



Log distance [m]	GPS			Feature type and ID				Reference joint				Joint global geometry		Feature location on joint			Anomaly sizing and further information													
	Easting [m]	Northing [m]	Height [m]	Feature type	Feature identification	Comment	Cluster ID	Girth weld Nr	Joint manufacturing type	Joint / component length [m]	Internal diameter [mm]	Wall thickness [mm]	Ovality [%]	Bend Y/N	Abs. Dist. to upstream weld [m]	Clock position seam weld / anomaly	Surface location [INT / EXT / MID / N/A]	Deformations				Cracks and metal losses								
																		Inward/outward	depth / height [%] / [mm]	Length [mm]	Width [mm]	Mean depth [%]	Max. depth [%]	Max. depth [mm]	rem. t [mm]	Length [mm]	Width [mm]	Anomaly dimension classification	ERF B31 G (metal losses)	ERF [0.58 d.L.] (metal losses)
2448.358	176051.176	578594.934	250.619	anomaly	corrosion							6.30	N	10.853	05:57	EXT					8	11	0.68	5.62	10	8	AXSL	0.68		
2448.560	176051.370	578594.990	250.610	anomaly	corrosion cluster		8					6.34	N	11.055	04:57	EXT					6	29	1.84	4.50	172	158	GENE	0.80	0.74	
2449.991	176052.742	578595.388	250.546	weld	-			2390	longitudinal seam	6.110	260.60	6.25	N		10:51															
2452.086	176054.753	578595.964	250.456	anomaly	corrosion							6.20	N	2.095	05:26	EXT					5	11	0.67	5.53	26	32	PITT	0.69		
2455.660	176058.190	578596.925	250.315	anomaly	corrosion							6.20	N	5.669	07:01	EXT					11	34	2.12	4.08	56	56	GENE	0.75	0.68	
2456.101	176058.615	578597.043	250.299	weld	-			2400	longitudinal seam	0.952	260.64	6.23	N		03:56															
2457.053	176059.531	578597.297	250.265	weld	-			2410	longitudinal seam	5.364	260.64	6.23	N		10:51															
2460.532	176062.881	578598.220	250.118	anomaly	corrosion							6.20	N	3.479	06:42	EXT					3	15	0.90	5.30	300	32	GENE	0.80		
2462.417	176064.695	578598.720	250.033	weld	-			2420	longitudinal seam	1.851	260.46	6.32	N		08:10															
2464.268	176066.476	578599.218	249.955	weld	-			2430	longitudinal seam	0.646	260.40	6.35	N		03:34															
2464.395	176066.598	578599.252	249.950	anomaly	corrosion							6.30	N	0.127	08:36	EXT					11	17	1.09	5.21	14	8	AXSL	0.69		
2464.503	176066.701	578599.281	249.946	anomaly	corrosion							6.30	N	0.235	10:15	EXT					3	14	0.88	5.42	186	56	GENE	0.74		
2464.521	176066.719	578599.286	249.945	anomaly	corrosion							6.30	N	0.253	08:22	EXT					5	11	0.71	5.59	26	16	PITT	0.69		
2464.573	176066.769	578599.300	249.944	anomaly	corrosion							6.30	N	0.305	08:35	EXT					5	14	0.91	5.39	48	23	AXGR	0.70		
2464.785	176066.973	578599.358	249.937	anomaly	corrosion cluster	GWA	9					6.35	N	0.517	07:14	EXT					3	15	0.95	5.40	116	56	GENE	0.73		
2464.859	176067.044	578599.378	249.935	anomaly	corrosion							6.30	N	0.591	01:01	EXT					6	13	0.81	5.49	22	8	AXSL	0.69		
2464.914	176067.097	578599.393	249.933	weld	-			2440	longitudinal seam	10.034	260.40	6.35	1.4	N		08:06														
2464.979	176067.159	578599.411	249.931	anomaly	corrosion							6.40	N	0.065	08:48	EXT					4	12	0.78	5.62	60	40	GENE	0.70		
2465.007	176067.186	578599.419	249.930	anomaly	corrosion							6.40	N	0.093	04:55	EXT					4	13	0.81	5.59	82	88	GENE	0.71		
2465.029	176067.207	578599.425	249.929	anomaly	corrosion cluster		10					6.35	N	0.115	03:08	EXT					3	13	0.83	5.52	82	48	GENE	0.71		
2465.099	176067.274	578599.444	249.927	anomaly	corrosion cluster		11					6.35	N	0.185	08:55	EXT					4	15	0.95	5.40	60	32	GENE	0.71		
2466.537	176068.656	578599.836	249.881	anomaly	corrosion							6.40	N	1.623	05:46	EXT					13	21	1.37	5.03	14	16	PITT	0.69	0.61	
2467.695	176069.769	578600.152	249.854	anomaly	corrosion							6.30	N	2.781	05:15	EXT					6	28	1.74	4.56	202	63	GENE	0.95	0.74	
2469.019	176071.042	578600.515	249.825	anomaly	corrosion							6.40	N	4.105	06:28	EXT					5	10	0.66	5.74	22	24	PITT	0.69		
2470.513	176072.477	578600.928	249.796	anomaly	dent plain							6.35	N	5.599	04:15	INT	inw	1.1%	65	107										
2473.992	176075.813	578601.906	249.707	anomaly	dent plain							6.35	N	9.078	01:26	INT	inw	0.9%	305	250										
2474.713	176076.503	578602.112	249.678	anomaly	corrosion							6.40	N	9.799	05:29	EXT														
2474.948	176076.727	578602.180	249.664	weld	-			2450	longitudinal seam	12.546	260.46	6.32	N		01:43															
4103.005	177617.081	579114.759	262.960	weld	-	אתר 1		3900	longitudinal seam	12.508	260.66	6.22	N		01:06															
4103.270	177617.333	579114.844	262.960	anomaly	corrosion							6.20	N	0.265	08:43	EXT					3	11	0.66	5.54	150	64	GENE	0.72		
4103.490	177617.542	579114.915	262.959	anomaly	corrosion							6.20	N	0.485	08:37	EXT					5	22	1.38	4.82	246	72	GENE	0.87	0.71	
4103.804	177617.841	579115.015	262.958	anomaly	corrosion							6.20	N	0.799	08:31	EXT					6	26	1.58	4.62	238	80	GENE	0.92	0.74	
4109.558	177623.315	579116.852	262.963	anomaly	corrosion	further indications						6.20	N	6.553	08:33	EXT					4	9	0.58	5.62	38	31	GENE			
4109.775	177623.522	579116.921	262.964	anomaly	corrosion							6.20	N	6.770	08:21	EXT					9	29	1.79	4.41	62	48	GENE	0.75	0.68	
4115.513	177628.987	579118.737	262.994	weld	-			3910	longitudinal seam	12.489	260.50	6.30	N		03:04															
4340.598	177842.763	579191.423	267.379	weld	-	קטע 2 התחלה		4140	longitudinal seam	12.521	260.50	6.30	N		11:39															
4343.694	177845.729	579192.312	267.136	anomaly	corrosion	further indications						6.30	N	3.096	03:40	EXT					4	14	0.88	5.42	86	23	AXGR	0.72		
4343.816	177845.846	579192.347	267.127	anomaly	corrosion							6.30	N	3.218	03:21	EXT					3	11	0.68	5.62	82	56	GENE	0.71		
4344.080	177846.098	579192.423	267.107	anomaly	corrosion							6.30	N	3.482	03:42	EXT					8	13	0.79	5.51	14	23	PITT	0.68		
4347.094	177848.985	579193.290	266.880	anomaly	corrosion							6.30	N	6.496	03:59	EXT					6	15	0.97	5.33	30	32	GENE	0.69		
4347.230	177849.116	579193.329	266.870	anomaly	corrosion							6.30	N	6.632	04:08	EXT					3	8	0.53	5.77	36	16	AXGR			
4351.990	177853.670	579194.705	266.471	anomaly	corrosion							6.30	N	11.392	04:20	EXT					2	8	0.53	5.77	208	24	AXGR			
4353.119	177854.748	579195.032	266.365	weld	-			4150	longitudinal seam	1.765	260.40	6.35	N		09:46															
4354.034	177855.622	579195.300	266.281	anomaly	corrosion							6.30	N	0.915	04:11	EXT					5	23	1.45	4.85	368	64	GENE	0.89	0.73	
4354.635	177856.196	579195.476	266.227	anomaly	corrosion							6.30	N	1.516	04:12	EXT					3	11	0.71	5.59	84	23	AXGR	0.71		
4354.763	177856.318	579195.514	266.215	anomaly	corrosion							6.30	N	1.644	04:44	EXT					4	13	0.79	5.51	60	24	AXGR	0.71		
4354.884	177856.434	579195.550	266.204	weld	-			4160	longitudinal seam	3.408	260.46	6.32	N		10:34															
4358.292	177859.683	579196.558	265.872	weld	-			4170	longitudinal seam	12.516	260.56	6.27	N																	







Log distance [m]	GPS			Feature type and ID				Reference joint				Joint global geometry		Feature location on joint		Anomaly sizing and further information														
	Easting [m]	Northing [m]	Height [m]	Feature type	Feature identification	Comment	Cluster ID	Girth weld Nr	Joint manufacturing type	Joint / component length [m]	Internal diameter [mm]	Wall thickness [mm]	Ovality [%]	Bend Y/N	Abs. Dist. to upstream weld [m]	Clock position seam weld / anomaly	Surface location [INT / EXT / MID / N/A]	Deformations				Cracks and metal losses								
																		Inward/outward	depth / height [%] / [mm]	Length [mm]	Width [mm]	Mean depth [%]	Max. depth [%]	Max. depth [mm]	rem. t [mm]	Length [mm]	Width [mm]	Anomaly dimension classification	ERF B31 G (metal losses)	ERF [0.58 d.L.] (metal losses)
21149.175	192472.762	575477.648	371.107	anomaly	corrosion	LWA						6.20	N	2.898	05:08	EXT					3	10	0.61	5.59	50	24	AXGR	0.70		
21149.365	192472.947	575477.608	371.098	anomaly	corrosion	LWA						6.20	N	3.088	04:55	EXT					3	6	0.37	5.83	20	16	PITT			
21149.477	192473.056	575477.584	371.093	anomaly	corrosion	LWA						6.20	N	3.200	05:08	EXT					3	7	0.46	5.74	36	31	GENE			
21149.555	192473.132	575477.568	371.090	anomaly	corrosion cluster	LWA		70				6.29	N	3.278	04:35	EXT					3	14	0.88	5.41	250	79	GENE	0.79		
21149.831	192473.401	575477.509	371.077	anomaly	corrosion	LWA						6.20	N	3.554	05:02	EXT					5	13	0.81	5.39	50	32	GENE	0.70		
21149.917	192473.485	575477.491	371.073	anomaly	corrosion cluster	LWA		71				6.29	N	3.640	04:21	EXT					4	22	1.38	4.91	242	159	GENE	0.87	0.71	
21149.919	192473.487	575477.491	371.073	anomaly	corrosion	LWA						6.20	N	3.642	06:28	EXT					4	7	0.46	5.74	20	40	CIGR			
21150.157	192473.719	575477.440	371.063	anomaly	corrosion	LWA						6.30	N	3.880	05:01	EXT					7	27	1.71	4.59	168	127	GENE	0.79	0.73	
21150.235	192473.795	575477.424	371.059	anomaly	corrosion	LWA						6.30	N	3.958	04:21	EXT					4	7	0.44	5.86	18	24	PITT			
21150.295	192473.853	575477.411	371.056	anomaly	corrosion	LWA						6.30	N	4.018	04:21	EXT					3	9	0.56	5.74	42	24	PITT			
21150.349	192473.906	575477.400	371.054	anomaly	corrosion cluster	LWA		72				6.29	N	4.072	04:15	EXT					3	15	0.94	5.35	175	111	GENE	0.74		
21150.465	192474.019	575477.375	371.049	anomaly	corrosion	LWA						6.30	N	4.188	06:08	EXT					6	17	1.06	5.24	56	48	GENE	0.71		
21150.575	192474.126	575477.352	371.044	anomaly	corrosion	LWA						6.30	N	4.298	04:28	EXT					6	7	0.47	5.83	10	16	PITT			
21150.579	192474.130	575477.351	371.044	anomaly	corrosion	LWA						6.30	N	4.302	05:21	EXT					6	14	0.85	5.45	30	31	GENE	0.69		
21150.605	192474.155	575477.346	371.043	anomaly	corrosion	LWA						6.30	N	4.328	04:28	EXT					5	9	0.59	5.71	20	16	PITT			
21150.627	192474.177	575477.341	371.042	anomaly	corrosion	LWA						6.30	N	4.350	06:41	EXT					5	10	0.62	5.68	18	23	PITT	0.69		
21150.691	192474.239	575477.327	371.039	anomaly	corrosion	LWA						6.30	N	4.414	05:01	EXT					6	14	0.85	5.45	22	24	PITT	0.69		
21150.733	192474.280	575477.318	371.037	anomaly	corrosion cluster	LWA		73				6.29	N	4.456	04:21	EXT					4	24	1.51	4.76	934	223	GENE	0.90	0.75	
21150.875	192474.418	575477.288	371.030	anomaly	corrosion	LWA						6.30	N	4.598	04:14	EXT					4	7	0.47	5.83	16	16	PITT			
21151.413	192474.943	575477.175	371.007	anomaly	corrosion cluster	LWA		74				6.29	N	5.136	04:14	EXT					2	9	0.57	5.72	52	16	AXGR			
21152.084	192475.597	575477.034	370.978	anomaly	corrosion cluster	LWA		75				6.29	N	5.807	04:07	EXT					4	22	1.38	4.91	342	191	GENE	0.87	0.72	
21152.252	192475.761	575476.999	370.971	anomaly	corrosion	LWA						6.30	N	5.975	04:00	EXT					4	10	0.62	5.68	24	39	PITT	0.69		
21152.475	192475.978	575476.952	370.961	anomaly	corrosion	LWA						6.30	N	6.198	05:54	EXT					8	20	1.24	5.06	30	24	PITT	0.70	0.62	
21152.583	192476.083	575476.930	370.956	anomaly	corrosion	LWA						6.30	N	6.306	05:47	EXT					4	15	0.94	5.36	136	56	GENE	0.73		
21152.858	192476.351	575476.872	370.944	anomaly	corrosion	LWA						6.30	N	6.581	06:07	EXT					7	14	0.88	5.42	18	32	PITT	0.69		
21153.190	192476.675	575476.802	370.930	anomaly	corrosion cluster	LWA		76				6.29	N	6.913	06:01	EXT					3	14	0.88	5.41	192	71	GENE	0.79		
21153.498	192476.976	575476.738	370.916	anomaly	corrosion	LWA						6.30	N	7.221	06:34	EXT					7	11	0.68	5.62	14	24	PITT	0.68		
21153.714	192477.186	575476.693	370.907	anomaly	corrosion	LWA						6.30	N	7.437	06:41	EXT					6	12	0.76	5.54	24	23	PITT	0.69		
21153.730	192477.202	575476.690	370.906	anomaly	corrosion	LWA						6.30	N	7.453	05:48	EXT					4	9	0.56	5.74	20	16	PITT			
21158.808	192482.155	575475.631	370.671	weld	-			19260	longitudinal seam	9.921	260.42	6.34	N			03:06														
21488.236	192804.100	575409.005	370.007	weld	-	אתר 20		19540	longitudinal seam	12.532	260.52	6.29	N			09:56														
21499.978	192815.550	575406.489	370.347	anomaly	corrosion							6.30	N	11.742	05:05	EXT					4	12	0.74	5.56	52	40	GENE	0.70		
21500.080	192815.649	575406.466	370.349	anomaly	corrosion							6.30	N	11.844	05:04	EXT					5	21	1.30	5.00	258	64	GENE	0.86	0.71	
21500.358	192815.920	575406.404	370.356	anomaly	corrosion							6.30	N	12.122	05:10	EXT					6	16	1.03	5.27	52	24	AXGR	0.71		
21500.768	192816.319	575406.312	370.366	weld	-			19550	longitudinal seam	12.486	260.46	6.32	N			01:23														
21994.650	193298.534	575308.914	364.668	weld	-	קטע 5 התחלה		20040	longitudinal seam	12.518	260.38	6.36	0.2	N		11:43														
21995.958	193299.811	575308.660	364.790	anomaly	dent plain							6.36	N	1.308	00:52	INT	inw	0.4%	55	107										
22007.168	193310.708	575306.259	365.825	weld	-			20050	longitudinal seam	12.520	260.40	6.35	0.4	N		01:51														
22007.859	193311.378	575306.101	365.887	anomaly	corrosion							6.30	N	0.691	06:02	EXT					4	12	0.76	5.54	42	24	PITT	0.70		
22008.031	193311.544	575306.062	365.903	anomaly	corrosion cluster			78				6.35	N	0.863	05:03	EXT					5	29	1.84	4.51	246	143	GENE	0.96	0.76	
22012.676	193316.042	575304.974	366.291	anomaly	corrosion							6.30	N	5.508	03:06	EXT					10	14	0.85	5.45	8	16	CISL	0.68		
22013.675	193317.009	575304.738	366.375	anomaly	dent complex	LWA						6.35	N	6.507	02:07	INT	inw	0.5%	55	71										
22015.343	193318.623	575304.345	366.516	anomaly	corrosion							6.30	N	8.175	09:19	EXT					8	19	1.21	5.09	34	55	GENE	0.70		
22016.475	193319.719	575304.079	366.612	anomaly	corrosion	PR #1						6.40	N	9.307	05:05	EXT					21	54	3.44	2.96	34	16	AXGR	0.76	0.69	
22017.249	193320.469	575303.898	366.676	anomaly	corrosion							6.40	N	10.081	06:59	EXT					4	10	0.66	5.74	34	63	GENE	0.69		
22017.431	193320.645	575303.856	366.691	anomaly	dent plain	reduced accuracy						6.35	N	10.263	04:20	INT	inw	0.7%	80	143										
22018.011	193321.207	575303.720	366.739	anomaly	corrosion							6.40	N	10.843	10:12	EXT					7	15	0.98	5.42	22	16	PITT	0.69		
22018.011	193321.207	575303.720	366.739	anomaly	corrosion							6.40	N	10.843	00:38	EXT					10	23	1.46	4.94	24	24	PITT	0.70	0.62	
22018.097	193321.290	575303.700	366.746	anomaly	corrosion							6.40	N	10.929	00:52	EXT					9	19	1.19	5.21	20	24	PITT	0.69		
22018.149	193321.340	575303.688	366.750	anomaly	corrosion							6.40	N	10.981	05:32	EXT					6	11	0.69	5.71	18	24	PITT	0.69		
22018.227	193321.416	575303.670	366.757	anomaly	corrosion							6.40	N	11.059	05:39	EXT					4	13	0.84	5.56	56	39	GENE	0.71		
22018.329	193321.515	575303.646	366.764	anomaly	corrosion cluster							6.35	N	11.161	05:18	EXT					7	38	2.41	3.94	192	48	GENE	1.10	0.81	
22018.577	193321.755	575303.588	366.783	anomaly	corrosion							6.40	N	11.409	05:38	EXT					10	31	1.96	4.44	56	16	AXGR	0.75	0.67	
22018.655	193321.831	575303.570	366.788	anomaly	corrosion cluster			80																						



Log distance [m]	GPS			Feature type and ID				Reference joint				Joint global geometry		Feature location on joint			Anomaly sizing and further information												
	Easting [m]	Northing [m]	Height [m]	Feature type	Feature identification	Comment	Cluster ID	Girth weld Nr	Joint manufacturing type	Joint / component length [m]	Internal diameter [mm]	wall thickness [mm]	Ovality [%]	Bend Y/N	Abs. Dist. to upstream weld [m]	Clock position seam weld / anomaly	Surface location [INT / EXT / MID / N/A]	Deformations				Cracks and metal losses							
																		Inward/outward	depth / height [%] / [mm]	Length [mm]	Width [mm]	Mean depth [%]	Max. depth [%]	Max. depth [mm]	rem. t [mm]	Length [mm]	Width [mm]	Anomaly dimension classification	ERF B31 G (metal losses)
25126.062	196337.011	574754.364	417.202	anomaly	corrosion						6.30	N	1.858	01:56	EXT					4	11	0.68	5.62	58	64	GENE	0.70		
25126.298	196337.209	574754.233	417.203	anomaly	corrosion						6.30	N	2.094	01:56	EXT					4	18	1.15	5.15	442	80	GENE	0.83		
25131.993	196341.961	574751.061	417.204	anomaly	corrosion						6.30	N	7.789	01:48	EXT					2	8	0.53	5.77	98	64	GENE			
25132.110	196342.059	574750.995	417.204	anomaly	corrosion cluster	GWA	102				6.31	N	7.906	01:29	EXT					2	13	0.82	5.49	552	95	GENE	0.78		
25132.673	196342.527	574750.679	417.201	weld	-						6.29	N																	
27261.928	198364.474	574512.345	446.424	weld	-			22890	longitudinal seam	0.826	260.52	6.29	N																
27268.351	198370.831	574512.137	447.217	anomaly	dent plain			24750	longitudinal seam	12.537	260.66	6.22	0.4	N															
27272.043	198374.488	574511.998	447.642	anomaly	corrosion						6.20	N	10.115	04:52	EXT														
27274.465	198376.888	574511.897	447.901	weld	-			24760	longitudinal seam	6.019	260.66	6.22	N																
27739.187	198835.264	574470.549	428.848	weld	-			25210	longitudinal seam	12.509	260.50	6.30	N																
27741.361	198837.392	574470.327	428.513	anomaly	corrosion	further indications					6.30	N	2.174	06:06	EXT							5	10	0.65	5.65	20	16	PITT	0.69
27743.051	198839.043	574470.151	428.242	anomaly	corrosion						6.30	N	3.864	05:11	EXT							6	15	0.94	5.36	28	39	PITT	0.69
27745.432	198841.367	574469.897	427.845	anomaly	corrosion						6.30	N	6.245	05:02	EXT							9	32	2.04	4.26	100	39	GENE	0.79
27745.606	198841.537	574469.878	427.816	anomaly	corrosion						6.30	N	6.419	08:08	EXT							4	8	0.50	5.80	20	55	CIGR	
27749.143	198844.987	574469.489	427.223	anomaly	corrosion						6.30	N	9.956	02:43	EXT							6	10	0.62	5.68	16	16	PITT	0.68
27751.213	198847.008	574469.257	426.888	anomaly	corrosion						6.30	N	12.026	02:35	EXT							7	11	0.68	5.62	12	16	PITT	0.68
27751.696	198847.480	574469.202	426.811	weld	-			25220	longitudinal seam	12.457	260.48	6.31	N																
27814.094	198909.050	574462.104	425.144	weld	-			25270	longitudinal seam	12.485	260.52	6.29	N																
27814.607	198909.555	574462.048	425.206	anomaly	corrosion						6.30	N	0.513	05:59	EXT							9	25	1.59	4.71	46	40	GENE	0.72
27814.729	198909.675	574462.035	425.220	anomaly	corrosion						6.30	N	0.635	05:46	EXT							7	29	1.80	4.50	126	48	GENE	0.79
27816.257	198911.179	574461.867	425.405	anomaly	corrosion						6.30	N	2.163	05:53	EXT							4	7	0.47	5.83	22	32	PITT	
27816.529	198911.447	574461.837	425.439	anomaly	corrosion	further indications					6.30	N	2.435	06:00	EXT							4	13	0.79	5.51	56	31	GENE	0.71
27817.244	198912.150	574461.759	425.528	anomaly	corrosion						6.30	N	3.150	02:16	EXT							4	11	0.71	5.59	52	80	GENE	0.70
27817.318	198912.223	574461.751	425.538	anomaly	corrosion						6.30	N	3.224	02:22	EXT							4	9	0.56	5.74	34	32	GENE	
27817.376	198912.280	574461.745	425.545	anomaly	corrosion						6.30	N	3.282	02:36	EXT							4	12	0.74	5.56	56	95	GENE	0.70
27818.248	198913.138	574461.649	425.655	anomaly	corrosion						6.30	N	4.154	11:06	EXT							6	19	1.21	5.09	66	40	GENE	0.72
27818.528	198913.413	574461.619	425.691	anomaly	corrosion						6.30	N	4.434	04:20	EXT							10	16	1.00	5.30	14	16	PITT	0.69
27826.579	198921.326	574460.744	426.775	weld	-			25280	longitudinal seam	12.425	260.40	6.35	N																
28163.534	199255.015	574424.221	438.080	weld	-			25590	longitudinal seam	12.507	260.42	6.34	N																
28168.516	199259.961	574423.702	438.374	anomaly	corrosion						6.40	N	4.982	07:18	EXT							5	9	0.60	5.80	20	16	PITT	
28168.662	199260.105	574423.687	438.383	anomaly	corrosion	further indications					6.40	N	5.128	07:19	EXT							3	8	0.54	5.86	48	24	AXGR	
28169.336	199260.774	574423.617	438.428	anomaly	corrosion						6.40	N	5.802	06:29	EXT							7	16	1.01	5.39	28	31	PITT	0.69
28169.516	199260.953	574423.598	438.440	anomaly	corrosion						6.40	N	5.982	06:56	EXT							5	12	0.75	5.65	24	32	PITT	0.69
28169.602	199261.038	574423.589	438.445	anomaly	corrosion						6.40	N	6.068	07:37	EXT							10	17	1.07	5.33	14	16	PITT	0.69
28170.201	199261.632	574423.526	438.485	anomaly	corrosion						6.40	N	6.667	07:33	EXT							6	13	0.84	5.56	28	16	PITT	0.69
28170.315	199261.745	574423.514	438.493	anomaly	corrosion						6.40	N	6.781	07:33	EXT							6	16	1.01	5.39	40	40	GENE	0.70
28170.485	199261.914	574423.497	438.504	anomaly	corrosion						6.40	N	6.951	07:54	EXT							6	9	0.60	5.80	12	31	CIGR	
28170.945	199262.370	574423.447	438.539	anomaly	corrosion						6.40	N	7.411	07:48	EXT							5	8	0.54	5.86	16	16	PITT	
28171.555	199262.975	574423.382	438.587	anomaly	corrosion						6.40	N	8.021	07:31	EXT							4	13	0.84	5.56	58	48	GENE	0.71
28171.893	199263.310	574423.346	438.613	anomaly	corrosion						6.40	N	8.359	07:05	EXT							5	14	0.92	5.48	60	56	GENE	0.71
28172.541	199263.952	574423.276	438.664	anomaly	corrosion						6.40	N	9.007	07:00	EXT							5	11	0.72	5.68	26	24	PITT	0.69
28172.943	199264.350	574423.233	438.700	anomaly	corrosion						6.40	N	9.409	07:28	EXT							4	9	0.57	5.83	30	16	PITT	
28174.132	199265.527	574423.104	438.805	anomaly	corrosion						6.40	N	10.598	07:50	EXT							8	11	0.72	5.68	12	16	PITT	0.68
28174.576	199265.967	574423.056	438.845	anomaly	corrosion						6.40	N	11.042	06:43	EXT							6	11	0.69	5.71	16	16	PITT	0.68
28175.344	199266.727	574422.971	438.916	anomaly	corrosion						6.30	N	11.810	08:54	EXT							8	29	1.80	4.50	82	40	GENE	0.77
28175.532	199266.913	574422.951	438.933	anomaly	corrosion						6.40	N	11.998	08:52	EXT							12	30	1.90	4.50	32	24	PITT	0.71
28175.702	199267.081	574422.932	438.949	anomaly	corrosion						6.40	N	12.168	08:52	EXT							7	30	1.90	4.50	146	48	GENE	0.80
28176.041	199267.416	574422.894	438.981	weld	-			25600	longitudinal seam	12.501	260.20	6.45	N																
28604.639	199692.208	574371.836	457.807	weld	-	קטע 8 התחלה																							





