



AUTHORIZATION TO DISCHARGE

Alaska Department of
Environmental
Conservation
Division of Water
CPVEC Program

AUTHORIZATION TO DISCHARGE UNDER THE LARGE COMMERCIAL PASSENGER
VESSEL WASTEWATER DISCHARGE GENERAL PERMIT NO. 2013DB0004

FACILITY ASSIGNED AUTHORIZATION NUMBER: 2013DB0004-0001

GENERAL PERMIT NUMBER: 2013DB0004

See this General Permit for all permit requirements.

The following facility is authorized to discharge in accordance with the terms of the State of Alaska General Permit 2013DB0004 and any specific requirements listed in this authorization.

The authorization effective date is **April 28, 2015**.

The authorization to discharge shall expire at midnight, **on the expiration or termination date of General Permit 2013DB0004 (August 28, 2019)** unless notified by the Department.

The permittee must reapply for an authorization when the Department issues a General Permit that replaces 2013DB0004 if the permittee intends to continue operations and discharges from the facility.

SECTION 1 - RESPONSIBLE PARTY INFORMATION

Issued to:	Magical Cruise Company, Ltd, d/b/a Disney Cruise Line
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SECTION 2 - FACILITY INFORMATION

ADEC File Number:	920.45.034
Authorization Number	2013DB0004-0001
Facility Name:	Disney Wonder
Type of Facility	Large Commercial Passenger Vessel
Type of Wastewater Authorized for Discharge:	Treated Wastewater (Blackwater and Graywater)
Type of Wastewater Treatment System:	Hamworthy AWTS as listed in VSSP
Type of Authorization:	Authorized for underway discharge of wastewater treated through a Hamworthy wastewater treatment system configuration as approved by the Department in the current Vessel Specific Sampling Plan.

SECTION 3 – REGULATED DISCHARGE INFORMATION – EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Effluent Compliance Point:	Wastewater effluent sampling port(s) identified in the Department approved Vessel Specific Sampling Plan.
Effluent Limitations	Table 3 of the General Permit
Special Conditions:	The <i>Disney Wonder</i> is authorized to discharge treated wastewater into Alaska marine waters while underway at speeds above 6 knots.
Monitoring Requirements	Table 5 of the General Permit, and any other applicable monitoring requirements in the General Permit
Discharge Monitoring Report (DMR)	The <i>Disney Wonder</i> must submit a monthly DMR with effluent limits that is available on the Department's website: (http://dec.alaska.gov/water/cruise_ships/gp/2014gp.html) or on a similar form approved by the Department.

SECTION 4 – RECEIVING AREA INFORMATION-RECEIVING WATER

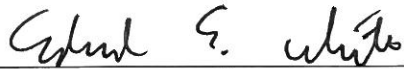
Receiving Area Name:	Marine waters of the state of Alaska as defined in the General Permit
Underway Mixing Zone Description:	63 meters in length, 5 meters in width, and a depth from the water surface to the depth the discharge port is below the water surface plus one meter. The shape of the mixing zone is an elongated rectangle that extends from the discharge port towards the stern of the ship.
Stationary Mixing Zone Description:	N/A
Skagway Discharge at Ore or Broadway Docks	N/A, underway discharge only

SECTION 5 – ADDITIONAL TERMS AND CONDITIONS (GP 4.3.2)

Item	No additional terms or conditions
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If you have any technical questions regarding this authorization or the requirements of the general permit, please contact the Cruise Program Manager at (907) 465-5320.

SECTION 6 – CERTIFICATION/SIGNATURE



Signature
Edward E White

Printed Name

4/28/15

Date
EPS III, CPVEC

Title

**NOTICE OF INTENT FORM****Notice of Intent to be covered under the Wastewater General Permit 2013DB0004 for Large Commercial Passenger Vessels Operating in Alaska (See Sections 2 and 3 of the permit.)**

Submission of this document constitutes a request that certain discharges into marine waters of the state resulting from the operation of the large commercial passenger vessels identified herein be authorized under General Permit 2013-DB0004.

Vessel Owner Information

Who is the main point of contact for the vessel? (e.g. owner, operator, or Alaska Agent):
Owner/Operator

Vessel Owner's Business Name: Magical Cruise Company, Ltd., d/b/a Disney Cruise Line

Mailing Address:

P.O. Box 10299

Lake Buena Vista, FL 32830

Phone: 407-566-7279

Representative: Patrick Gerrity

Email:

Patrick.g.gerrity@disney.com

Vessel Owner's or Operator's Alaska Agent Information

Company Name: Cruise Line Agencies of Alaska

Mailing Address:

1249 Tongass Ave.

Ketchikan, AK 99901

Phone: 907-225-0999

Representative: Bob Berto

Email: Ketchikan@claalaska.com

Vessel Operator's Business Name if Different From the Owner's Business Name

Vessel Operator's Business Name: Same

Mailing Address:

Phone:

Representative:

Email:

Vessel Information (Y/N)	
Are you seeking authorization to discharge with a mixing zone?	No
Are you seeking authorization to discharge while moving at 6 knots or greater?	Yes
Are you seeking authorization to discharge while moving at under 6 knots?	No
Are you seeking authorization to discharge while in Skagway at Broadway or Ore Docks?	No
If the permittee is seeking authorization which includes a mixing zone, attach (may be emailed separately) a drawing to scale that indicates the length of the vessel and the locations of all wastewater effluent penetration points (ports) on the hull.	
Vessel Name:	Disney Wonder
Vessel IMO Number:	9126819
Vessel Gross Tonnage:	83308
Port of Registry:	Nassau/ Bahamas
Maximum Passenger Capacity per Voyage:	2834
Maximum Crew Capacity per Voyage:	920
Vessel Draft ¹ :	8.0
Vessel Length in Meters at Waterline ² :	293.8
Vessel Tracking	
Method of submitting hourly vessel tracking information while in Alaskan waters (Marine Exchange of Alaska AIS or other Department approved method):	
Name, physical address, and mailing addresses of the service:	Marine Exchange of Alaska 1000 Harbor Way, Suite 204 Juneau, AK 99801
Contact's name, email address, and phone number:	Ed Page OPS1@MXAK.org 907-463-2607

¹ Vessel draft under a) loaded condition for Alaska operations (bunkers / waste water storage etc.) and b) under light ship conditions for Alaska operations (bunkers empty / no waste water storage etc.)

² Length of Waterline (LWL) under normal load in standard Alaska conditions.

Discharge Port Characteristics

Note: If there is more than one discharge port attach a sheet with the characteristics below for each AWTS Port. If more than one discharge pump attach sheet with capacity for each.

Discharge Port Name ³ :	Port B	Location (Starboard/Port):	Starboard
Discharge Port Internal Diameter:	6 inches	Discharge Port Centerline Vertical Distance from Keel:	6500 mm
Discharge Port Distance from Bow at Waterline (normal load):	235mt	Discharge Port Centerline Vertical Distance from Waterline (normal load) ⁴ :	1600mm
Discharge Port shape (round, oval, square):	Round	Discharge Port Pump Capacity (m ³ /hr) for each Pump ⁵ :	2 pumps 42m3/hr
Discharge Port Vertical Angle Relative to Waterline ⁶ :	?	Discharge Port Horizontal Angle Relative to Centerline ⁷ :	?

Wastewater Discharge Information

Estimates of the average and maximum volume of the wastewater to be discharged per 24 hour period (in cubic meters), and the beginning and ending dates between which discharges may occur the first year of the permit;	Average:	390 cubic meters
	Maximum:	665 cubic meters
	Startup Date:	5/26/15
	Ending date:	9/6/15

³ Name or identification as used in VSSP and Waste Water Discharge Logbook.

⁴ Vertical distance from the vertical centerline of the discharge port relative to the standard (loaded) conditions waterline.

⁵ Treated wastewater discharge pump for the named discharge port. For vessels with variable speed / capacity pumps identify the effective discharge capacities. For vessels with more than one pump simultaneously operated identify the total effective pump capacities.

⁶ Parallel with the Vertical Longitudinal Center Plane orientation of the hull orientation angle defined as the angle in degrees between the horizontally perpendicular projected line originating from the vertical longitudinal center plane of the hull self to the center of the discharge port, and the projected perpendicular line originating from the port center self (face) vertically directed to the center plane of the hull (Y-Y axis).

⁷ Parallel with the Vertical Longitudinal Center Plane orientation of the hull orientation angle defined as the angle in degrees between the horizontally perpendicular projected line originating from the vertical longitudinal center plane of the hull self to the center of the discharge port, and the projected perpendicular line originating from the port center self (face) horizontally directed to the vertical center plane of the hull (X-X axis).

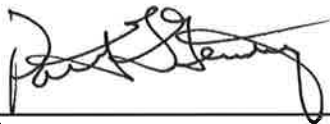
The type, number, and combined maximum design capacity in cubic meters per 24 hour period of all advanced wastewater treatment systems (AWTS) onboard;	Type (s) (including manufacturer, model name, model number, and year built):	Hamworthy MBR
	Number of AWTS:	2
	Combined design capacity:	1200 cubic meters/day
Type(s) of sewage treatment and system capacity in cubic meters per 24 hour period;	Type (s) (including manufacturer, model name, model number, and year built):	
	Combined design capacity:	
Type(s) of graywater treatment and system capacity in cubic meters per 24 hour period;	Type (s) (including manufacturer, model name, model number, and year built):	
	Combined design capacity:	
Average volume of sewage generation per day in cubic meters;	40	
Maximum volume of sewage generation per day in cubic meters;	60	
Average graywater generation per day in cubic meters for the following sources;	Accommodations: 180 Galley:150 Laundry:110 Other (list types and volumes):	
Maximum graywater generation per day in cubic meters for the following sources;	Accommodations 300 Galley 210 Laundry 200 Other (list types and volumes):	

The method of handling and disposal of sludge and biosolids produced from the treatment of sewage and graywater. Biosolids are either landed ashore in Vancouver via a truck or discharged outside Alaska waters beyond 12nm from shore while underway.

Signature and Certification for NOI

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Responsible Corporate Officer



Printed Name

Patrick G. Gerrity

Title/Company

Vice President Safety, Security & Environmental Policy
and Compliance/ Disney Cruise Line

Date

2/17/15

Submit this Notice of Intent to:

Commercial Passenger Vessel Environmental Compliance Program
Division of Water
Alaska Dept. of Environmental Conservation
410 Willoughby Avenue, Suite 303
PO Box 111800
Juneau, AK 99811-1800

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Discharge Port Vertical Angle Relative to Waterline ⁶ :	0 degrees	Discharge Port Horizontal Angle Relative to Centerline ⁷ :	0 degrees

Wastewater Discharge Information		
Estimates of the average and maximum volume of the wastewater to be discharged per 24 hour period (in cubic meters), and the beginning and ending dates between which discharges may occur the first year of the permit;	Average:	390 Cubic meters
	Maximum:	665 Cubic meters
	Startup Date:	8/29/19
	Ending date:	9/14/19

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The type, number, and combined maximum design capacity in cubic meters per 24 hour period of all advanced wastewater treatment systems (AWTS) onboard;	Type (s) (including manufacturer, model name, model number, and year built):	Wartsila/Hamworthy MBR
	Number of AWTS:	2
	Combined design capacity:	1200 Cubic meters/day
Type(s) of sewage treatment and system capacity in cubic meters per 24 hour period;	Type (s) (including manufacturer, model name, model number, and year built):	
	Combined design capacity:	
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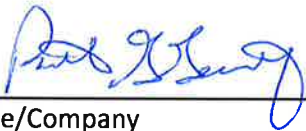
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Signature of Responsible Corporate Officer



Printed Name

Patrick G. Gerrity

Title/Company

VP Safty, Security and Environmental Policy and
Compliance/ Disney Cruise Line

Date

7/12/19

Submit this Notice of Intent to:

Commercial Passenger Vessel Environmental Compliance Program
Division of Water
Alaska Dept. of Environmental Conservation
PO Box 111800
Juneau, AK 99811-1800