

Photograph by Richard Finnie for BECHTEL

2000-23-10 "Niagara" suction dredge working on submarine pipeline channel in Straits of Mackinac.

SUBJ. HEADING: PIPELINE CONSTR.
LOCATION: STRAITS OF MACKINAC
PERSONNEL:
NOTES: ACC. NO.: 023
NEGATIVE: 40 DATE: 1953

2000-23-10

PHOTOGRAPH BY WILLIAM HEICK
FOR BECHTEL CORPORATION

2000-63-10 Valve and high pressure gauge are installed on end of 20-inch line preparatory to "putting squeeze on" -- building up 1075 lbs. per sq. in. pressure to test pipe.

SUBJ. HEADING: PIPELINE CONSTR.
LOCATION: STRAITS OF MACKINAC
PERSONNEL:
NOTES: ACC. NO.: 034
NEGATIVE: 40 DATE: 1953

2000-63-6 Welding last joint of 4" pipe to fill 20-inch pipe with water.

SUBJ. HEADING: PIPELINE CONST.

LOCATION: STRAITS OF MACKINAC

PERSONNEL:

NOTES: ACC. NO.: 035

NEGATIVE: NO DATE: 1953

PHOTOGRAPH BY WILLIAM HARR
FOR BECHTEL CORPORATION

2000-62-10 Four-inch water pipe was inserted into 20-inch pipe to an approximate distance of 10,000 feet. This was done to permit filling of 20-inch pipe from center out to prevent the occurrence of air pockets. Heavy grease was used to prevent friction.

SUBJ. HEADING: PIPELINE CONSTR.
LOCATION: STRAITS OF MACKINAC
PERSONNEL:
NOTES: ACC. NO.: 039
NEGATIVE: no DATE: 1953

Photograph by Richard Finnie for BECHTEL

2000-48-3 Compressed air connection at end of one of 2500-foot pipe strings for running
of pig. Eastern launchway, Straits of Mackinac. 1953

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 104

NEGATIVE: 20 **DATE:** 1953

PHOTOGRAPH BY WILLIAM BEICK
FOR BECHTEL CORPORATION

2000-65-1 Collecting buoys from north shore of Straits of Mackinac.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 074

NEGATIVE: NO DATE: 1953

PHOTOGRAPHER WILLIAM HEIKK
FOR BECHTEL CORPORATION

2000-62-11 Mandrel and bullplug safe on the bank of the south shore after the pull.

SUBJ. HEADING: PIPELINE CONSTRUCTION
LOCATION: STRAITS OF MACKINAC CROSSING
PERSONNEL:
NOTES: SEE ABOVE ACC. NO.: 0015
NEGATIVE: No DATE: 1954?

The christening with champagne. (The real McCoy, too!) Sherm Serre is also quite happy. Kissed Cap Tooker!

This is a rare photo. Please show to Roger.

SUBJ. HEADING: PIPELINE CONSTRUCTION
LOCATION: STRAITS OF MACKINAC CROSSING
PERSONNEL:
NOTES: SEE ABOVE ACC. NO.: 0004
NEGATIVE: No DATE: 1954?

Clute and Connolly greeting the pulling head.
It is storming hard. This is a night pic-
ture. Note swivel and pull cable. Pipe
had just stopped moving. Cable under heavy
tension.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MALAKAL
PERSONNEL:

NOTES: ACC. NO.: 065

NEGATIVE: 40 DATE: 1953

2000-62-1 Arrival of 20-inch pipe at south shore of Straits of Mackinac. This was the first of two parallel 21,000-foot submarine lines to be laid across the Straits.

SUBJ. HEADING: PIPELINE CONSTRUCTION
LOCATION: STRAITS OF MACKINAC CROSSING
PERSONNEL:
NOTES: SEE ABOVE ACC. NO.: 0014
NEGATIVE: No DATE: 1954?

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 091

NEGATIVE: no DATE: 1953

2000-58-10 Gamma-ray testing of tie-in weld for one of the eight 2500-foot strings of 20-inch pipe for the crossing of the Straits of Mackinac.

SUBJ: HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 072

NEGATIVE: NO DATE: 1953

2000-60-12 Welders tying in two of the eight 2500-foot strings of pipe being pulled across the Straits of Mackinac. This was the first of two parallel pipe crossings 1200 feet apart.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 083

NEGATIVE: NO DATE: 1953

Photograph by Richard Finnie for BECHTEL

2000-58-2 View of launching way, facing northward and showing the placing on dollies of the second of eight 2500-foot strings making up the 20-inch line crossing at Straits of Mackinac.

SUBJ. HEADING: Pipeline Construction--
Straits of Mackinac.

LOCATION:
PERSONNEL:
NOTES:

ACC. NO.: 0110

NEGATIVE: DATE: 1953

①

3297

2000-59-10 Control tower for the first of two parallel pipeline crossings of the Straits of Mackinac. At base of tower is animated schematic painting illustrating progress of the line across the Straits.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 069

NEGATIVE: No DATE: 1953

2000-57-6 One and 3/4" cable as it appeared after breaking 60 feet from south shore during first stage of pipe-pull. Main 2" cable remained intact.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 054

NEGATIVE: NO DATE: 1953

SUBJ. HEADING: PIPELINE CONSTRUCTION
LOCATION: STRAITS OF MACKINAC CROSSING
PERSONNEL:
NOTES: ACC. NO.: 0013
NEGATIVE: No DATE: ~~007~~ 1954?

2000-60-1 Fifty-ton steel winch used for a hold-back to prevent surging and maintain uniform movement of pipe being pulled from opposite shore of Straits of Mackinac.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 056

NEGATIVE: 40 DATE: 1953

Photograph by Richard Finnie for DECHTEL

2000-57-3 Dynamometer registering tension on pipe-pulling cable at south shore of Straits
of Mackinac. In picture are Tom Geiger, Sherman Berre and William Lenny.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 055

NEGATIVE: 40 DATE: 1953

Photograph by Richard Finnie for BECHTEL

2000-57-5 Winch on the south shore of Straits of Mackinac used for the pulling of the first 21,200-foot 20-inch line. Two drums were used, each of 100-ton capacity.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 057

NEGATIVE: NO DATE: 1953

SUBJ. HEADING: Pipeline Construction -
Sheets of Pipe

LOCATION:

PERSONNEL:

NOTES:

ACC. NO.: 0109

NEGATIVE:

DATE: 1953

100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000

Photograph by Richard Finnie for BECHTEL

2000-55-9 Aerial view of the westerly of two launching ways for the dual pipeline crossing of the Straits of Mackinac. The pulling of the line is already under way.

1953

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 107

NEGATIVE: NO DATE: 1953

Photograph by Richard Funnie for BECHTEL

2000-53-10 First string of 20" pipe moves into Straits of Mackinac while spectators line shore in early morning darkness.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 049

NEGATIVE: No DATE: 1953

Photograph by Richard Finnie for BECHTEL

2000-52-5 Onlookers at pipe-launching at Straits of Mackinac after midnight.

SUBJ. HEADING: *PIPELINE CONSTR.*

LOCATION: *STRAITS OF MACKINAC*
PERSONNEL:

NOTES: ACC. NO.: *068*

NEGATIVE: *16* DATE: *1953*

Photograph by Richard Finnie for BECHTEL

2000-52-7 First 2500-foot pipe string at water's edge awaiting hooking up of cable from south shore after midnight at the north shore of the Straits of Mackinac.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC

PERSONNEL:

NOTES: ACC. NO.: 044

NEGATIVE: 110 DATE: 1953

Views of low lying land for
the Straits of Mackinac

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC

PERSONNEL:

NOTES: ACC. NO.: 096

NEGATIVE: 40 **DATE:** 1953

STRAITS

A night shot, showing control house and
launching dollies and attaching Mandrel.
This is on first 20" pull.

1953 JAN 15 10 15 AM
U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C.

SUBJ. HEADING: PIPELINE CONSTR.

LOCATION: STRAITS OF MACKINAC
PERSONNEL:

NOTES: ACC. NO.: 089

NEGATIVE: 20 DATE: 1953