

**CREX Table D** – *List of common sequences*

F	X	CATEGORY OF SEQUENCES	Status
		NONE	

**Category 06 – Meteorological or oceanographic sequences  
common to oceanographic observations**

SEQUENCE	TABLE REFERENCES		ELEMENT NAME	Status
	F	X Y		
D 06 011			(Sequence for representation of tide station identification, method of transmission, time the message is transmitted and reference time for reports in a time series)	Validation
	D 01 021		Latitude, longitude (high accuracy)	
	B 01 075		Tide station alphanumeric ID (5 characters)	
	B 02 147		Method of transmission to collection centre	
	D 01 011		Year, month, day (Time the message is transmitted to the collection centre)	
	D 01 013		Hour, minute, second	
D 06 012			(Sequence for representation of sensor type, significance qualifier for sensor and status of operation)	Validation
	B 02 007		Type of sensor for water level measuring instrument	
	B 08 015		significance qualifier for sensor	
	B 08 032		Status of operation	
	D 06 029		Sample (interval, period, numbers)	
D 06 016			(Sequence for representation of ancillary meteorological data associated with water level data)	Validation
	D 01 011		Year, month, day (Reference date/time for the time series)	
	D 01 013		Hour, minute, second	
	B 10 004		Station level pressure	
	B 10 051		Mean sea level pressure	
	D 02 032		Temperature, humidity, wind	
D 06 026			(Template for tide elevation)	Validation
			Station identification	
	B 01 075		Tide station identification	
	B 01 015		Station or site name	
	D 01 021			
	D 01 011			
	D 01 013			
	R 15 000		Delayed replication of 15 descriptors	
	B 04 016		Time increment (offset) – in seconds	
	B 08 015		Identification of primary or secondary sensor	
	B 02 007		Type of sensor	
	B 22 120		Tide station automated water level check	
	B 22 121		Tide station manual water level check	
	B 04 016		Time increment – in seconds	
	R 08 000		Delayed replication of 8 descriptors	
	B 10 051		Pressure reduced to mean sea level	
	B 22 038		Tidal elevation with respect to local chart datum	
	B 22 040		Meteorological residual tidal elevation (surge or offset)	
	B 04 026		Time period or displacement (averaging period) – in seconds	
	R 03 004		Replicate 3 descriptors 4 times	
	B 08 023		First-order statistics (mean, max., min., standard dev.)	
	B 22 038		Tidal elevation with respect to local chart datum	
	B 22 040		Meteorological residual tidal elevation (surge or offset)	

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### Category 07 – Surface report sequences (land)

SEQUENCE	TABLE REFERENCES		ELEMENT NAME	Status
	F X	Y		
D 07 100			(Synoptic data for national use (Canada))	Validation
	B 04 024			
	R 02 000			
	B 31 000			
	B 13 057			
	B 26 020			
	R 01 000			
	B 31 000			
	B 13 012			
	D 01 012			
	B 04 024			
	R 03 000			
	B 31 000			
	B 02 006			
	B 14 031			
	B 02 006			
	R 04 000			
	B 31 000			
	B 02 175			
	B 13 119			
	B 02 175			
	B 13 120			
	R 07 000			
	B 31 000			
	B 08 021			
	B 04 004			
	B 04 005			
	B 11 001			
	B 08 023			
	B 11 002			
	B 08 021			
	B 04 024			
	D 01 012			

**Category 08 – Surface report sequences (sea)**

SEQUENCE	TABLE REFERENCES		ELEMENT NAME	Status
	F X	Y		
D 08 008			(Report from a buoy observation)	
	D 01	093		Validation
	D 02	062		
	D 02	063		
D 08 014			(Synoptic report from a sea station suitable for SHIP observation data from VOS station)	
	D 01	093	Ship identification, movement, type, date/time, horizontal and vertical coordinates	Validation
	D 02	062	SHIP "instantaneous" data from VOS	
	D 02	063	SHIP "period" data from VOS	

### Category 15 – Oceanographic report sequences

SEQUENCE	TABLE REFERENCES		ELEMENT NAME	Status
	F X	Y		
D 15 006			(Typically reported underwater sounding without optional fields)	Validation
	B 01 011		Ship's call sign	
	D 01 011		Date	
	D 01 012		Time	
	D 01 023		Latitude and longitude (coarse accuracy)	
	D 06 032		Depth, temperature, salinity	