

ADVANCED CONTROL SYSTEMS, INC.
NTU-7500 Series IED/Master Gateway Protocol List

REV. Date: Sept 17, 2007

MASTER/IED Protocol Profiles	F/W P/N	Type	NTX-5/10	Modules Per Model					Notes
				NTU-7575	NTU-7560	NTU-7550	NTU-7530	NTU-7510	
ACS 3000 / ACS 7000 / DNP 3.0 16-bit	P03-1021	IEDGW	N/A	075010/075027	Use 32-bit only	075015 / 14	Use 32-bit only	070228/198	
ACS 3000 / ACS 7000 / DNP 3.0 16-bit	P05-0011	MGW	N/A	075010/075027	Use 32-bit only	075015 / 14	Use 32-bit only	070228 / 198	
ACS 3000 32-bit	P05-1048	MGW	N/A	N/A	075050	N/A	075402	N/A	
ACS 7000 / DNP 3.0 32-bit/VPLC Script	P05-0032	MGW/IEDGW	N/A	N/A	* 075050	N/A	* 075402	070214 / 070250	* Replaced with 05-0084
ACS 7000 / DNP 3.0 32-bit/VPLC Script & Config. Analog Change Detection	P05-0060	MGW/IEDGW	N/A	N/A	075050	N/A	075402	N/A	
ACS 7000 / DNP 3.0 MGW/IEDGW 32-bit/VPLC Script, Cooper 2179 IED, Harris 6000 MGW, L&G8979 MGW, Valmet Series 3/5/NC MGW	P05-0084	MGW/IEDGW	N/A	N/A	075050	N/A	075402	N/A	Replaces 0032, 0070, 1045, and 1047 firmware
ACS/DTE Local Load Management Process, 32-bit	P05-0065	LLC	N/A	N/A	075050	N/A	075402	N/A	
Boeing SDLC 16-bit	P05-1023	MGW	N/A	075010/075027	N/A	075015 / 14	N/A	070228 / 198	NOTE: Only Data Acquisition Functions Implemented
CDC 44-500 Type I 16-bit	P03-1022	IEDGW	N/A	075010/075027	Use 32-bit only	075015 / 14	Use 32-bit only	070228/198	
CDC 44-500, T1/ACS 7000 16-bit	P05-1021	MGW	N/A	075010/075027	N/A	075015 / 14	N/A	070228 / 198	
CDC 44-500 Type I 32-bit	P05-1038	MGW	N/A	N/A	075050	N/A	075402	070214 / 070250	
Conitel C300/C2020 16-bit	P05-1037	MGW	N/A	075010/075027	Use 32-bit only	075015 / 14	Use 32-bit only	070228/198	
Conitel C300/C2020 32-bit	P05-1036	MGW	N/A	N/A	075050	N/A	075402	070214 / 070250	
Coop2179/MJ-3A/GE-SM2-A/DNP 3.0 16-bit	P05-0022	IEDGW	N/A	075010/075027/46	Use 32-bit only	075015 / 14	Use 32-bit only	070228/198	
Coop2179/MJ-3A/GE-SM2-A IED/DNP 3.0 MGW/IED GW 32-bit	P05-0070	MGW/IEDGW	N/A	N/A	* 05050	N/A	* 075402	N/A	* Replaced with 05-0084
DNP 3.0 32-bit TCP/IP Ethernet w/2 serial Ports	P05-0017	MGW/IEDGW	N/A	N/A	N/A	N/A	N/A	070220	Client, Servier, or Both
DNP 3.0 32-bit TCP/IP Ethernet w/2 serial Ports (Serial to Ethernet Bridge capability)	P05-0064	MGW/IEDGW	N/A	N/A	075072	N/A	075404	N/A	Client, Servier, or Both
DNP3.0 Remote Dial-up 16-bit	P05-1028	MGW	N/A	075010	N/A	075015 / 14	N/A	070228/198	
DNP3.0 Combo MGW/IEDGW with VPLC Scripting, 16-bit (NTX-10 with/without AIM)	P05-0050	MGW/IEDGW	NTX-5/10	N/A	N/A	N/A	N/A	N/A	
DNP3.0 MGW/IEDGW, VPLC Scripting/Mailgox, SC-1801,V5.4.1&5.5 MGW / Conitel C2000 MGW / SComm/D IED / SComm/D MGW / PML IED. 32-bit	P05-1034	MGW/IEDGW	N/A	N/A	075050	N/A	075402	070214 / 070250	Combo for DTE & ITC
Expansion Downlink (Host to Outsta.)	P05-0028	LINK	N/A	N/A	N/A	N/A	N/A	070228	
Expansion Downlink (Host to Outsta.)	P05-0036	LINK	N/A	N/A	N/A	N/A	N/A	070228	
Expansion Uplink (Outsta. to Host)	P05-0027	LINK	N/A	N/A	N/A	N/A	N/A	070228	
General Electric GETAC/BETAC MGW, 32-bit	P05-1046	MGW	N/A	N/A	075050	N/A	075402	N/A	
Harris 5000 16-bit	P03-1017	IEDGW	N/A	075010/075027/46	Use 32-bit only	075015 / 14	Use 32-bit only	070228/198	
Harris 5000 16-bit	P05-1016	MGW	N/A	075010/075027	Use 32-bit only	075015 / 14	Use 32-bit only	070228 / 198	
Harris 5000 MGW/DNP3.0 32-bit MGW/IEDGW	P05-0038	MGW/IEDGW	N/A	N/A	075050	N/A	075402	070214 / 070250	Includes NEPCO DNP
Harris 5000 16-bit, 2-port IEDGW	P05-0086	IEDGW	N/A	N/A	N/A	N/A	075470	N/A	
IEC 870-5-103 32-bit	P05-1032	IEDGW	N/A	N/A	075050	N/A	075402	070214 / 070250	
Landis & Gyr 8979 16-bit	P03-1014	IEDGW	N/A	075010/075027/46	Use 32-bit only	075015 / 14	Use 32-bit only	070228/198	
Landis & Gyr 8979 16-bit	P05-1022	MGW	N/A	075010/075027/46	Use 32-bit only	075015 / 14	Use 32-bit only	070228 / 198	
Landis & Gyr 8979 32-bit	P05-1045	MGW	N/A	N/A	*075050	N/A	* 075402	N/A	* Replaced with 05-0084
MODBUS 16-bit	P05-1024	MGW	N/A	075010/075027/46	N/A	075015 / 14	N/A	070228 / 198	
MODBUS 32-bit	P05-1026	IEDGW	N/A	N/A	075050	N/A	075402	070214 / 070250	
MODBUS-16 bit	P05-1014	IEDGW	N/A	075010/075027	Use 32-bit only	075015 / 14	Use 32-bit only	070228 / 198	
MODBUS, PPL Special, 16-bit	P05-4006	MGW	N/A	N/A	N/A	N/A	075470	N/A	
Schlumberger Q200/Q3000 QDIP	P04-1010	IEDGW	N/A	N/A	N/A	075036	N/A	070246	Non-programmable devices
Scientific Columbus JIMI/Transtalker	P05-0037	IEDGW	N/A	075010/075046	N/A	075015 / 14	N/A	070228 / 198	
SNW Scomm/D MGW, 16-bit	P05-1040	MGW	N/A	075010/075027	Use 32-bit only	N/A	Use 32-bit only	Use 32-bit only	For DTE
Valmet III, V, and Vnc, 32-bit	P05-1047	MGW	N/A	N/A	* 075050	N/A	* 075402	N/A	* Replaced with 05-0084
Virtual PLC/Mailbox 16-bit	P05-0034	MGW	N/A	075010/075027/46	Use 32-bit only	075015 / 14	Use 32-bit only	070228 / 198	PLC scripting