Primary Cable Failure Report (page 1 of 3)

This spreadsheet needs to be filled out whenever a Network Primary cable fails.
It will be used as a database to track and analyze cable failures.

These people will do the following tasks in this order:

Crew chief: Whenever possible, **Cuts** 3' cable sample **& fills out** items 1 thru 14 on page 1 & **sends** this sheet & sample to Standards Quality Assurance Engineer at mail stop S-17 (or deliver to Building SSC-B, Room 116B).

Standard's Quality Assurance Engineer: Fills out items 15 thru 25 on page 2 by examining the 3' cable sample.

Network Engineering's LDFL engineer: Fills out items 26 thru 33 on page 2.

<<<---- Items **1 thru 14** will be filled out by **crew chief** who inspects the failure site. ---->>>>

Crew Chief's Name: .....

1	2	3	4	5	6	7	8	9	10	11
FAILURE DATE	FDR NO.	Did it fail during(DC-test or Serv.)?	Did it fail in MH / Vlt or duct?	If failed in MH/VLT, provide MH #.	If Splice failed, specify WYE or STR or 4-way?	If Splice failed, was it heat shrink, taped or modular?	If a taped Splice, provide Tape info.	If failed in duct, specify btwn whch MH's	DUCT Type & Size	Was water in MH or duct ?

Item 12	Item 13	Item 14) Crew chief's opinion on possible cause of the failure (per above observations)
Provide cable manufacturer and the year, if both are labeled on the jacket.	Did you cut a 3' sample ? **(Y/N)**	

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Cable Failure Report Flow Diagram

CREW CHIEF → STANDARDS QA ENG. → NETWORK LDFL ENG ← ALL INQUIRIES

standards coordinator — Brett Hanson

standards supervisor — John Shipek

unit director — Pamela S. Johnson

Primary Cable Failure Report (page 2 of 3)

<- Items **15 thru 25** will be filled out by **Standard's engineer** who inspects the cable sample in the lab. -

	15	16	17	18	19	20	21	22	23	24
Failure Date & Fdr #	Cable Size	Cable Shape	Manufac. By	YEAR Manufa.	Insul. semicon Peel strength AND Type	Insulation Thickness AND TYPE	Conductor semi con Thickness AND Type	Cond. OD	Conduc. NO. of Strands	Was water in the sample ?

Item 25 Standards QA Engineer additional comments

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Primary Cable Failure Report (page 3 of 3)

<<-- Items **26 thru 33** will be filled out by the **LDFL engineer** (for the failure site).-->>

	26	27	28	29	30	31	32
Failure Date & Fdr #	LDFL Ampacity	USamp Ampacity	All Time High LDFL loading ?	The most recent Extract loading ?	Is steam in the vicinity ?	LDFL inst. WORK ORDER NO. & YR	FAILURES ON THIS FDR OVER 5 YRS ?

Item 33 Network LDFL Engineer additional comments

(HZ 4/27/98, 7/21/98)

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