

Appendix 4
Interface Inventory for Data Group, 3/18/98

From #	To #	From Name	To Name	Interface Name	Comments
24	31	Router	Data Extractor	SMPTE 170M	Analog NTSC:
24	31	Router	Data Extractor	SMPTE 12M	Analog NTSC: Time Code
24	31	Router	Data Extractor	EIA 608	Analog NTSC: Closed Captions, XDS, Text Modes
24	31	Router	Data Extractor	EIA 744	Analog NTSC: Parental Guidance
24	31	Router	Data Extractor	EIA 746 being re-examined	Analog NTSC: URL
24	31	Router	Data Extractor	EIA 752	Analog NTSC: TSID
24	31	Router	Data Extractor	Nielson AGN402- 1193-024 & AMOL 2	Analog NTSC: AMOL & Prop Audience measure data
24	31	Router	Data Extractor	SMPTE 259M	Analog NTSC:
24	31	Router	Data Extractor	SMPTE 170M	601:
24	31	Router	Data Extractor	SMPTE 12M	601: Time Code
24	31	Router	Data Extractor	EIA 608	601: Closed Captions, XDS, Text Modes
24	31	Router	Data Extractor	EIA 744	601: Parental Guidance
24	31	Router	Data Extractor	EIA 746 being re-examined	601: URL
24	31	Router	Data Extractor	EIA 752	601: TSID
24	31	Router	Data Extractor	Nielson AGN402- 1193-024 & AMOL 2	601: AMOL & Prop Audience measure data
24	31	Router	Data Extractor	SMPTE 259M	601:
24	31	Router	Data Extractor	SMPTE 291M	601: ANC Data
24	31	Router	Data Extractor	SMPTE RP-188	601: Video Index
24	31	Router	Data Extractor	SMPTE 170M	Digital Composite:
24	31	Router	Data Extractor	SMPTE 12M	Digital Composite: Time Code
24	31	Router	Data Extractor	EIA 608	Digital Composite: Closed Captions, XDS, Text Modes
24	31	Router	Data Extractor	EIA 744	Digital Composite: Parental Guidance
24	31	Router	Data Extractor	EIA 746 being re-examined	Digital Composite: URL
24	31	Router	Data Extractor	EIA 752	Digital Composite: TSID
24	31	Router	Data Extractor	Nielson AGN402- 1193-024 & AMOL 2	Digital Composite: AMOL & Prop Audience measure data
24	31	Router	Data Extractor	SMPTE 259M	Digital Composite:

From #	To #	From Name	To Name	Interface Name	Comments
24	31	Router	Data Extractor		Digital Compressed: SDTI
24	31	Router	Data Extractor		Digital Compressed: MPEG-2 4:2:2
24	31	Router	Data Extractor	SMPTE work in progress	Digital Compressed: PSIP
24	31	Router	Data Extractor	EIA 708	Digital Compressed: Closed Caption
24	31	Router	Data Extractor	(needs coordination)	Digital Compressed: Receiver presentation control
31	32	Data Extractor	Data Bridge	SCTE DVS/053	TCP/IP
31	32	Data Extractor	Data Bridge	DCOM	UDP/IP
31	32	Data Extractor	Data Bridge	CORBA	SNMP
31	32	Data Extractor	Data Bridge	ODBC	Serial ASCII
31	32	Data Extractor	Data Bridge	SNMP	
32	33	Data Bridge	Data Inserter	RS-422	
32	33	Data Bridge	Data Inserter	RS-232	
32	33	Data Bridge	Data Inserter	EIA 608	
32	34	Data Bridge	Video Encoder	RS-422	
32	34	Data Bridge	Video Encoder	Ethernet	
32	34	Data Bridge	Video Encoder	RS-232	
32	34	Data Bridge	Video Encoder	EIA 708	Need mapping from UDP to 708
32	34	Data Bridge	Video Encoder		UDP
32	34	Data Bridge	Video Encoder		TCP/IP
32	34	Data Bridge	Video Encoder		SNMP
32	79	Data Bridge	HD Encoder	RS-422	
32	79	Data Bridge	HD Encoder	Ethernet	
32	79	Data Bridge	HD Encoder	RS-232	
32	79	Data Bridge	HD Encoder	EIA 708	Need mapping from UDP to 708
32	79	Data Bridge	HD Encoder		UDP
32	79	Data Bridge	HD Encoder		TCP/IP
32	79	Data Bridge	HD Encoder		SNMP
32	86	Data Bridge	PSIP Management	SCTE DVS/053	TCP/IP
32	86	Data Bridge	PSIP Management	DCOM	UDP/IP
32	86	Data Bridge	PSIP Management	CORBA	SNMP
32	86	Data Bridge	PSIP Management	ODBC	Serial ASCII
32	86	Data Bridge	PSIP Management	SNMP	
32	88	Data Bridge	Data Server	SCTE DVS/053	TCP/IP
32	88	Data Bridge	Data Server	DCOM	UDP/IP
32	88	Data Bridge	Data Server	CORBA	SNMP
32	88	Data Bridge	Data Server	ODBC	Serial ASCII
32	88	Data Bridge	Data Server	SNMP	
70	77	HD Router	Data Extractor	SMPTE work in progress	to identify where data is; see Tower of Router dwg for various formats
70	77	HD Router	Data Extractor	ATSC T3-S17 work in progress	to identify where data is; see Tower of Router dwg for various formats
70	77	HD Router	Data Extractor	ATSC T3-S13 work in progress	to identify where data is; see Tower of Router dwg for various formats
77	32	Data Extractor	Data Bridge	SCTE DVS/053	TCP/IP

From #	To #	From Name	To Name	Interface Name	Comments
77	32	Data Extractor	Data Bridge	DCOM	UDP/IP
77	32	Data Extractor	Data Bridge	CORBA	SNMP
77	32	Data Extractor	Data Bridge	ODBC	Serial ASCII
77	32	Data Extractor	Data Bridge	SNMP	
87	90	CA Management	ATSC Multiplexer		Supply ECM(s) to Multiplexer: 10baseT Ethernet
87	90	CA Management	ATSC Multiplexer		Supply ECM(s) to Multiplexer: IP
87	90	CA Management	ATSC Multiplexer		Supply ECM(s) to Multiplexer: TCP
87	90	CA Management	ATSC Multiplexer		Supply ECM(s) to Multiplexer: Application
87	90	CA Management	ATSC Multiplexer		Supply EMM(s) to Multiplexer: 10baseT Ethernet
87	90	CA Management	ATSC Multiplexer		Supply EMM(s) to Multiplexer: IP
87	90	CA Management	ATSC Multiplexer		Supply EMM(s) to Multiplexer: TCP
87	90	CA Management	ATSC Multiplexer		Supply EMM(s) to Multiplexer: Application
88	32	Data Server	Data Bridge	SCTE DVS/053	TCP/IP
88	32	Data Server	Data Bridge	DCOM	UDP/IP
88	32	Data Server	Data Bridge	CORBA	SNMP
88	32	Data Server	Data Bridge	ODBC	Serial ASCII
88	32	Data Server	Data Bridge	SNMP	