

NORTHERN HOLIDAY FILM

(20:25)

Sequence ends
(time after film begins)

R/V HORIZON leaving dock, going out channel at San Diego	0:45
Porpoises (close-up)	1:00
Mid-water trawl (includes Isaacs, Menard)	
Rigging, going over side	2:00
Sheave, A-frame, close-ups	2:15
Winch (big)	2:35
Winch (big or hydro?)	2:45
Accumulator and indicator	3:00
Trawl surfacing, being retrieved. Examining specimens; bucket; crustaceans	4:45
Bow wave, rough sea	5:30
Hydrographic cast (Al Smith in bucket)	
Placing bottles on line. Fastening messenger.	
Winch operator; meter wheel.	6:30
Seabird (albatross?) gliding	6:50
Retrieving hydrographic cast	
Bottles reversed	
Large wire angle	7:20
Lab work on water samples (Wooster)	
Reading thermometers	
Drawing water for salinity, oxygen	
Checking salinity	8:30
View forward from top of A-frame	8:50
Horizontal net-tow	
Crew rigging tow-line on boom, hanging angle indicator.	9:10
Assembling net (one-meter orifice)	10:10
Net overside	10:20
Porpoises? (fish?) in distance	10:45
Towing and retrieving net	
Reading inclinometer (to learn depth)	
Retrieving net alongside	
Close-up of meter	
Unsnapping sample jar; Copepods, etc.	12:05
Rough weather	12:15
Rock dredging in rough weather	
(featured players: Menard, Isaacs, Stewart)	
Putting dredge overside aft	13:20
Retrieving dredge	
Extricating and examining rock chips, solitary coral	14:45

Bow wave	14:55
Sunrise	15:10
GEK - reading and marking recorder	15:50
Gravity-coring (long, small barrel)	
Sawing plastic liner	16:20
Rigging ball-breaker; taping in ball	16:50
Shackled in series with corer	17:00
Corer overside and down	17:15
Stewart making notes on operation	17:25
Seabirds (ducks?) on water	17:45
Fathometer (NMC); Stewart logging soundings	18:10
Retrieving gravity-corer	
Removing core.	
Examining core-nose sample	19:15
Bow rising and falling	19:30
Aleutian Islands (near Kodiak)	20:05

THE END