

**SPP TLR 5 Investigation Report**  
**Flowgate 5354**  
**(Randall-Palo Duro 115kV for the loss of Amarillo-Swisher 230kV)**  
**TLR Level 5: August 5-7, 2009**  
**Report Issued: August 28, 2009**

**1. Description of purpose/cause of hold/curtailment.**

This report is submitted in accordance with the NERC Transmission Loading Relief Investigation Procedure for the Level 5 TLR event that occurred on Flowgate 5354 on August 5-7, 2009. Flowgate 5354 is an SPP flowgate. The Level 5 TLR was in effect from 23:00 on August 5 until 6:00 CST on August 6 and again from 10:00 until 11:00 on August 6, 2009. The TLR event reached a level 5 again from 21:35 on August 6 until 5:00 on August 7, 2009. Projected post-contingent flows on the Randall – Palo Duro 115 kV line exceeded the SOL. This flowgate was created in response to a request from the balancing authority due to an equipment rating decrease which in turn caused thermal loading concerns. The rating is based on the limit within the substation.

**2. Facility/flowgate limitations and flows at the time the TLR was initiated.**

At the time the first Level 5A TLR was issued, the Limiting Element was rated at 99 MVA. Flow on the Limiting Element was 61 MVA. Flow on the Contingent Element was 170 MVA. The LODF was approximately 20%. Post-contingent flow on the Limiting Element was approximately 91 MVA. When the second Level 5A TLR was issued, flow on the Limiting Element was 54 MVA. Flow on the Contingent Element was 150 MVA. Post-contingent flow on the Limiting Element was approximately 84 MVA. At the time the Level 5B TLR was issued, flow on the Limiting Element was 63 MVA. Flow on the Contingent Element was 184 MVA. Post-contingent flow on the Limiting Element was approximately 100 MVA.

**3. TLR levels, timing, and relief requested amounts.**

TLR levels, timing and relief requested amounts are shown in the Event History and NERC TLR Log on pages 3-7.

**4. Transmission and generation outages or changes from prediction that may have contributed.**

There were no unplanned outages that contributed to this TLR.

**5. Procedures implemented prior to hold/curtailment.**

There were no non-firm transactions that impacted the flowgate by more than 5%. The TLR was escalated to a Level 5 in order to curtail firm transactions and firm market flow to alleviate loading on the flowgate.

**6. The initial investigation shall compare all transaction curtailment lists as generated by the IDC with the list of transactions flowing as determined by the IDC (Whole Transaction Lists) both before and after curtailment. The reasons for any transactions that were excluded from curtailment shall be provided. For those transactions not curtailed, the Reliability Authority will identify those entities and any affiliation with said entities.**

There were no known transactions excluded from curtailment for this TLR.

**7. List of known transactions not in the IDC with Transaction Contribution Factors greater than the curtailment threshold and actions taken to curtail such transactions.**

There were no known transactions not in the IDC.

**8. Excerpts from the RA Operations Log containing information relevant to the TLR event.**

Information was provided to Reliability Coordinators through the IDC and the RCIS. Also the SPP Reliability Coordinators logged information describing the actions taken at each issuance of the TLR, see page 8-9. Times in the RC Log are CDT.

**9. Flowgate limitations as identified by security analysis processes conducted by the Reliability Authority for the day prior to the TLR event.**

The next day process did not indicate an issue with this flowgate based upon conditions at the time of the daily peak.

**10. State Estimator snapshots and security analysis, including any contingency analysis or stability analysis, along with any other recorded data indicating need for TLR.**

The SPP Reliability Coordinator was monitoring their state estimator, RTCA and RTLODF applications for current flowgate loading and other potential issues during this time. eDNA data historian recorded all line flows before, during and after the Level 5 TLR event, see page 10.

**11. ATC limitations before, during, and after the TLR event.**

SPP Tariff Administration grants transmission service using an AFC process. This process evaluates each transmission request on a case by case basis. SPP Tariff Administration was not granting any transmission requests that impacted the congested flowgate by 3 % or greater at the time of the Level 5 TLR.

**12. Description of actions taken to avoid future hold/curtailments.**

This TLR was caused by a combination of generation patterns, load, and system flows coupled with a facility derating. This facility has been in TLR frequently since the derate in October 2008. Loading sometimes requires escalating to a Level 5 TLR in order to obtain sufficient relief to reduce overloads. There are currently no plans to uprate this facility; however, a permanent reconfiguration option has been studied, and a new operation guide is being developed to alleviate loading on the flowgate.

**13. Provide IDC generated Congestion Management Reports showing transaction curtailment list and Control Area NNL (network and native load) curtailment responsibility.**

Congestion Management Reports for each issuance of the TLR have been reviewed and are archived in the IDC. These screen shots have not been included to reduce the size of this report.

**14. Re-dispatch actions taken.**

SPP EIS Market redispatch was implemented during the entire TLR event. Firm Market Flow was reduced on the flowgate as reported in the TLR Event History and NERC TLR Log on pages 3-7.

## TLR Event History

### 5354 - RANPALAMASWI

Status	TLR Level	TLR Date (CST)	TLR Confirm Time (CST)	Run Time (CST)	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
								Tags	MW
<a href="#">SUPERSEDED</a>	3B	08/05/2009 20:20	08/05/2009 20:07	08/05/2009 20:06:44	30.0	30.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/05/2009 22:00	08/05/2009 21:29	08/05/2009 21:29:17	28.0	28.0	0.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/05/2009 23:00	08/05/2009 22:11	08/05/2009 22:11:13	20.0	0.0	20.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/05/2009 23:00	08/05/2009 22:27	08/05/2009 22:26:59	16.0	0.0	16.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 00:00	08/05/2009 23:29	08/05/2009 23:28:37	24.0	0.0	24.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 01:00	08/06/2009 00:27	08/06/2009 00:26:50	50.0	0.0	50.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 02:00	08/06/2009 01:26	08/06/2009 01:25:50	46.0	0.0	46.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 03:00	08/06/2009 02:26	08/06/2009 02:25:52	43.0	0.0	43.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 04:00	08/06/2009 03:26	08/06/2009 03:25:40	48.0	0.0	48.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 05:00	08/06/2009 04:26	08/06/2009 04:25:51	42.0	0.0	42.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 06:00	08/06/2009 05:28	08/06/2009 05:27:41	110.0	89.0	21.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 07:00	08/06/2009 06:26	08/06/2009 06:26:23	86.0	70.0	16.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 08:00	08/06/2009 07:28	08/06/2009 07:27:29	70.0	58.0	12.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 09:00	08/06/2009 08:28	08/06/2009 08:26:26	42.0	42.0	0.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 10:00	08/06/2009 09:29	08/06/2009 09:28:28	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 11:00	08/06/2009 10:32	08/06/2009 10:31:49	36.0	36.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 12:00	08/06/2009 11:27	08/06/2009 11:27:24	34.0	34.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 13:00	08/06/2009 12:32	08/06/2009 12:30:32	33.0	33.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 14:00	08/06/2009 13:28	08/06/2009 13:28:23	28.0	28.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 15:00	08/06/2009 14:28	08/06/2009 14:27:48	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 16:00	08/06/2009 15:29	08/06/2009 15:28:38	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 17:00	08/06/2009 16:26	08/06/2009 16:26:18	28.0	28.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 18:00	08/06/2009 17:27	08/06/2009 17:26:39	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 19:00	08/06/2009 18:26	08/06/2009 18:25:48	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 20:00	08/06/2009 19:26	08/06/2009 19:26:01	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	08/06/2009 21:00	08/06/2009 20:26	08/06/2009 20:25:55	7.0	7.0	0.0	0	0
<a href="#">SUPERSEDED</a>	5B	08/06/2009 21:35	08/06/2009 21:26	08/06/2009 21:26:04	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	5B	08/06/2009 22:40	08/06/2009 22:26	08/06/2009 22:26:09	0.0	0.0	14.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/06/2009 23:00	08/06/2009 22:30	08/06/2009 22:30:00	27.0	0.0	27.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/07/2009 00:00	08/06/2009 23:26	08/06/2009 23:26:05	38.0	0.0	38.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/07/2009 01:00	08/07/2009 00:26	08/07/2009 00:25:39	41.0	0.0	41.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/07/2009 02:00	08/07/2009 01:26	08/07/2009 01:25:40	43.0	0.0	43.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/07/2009 03:00	08/07/2009 02:26	08/07/2009 02:25:50	40.0	0.0	40.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/07/2009 04:00	08/07/2009 03:26	08/07/2009 03:25:53	37.0	0.0	37.0	0	0
<a href="#">SUPERSEDED</a>	5A	08/07/2009 05:00	08/07/2009 04:26	08/07/2009 04:25:34	40.0	0.0	40.0	0	0
<a href="#">TERMINATED</a>	0	08/07/2009 05:00	08/07/2009 04:59	08/07/2009 04:58:58	0.0	0.0	0.0	0	0



Aug 06 02:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 23.0 20.0 0.0 <b>43.0</b>	0.0 23.0 20.0 0.0 <b>43.0</b>	59	92	163	N/A
Aug 06 03:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 26.0 23.0 0.0 <b>48.0</b>	0.0 25.0 23.0 0.0 <b>48.0</b>	56	90	169	N/A
Aug 06 04:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 37.0 5.0 0.0 <b>42.0</b>	0.0 37.0 5.0 0.0 <b>42.0</b>	56	90	170	N/A
Aug 06 05:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 21.0 0.0 <b>21.0</b>	0.0 21.0 0.0 <b>21.0</b>	50	79	145	N/A
Aug 06 06:26	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 16.0 0.0 <b>16.0</b>	0.0 16.0 0.0 <b>16.0</b>	56	88	161	N/A
Aug 06 07:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 12.0 0.0 <b>12.0</b>	0.0 12.0 0.0 <b>12.0</b>	59	93	169	N/A
Aug 06 08:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	58	92	168	N/A
Aug 06 09:29	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 0.0 <b>0.0</b>	54	84	150	N/A
Aug 06 10:32	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	199	261	308	N/A
Aug 06 11:27	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	58	90	160	N/A
Aug 06 12:32	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	57	88	154	N/A
Aug 06 13:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	59	93	167	N/A

Aug 06 14:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	57	89	161	N/A
Aug 06 15:29	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	56	89	162	N/A
Aug 06 16:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	57	90	163	N/A
Aug 06 17:27	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	59	95	179	N/A
Aug 06 18:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	58	92	169	N/A
Aug 06 19:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	59	93	169	N/A
Aug 06 20:28	TLR 3A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	58	91	165	N/A
Aug 06 21:28	TLR 5B	CURRENT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 7.0 <b>7.0</b>	0.0 0.0 7.0 <b>7.0</b>	63	100	184	N/A
		NEXT	NONE	NONE	NONE							
Aug 06 22:28	TLR 5B	CURRENT	NONE	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 30.0 0.0 <b>30.0</b>	0.0 30.0 0.0 <b>30.0</b>	57	89	159	N/A
		NEXT	NONE	NONE	NONE							
Aug 06 22:30	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 0.0 27.0 0.0 <b>27.0</b>	0.0 0.0 27.0 0.0 <b>27.0</b>	57	89	159	N/A
Aug 06 23:28	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 1.0 37.0 0.0 <b>38.0</b>	0.0 1.0 37.0 0.0 <b>38.0</b>	57	87	150	N/A
Aug 07 00:28	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 8.0 33.0 0.0 <b>41.0</b>	0.0 8.0 33.0 0.0 <b>41.0</b>	58	89	154	N/A

Aug 07 01:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 9.0 34.0 0.0 <b>43.0</b>	0.0 9.0 34.0 0.0 <b>43.0</b>	54	84	151	N/A
Aug 07 02:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 9.0 31.0 0.0 <b>40.0</b>	0.0 9.0 31.0 0.0 <b>40.0</b>	53	83	151	N/A
Aug 07 03:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 9.0 28.0 0.0 <b>37.0</b>	0.0 9.0 28.0 0.0 <b>37.0</b>	53	83	152	N/A
Aug 07 04:26	TLR 5A	NEXT	NONE	NONE	ED-2 ED-6 FIRM-7 FIRM-CREDIT <b>Total</b>	SWPP SWPP SWPP SWPP	0.0 27.0 13.0 0.0 <b>40.0</b>	0.0 27.0 13.0 0.0 <b>40.0</b>	51	81	148	N/A
Aug 07 04:59	TLR 0	CURRENT	NONE	NONE	NONE				53	84	154	N/A

### TLR Schedule Totals

Priority	Schedule			
	Total Tags Cut / Hold	IDC Cut MW	RC Cut Acknowledge MW	Hold MW
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPP	ED-2	0.0	0.0
	ED-6	301.0	301.0
	FIRM-7	340.0	340.0
<b>Total for SWPP</b>		<b>641.0</b>	<b>641.0</b>
<b>Total</b>		<b>641.0</b>	<b>641.0</b>

	A	B	C	D	E	F
44	<b>Reliability Log for August, 5</b>			<b>2009</b>		
45	Time	Initials	Comments			
59	2106	WRG	Issued TLR level 3B on RanPalAmaSwi flgt #5354			
60	2229	WRG	Issued TLR level 3A on RanPalAmaSwi flgt #5354			
61	2311	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
62	2326	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
63						
64	<b>Reliability Log for August, 6</b>			<b>2009</b>		
65	Time	Initials	Comments			
66	0028	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
67	0126	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
68	0225	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
69	0325	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
70	0425	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
71	0525	WRG	Issued TLR level 5A on RanPalAmaSwi flgt #5354	5A for Feasibility.		
72	0627	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354 .			
73	0726	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354			
74	0827	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354			
75	0926	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354			
76	1028	LWB	Issued TLR level 5A on RanPalAmaSwi flgt #5354.	5A for Feasibility.		
77	1131	LWB	Issued TLR level 3A on RanPalAmaSwi flgt #5354..			
78	1227	LWB	Issued TLR level 3A on RanPalAmaSwi flgt #5354..			
79	1330	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
80	1428	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
81	1527	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
82	1726	LWB	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
83	1826	WRG	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
84	1925	WRG	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
85	2026	WRG	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
86	2125	WRG	Re-issued TLR level 3A on RanPalAmaSwi flgt #5354..			
87	2226	WRG	Re-issued TLR level 5B on RanPalAmaSwi flgt #5354..	For Feasility reasons		
88	2330	WRG	Re-issued TLR level 5A on RanPalAmaSwi flgt #5354..	For Feasility reasons		
89						

	A	B	C	D	E	F
90	<b>Reliability Log for August, 7</b>			<b>2009</b>		
91	Time	Initials	Comments			
92	0125	WRG	Re-issued TLR level 5A on RanPalAmaSwi flgt #5354.. For Feasility reasons			
93	0225	WRG	Re-issued TLR level 5A on RanPalAmaSwi flgt #5354.. For Feasility reasons			
94	0325	WRG	Re-issued TLR level 5A on RanPalAmaSwi flgt #5354.. For Feasility reasons			
95	0425	WRG	Re-issued TLR level 5A on RanPalAmaSwi flgt #5354.. For Feasility reasons			
96	0525	WRG	Re-issued TLR level 5A on RanPalAmaSwi flgt #5354.. For Feasility reasons			
97	0558	LWB	Issued TLR level 0 on RanPalAmaSwi flgt #5354.			
109						
110						

5354 - 8/5/09-8/7/09

