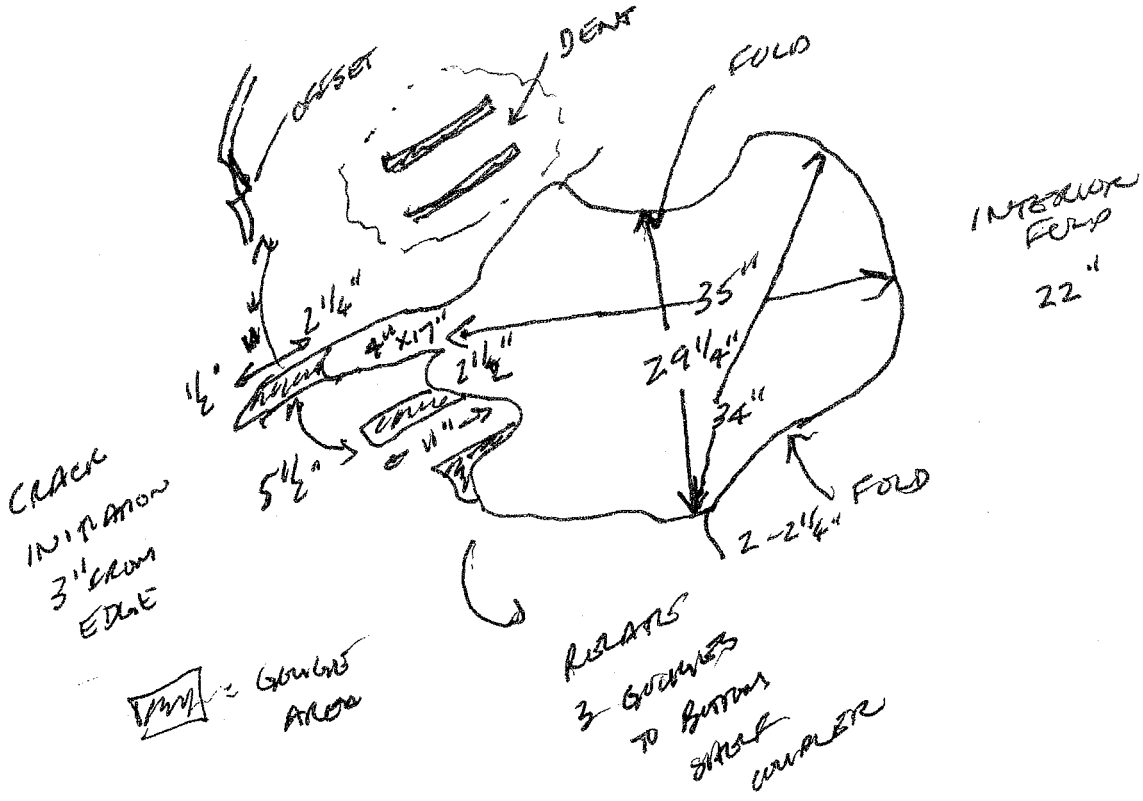
SHOW DAMAGES: LOCATION & SIZE: GOUGE, PUNCTURE, RUPTURE, DENT, CRACK

BUT 11/90
RECT 2007 DUE 2017
TANK THICKNESS SURVEY
PRV LINING STUB SILL

REPORTING MARK & CAR NO. OCPX 80234

DATE 11/30/13



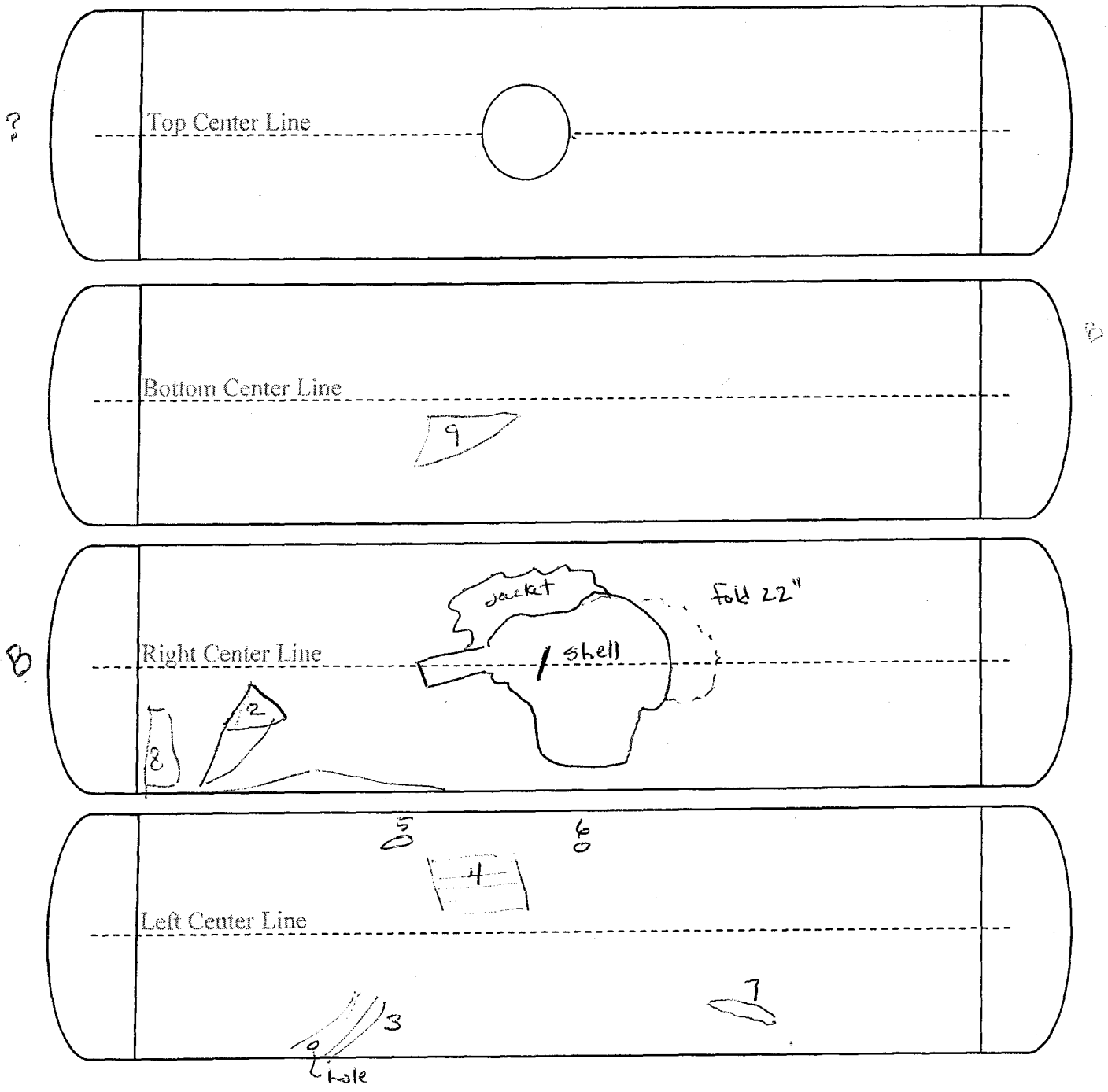

GUSSET
DENT
FOLD
INTERIOR FOLD
22"
2 1/4"
4" x 17"
2 1/4"
35"
29 1/4"
34"
1/2"
5 1/2"
11"
3"
CRACK INITIATION 3" FROM EDGE
FOLD
2 - 2 1/4"
= GUSSET AREA
RELATES 3 GUSSETS TO BOTTOM SIDE OF WASHER

Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	OCPX 80234		Car Location City/State	PAULSBORO, NJ	
Date inspected		Railroad CR	DOT Specification	105J300W	
Last Contained	VCM		Was product released?	YES	
(Indicate One)	Jacket	Non-jacketed	Does car contain product	Y	
Car builder	TRINITY	Stub Sill Design	TRNTY3	Built Date	19901101
Capacity (GAL)	24 894		LD Limit (LB)	179200	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

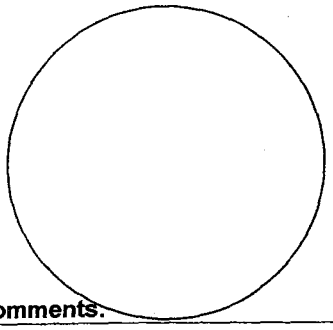


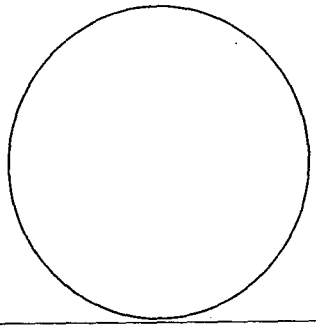
Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head A-Head

OCPX 80234

	Station Stencil	Qual.	Due
Tank Qual.	RECT	2007	2017
Thickness	↓	↓	↓
Serv. Equip.	↓	↓	↓
PRD 247.5	↓	↓	↓
Lining			
Rule 88	↓	↓	↓
Stub Sill	↓	↓	↓





Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	~~JACKET SHEET~~	Location?	℄ CAR	Dimensions:	Length	HT 3	Width	4"	Depth	THRU
-	Defect type?	PUNCTURE	Shape?	RECTANGLE	Possible Cause?	ALBODY BOLSTER FROM OCPX 80323					
2	Affected?	Jacket	Location?	BR	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	cresent	Possible Cause?	wheel					
3	Affected?	Jacket	Location?	AL	Dimensions:	Length		Width		Depth	
-	Defect type?	dents/scrap	Shape?	lines	Possible Cause?	hole 14"					
4	Affected?	jacket	Location?	L mid top	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	rectayle	Possible Cause?	bridge A Frame					
5	Affected?	jacket	Location?	L top	Dimensions:	Length		Width		Depth	
-	Defect type?	hole	Shape?	oval	Possible Cause?	ripped running board pad					
6	Affected?	jacket	Location?	L top	Dimensions:	Length		Width		Depth	
-	Defect type?	hole	Shape?	oval	Possible Cause?	ripped running board pad					
7	Affected?	jacket	Location?	BL	Dimensions:	Length		Width		Depth	
-	Defect type?	dent + thru crack	Shape?	cresent	Possible Cause?						
8	Affected?	BR bolster	Location?	BR	Dimensions:	Length		Width		Depth	
-	Defect type?	torn	Shape?		Possible Cause?						

9 Jacket torn triangle 6" off center .25" L 15" W

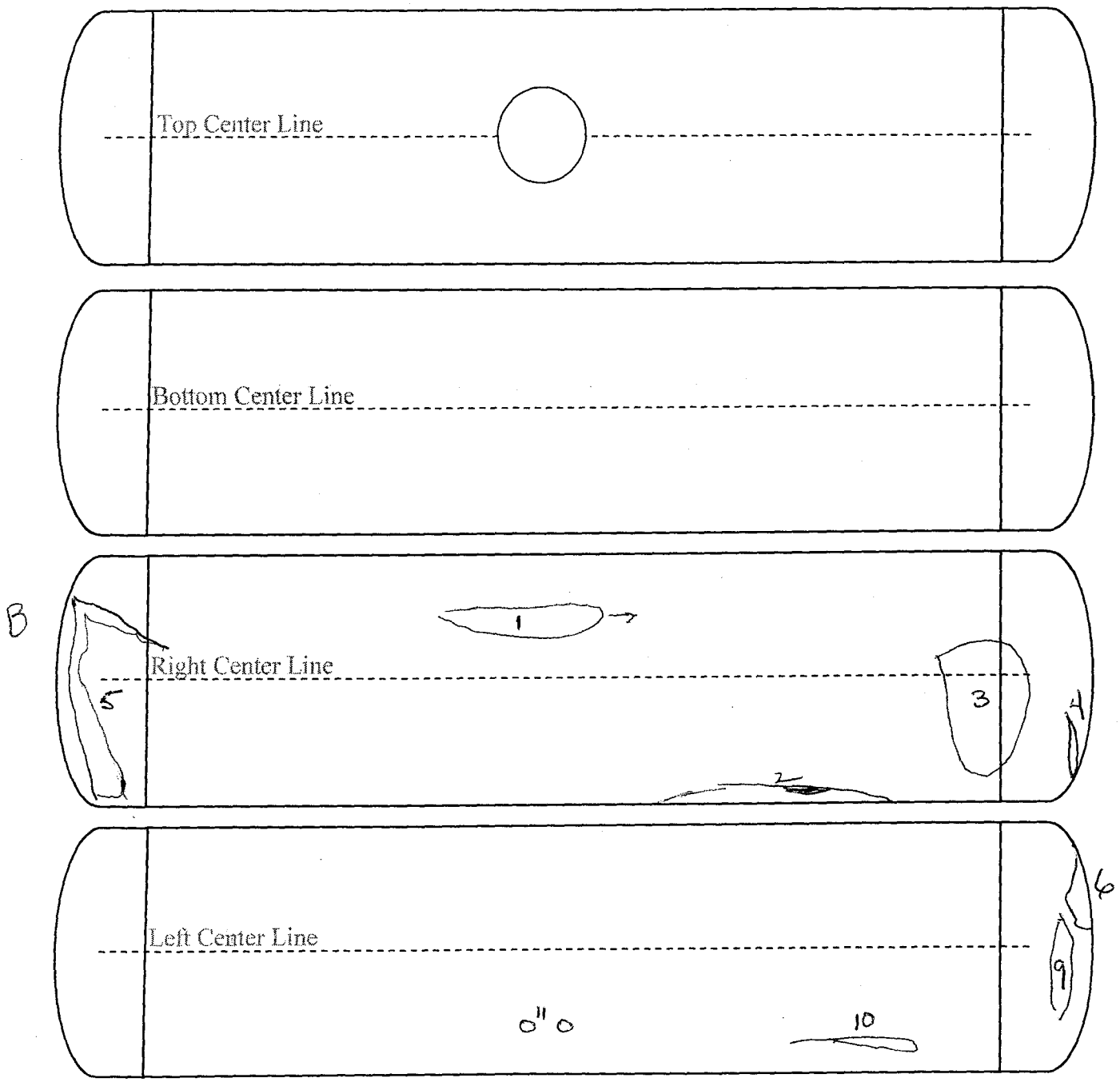
2. Was this tank car exposed to fire? (Indicate one) Yes No
3. How long was the car exposed to fire? _____ N/A
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc.

Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	UTLX 98097		Car Location City/State	PAULSBORO, NJ	
Date inspected		Railroad CR	DOT Specification	105J300W	
Last Contained	VCM		Was product released?	N	
(Indicate One)	(Jacket)	Non-jacketed	Does car contain product	Y	
Car builder	UNIONTANK	Stub Sill Design	UTLX BN	Built Date	19780201
Capacity (GAL)	25,212		LD Limit (LB)	179200	

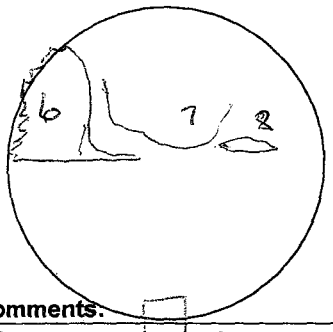
Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

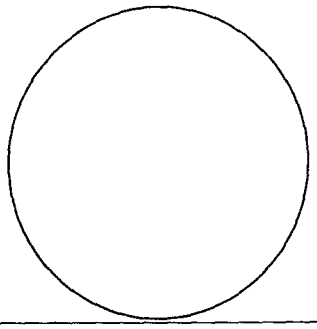


Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head



A-Head



	Station Stencil	Qual.	Due
Tank Qual.	UTCT	2007	2017
Thickness	✓	✓	✓
Serv. Equip.	✓	✓	✓
PRD 241.5	✓	✓	✓
Lining			
Rule 88	✓	✓	✓
Stub Sill	✓	✓	✓

Comments:

B stub sill twisted & torn

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

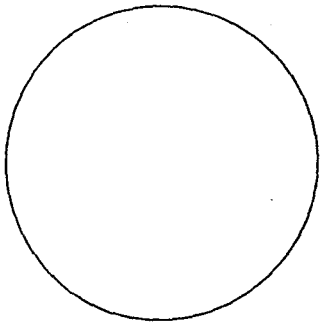
1.	Affected?	jacket	Location?	R mid upper	Dimensions:	Length	82	Width	60	Depth	1 1/4 "
-	Defect type?	dent	Shape?	oblong	Possible Cause?	piling					
2	Affected?	jacket	Location?	A bottom	Dimensions:	Length	73" dent	Width		Depth	
-	Defect type?	dent + tear	Shape?		Possible Cause?	wheels / truck					
3	Affected?	jacket	Location?	AR	Dimensions:	Length	37"	Width	24"	Depth	1 1/2 "
-	Defect type?	dent	Shape?	oval	Possible Cause?						
4	Affected?	jacket	Location?	AR end	Dimensions:	Length	20"	Width		Depth	
-	Defect type?	tear	Shape?	cresent	Possible Cause?						
5	Affected?	jacket	Location?	BR end	Dimensions:	Length	83	Width	20	Depth	1 1/4"
-	Defect type?	dent	Shape?	irr	Possible Cause?	Attmuck Creek bottom					
6	Affected?	jacket	Location?	BL end	Dimensions:	Length	39	Width	24	Depth	
-	Defect type?	hole	Shape?	triangle	Possible Cause?						
7	Affected?	jacket	Location?	B	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	U	Possible Cause?						
8	Affected?	jacket	Location?	B	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	shallow triangle	Possible Cause?						

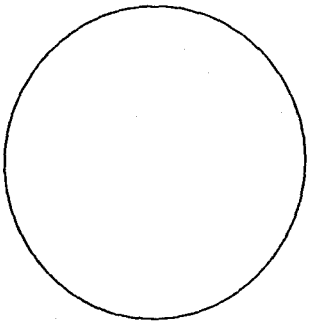
2. Was this tank car exposed to fire? (Indicate one) Yes (No)
3. How long was the car exposed to fire? _____ (N/A)
4. What percentage/locations of the tank were exposed to fire? — % Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? —
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc.

UTLX 98097

Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head A-Head





	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

9	~~1~~	Affected?	jacket	Location?	BL	Dimensions:	Length	44	Width	12	Depth	
	-	Defect type?	dent	Shape?	teardrop	Possible Cause?						
10	~~2~~	Affected?	jacket	Location?	BL	Dimensions:	Length	36	Width	18	Depth	
	-	Defect type?	dent	Shape?		Possible Cause?						
11	~~3~~	Affected?	jacket	Location?	L mid	Dimensions:	Length		Width		Depth	
	-	Defect type?	holes	Shape?		Possible Cause?	ladder pad ripped out					
	4	Affected?		Location?		Dimensions:	Length		Width		Depth	
	-	Defect type?		Shape?		Possible Cause?						
	5	Affected?		Location?		Dimensions:	Length		Width		Depth	
	-	Defect type?		Shape?		Possible Cause?						
	6	Affected?		Location?		Dimensions:	Length		Width		Depth	
	-	Defect type?		Shape?		Possible Cause?						
	7	Affected?		Location?		Dimensions:	Length		Width		Depth	
	-	Defect type?		Shape?		Possible Cause?						
	8	Affected?		Location?		Dimensions:	Length		Width		Depth	
	-	Defect type?		Shape?		Possible Cause?						

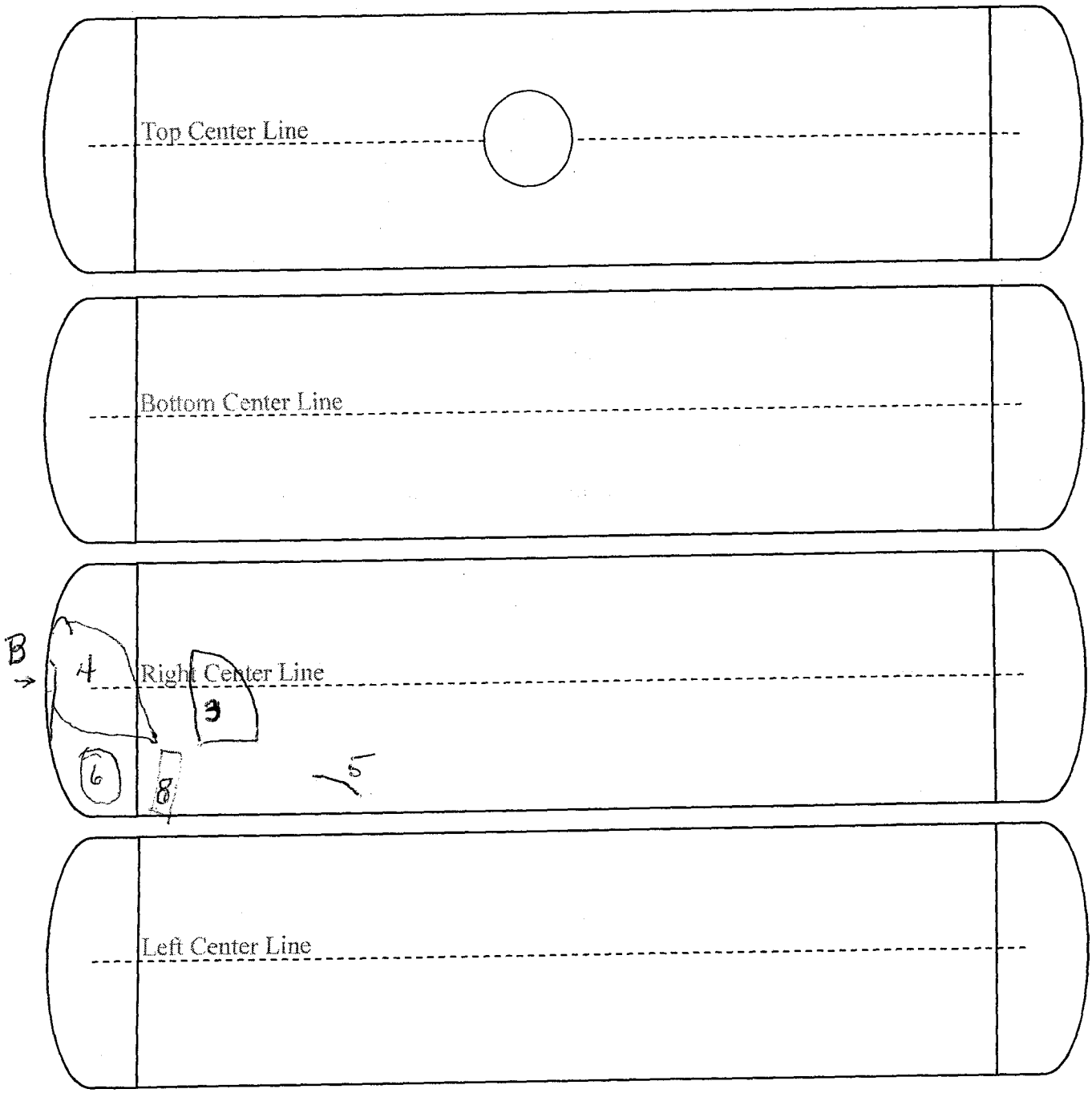
2. Was this tank car exposed to fire? (Indicate one) Yes No
3. How long was the car exposed to fire? _____ N/A
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____A-end? _____Center?_____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...

Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	UTLX 98041		Car Location City/State	PAULSBORO, NJ	
Date inspected		Railroad CR	DOT Specification	105J300W	
Last Contained	VCM		Was product released?	N	
(Indicate One)	Jacket	Non-jacketed	Does car contain product	Y	
Car builder	UNION TANK	Stub Sill Design	UTLX BN	Built Date	19780101
Capacity (GAL)	25182		LD Limit (LB)	179100	

Indicate number on figures below within damaged areas. (sketched in by inspector)

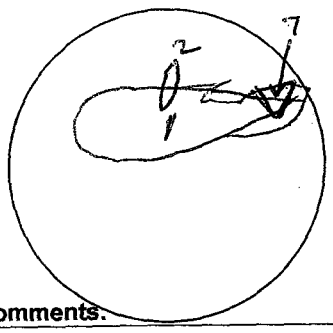
A-END

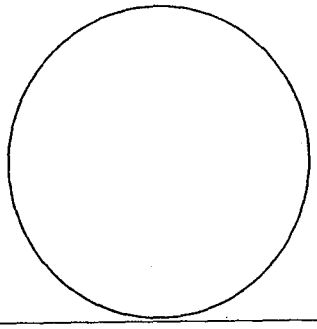


Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head





	Station Stencil	Qual.	Due
Tank Qual.	UTCG	2003	2013
Thickness	↓	↓	↓
Serv. Equip.	↓	↓	↓
PRD 247.5	↓	↓	✓
Lining			
Rule 88	↓	↓	✓
Stub Sill	↓	↓	✓

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	B JACKET	Location?	TOP HALF	Dimensions:	Length	7'	Width		Depth	
-	Defect type?	DENT	Shape?		Possible Cause?	IMPACT W/ UTLX 98097					
2	Affected?	B jacket	Location?	mid top half	Dimensions:	Length	2 7/16	Width	4 3/4	Depth	thru
-	Defect type?	hole	Shape?	sl. t vert	Possible Cause?						
3	Affected?	jacket	Location?	above BR bolster	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	oval w/ flat bottom	Possible Cause?	UTLX 98097 pressure fold from car body into end					
4	Affected?	~~dent~~ jacket	Location?	BR corner	Dimensions:	Length	6'	Width	16"	Depth	
-	Defect type?	dent/Fold	Shape?		Possible Cause?						
5	Affected?	BR jacket	Location?	bottom	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	crescent	Possible Cause?	~~B~~ R2 wheel					
6	Affected?	jacket	Location?	BR	Dimensions:	Length		Width		Depth	
-	Defect type?	dent	Shape?	oval	Possible Cause?						
7	Affected?	jacket	Location?	BR top	Dimensions:	Length	19 1/4	Width	17	Depth	
-	Defect type?	hole	Shape?	invert triangle	Possible Cause?						
8	Affected?	bolster	Location?		Dimensions:	Length		Width		Depth	
-	Defect type?	bent	Shape?		Possible Cause?						

2. Was this tank car exposed to fire? (Indicate one) Yes No
3. How long was the car exposed to fire? _____ N/A
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc.