	DY181	CTD number *nnn*										
	Step	Notes and output										
N	DatCnv.psa	DY181_CTD_*nnn*.cnv										
M	stn = *n*; ctd_all_part1 mctd_01 mctd_02 mctd_03 mdcs_01 mout_1hz_asc	ctd_dy181_*nnn*_raw*.nc ctd_dy181_*nnn*_24hz.nc ctd_dy181_*nnn*_psal.nc dcs_dy181_*nnn*.nc ctd.*nnn*.02.asc										
M	mdcs_03g(stn)	Select or confirm cast start/bottom/end dcs_dy181_*nnn*.nc										
M	Edits to opt_dy181.m:	a) If Niskins leaking or misfired, add flags under mfir_01 case b) If cast not full-depth, add water dep in best_station_depths case										
M	stn = *n*; ctd_all_part2 mctd_04 mfir_01 mfir_03 mwin_01 mwin_to_fir mfir_to_sam station_summary mdep_01	ctd_dy181_*nnn*_2db.nc ctd_dy181_*nnn*_2up.nc fir_dy181_*nnn*.nc win_dy181_*nnn*.nc sam_dy181_all.nc										
M	stn = *n*; mctd_checkplots											
M	stn = *n*; mctd_rawshow	Look for spikes, bad ranges										
M	mctd_rawedit(stn); mctd_rawedit(stn,'oxy'); %if necessary And/or edits to opt_dy181.m under ctd_proc, rawedit_auto	If edits required ctd_dy181_*nnn*_raw_cleaned.nc										
M	stn = *nnn*; ctd_all_postedit mctd_02 mctd_03 mctd_04 mfir_03 mfir_to_sam mout_1hz_asc	If edits done Updates _24hz, _psal, _2db, _2up, fir, sam, and ctd.nnn.02.asc files. ctd.*nnn*.02.asc										
M	run_proc_ladcp(stn)	Plots and .mat files (inspect plots when finished)										

CTD metadata update and bottle data log

Date/time and station range included	msbe35_01	station_summary; mdep_01(stn) %after LADCP proc	msal_01	moxy_01	mnut_01	mout_cchdo_exchangeform (stn) %and sync to public drive