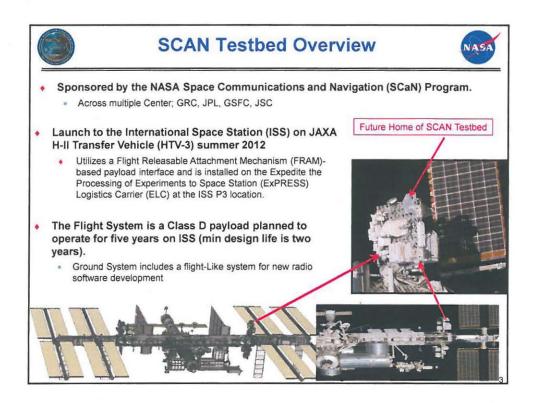
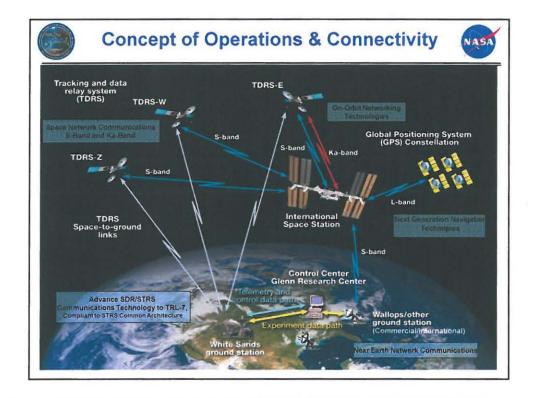


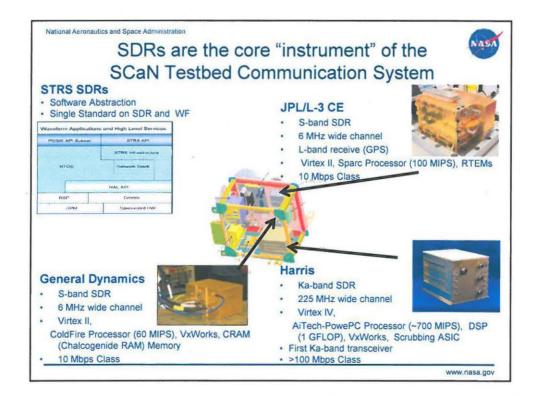


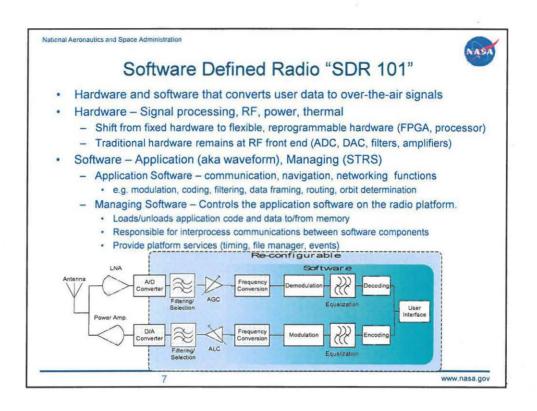
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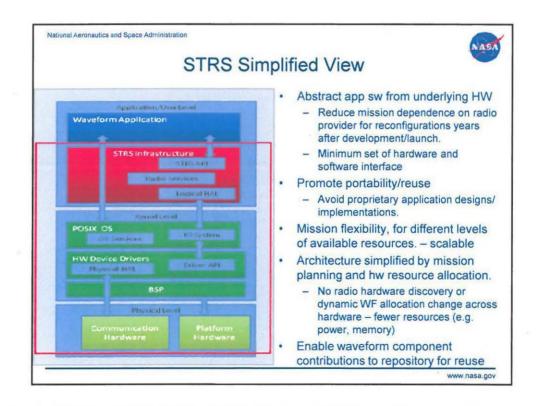


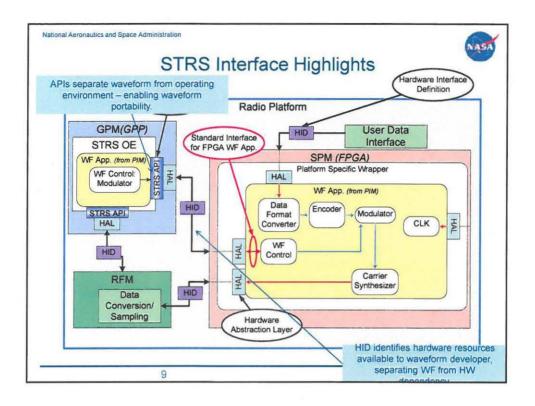


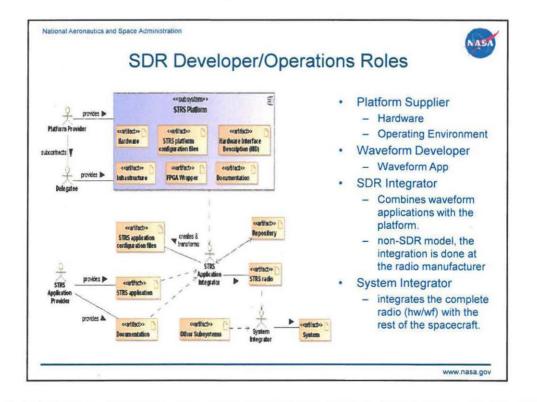




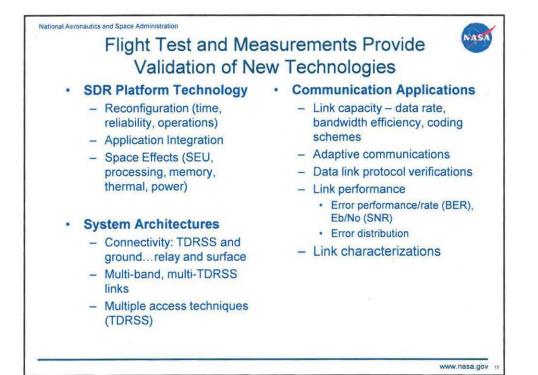


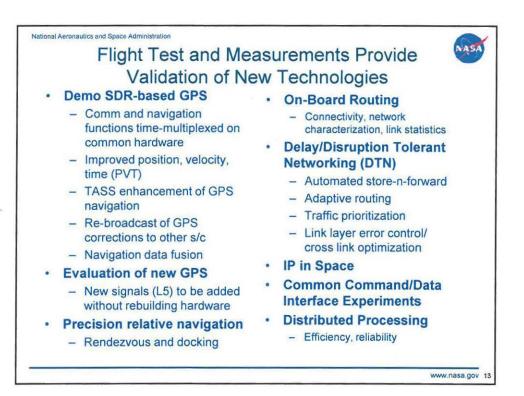


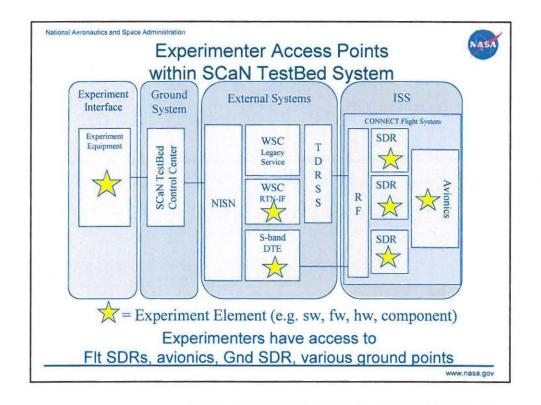


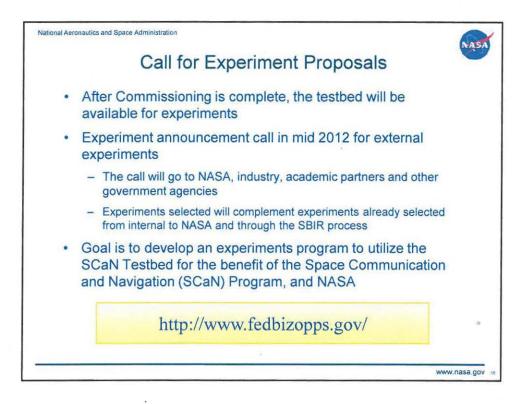


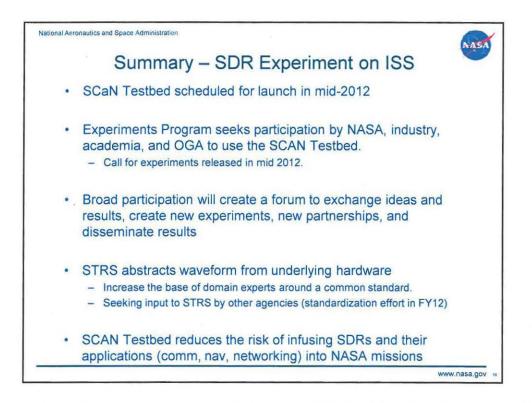
			unch Cap		Wavefo		
TDRSS Mode	Platform Provider	Waveform Provider	Transmit (Return) Link		Receive (Forward) Link		
			Modulation	User Data Rate (kbps)	De- modulation	User Data Rate (kbps)	Coding/ Decoding
S-band DG1, Mode 1	GD	GD	SQPN	24, 192	QPSK	18, 72	Rate 1/2 Viterbi
S-band DG1, Mode 2	GD	GD	SQPN	24, 192	QPSK	18, 72	Rate 1/2 Viterbi
S-band DG1, Mode 3	GD	GD	QPSK	<1000	QPSK	1000	Rate 1/2 Viterbi
S-band DG2	GD	GD	SQPSK	<1000	QPSK	1000	Rate 1/2 Viterbi
S-band DG1 Mode 2	JPL	GRC/GSFC	BPSK	24	BPSK	18	Rate 1/2 Viterbi
S-band DG2	JPL	GRC/GSFC	BPSK	192	BSPK	155	Rate 1/2 Viterbi
Ka-band DG2	Harris	Harris	SQPSK	100 Mbps 12.5 Mbps	BPSK	12.5 Mbps 3 Mbps	Rate 1/2 Viterbi

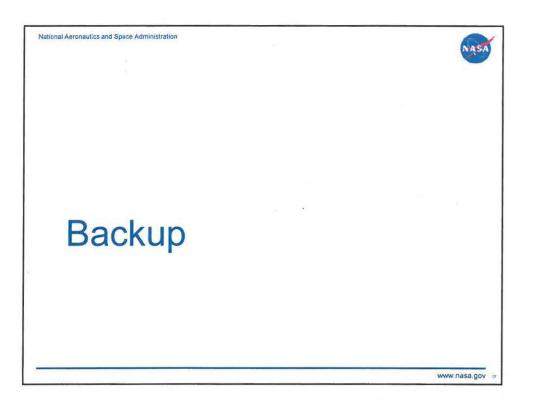


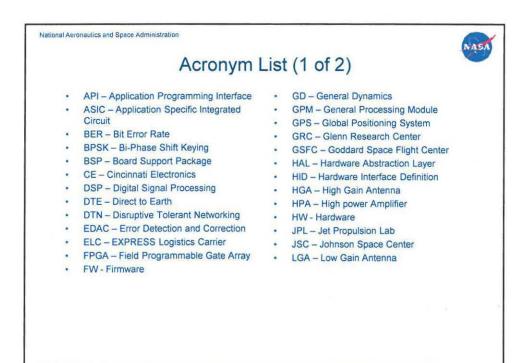












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